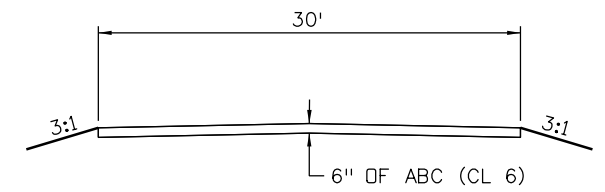
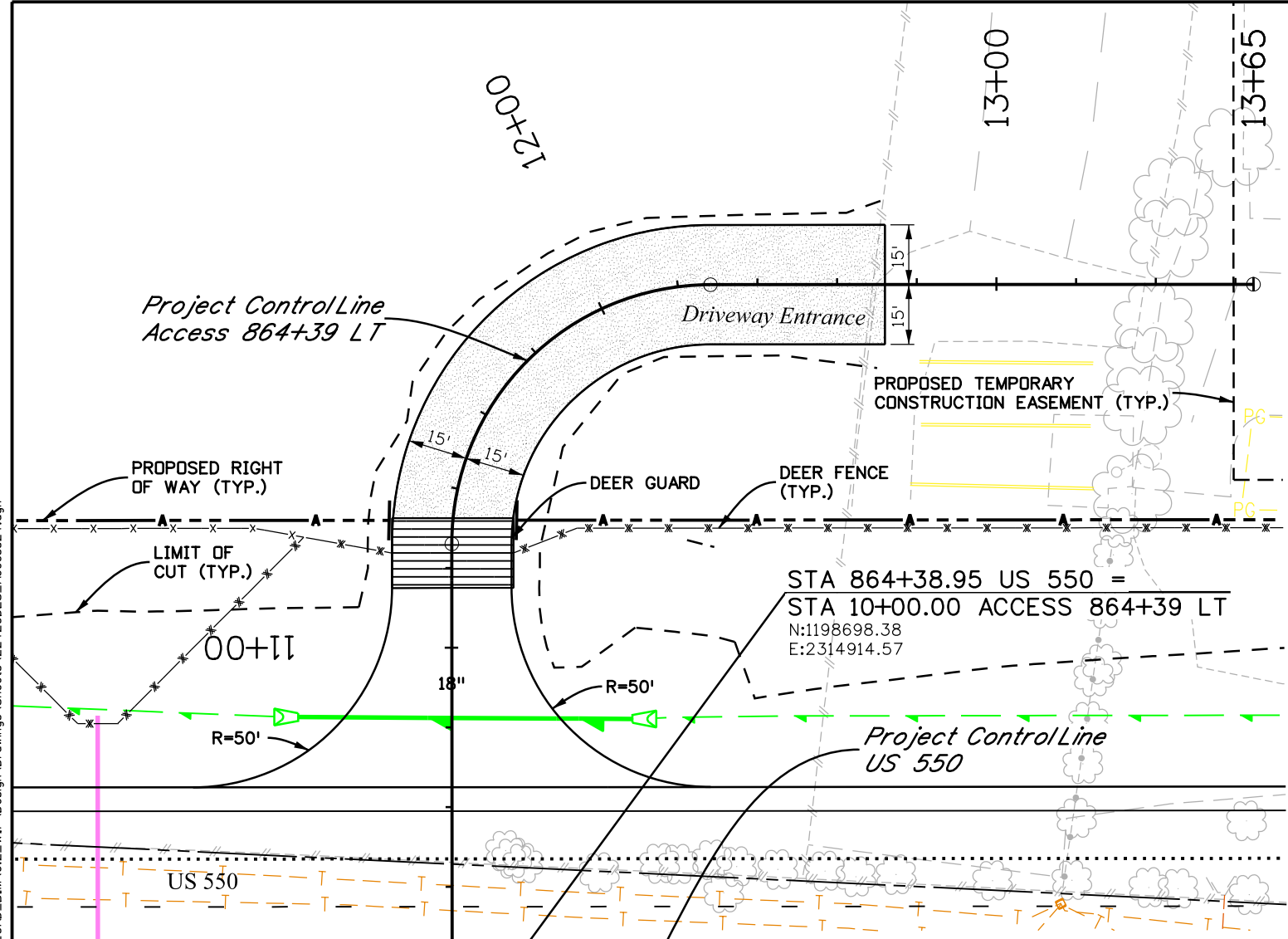
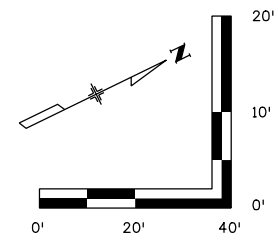


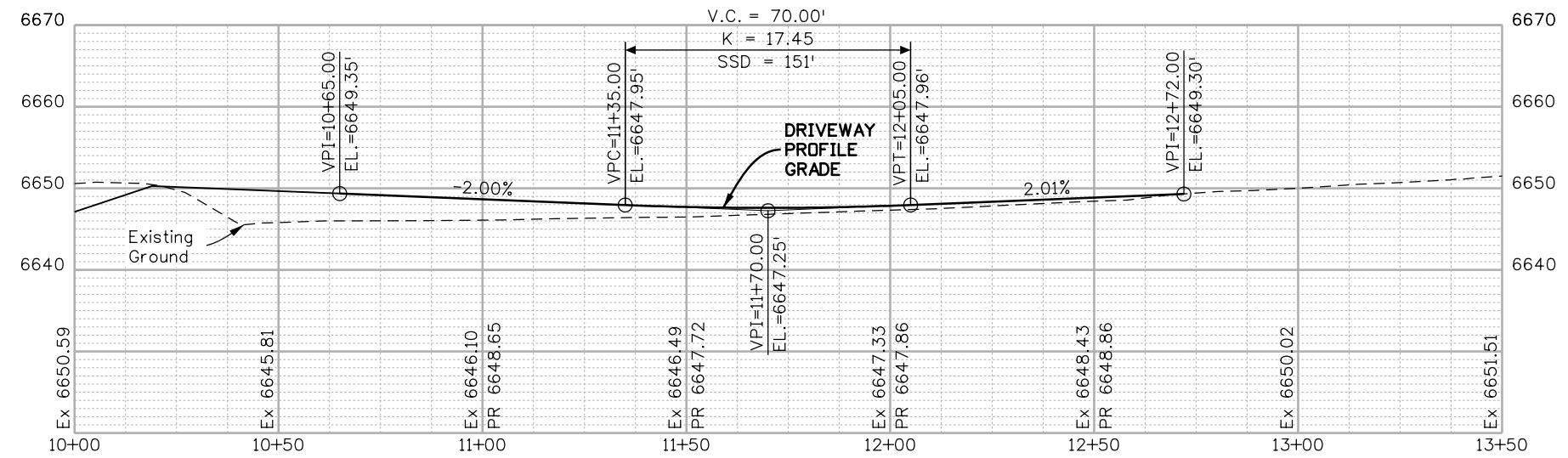
GEOMETRIC DATA:

Alignment Name: 864+39 LT
Alignment Description:
Alignment Style: ALG_SECONDARY

Element	Station	Northing	Easting
Element: Linear	POB	10+00.00	1198698.383 2314914.574
	PC	11+26.08	1198753.492 2314801.174
	Tangential Direction:	N 64°04'54.7" W	
Tangential Length:	126.08		
Element: Circular	PC	11+26.08	1198753.492 2314801.174
	PI	11+91.08	1198781.903 2314742.711
	CC	1198811.955 2314829.584	
	PT	12+28.18	1198840.365 2314771.122
	Radius:	65	
	Delta:	90°00'00.0" Right	
	Degree of Curvature (Arc):	88°08'50.5"	
	Length:	102.1	
	Tangent:	65	
	Chord:	91.92	
Middle Ordinate:	19.04		
External:	26.92		
Tangent Direction:	N 64°04'54.7" W		
Radial Direction:	N 25°55'05.3" E		
Chord Direction:	N 19°04'54.7" W		
Radial Direction:	S 64°04'54.7" E		
Tangent Direction:	N 25°55'05.3" E		
Element: Linear	PT	12+28.18	1198840.365 2314771.122
	POE	13+64.54	1198963.004 2314830.72
	Tangential Direction:	N 25°55'05.3" E	
Tangential Length:	136.35		



TYPICAL SECTION



Print Date: 5/2/2019
File Name: 22420DES_Access24.dgn
Horiz. Scale: 1:40
Vert. Scale: As Noted

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Date:	Comments	Init.

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Revised:
Void:

ACCESS PLAN AND PROFILE
DRIVEWAY ENTRANCE
STA 864+39 LT

Designer: NZ
Detailer: MS
Structure Numbers:
Sheet Subset: ACCESS
Subset Sheets: 24 of 53

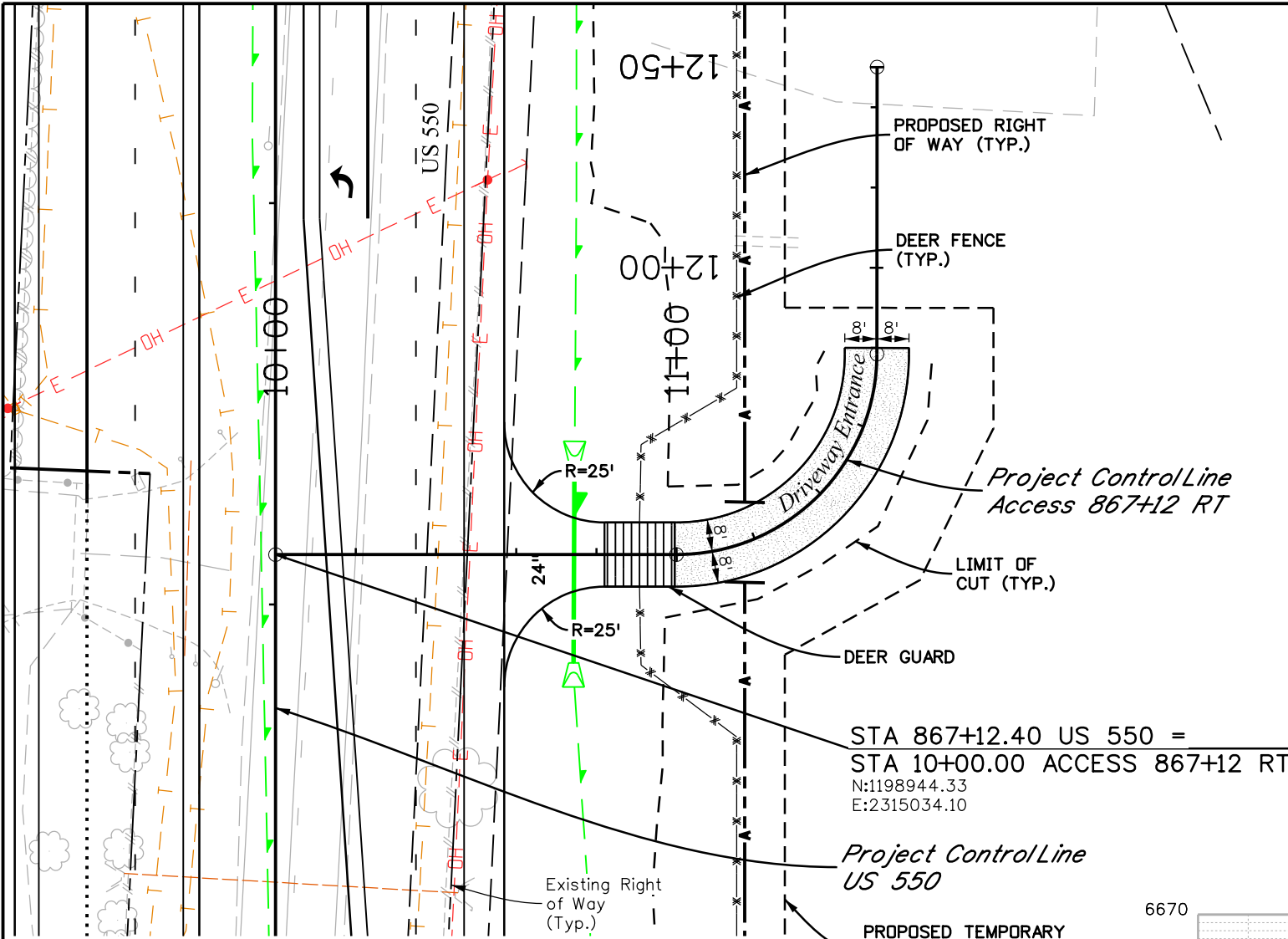
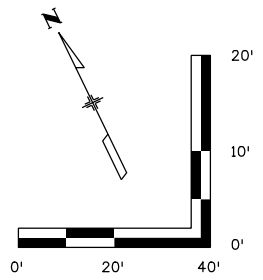
Project No./Code
NHPP 5501-029
22420
Sheet Number 91

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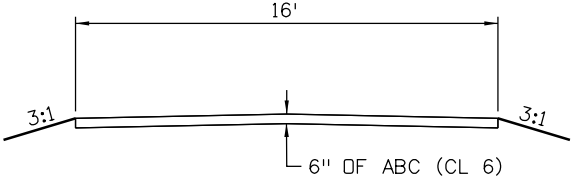
GEOMETRIC DATA:

Alignment Name: 867+12 RT
Alignment Description:
Alignment Style: ALG_SECONDARY

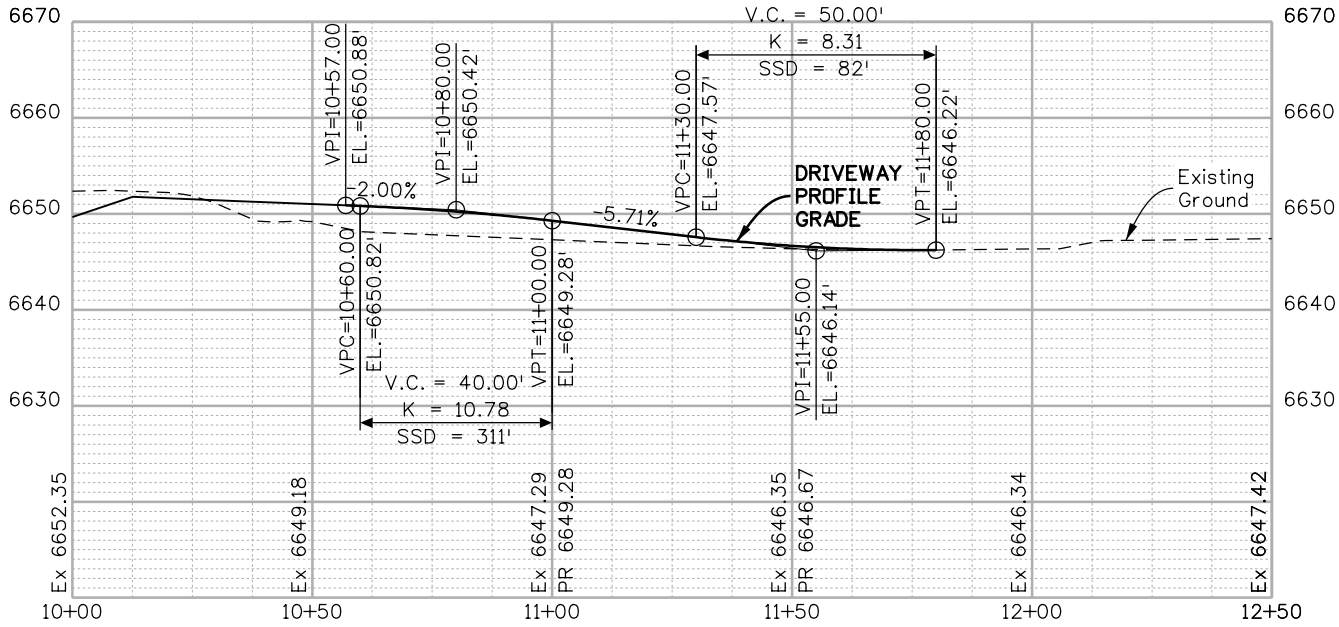
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Element: Linear			
POB	10+00.00	1198944.331	2315034.096
PC	10+99.95	1198900.643	2315123.995
Tangential Direction:	S 64°04'54.7" E		
Tangential Length:	99.95		
Element: Circular			
PC	10+99.95	1198900.643	2315123.995
PI	11+49.92	1198878.804	2315168.935
CC		1198945.614	2315145.849
PT	11+78.46	1198923.729	2315190.805
Radius:	50		
Delta:	89°57'38.5" Left		
Degree of Curvature (Arc):	114°35'29.6"		
Length:	78.51		
Tangent:	49.97		
Chord:	70.69		
Middle Ordinate:	14.63		
External:	20.69		
Tangent Direction:	S 64°04'54.7" E		
Radial Direction:	S 25°55'05.3" W		
Chord Direction:	N 70°56'16.0" E		
Radial Direction:	S 64°02'33.2" E		
Tangent Direction:	N 25°57'26.8" E		
Element: Linear			
PT	11+78.46	1198923.729	2315190.805
POE	12+50.00	1198988.056	2315222.12
Tangential Direction:	N 25°57'26.8" E		
Tangential Length:	71.54		



STA 867+12.40 US 550 =
STA 10+00.00 ACCESS 867+12 RT
N:1198944.33
E:2315034.10



TYPICAL SECTION



Print Date: 5/2/2019
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Horiz. Scale: 1:40 Vert. Scale: As Noted

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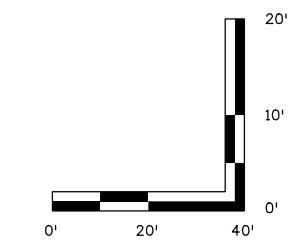
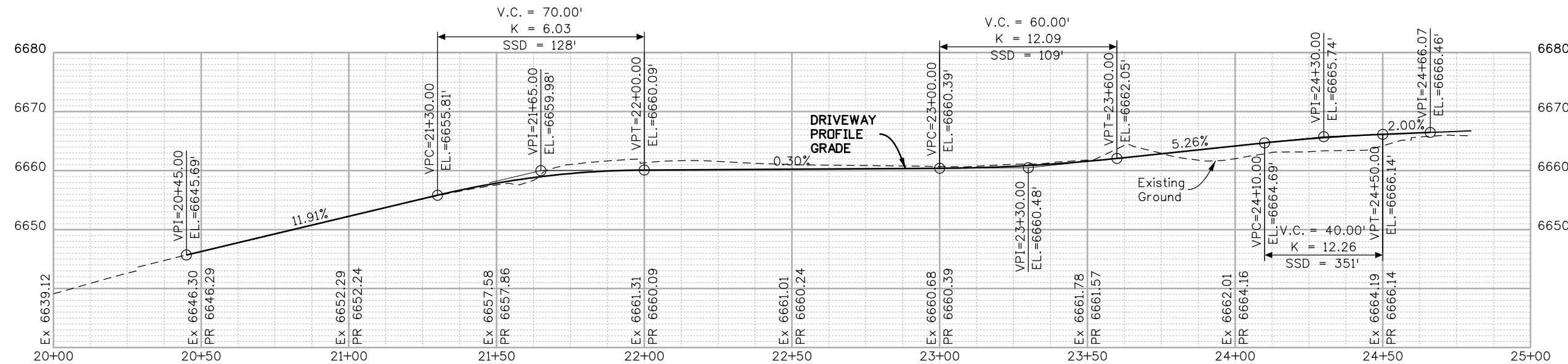
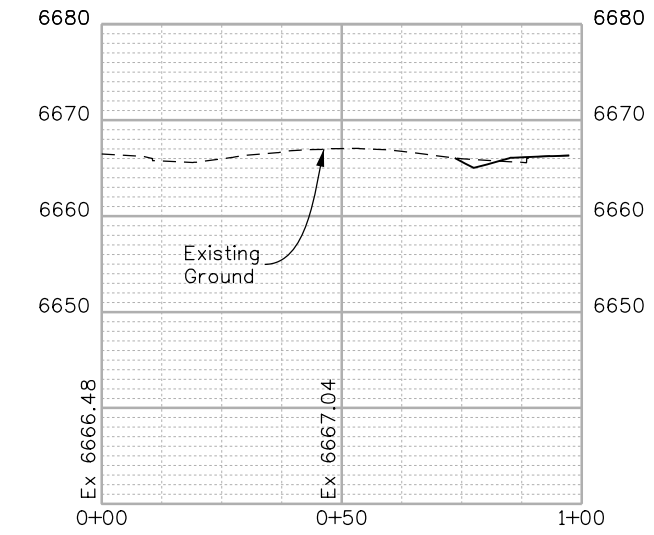
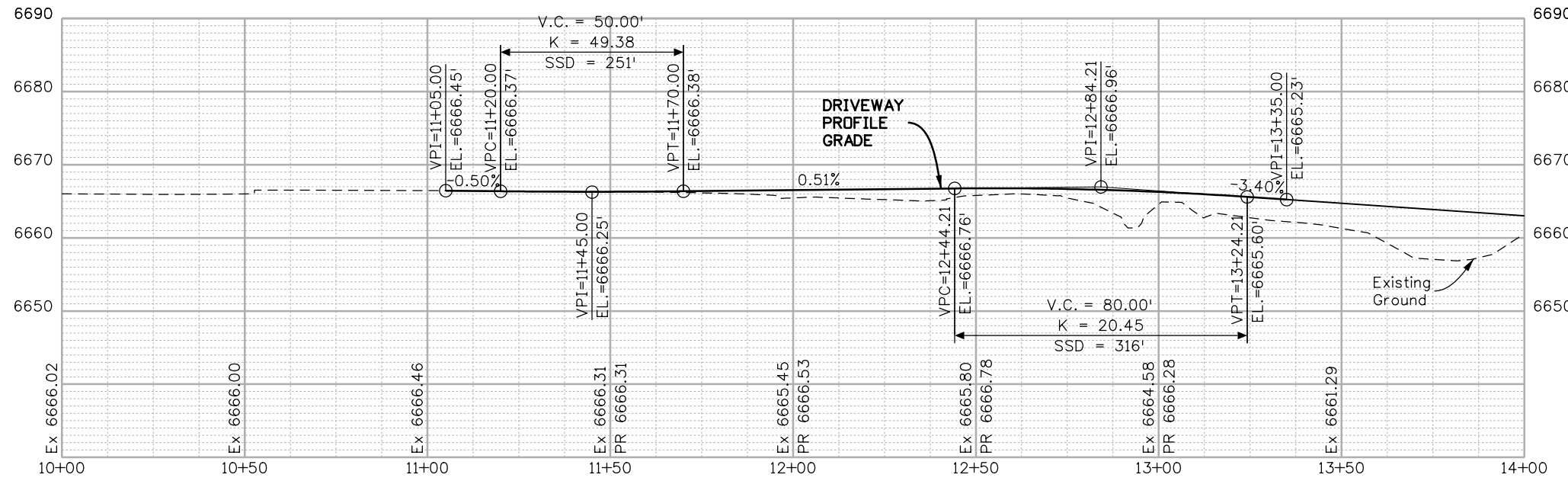
**ACCESS PLAN AND PROFILE
DRIVEWAY ENTRANCE
STA 867+12 RT**

Designer: NZ
Detailer: MS
Sheet Subset: ACCESS
Subset Sheets: 25 of 53

Project No./Code
NHPP 5501-029
22420
Sheet Number **92**

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Date:	Comments	Init.

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ACCESS PROFILE
DRIVEWAY ENTRANCE
CR 219 N & BARDIN DRIVE

Designer:	NZ	Structure Numbers	
Detailer:	MS	Subset Sheets:	27 of 53
Sheet Subset:	ACCESS		

Project No./Code
NHPP 5501-029
22420
Sheet Number 94



GEOMETRIC DATA:

Alignment Name: CR 219_N
 Alignment Description:
 Alignment Style: ALG_SECONDARY

	Station	Northing	Easting
Element: Linear			
POB	10+00.00	1199563.94	2315084.718
PC	11+10.58	1199624.398	2315177.303
Tangential Direction:	N 56°51'20.2" E		
Tangential Length:	110.58		
Element: Circular			
PC	11+10.58	1199624.398	2315177.303
PI	11+65.58	1199654.471	2315223.356
CC		1199850.468	2315029.68
PT	12+19.10	1199700.163	2315253.976
Radius:	270		
Delta:	23°01'44.0" Left		
Degree of Curvature (Arc):	21°13'14.4"		
Length:	108.52		
Tangent:	55		
Chord:	107.79		
Middle Ordinate:	5.43		
External:	5.55		
Tangent Direction:	N 56°51'20.2" E		
Radial Direction:	S 33°08'39.8" E		
Chord Direction:	N 45°20'28.2" E		
Radial Direction:	S 56°10'23.8" E		
Tangent Direction:	N 33°49'36.2" E		
Element: Linear			
PT	12+19.10	1199700.163	2315253.976
PC	12+20.85	1199701.619	2315254.951
Tangential Direction:	N 33°49'36.2" E		
Tangential Length:	1.75		
Element: Circular			
PC	12+20.85	1199701.619	2315254.951
PI	12+74.00	1199745.771	2315284.538
CC		1199671.002	2315300.641
PT	13+05.36	1199717.713	2315329.677
Radius:	55		
Delta:	88°02'16.8" Right		
Degree of Curvature (Arc):	104°10'26.9"		
Length:	84.51		
Tangent:	53.15		
Chord:	76.44		
Middle Ordinate:	15.45		
External:	21.48		
Tangent Direction:	N 33°49'36.2" E		
Radial Direction:	S 56°10'23.8" E		
Chord Direction:	N 77°50'44.6" E		
Radial Direction:	S 31°51'53.0" W		
Tangent Direction:	S 58°08'07.0" E		
Element: Linear			
PT	13+05.36	1199717.713	2315329.677
POE	14+08.67	1199663.177	2315417.413
Tangential Direction:	S 58°08'07.0" E		
Tangential Length:	103.3		

Alignment Name: Bardin Drive
 Alignment Description:
 Alignment Style: ALG_SECONDARY

	Station	Northing	Easting
Element: Linear			
POB	20+00.00	1200029.796	2315294.809
PC	20+78.44	1200025.413	2315373.125
Tangential Direction:	S 86°47'46.9" E		
Tangential Length:	78.44		
Element: Circular			
PC	20+78.44	1200025.413	2315373.125
PI	21+66.14	1200020.512	2315460.688
CC		1199975.491	2315370.33
PT	21+83.70	1199947.657	2315411.867
Radius:	50		
Delta:	120°37'23.1" Right		
Degree of Curvature (Arc):	114°35'29.6"		
Length:	105.26		
Tangent:	87.7		
Chord:	86.87		
Middle Ordinate:	25.24		
External:	50.95		
Tangent Direction:	S 86°47'46.9" E		
Radial Direction:	S 3°12'13.1" W		
Chord Direction:	S 26°29'05.4" E		
Radial Direction:	N 56°10'23.8" W		
Tangent Direction:	S 33°49'36.2" W		
Element: Linear			
PT	21+83.70	1199947.657	2315411.867
PC	23+48.60	1199810.67	2315320.069
Tangential Direction:	S 33°49'36.2" W		
Tangential Length:	164.9		
Element: Circular			
PC	23+48.60	1199810.67	2315320.069
PI	23+77.42	1199786.731	2315304.028
CC		1199755.002	2315403.142
PT	24+04.71	1199757.927	2315303.185
Radius:	100		
Delta:	32°09'02.7" Left		
Degree of Curvature (Arc):	57°17'44.8"		
Length:	56.11		
Tangent:	28.82		
Chord:	55.38		
Middle Ordinate:	3.91		
External:	4.07		
Tangent Direction:	S 33°49'36.2" W		
Radial Direction:	N 56°10'23.8" W		
Chord Direction:	S 17°45'04.8" W		
Radial Direction:	N 88°19'26.5" W		
Tangent Direction:	S 1°40'33.5" W		
Element: Linear			
PT	24+04.71	1199757.927	2315303.185
POE	24+36.68	1199725.978	2315302.25
Tangential Direction:	S 1°40'33.5" W		
Tangential Length:	31.96		

Alignment Name: DWY 849 LT
 Alignment Description:
 Alignment Style: ALG_EXISTING

	Station	Northing	Easting
Element: Linear			
POB	10+00.00	1197423.026	2313922.945
POE	12+09.05	1197418.526	2314131.944
Tangential Direction:	S 88°45'59.6" E		
Tangential Length:	209.05		

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FINAL REFERENCE DESIGN PLANS
 JUNE 10, 2019



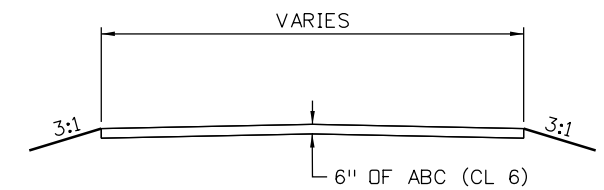
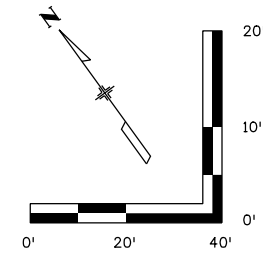
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Print Date: 5/2/2019			As Constructed No Revisions: Revised: Void:	ACCESS DATA		Project No./Code NHPP 5501-029 22420 Sheet Number 95
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Horiz. Scale: 1:40 Vert. Scale: As Noted				CR 219 N & BARDIN DRIVE		
1670 BROADWAY, SUITE 3400 DENVER, COLORADO 80202 Phone: 303-764-1520 FAX: 303-860-7139	Region 5	3803 North Main Avenue Durango, CO 81301 Phone: 970-385-1440 FAX: 970-385-8635	Sheet Subset: ACCESS Subset Sheets: 28 of 53			

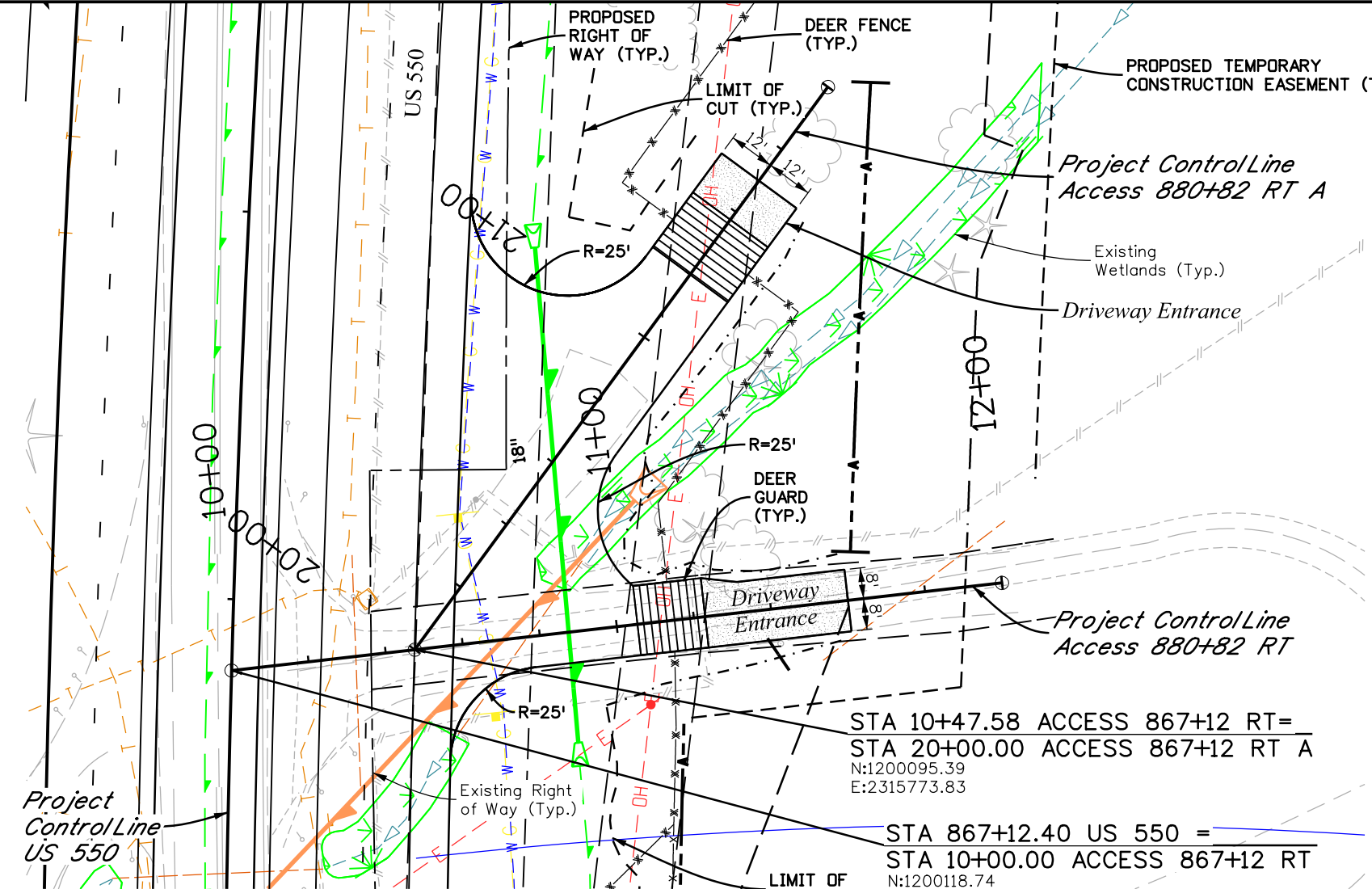
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Element: Linear	Station	Northing	Eastng
POB	10+00.00	1200118.736	2315732.377
POE	12+00.00	1200020.594	2315906.636
Tangential Direction:	S 60°36'43.4" E		
Tangential Length:	200		

Alignment Name:	880+82 RT A		
Alignment Description:	ALG_SECONDARY		
Element: Linear	Station	Northing	Eastng
POB	20+00.00	1200095.387	2315773.834
POE	21+50.00	1200141.333	2315916.628
Tangential Direction:	N 72°09'49.7" E		
Tangential Length:	150		

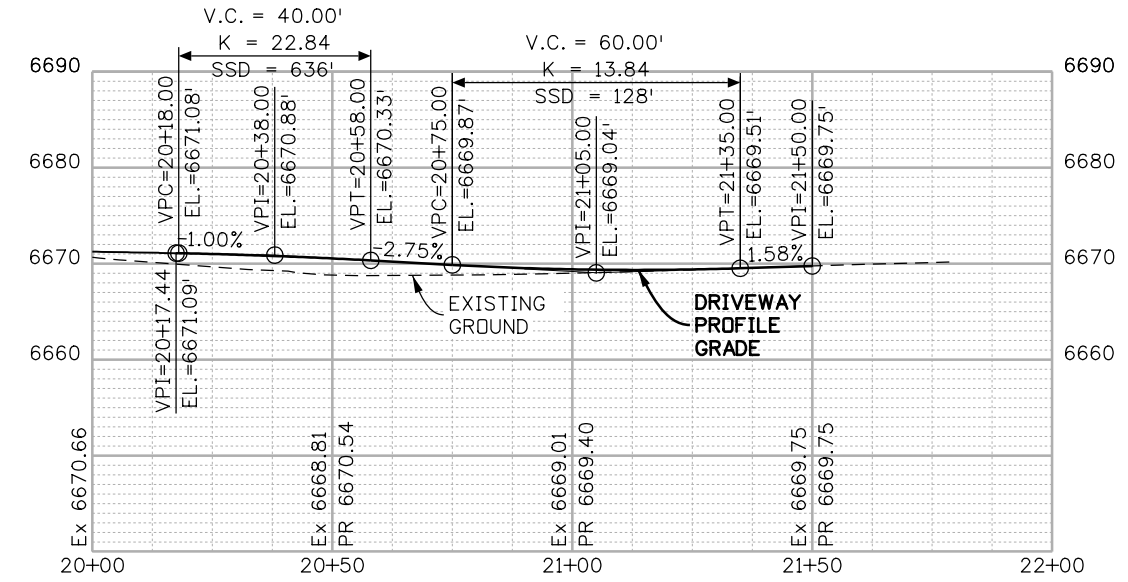
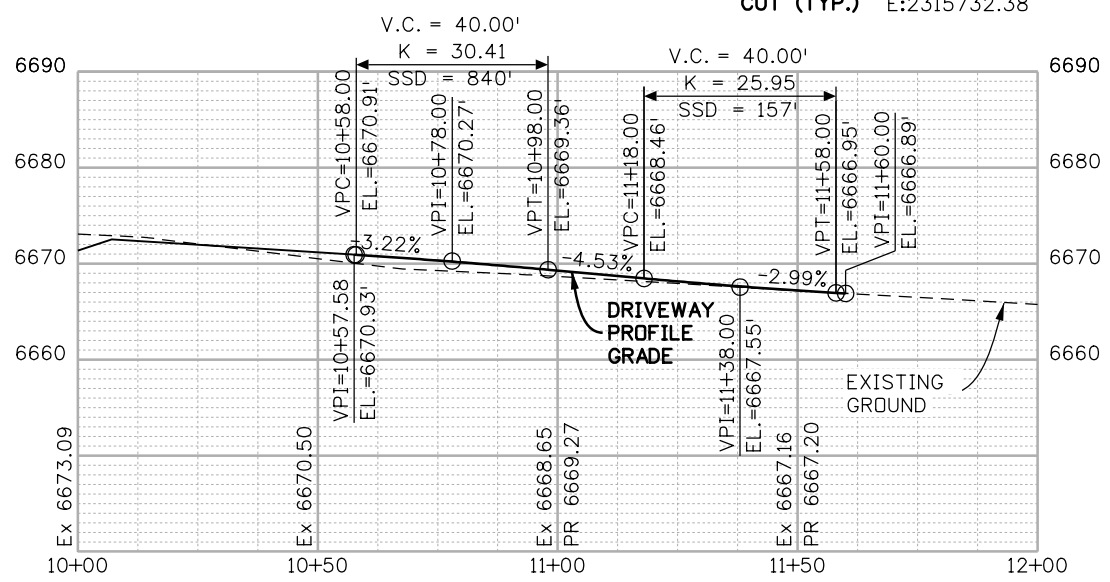


TYPICAL SECTION



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E:2315773.83

STA 867+12.40 US 550 =
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N:1200118.74
E:2315732.38



Print Date: 5/2/2019
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Sheet Revisions		
Date:	Comments	Init.

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Region 5 DRV

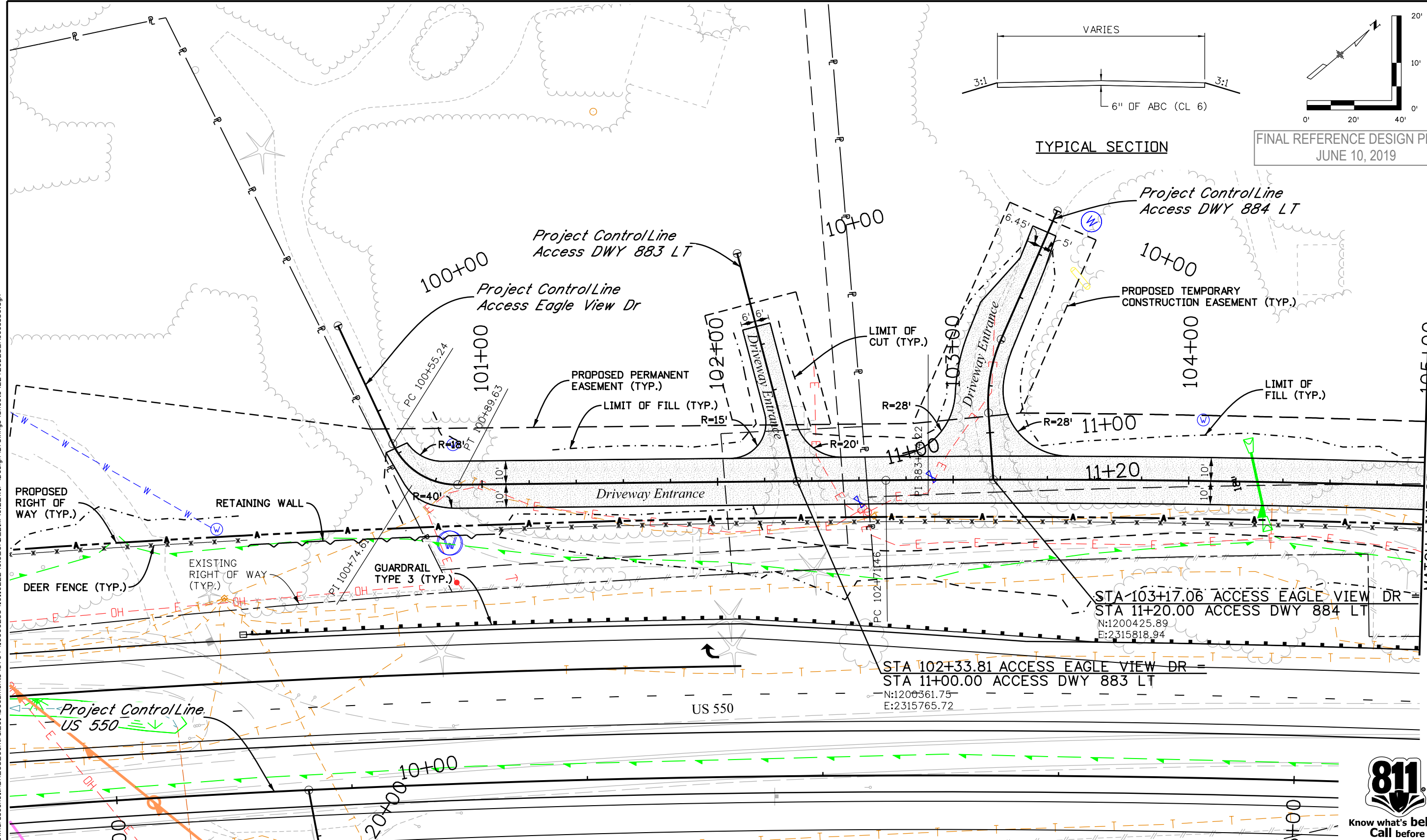
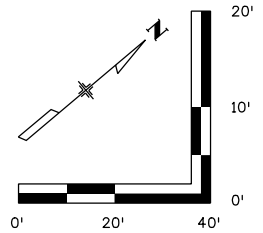
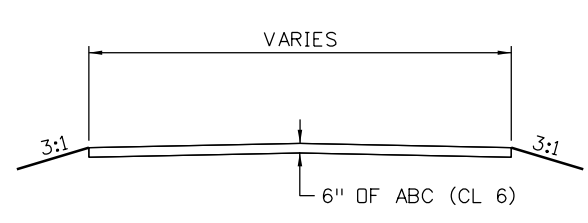
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No Revisions:
Revised:
Void:

ACCESS PLAN AND PROFILE
DRIVEWAY ENTRANCE
STA 880+82 RT
Designer: NZ
Detailer: MS
Sheet Subset: ACCESS
Subset Sheets: 29 of 53

Project No./Code
NHPP 5501-029
22420
Sheet Number 96

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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



Print Date: 5/2/2019
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Sheet Revisions		
Date:	Comments	Init.

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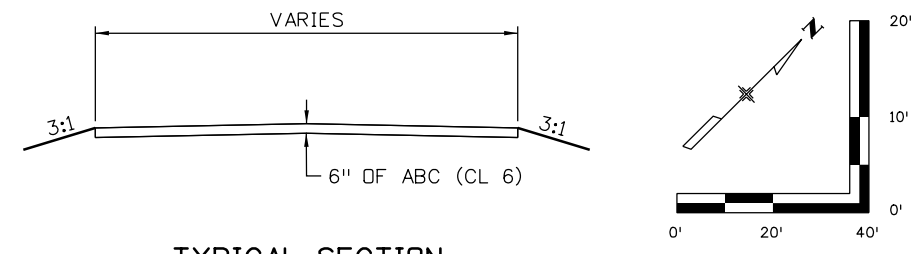
ACCESS PLAN
 DRIVEWAY ENTRANCE
 EAGLE VIEW DR AND DWYS

Designer: NZ
 Detailer: MS
 Sheet Subset: ACCESS
 Structure Numbers:
 Subset Sheets: 30 of 53

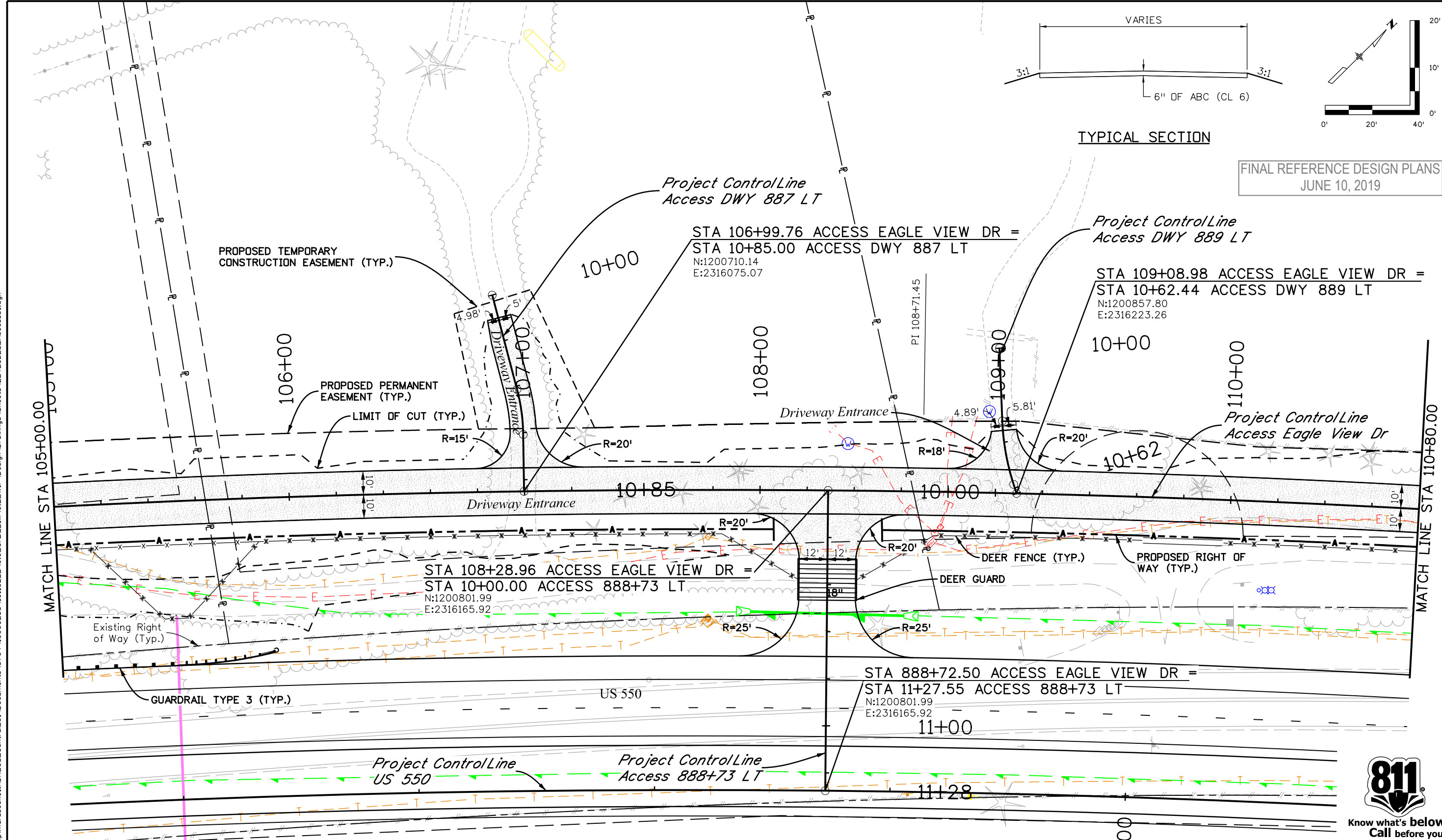
Project No./Code
 NHPP 5501-029
 22420
 Sheet Number 97



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JUNE 10, 2019



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Date:	Comments	Init.

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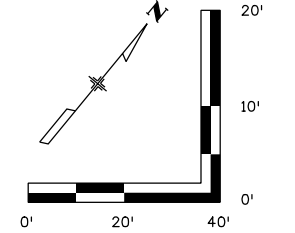
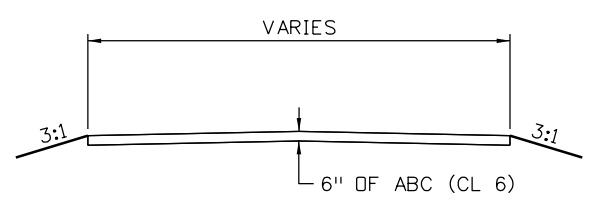
 3803 North Main Avenue
 Durango, CO 81301
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Region 5 **DRV**

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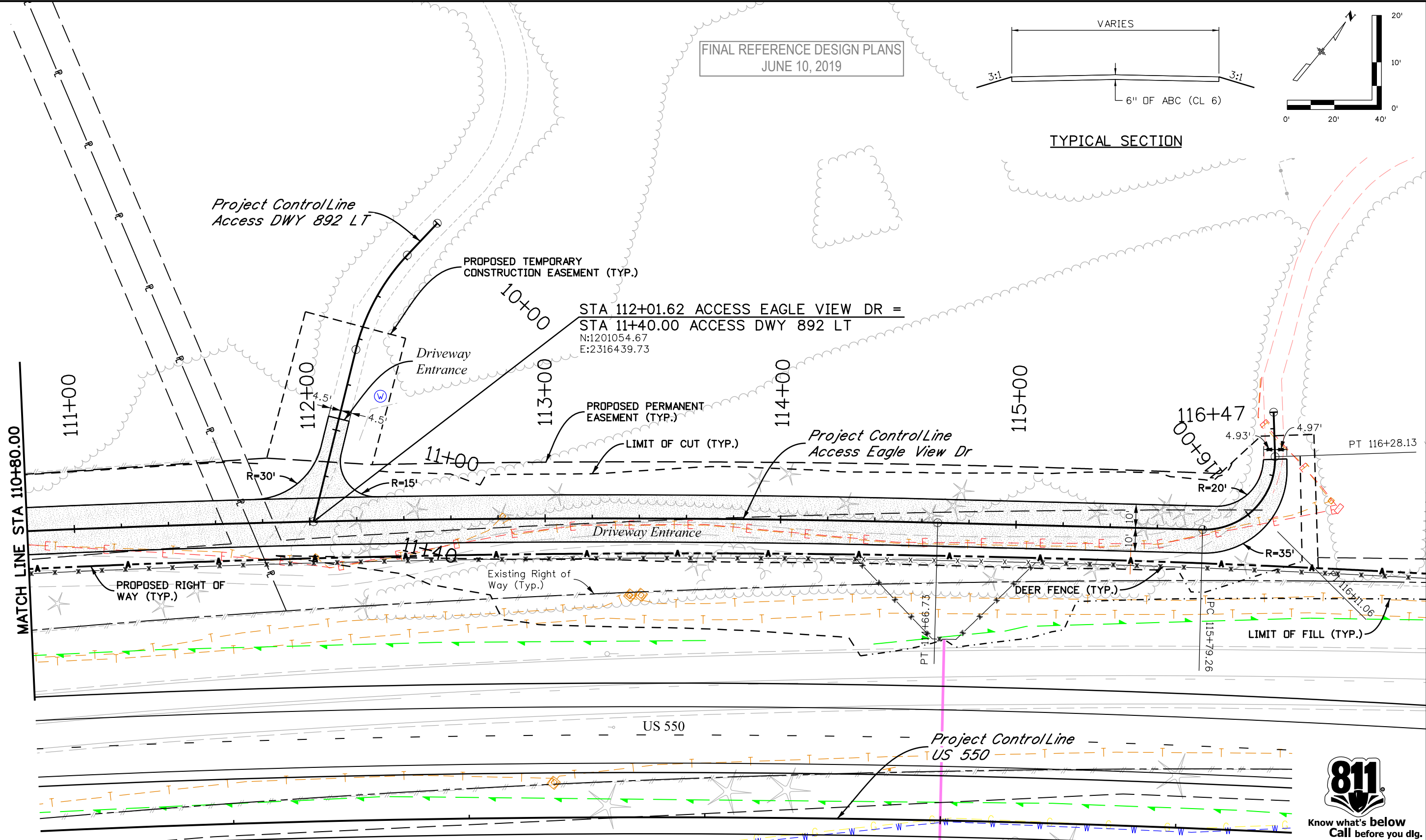
ACCESS PLAN
DRIVEWAY ENTRANCE
EAGLE VIEW DR AND DWYS
 Designer: NZ Structure Numbers:
 Detailer: MS
 Sheet Subset: ACCESS Subset Sheets: 31 of 53

Project No./Code
 NHPP 5501-029
 22420
Sheet Number 98

FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



TYPICAL SECTION



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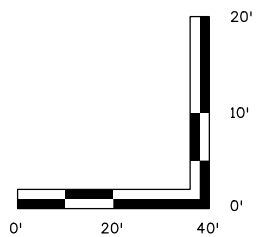
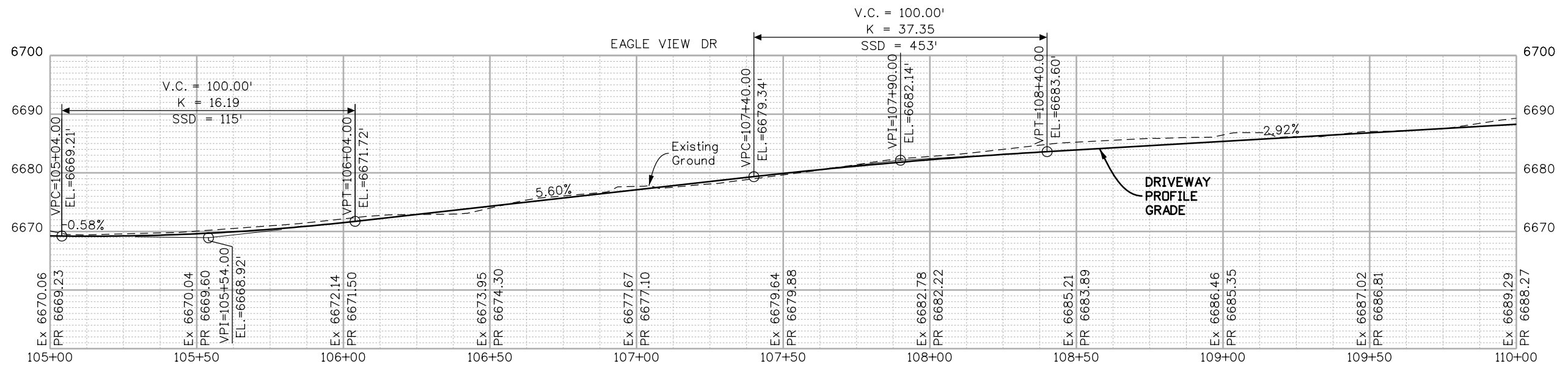
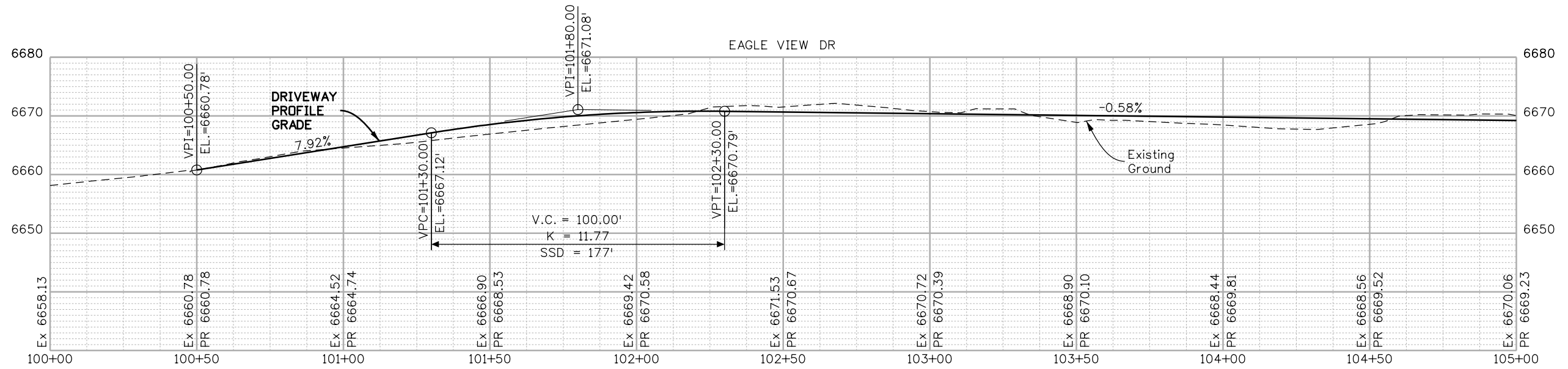
Region 5 DRV

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Revised:
Void:

ACCESS PLAN DRIVEWAY ENTRANCE EAGLE VIEW DR AND DWYS			
Designer:	NZ	Structure	
Detailer:	MS	Numbers	
Sheet Subset:	ACCESS	Subset Sheets:	32 of 53

Project No./Code
NHPP 5501-029
22420
Sheet Number 99

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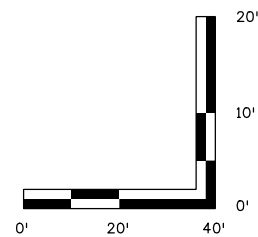
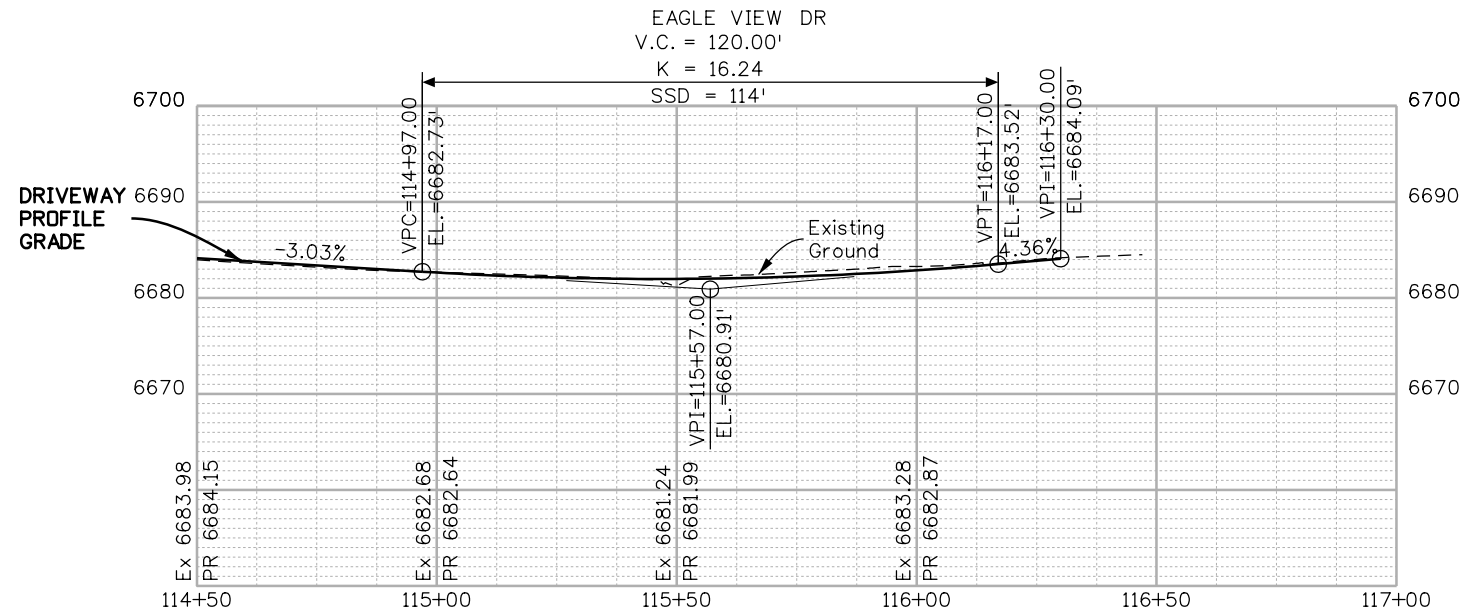
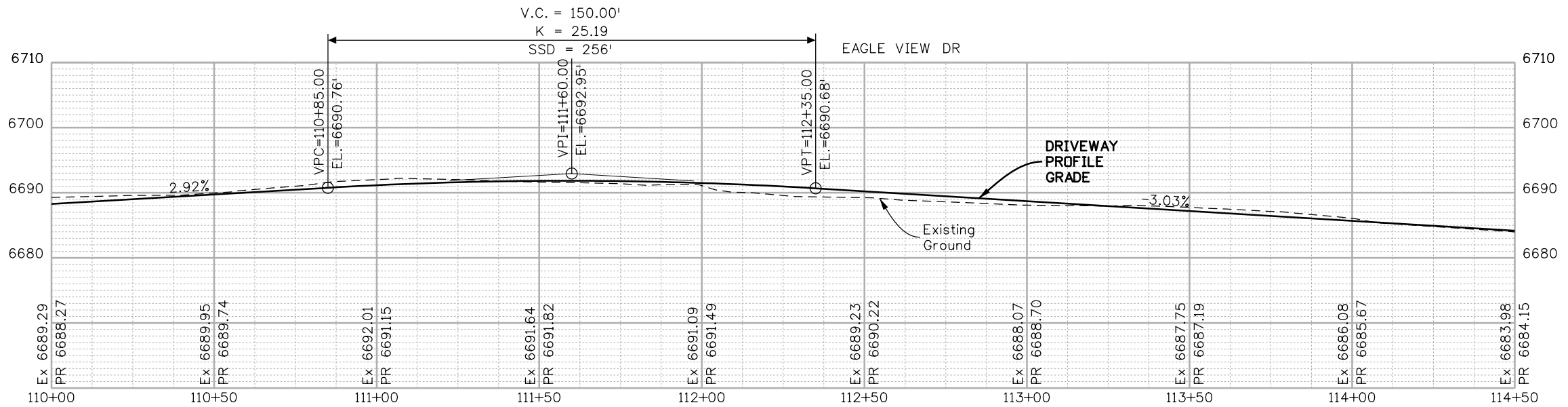
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 DRIVEWAY ENTRANCE
 EAGLE VIEW DR AND DWYS

Designer: NZ Structure Numbers
 Detailer: MS
 Sheet Subset: ACCESS Subset Sheets: 33 of 53

Project No./Code
 NHPP 5501-029
 22420
 Sheet Number 100

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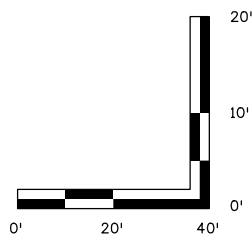
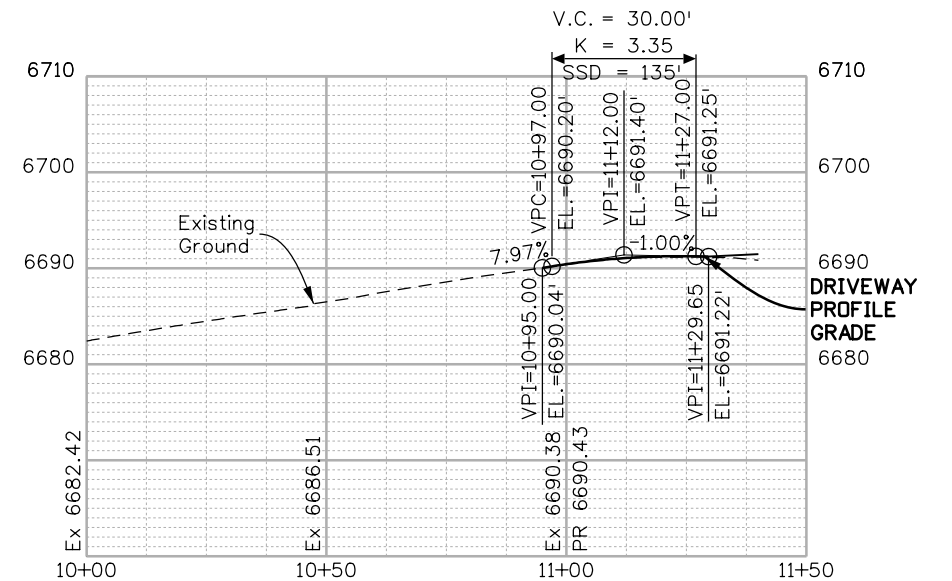
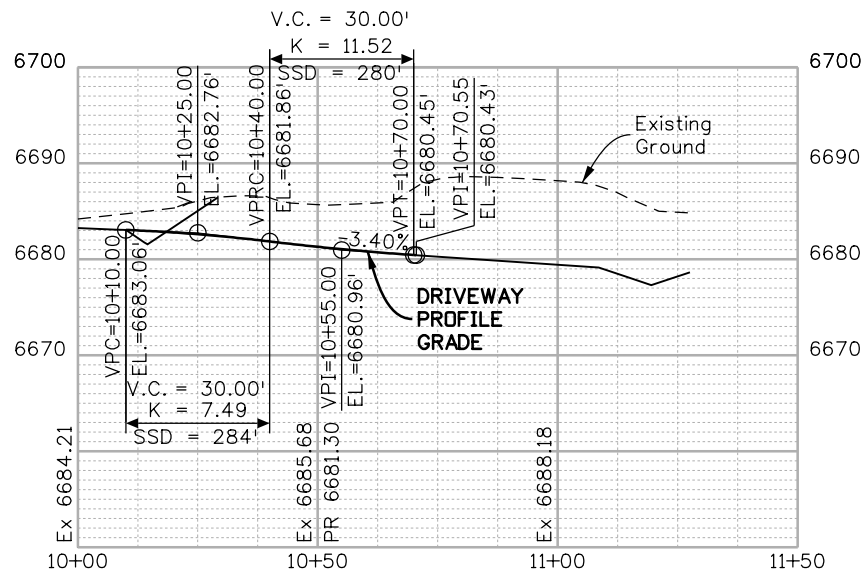
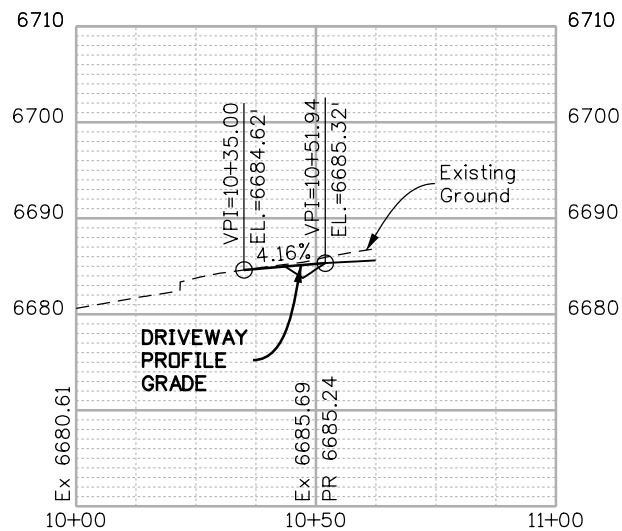
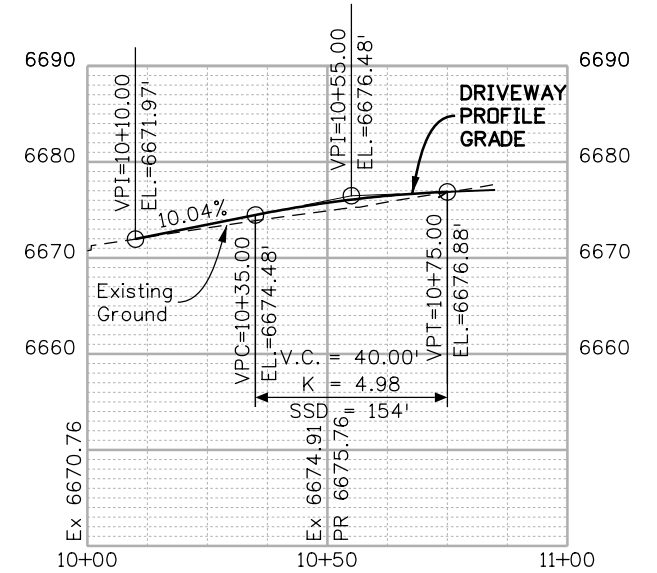
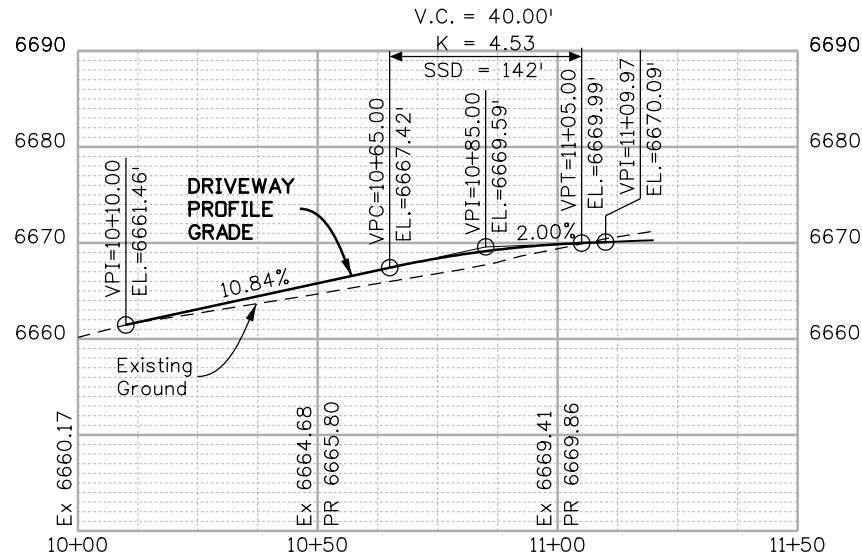
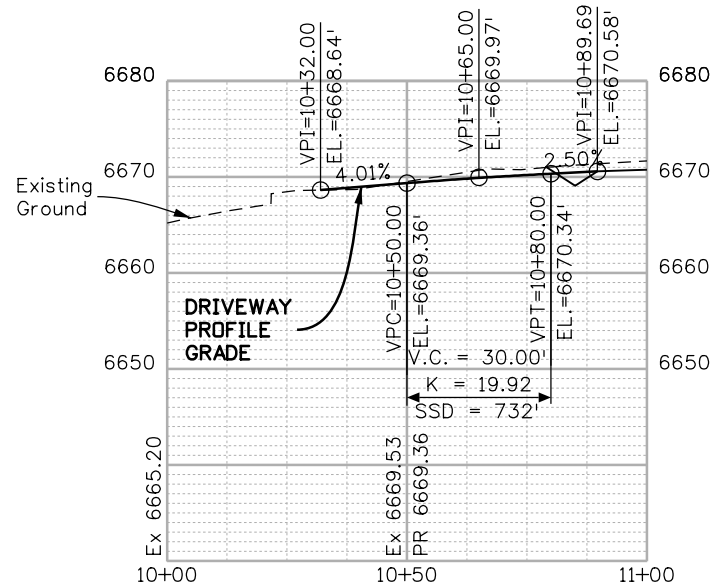
Region 5 DRV

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ACCESS PROFILE DRIVEWAY ENTRANCE EAGLE VIEW DR AND DWYS			
Designer:	NZ	Structure	
Detailer:	MS	Numbers	
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Sheet Number 101

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 Region 5 **DRV**

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ACCESS PROFILE
 DRIVEWAY ENTRANCE
 EAGLE VIEW DR AND DWYS

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Detailer:	MS	Subset Sheets:	35 of 53
Sheet Subset:	ACCESS		

Project No./Code
 NHPP 5501-029
 22420
 Sheet Number 102

GEOMETRIC DATA:

Alignment Name:	Eagle View Dr	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			100+00.00	1200255.333	2315589.652
	PC			100+55.24	1200240.814	2315642.951
Tangential Direction:	S 74°45'40.1" E					
Tangential Length:	55.24					
Element: Circular	PC			100+55.24	1200240.814	2315642.951
	PI			100+74.61	1200235.724	2315661.635
	CC			1200269.759	2315650.836	
	PT			100+89.63	1200250.655	2315673.967
Radius:	30					
Delta:	65°41'08.0" Left					
Degree of Curvature (Arc):	190°59'09.4"					
Length:	34.39					
Tangent:	19.37					
Chord:	32.54					
Middle Ordinate:	4.8					
External:	5.71					
Tangent Direction:	S 74°45'40.1" E					
Radial Direction:	S 15°14'19.9" W					
Chord Direction:	N 72°23'45.9" E					
Radial Direction:	S 50°26'48.2" E					
Tangent Direction:	N 39°33'11.8" E					
Element: Linear	PT			100+89.63	1200250.655	2315673.967
	PC			102+71.46	1200390.846	2315789.751
Tangential Direction:	N 39°33'11.8" E					
Tangential Length:	181.82					
Element: Circular	PC			102+71.46	1200390.846	2315789.751
	PI			108+71.45	1200853.465	2316171.827
	CC			1196887.197	2320031.972	
	PT			114+66.73	1201222.858	2316644.636
Radius:	5502					
Delta:	12°26'49.7" Right					
Degree of Curvature (Arc):	1°02'28.9"					
Length:	1195.27					
Tangent:	600					
Chord:	1192.93					
Middle Ordinate:	32.43					
External:	32.62					
Tangent Direction:	N 39°33'11.8" E					
Radial Direction:	S 50°26'48.2" E					
Chord Direction:	N 45°46'36.7" E					
Radial Direction:	S 37°59'58.4" E					
Tangent Direction:	N 52°00'01.6" E					
Element: Linear	PT			114+66.73	1201222.858	2316644.636
	PC			115+79.26	1201292.139	2316733.314
Tangential Direction:	N 52°00'01.6" E					
Tangential Length:	112.53					
Element: Circular	PC			115+79.26	1201292.139	2316733.314
	PI			116+11.06	1201311.713	2316758.367
	CC			1201315.78	2316714.844	
	PT			116+28.13	1201335.589	2316737.374
Radius:	30					
Delta:	93°19'26.3" Left					
Degree of Curvature (Arc):	190°59'09.4"					
Length:	48.86					
Tangent:	31.79					
Chord:	43.64					
Middle Ordinate:	9.41					
External:	13.71					
Tangent Direction:	N 52°00'01.6" E					
Radial Direction:	S 37°59'58.4" E					
Chord Direction:	N 5°20'18.4" E					
Radial Direction:	N 48°40'35.3" E					
Tangent Direction:	N 41°19'24.7" W					
Element: Linear	PT			116+28.13	1201335.589	2316737.374
	POE			116+47.03	1201349.783	2316724.894
Tangential Direction:	N 41°19'24.7" W					
Tangential Length:	18.9					

Alignment Name:	DWY 881 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200248.837	2315672.337
	PC			10+57.27	1200207.791	2315632.396
Tangential Direction:	S 44°13'04.6" W					
Tangential Length:	57.27					
Element: Circular	PC			10+57.27	1200207.791	2315632.396
	PI			11+08.29	1200171.225	2315596.815
	CC			1200905.181	2314915.704	
	PT			11+59.22	1200138.471	2315557.697
Radius:	1000					
Delta:	5°50'29.2" Right					
Degree of Curvature (Arc):	5°43'46.5"					
Length:	101.95					
Tangent:	51.02					
Chord:	101.91					
Middle Ordinate:	1.3					
External:	1.3					
Tangent Direction:	S 44°13'04.6" W					
Radial Direction:	N 45°46'55.4" W					
Chord Direction:	S 47°08'19.2" W					
Radial Direction:	N 39°56'26.2" W					
Tangent Direction:	S 50°03'33.8" W					
Element: Linear	PT			11+59.22	1200138.471	2315557.697
	POE			11+83.58	1200122.837	2315539.026
Tangential Direction:	S 50°03'33.8" W					
Tangential Length:	24.35					

Alignment Name:	DWY 883 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200403.791	2315677.261
	POE			10+97.94	1200361.745	2315765.716
Tangential Direction:	S 64°34'34.6" E					
Tangential Length:	97.94					

Alignment Name:	DWY 884 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200516.028	2315751.298
	PC			10+54.81	1200466.85	2315775.505
Tangential Direction:	S 26°12'28.4" E					
Tangential Length:	54.81					
Element: Circular	PC			10+54.81	1200466.85	2315775.505
	PI			10+71.15	1200452.192	2315782.72
	CC			1200495.998	2315834.72	
	PT			10+86.84	1200442.593	2315795.94
Radius:	66					
Delta:	27°48'24.2" Left					
Degree of Curvature (Arc):	86°48'42.4"					
Length:	32.03					
Tangent:	16.34					
Chord:	31.72					
Middle Ordinate:	1.93					
External:	1.99					
Tangent Direction:	S 26°12'28.4" E					
Radial Direction:	S 63°47'31.6" W					
Chord Direction:	S 40°06'40.5" E					
Radial Direction:	S 35°59'07.3" W					
Tangent Direction:	S 54°00'52.7" E					
Element: Linear	PT			10+86.84	1200442.593	2315795.94
	POE			11+15.27	1200425.891	2315818.94
Tangential Direction:	S 54°00'52.7" E					
Tangential Length:	28.42					

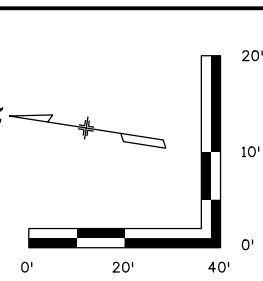
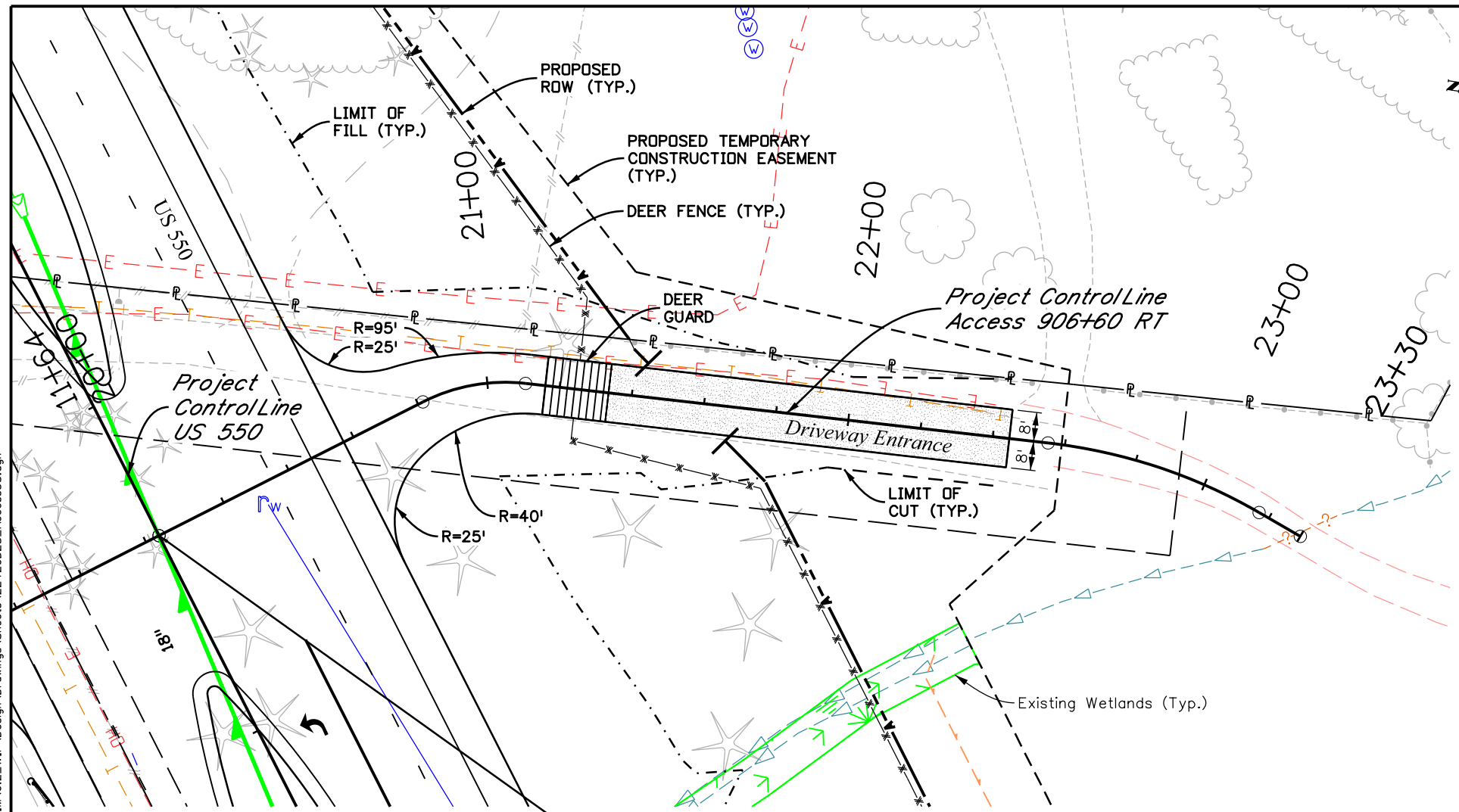
Alignment Name:	DWY 887 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200759.671	2316006.623
	PC			10+39.82	1200739.708	2316041.08
Tangential Direction:	S 59°54'48.2" E					
Tangential Length:	39.82					
Element: Circular	PC			10+39.82	1200739.708	2316041.08
	PI			10+49.59	1200734.809	2316049.534
	CC			1200670.486	2316000.975	
	PT			10+59.27	1200728.02	2316056.561
Radius:	80					
Delta:	13°55'36.9" Right					
Degree of Curvature (Arc):	71°37'11.0"					
Length:	19.45					
Tangent:	9.77					
Chord:	19.4					
Middle Ordinate:	0.59					
External:	0.59					
Tangent Direction:	S 59°54'48.2" E					
Radial Direction:	S 30°05'11.8" W					
Chord Direction:	S 52°56'59.8" E					
Radial Direction:	S 44°00'48.7" W					
Tangent Direction:	S 45°59'11.3" E					
Element: Linear	PT			10+59.27	1200728.02	2316056.561
	POE			10+85.00	1200710.141	2316075.067
Tangential Direction:	S 45°59'11.3" E					
Tangential Length:	25.73					

Alignment Name:	DWY 889 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200896.171	2316174.388
	PC			10+30.95	1200875.223	2316197.167
Tangential Direction:	S 47°23'53.5" E					
Tangential Length:	30.95					
Element: Circular	PC			10+30.95	1200875.223	2316197.167
	PI			10+44.76	1200865.872	2316207.335
	CC			1200948.831	2316264.857	
	PT			10+58.40	1200859.629	2316219.658
Radius:	100					
Delta:	15°43'49.6" Left					
Degree of Curvature (Arc):	57°17'44.8"					
Length:	27.45					
Tangent:	13.81					
Chord:	27.37					
Middle Ordinate:	0.94					
External:	0.95					
Tangent Direction:	S 47°23'53.5" E					
Radial Direction:	S 42°36'06.5" W					
Chord Direction:	S 55°15'48.3" E					
Radial Direction:	S 26°52'16.9" W					
Tangent Direction:	S 63°07'43.1" E					
Element: Linear	PT			10+58.40	1200859.629	2316219.658
	POE			10+62.44	1200857.803	2316223.26
Tangential Direction:	S 63°07'43.1" E					
Tangential Length:	4.04					

Alignment Name:	888+73 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1200801.991	2316165.916
	POE			11+27.55	1200711.126	2316255.423
Tangential Direction:	S 44°34'06.2" E					
Tangential Length:	127.55					

Alignment Name:	DWY 892 LT	Alignment Description:	ALG_SECONDARY	Station	Northing	Easting
Element: Linear	POB			10+00.00	1201191.089	2316400.064
	PC			10+25.47	1201165.676	2316398.392
Tangential Direction:	S 3°45'52.1" W					
Tangential Length:	25.47					
Element: Circular	PC			10+25.47	1201165.676	2316398.392
	PI			10+48.26	1201142.933	2316396.896
	CC			1201159.767	2316488.198	
	PT			10+70.11	1201122.22	2316406.404
Radius:	90					
Delta:	28°25'19.1" Left					
Degree of Curvature (Arc):	63°39'43.1"					
Length:	44.65					
Tangent:	22.79					
Chord:	44.19					
Middle Ordinate:	2.75					
External:	2.84					
Tangent Direction:	S 3°45'52.1" W					
Radial Direction:	N 86°14'07.9" W					
Chord Direction:	S 10°26'47.4" E					
Radial Direction:	S 65°20'33.0" W					
Tangent Direction:	S 24°39'27.0" E					
Element: Linear	PT			10+70.11	120	

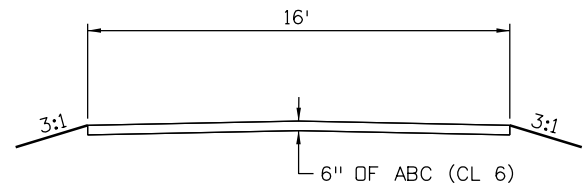
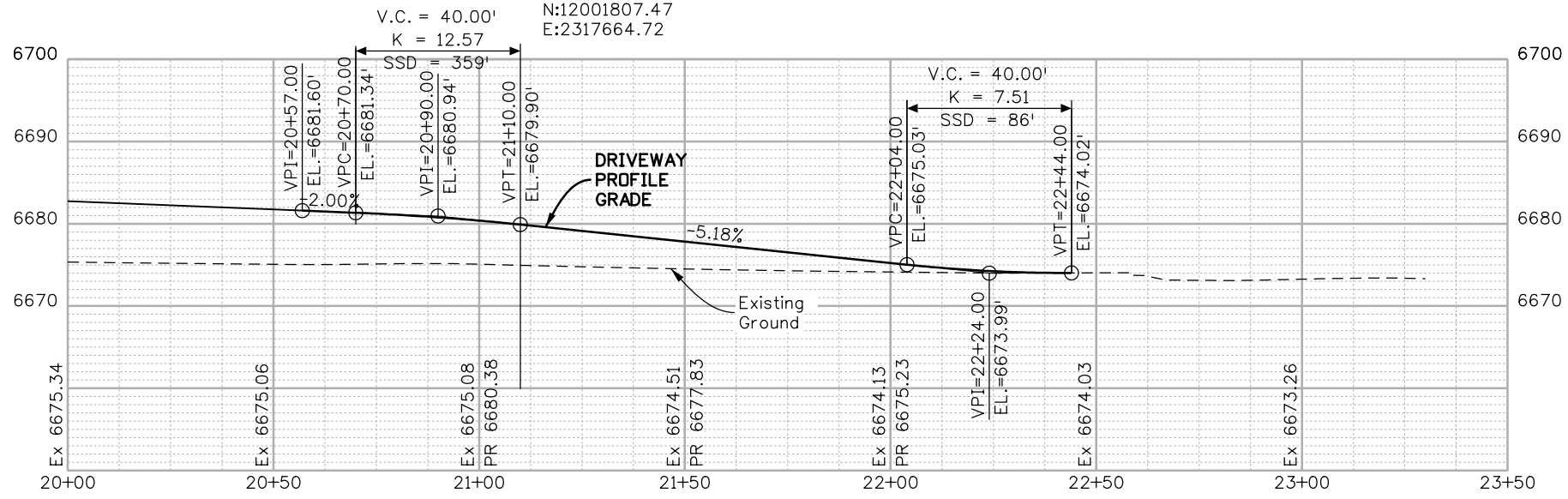
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 Alignment Description:
 Alignment Style: ALG_SECONDARY

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Element: Linear			
POB	20+00.00	1201807.469	2317664.719
PC	20+81.41	1201741.359	2317712.228
Tangential Direction:		S 35°42'08.2" E	
Tangential Length:		81.41	
Element: Circular			
PC	20+81.41	1201741.359	2317712.228
PI	20+96.41	1201729.179	2317720.981
CC		1201712.181	2317671.625
PT	21+10.56	1201714.192	2317721.585
Radius:		50	
Delta:		33°23'50.0" Right	
Degree of Curvature (Arc):		114°35'29.6"	
Length:		29.14	
Tangent:		15	
Chord:		28.73	
Middle Ordinate:		2.11	
External:		2.2	
Tangent Direction:		S 35°42'08.2" E	
Radial Direction:		S 54°17'51.8" W	
Chord Direction:		S 19°00'13.2" E	
Radial Direction:		S 87°41'41.8" W	
Tangent Direction:		S 2°18'18.2" E	
Element: Linear			
PT	21+10.56	1201714.192	2317721.585
PC	22+55.30	1201569.568	2317727.406
Tangential Direction:		S 2°18'18.2" E	
Tangential Length:		144.74	
Element: Circular			
PC	22+55.30	1201569.568	2317727.406
PI	22+86.54	1201538.348	2317728.663
CC		1201563.535	2317577.527
PT	23+16.90	1201509.223	2317717.35
Radius:		150	
Delta:		23°31'59.0" Right	
Degree of Curvature (Arc):		38°11'49.9"	
Length:		61.61	
Tangent:		31.25	
Chord:		61.18	
Middle Ordinate:		3.15	
External:		3.22	
Tangent Direction:		S 2°18'18.2" E	
Radial Direction:		S 87°41'41.8" W	
Chord Direction:		S 9°27'41.3" W	
Radial Direction:		N 68°46'19.2" W	
Tangent Direction:		S 21°13'40.8" W	
Element: Linear			
PT	23+16.90	1201509.223	2317717.35
POE	23+32.86	1201494.347	2317711.571
Tangential Direction:		S 21°13'40.8" W	
Tangential Length:		15.96	

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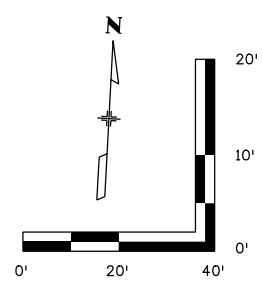
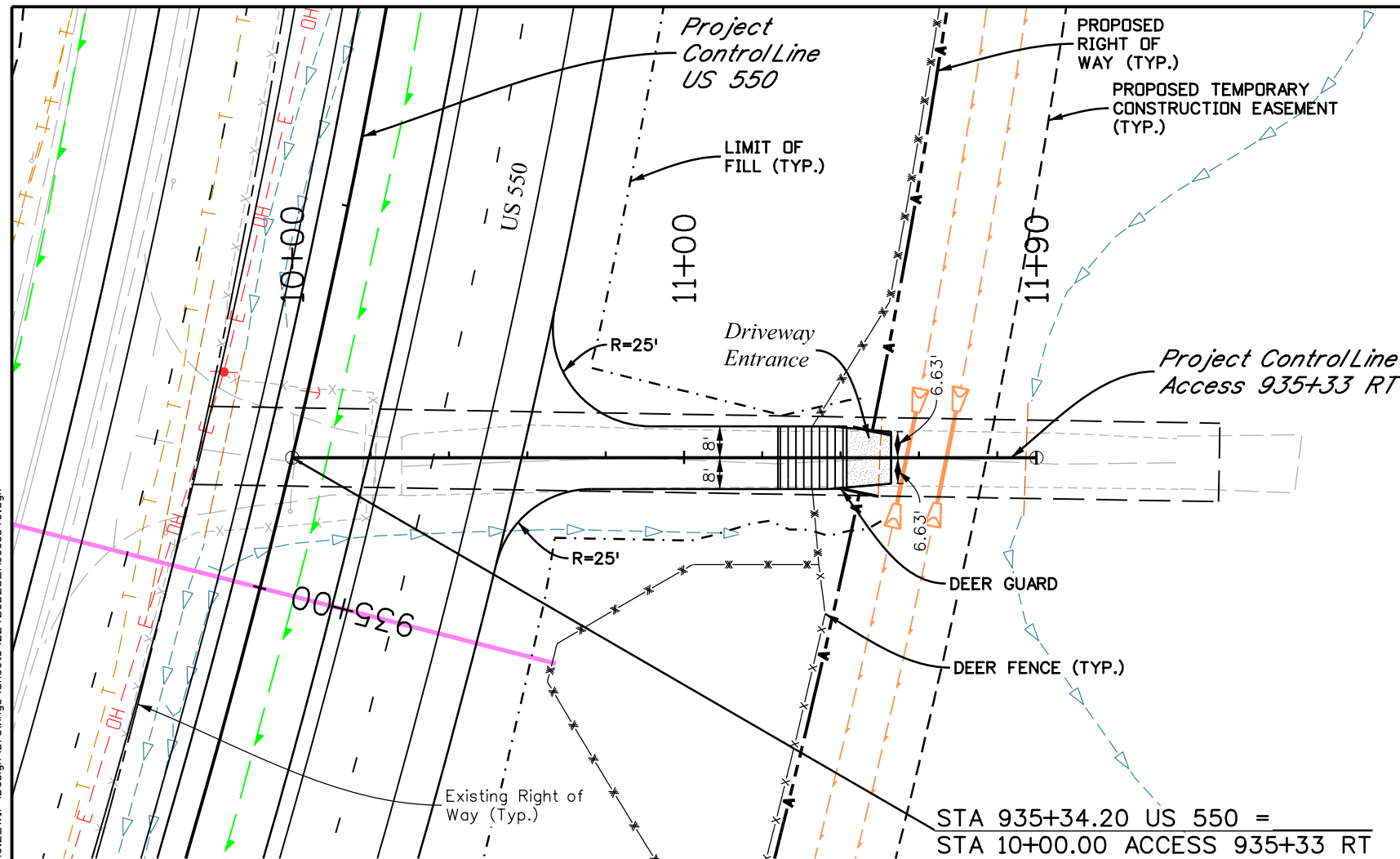
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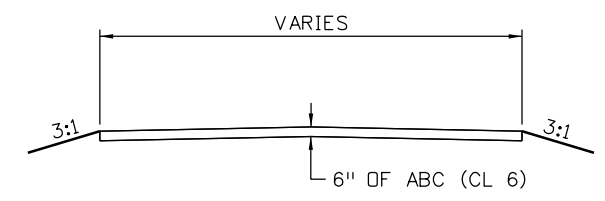
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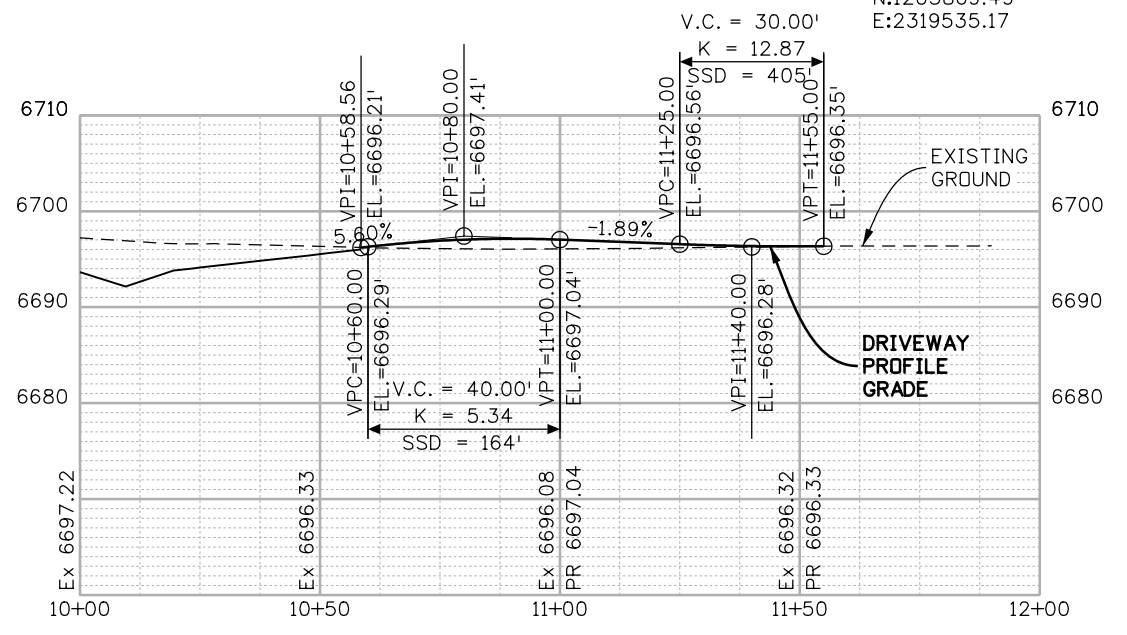
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POE	12+00.00	1203879.763	2319731.771
Tangential Direction:	N 87°00'35.0" E		
Tangential Length:	200		



TYPICAL SECTION



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**ACCESS PLAN AND PROFILE
 DRIVEWAY ENTRANCE
 STA 935+33 RT**

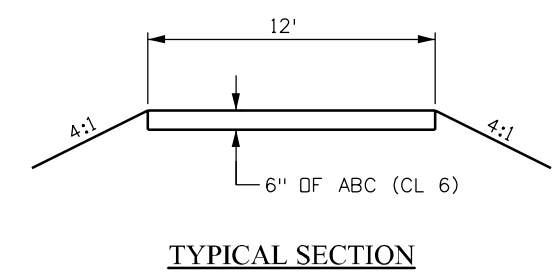
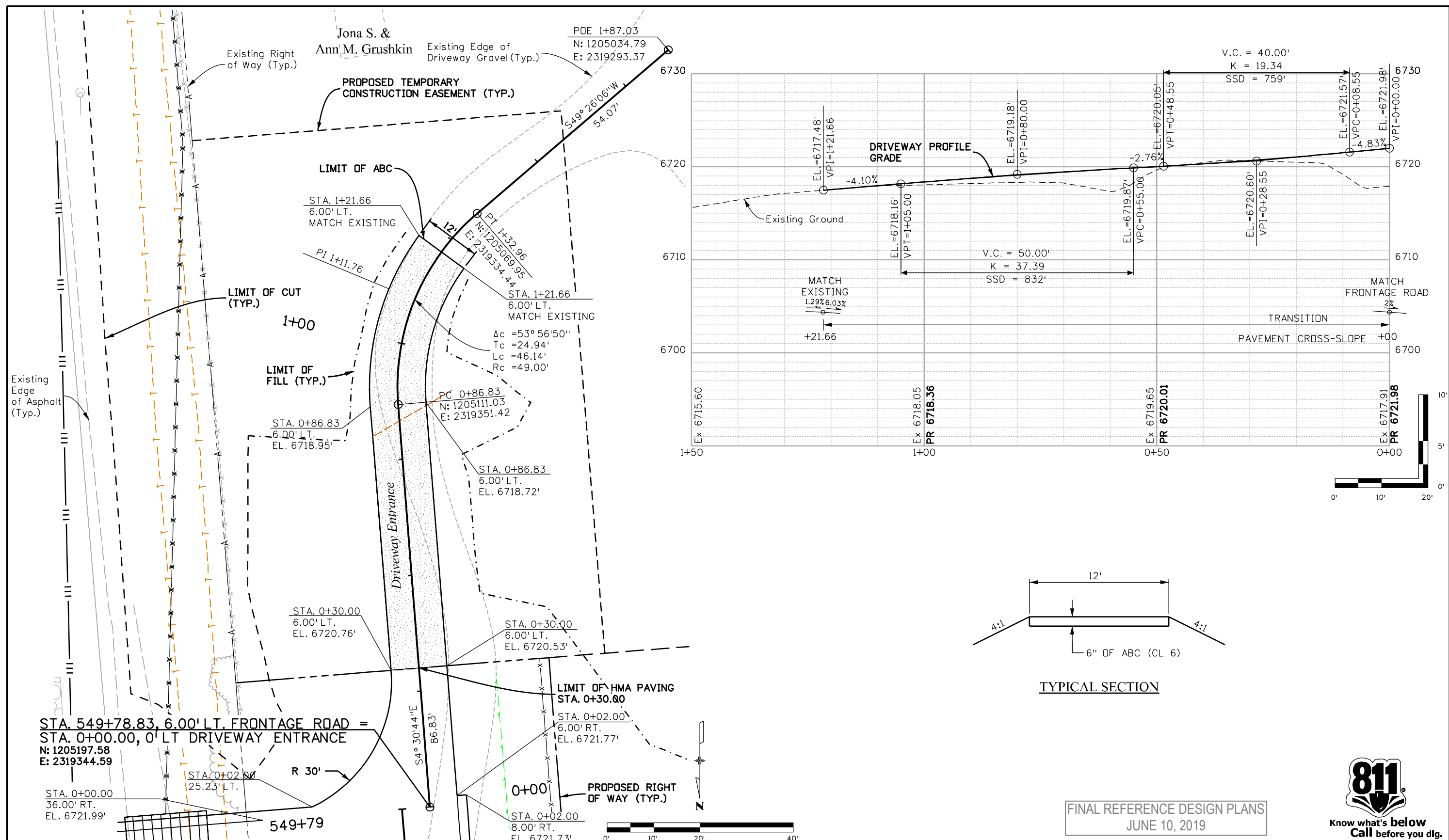
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22420

Sheet Number **107**

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JUNE 10, 2019



Print Date: 5/2/2019
Drawing File Name: 22420DES_Access Plan.dgn
Horiz. Scale: 1:20 Vert. Scale: As Noted
Unit Information Unit Leader Initials
MULLER ENGINEERING COMPANY

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

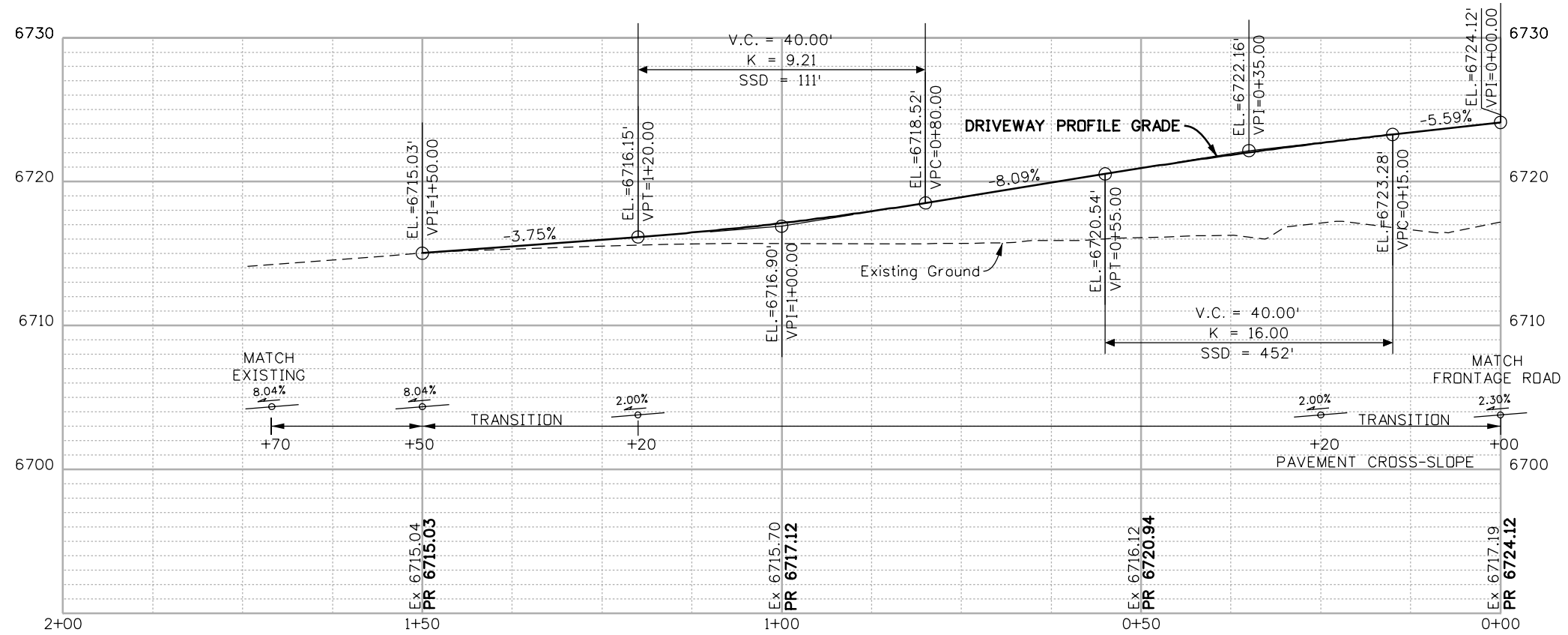
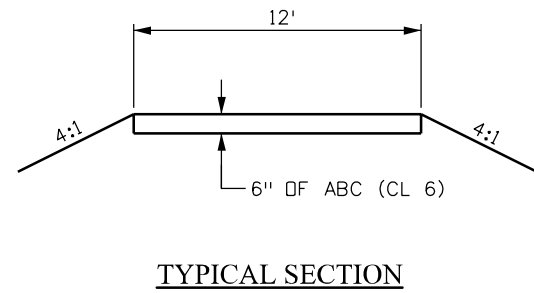
3803 North Main Avenue
Durango, CO 81301
Phone: 970-385-1440 FAX: 970-385-8365

Region 5 DRV

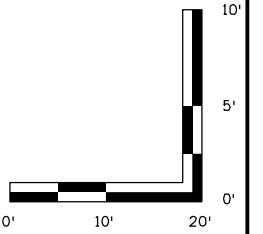
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Detailer:	LMR	Numbers	
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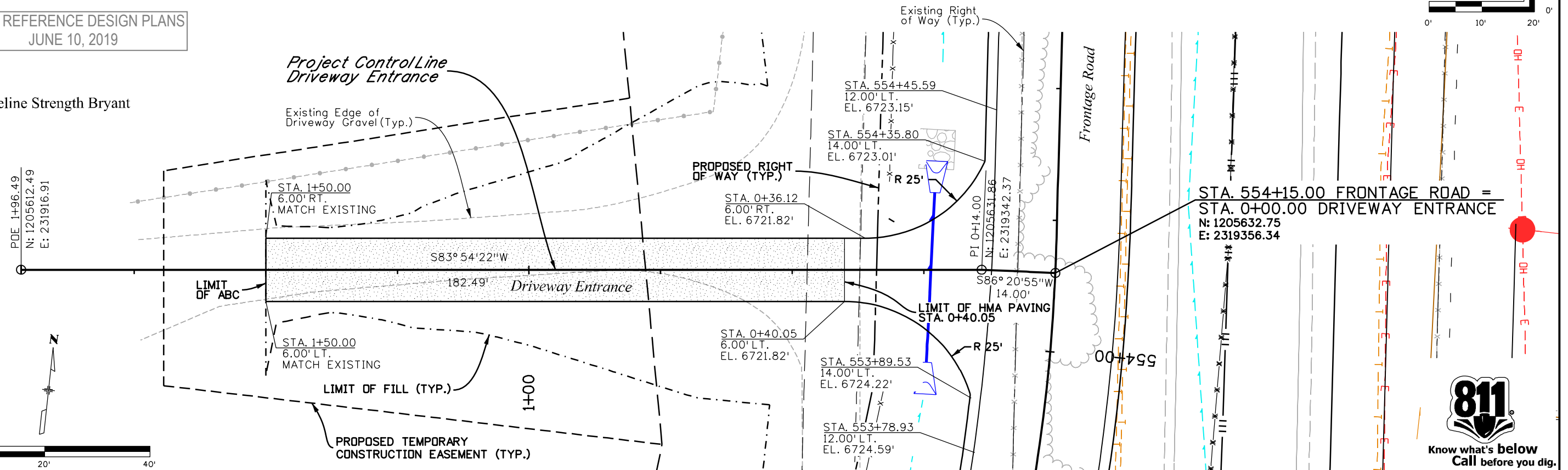
Project No./Code
NHPP 5501-029
22420
Sheet Number 108



FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



Adeline Strength Bryant



Print Date: 5/2/2019
Drawing File Name: 22420DES_Access Plan42.dgn
Horiz. Scale: 1:20
Unit Information

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
Region 5
3803 North Main Avenue
Durango, CO 81301
Phone: 970-385-1440 FAX: 970-385-8365
DRV

As Constructed
No Revisions:
Revised:
Void:

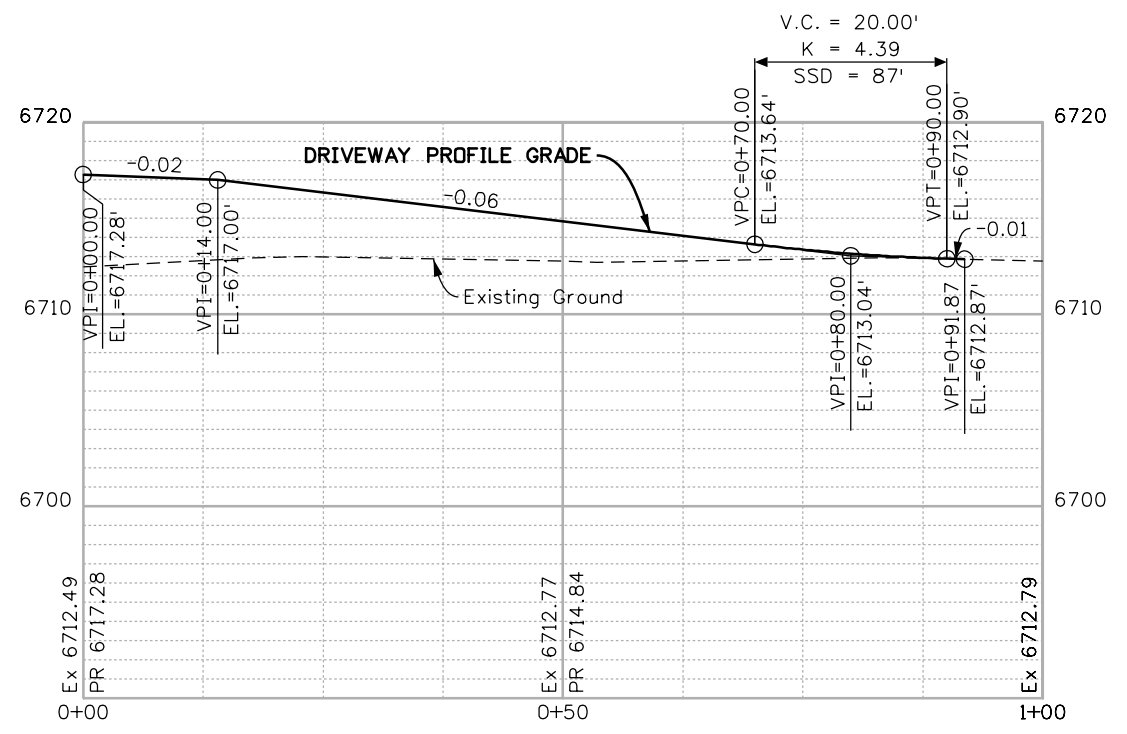
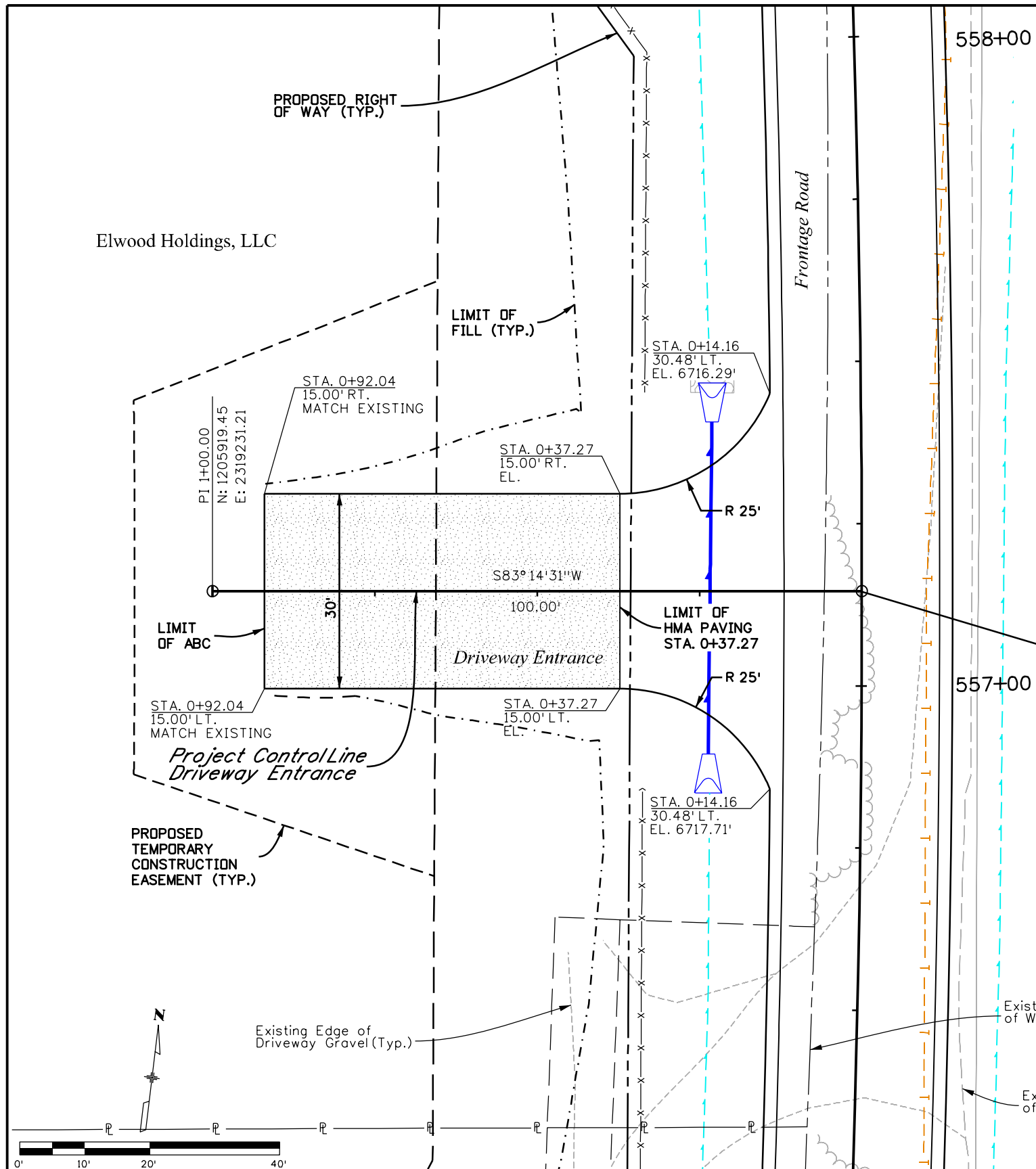
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Detailer: LMR	
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Project No./Code
NHPP 5501-029
22420
Sheet Number 109

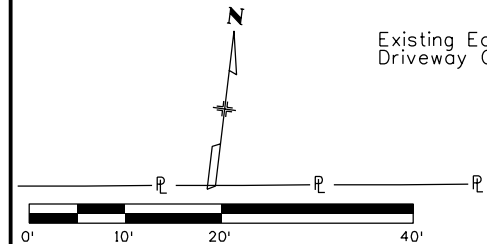
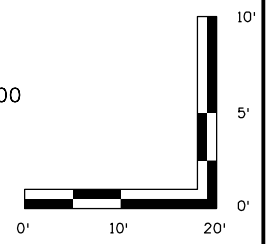
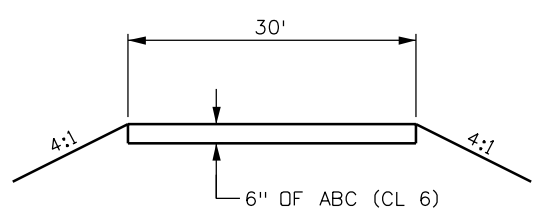


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STA. 557+14.55 LT. FRONTAGE ROAD =
STA. 0+00.00 DRIVEWAY ENTRANCE
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 E: 2319330.52



FINAL REFERENCE DESIGN PLANS
 JUNE 10, 2019



Print Date: 5/2/2019	
Drawing File Name: 22420DES_Access Plan43.dgn	
Horiz. Scale: 1:20	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

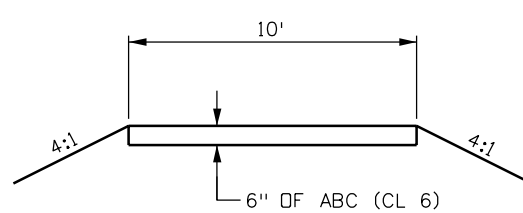
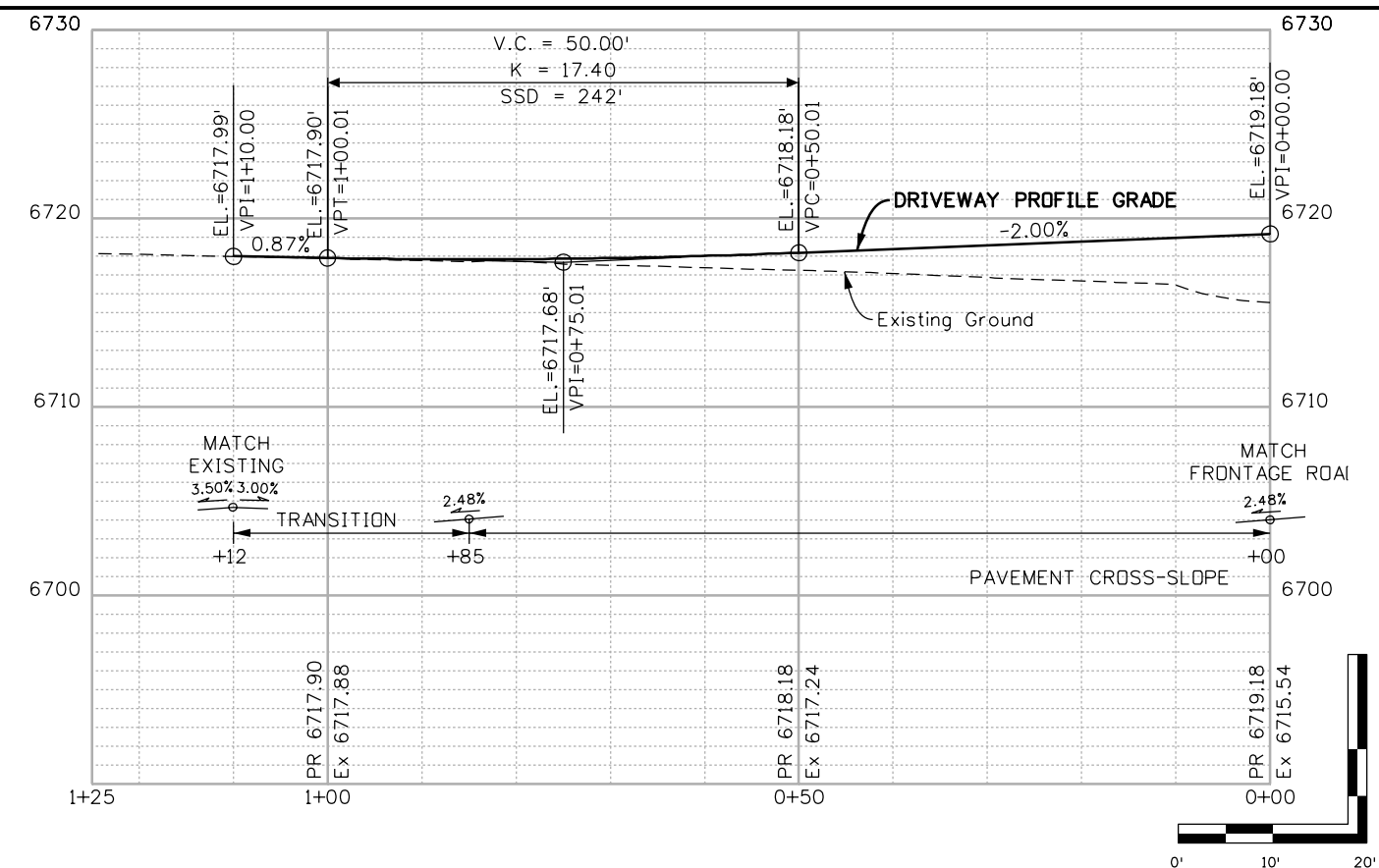
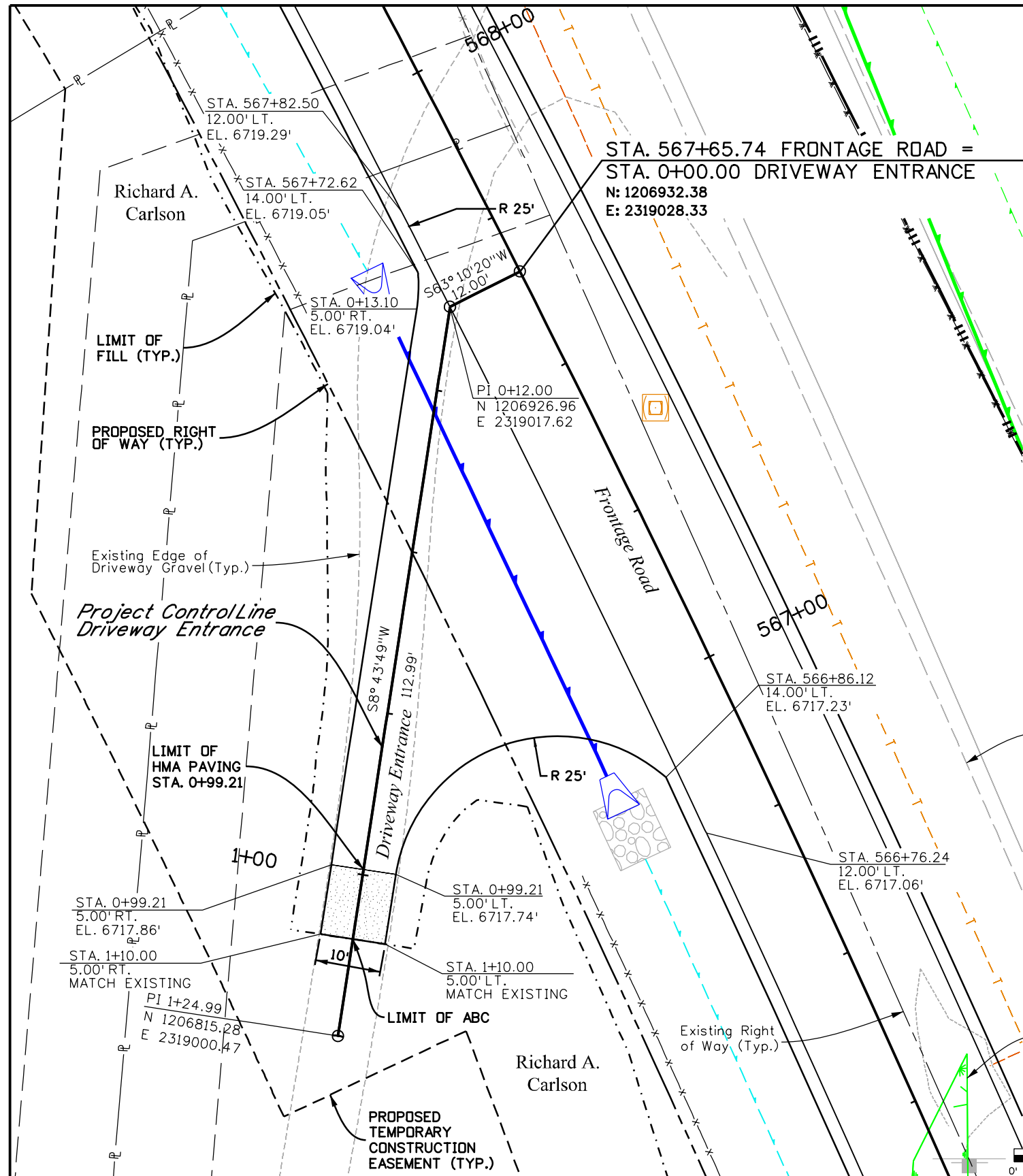
 3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

As Constructed
No Revisions:
Revised:
Void:

ACCESS PLAN AND PROFILE DRIVEWAY ENTRANCE STA. 557+15 LT.			
Designer:	SDB	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	ACCESS	Subset Sheets:	43 of 53

Project No./Code
NHPP 5501-029
22420
Sheet Number 110

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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



Print Date: 5/2/2019	0000
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Unit Information Unit Leader Initials	
MULLER ENGINEERING COMPANY	

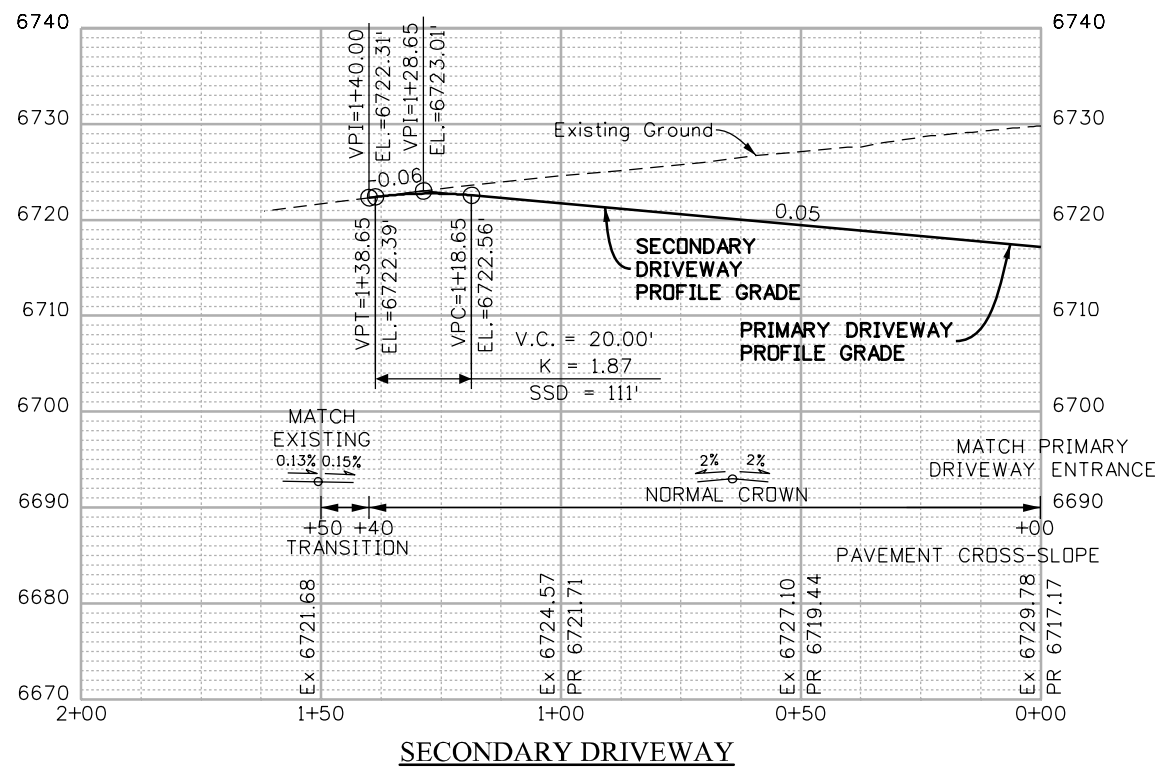
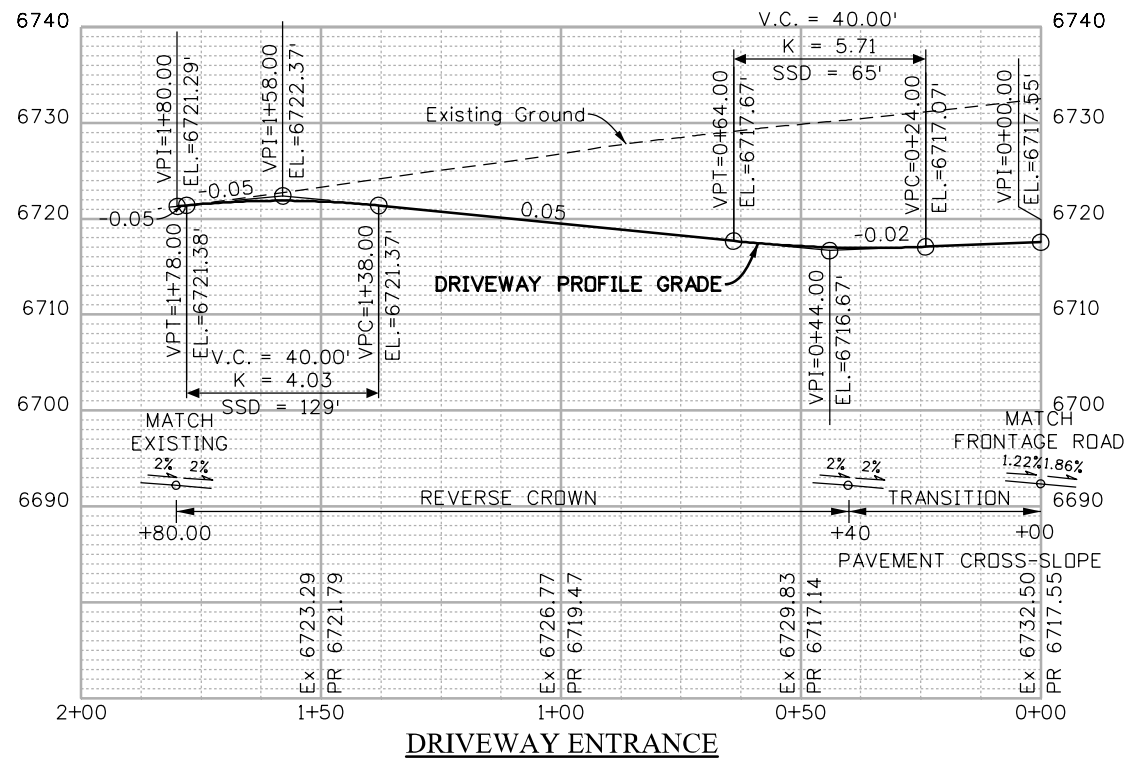
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Date:	Comments	Init.

Colorado Department of Transportation
 3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

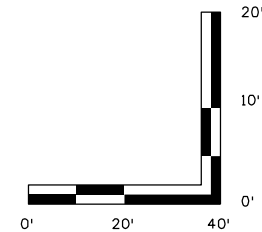
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Project No./Code
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22420
Sheet Number 111



FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



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Horiz. Scale: 1:40	Vert. Scale: As Noted
Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation



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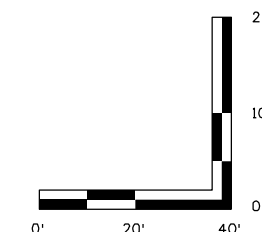
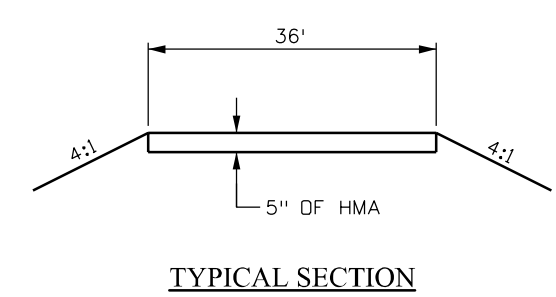
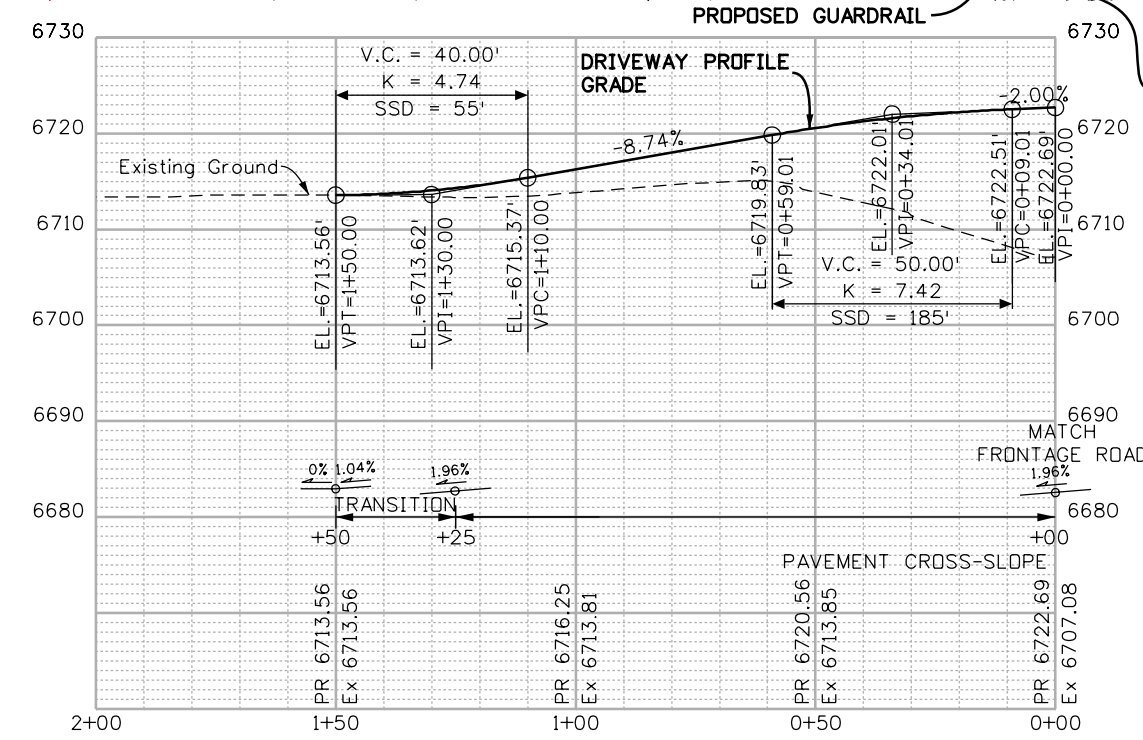
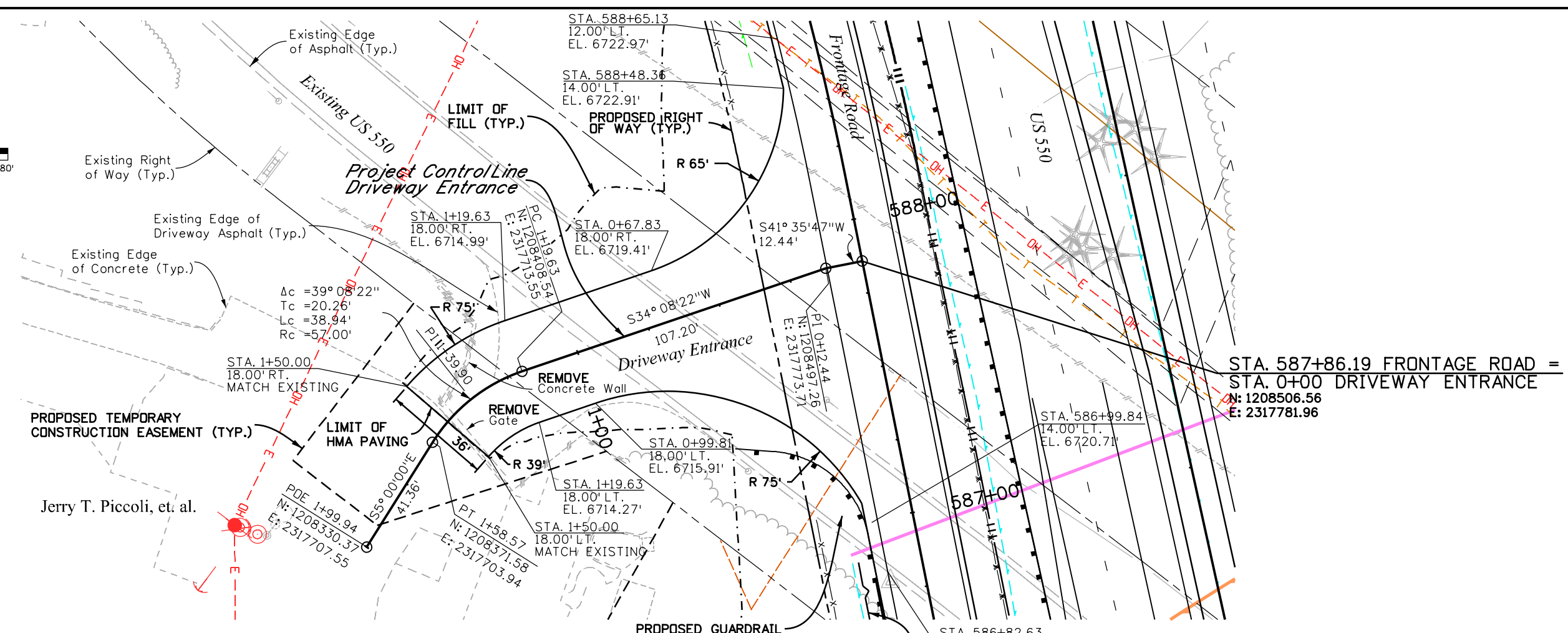
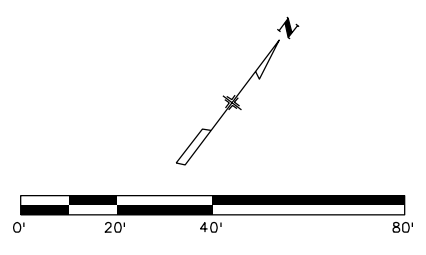
Region 5 **DRV**

As Constructed
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Project No./Code
NHPP 5501-029
22420
Sheet Number 113

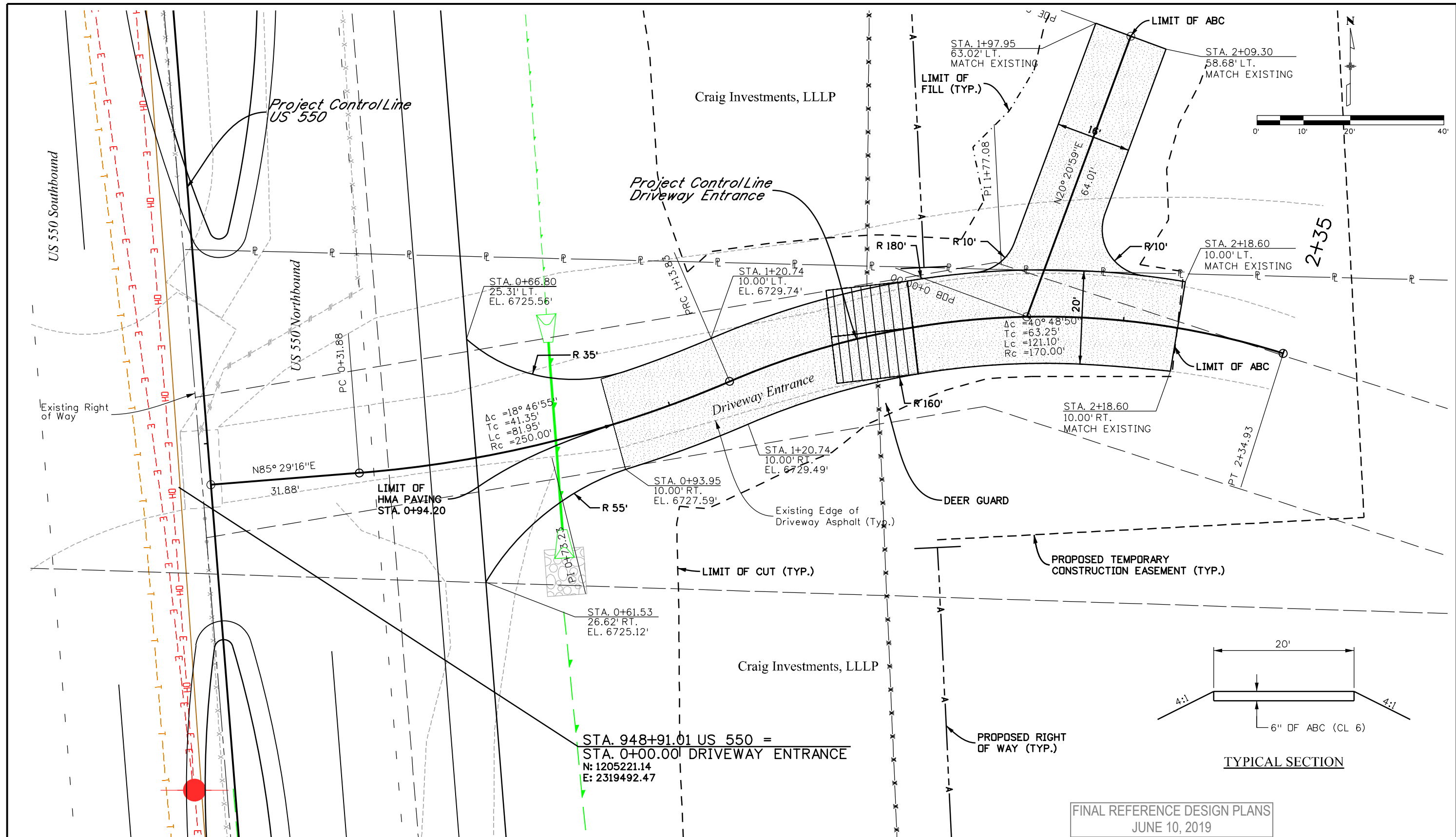
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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019

Print Date: 5/2/2019		Sheet Revisions		Colorado Department of Transportation		As Constructed		ACCESS PLAN AND PROFILE DRIVEWAY ENTRANCE STA. 587+86.19 LT.		Project No./Code	
Drawing File Name: 22420DES_Access Plan48.dgn		Date:	Comments	Init.	 3803 North Main Avenue Durango, CO 81301 Phone: 970-385-1440 FAX: 970-385-8365	No Revisions:		Designer: ACC		NHPP 5501-029	
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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019

Print Date: 5/2/2019	
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Horiz. Scale: 1:20	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

3803 North Main Avenue
Durango, CO 81301
Phone: 970-385-1440 FAX: 970-385-8365

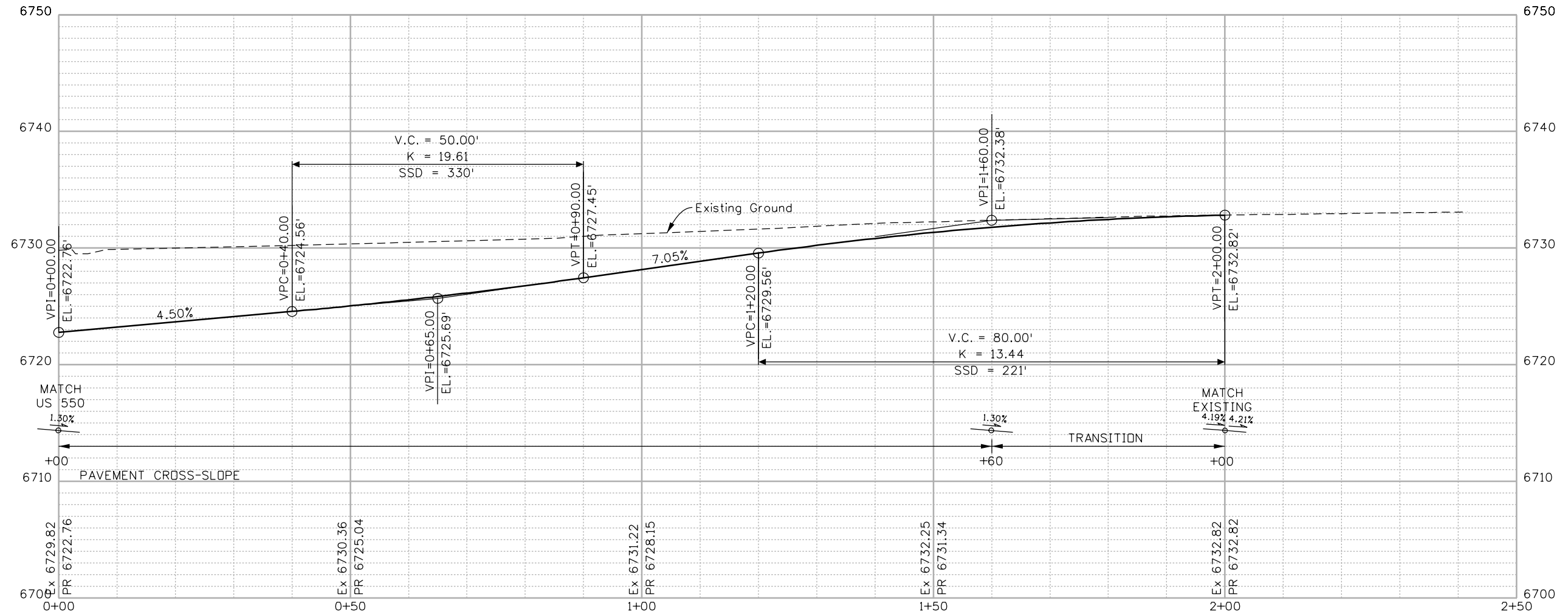
Region 5 DRV

As Constructed	
No Revisions:	
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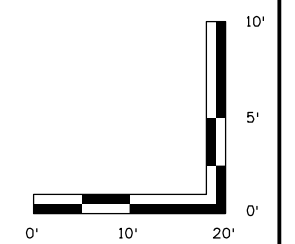
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Designer:	ACC	Structure	
Detailer:	LMR	Numbers	
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Project No./Code	
NHPP 5501-029	
22420	
Sheet Number	117

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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

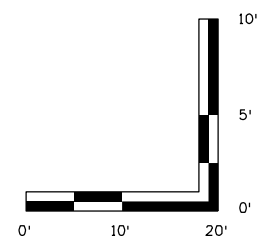
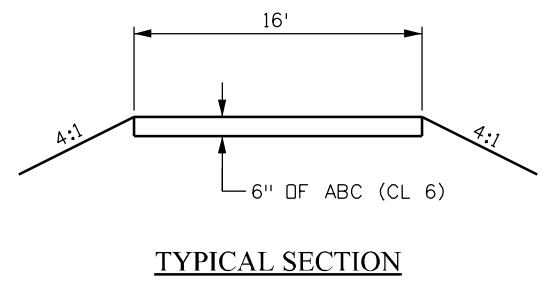
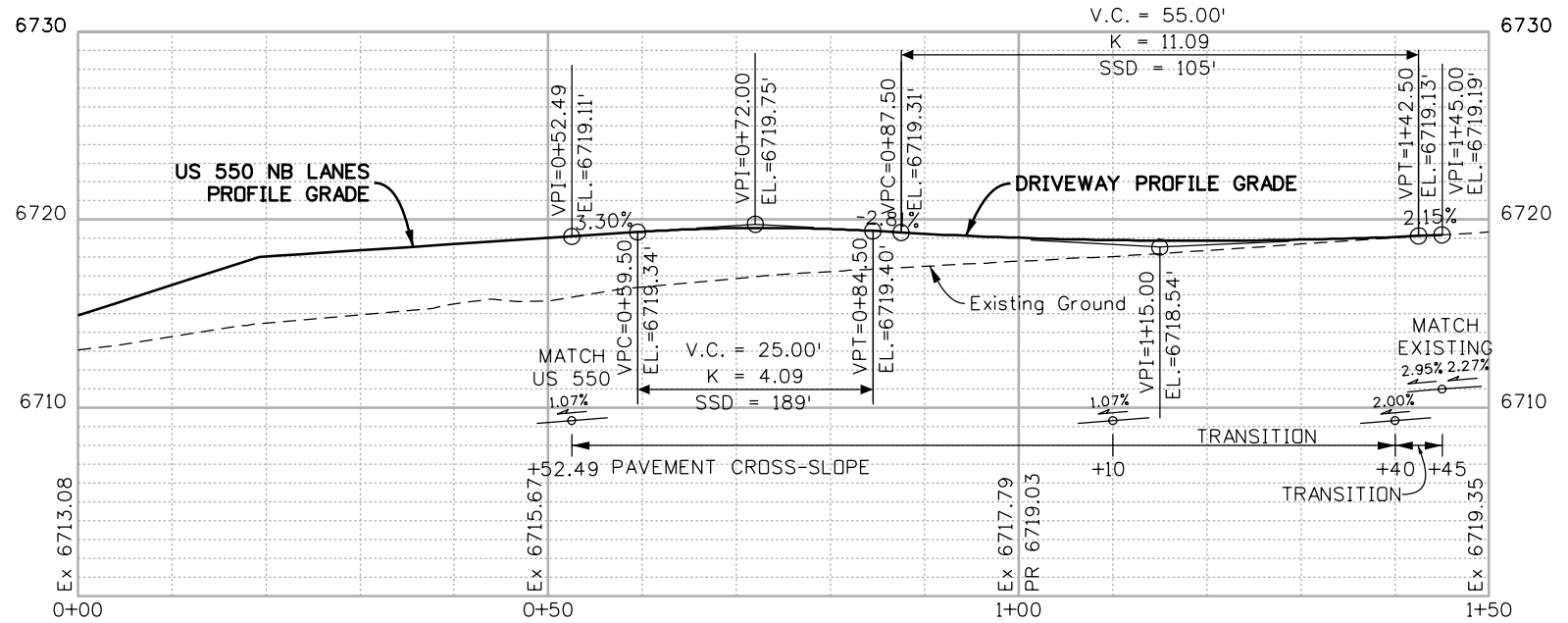
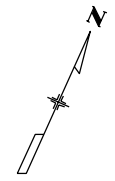
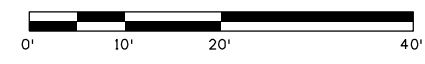
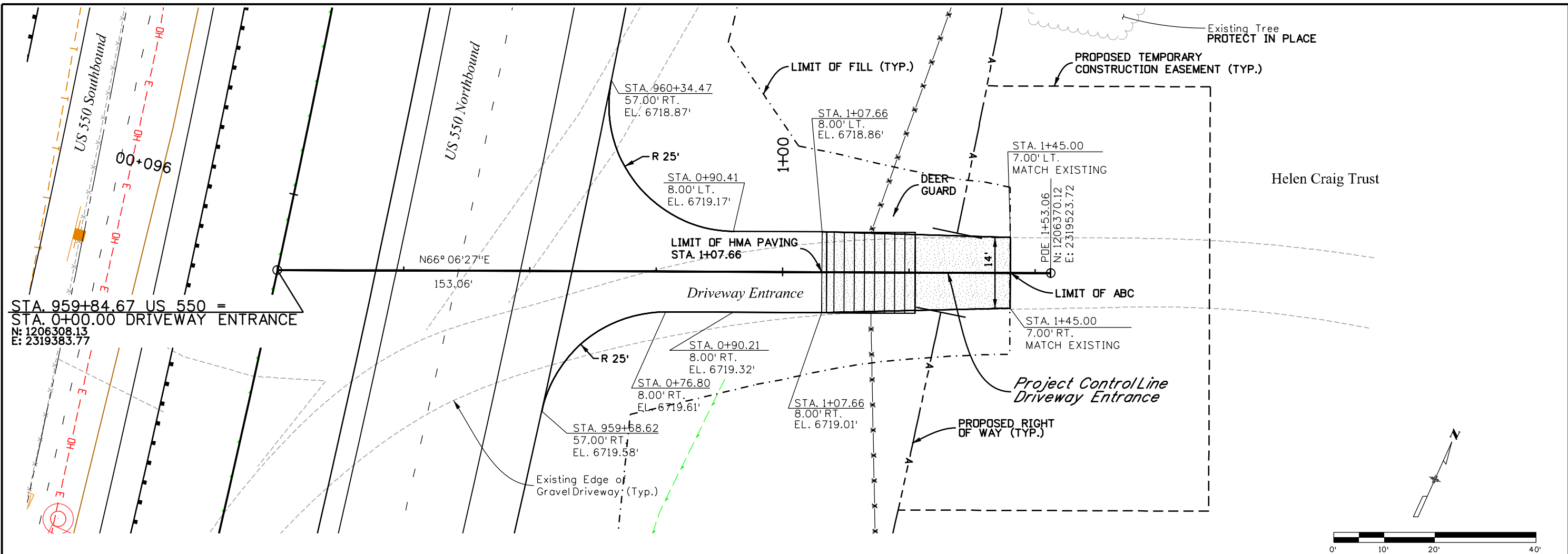
 3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

As Constructed
No Revisions:
Revised:
Void:

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Detailer:	LMR	Numbers	
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Project No./Code
NHPP 5501-029
22420
Sheet Number 118

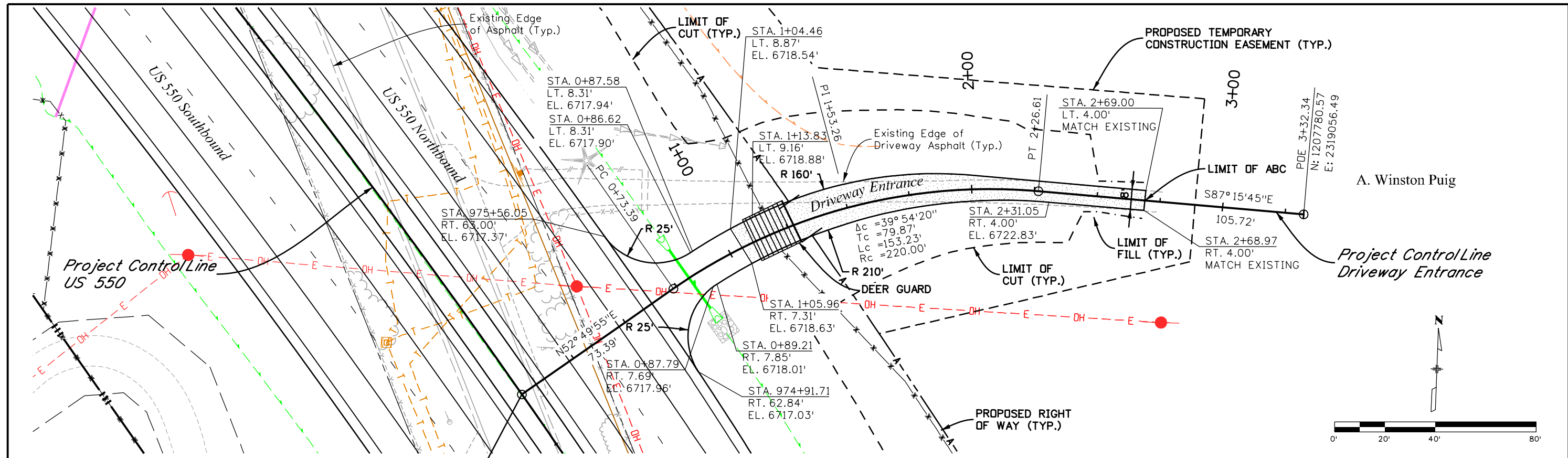
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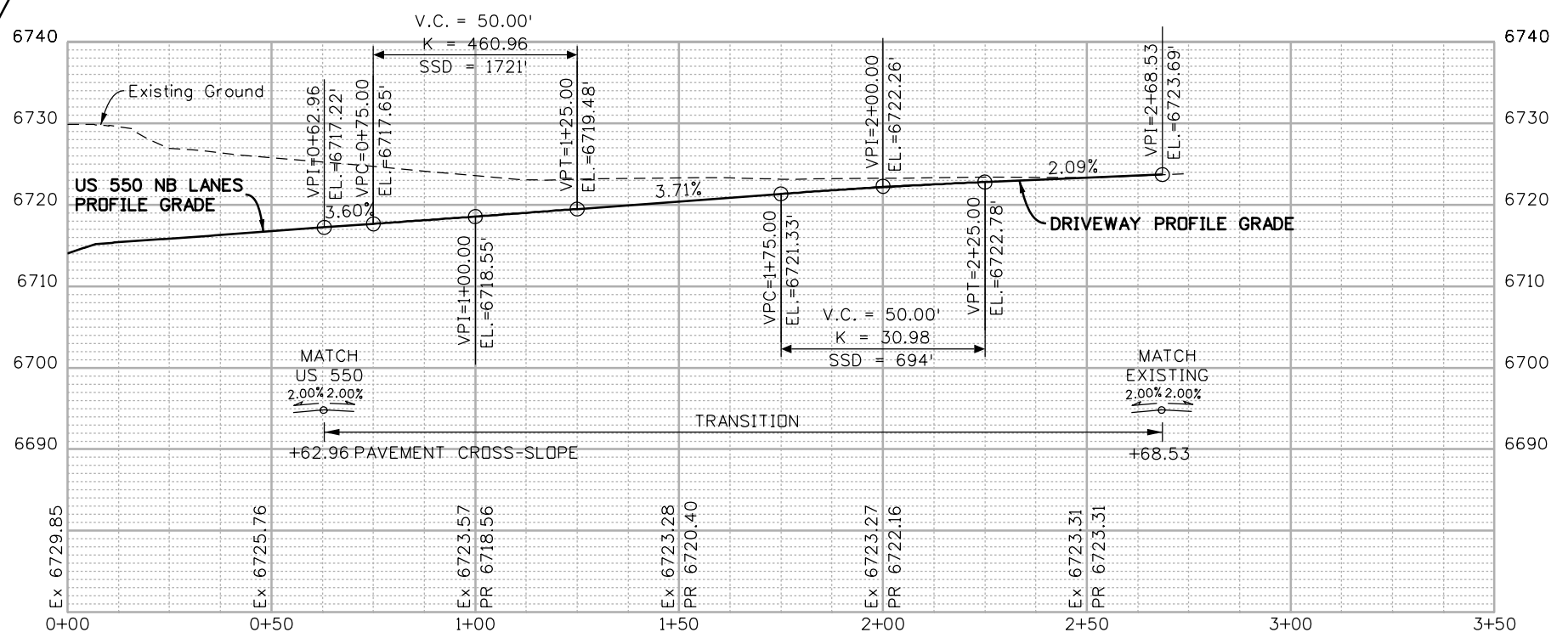
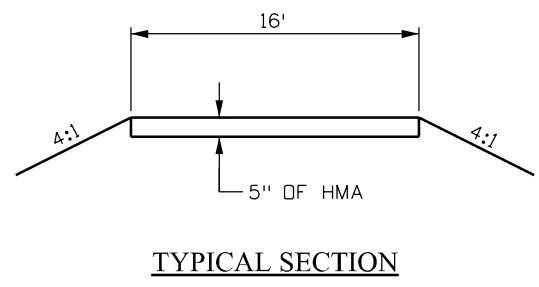
FINAL REFERENCE DESIGN PLANS
 JUNE 10, 2019

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Unit Information Unit Leader Initials					Void:		Sheet Subset: ACCESS		Subset Sheets: 52 of 53		Sheet Number 119
				 Region 5		DRV					

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STA. 975+23.96 US 550 =
 STA. 0+00 DRIVEWAY ENTRANCE
 N: 1207696.84
 E: 2318748.98



FINAL REFERENCE DESIGN PLANS
 JUNE 10, 2019

Print Date: 5/2/2019	
Drawing File Name: 22420DES_Access Plan53.dgn	
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Unit Information	Unit Leader Initials
MULLER ENGINEERING COMPANY	

Sheet Revisions		
Date:	Comments	Init.

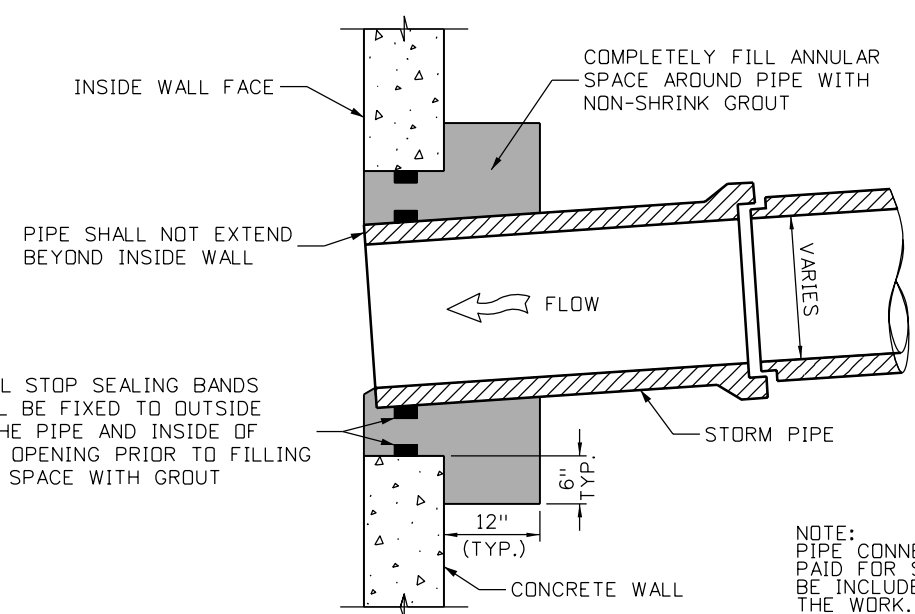
Colorado Department of Transportation
 3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

As Constructed
No Revisions:
Revised:
Void:

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Detailer: LMR	
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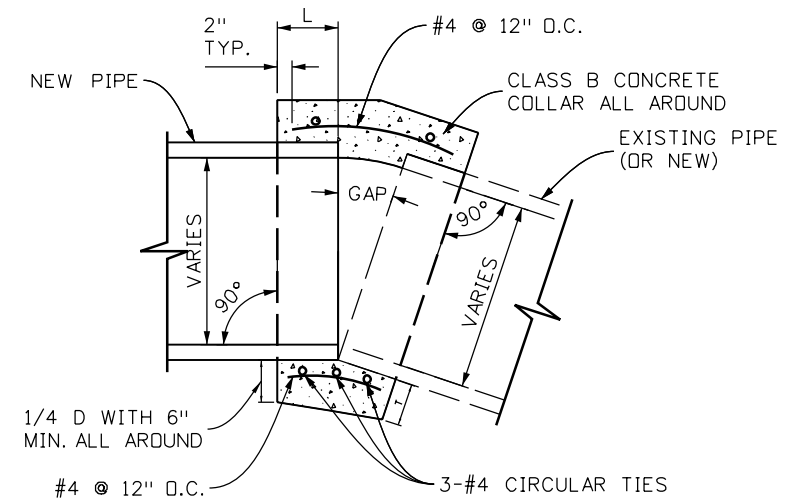
Project No./Code
NHPP 5501-029
22420
Sheet Number 120

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PIPE CONNECTION DETAIL
(EXISTING AND PRECAST WALLS)
N.T.S.

NOTE:
PIPE CONNECTION WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE WORK.



PIPE CONNECTION COLLAR DETAIL
N.T.S.

NOTE:
PIPE COLLARS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE WORK. REBAR TO BE REINFORCING STEEL (EPOXY COATED).

PIPE SIZE	L	T
12"-24"	1.0'	6"
30"-42"	1.5'	8"
48"-60"	2.0'	11"

FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



Know what's below
Call before you dig.

Print Date: 2/27/2019
 Drawing File Name: 22420HYDR-Detail01.dgn
 Horiz. Scale: 1:1 Vert. Scale: As Noted
 Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 Region 5

3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
 DRV

As Constructed

No Revisions: Revised: Void:

DRAINAGE DETAILS

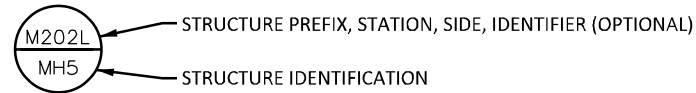
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Detailer:	MC2		
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Project No./Code

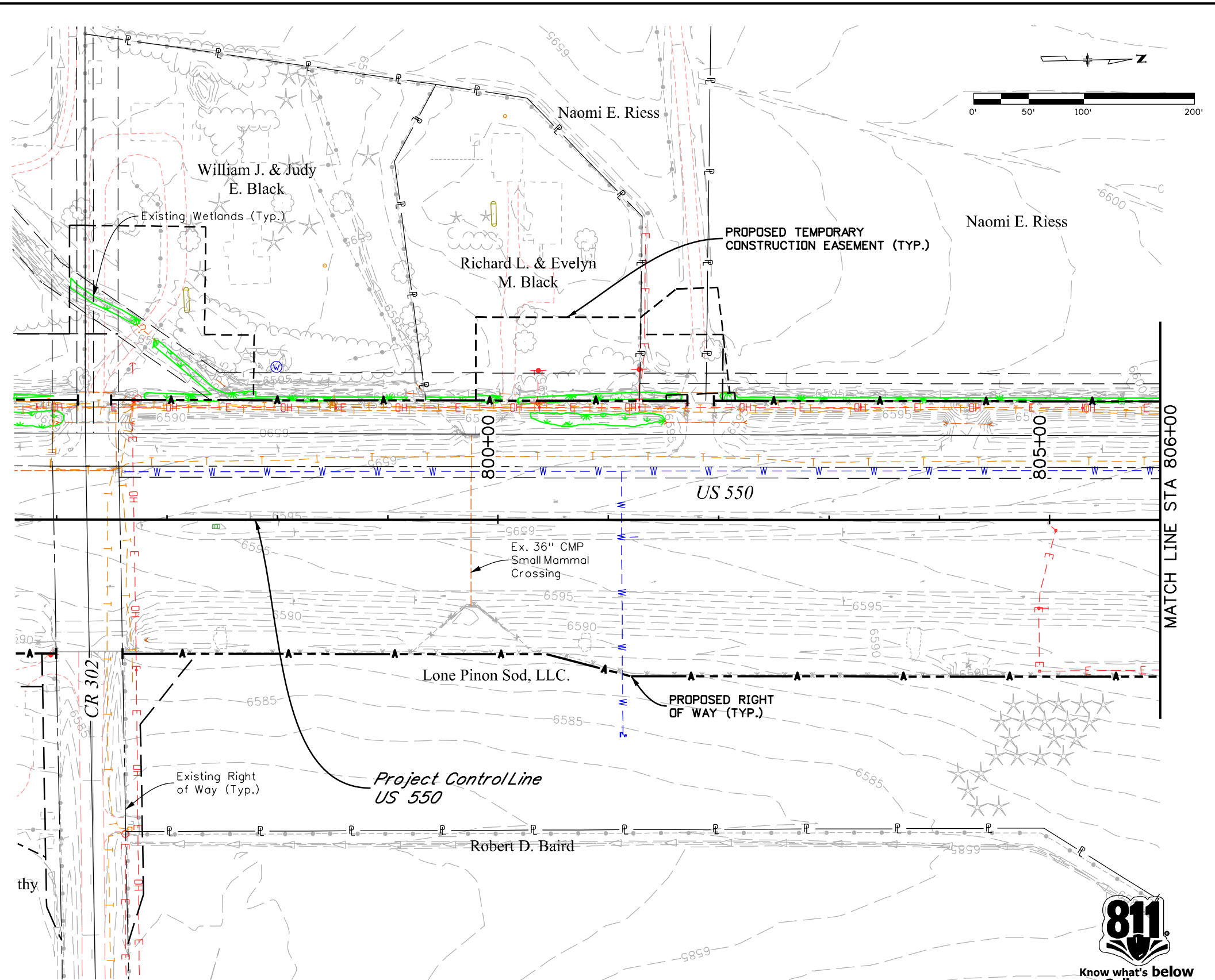
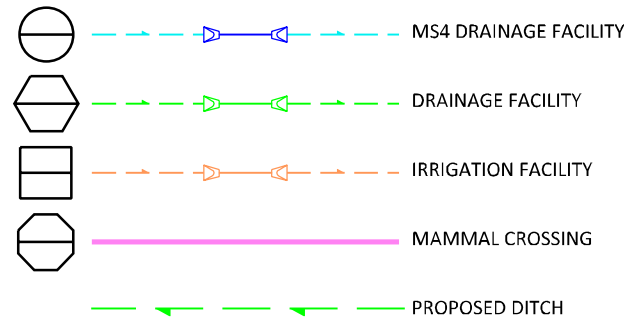
NHPP 5501-029
22420
Sheet Number 121

DRAINAGE LEGEND

STRUCTURE PREFIX	STRUCTURE TYPE
H	HEADWALL
I	INLET
M	MANHOLE
F	FLARED END SECTION



STRUCTURE IDENTIFICATION	STRUCTURE TYPE
C	INLET TYPE C
D	INLET TYPE D
FES	FLARED END SECTION
MHB	MANHOLE BOX BASE
MHX	MANHOLE SLAB BASE (X DIAMETER)
MHS	MANHOLE SLAB BASE (SPECIAL)
OS	OUTLET STRUCTURE
PE	PIPE END
RX	INLET TYPE R (X LENGTH)
VGS	INLET VANE GRATE (SINGLE)
VGD	INLET VANE GRATE (DOUBLE)
HW	HEADWALL



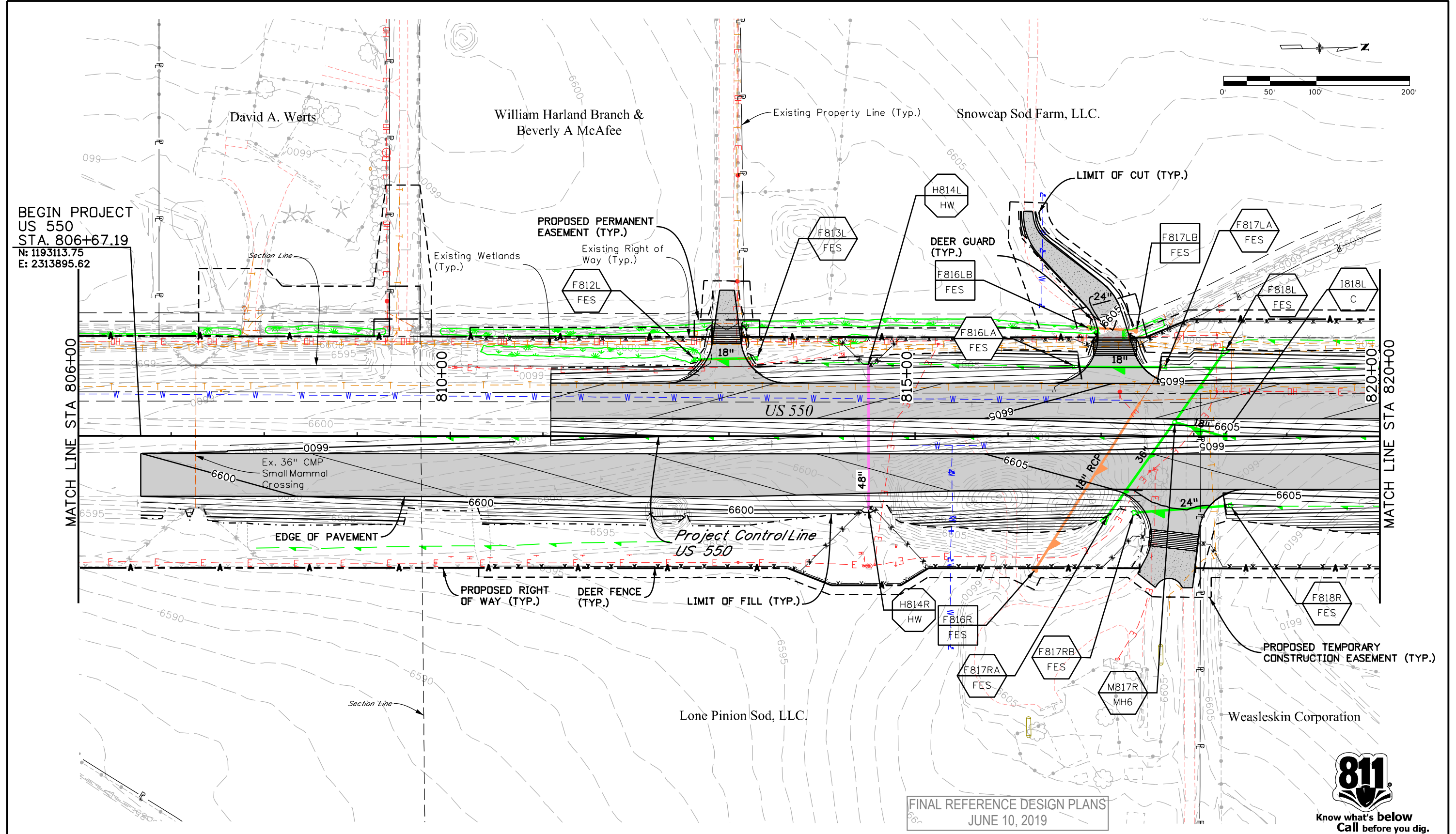
FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



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Print Date: 5/2/2019		Sheet Revisions Date: Comments Init.			Colorado Department of Transportation 3803 North Main Avenue Durango, CO 81301 Phone: 970-385-1440 FAX: 970-385-8365 Region 5	As Constructed No Revisions: Revised: Void:	US 550 DRAINAGE PLAN STA. 792+00 TO STA. 806+00			Project No./Code NHPP 5501-029 22420 Sheet Number 122	
Drawing File Name: 22420HYDR_Plan01.dgn		Unit Information	Unit Leader Initials				Designer: ACF Detailer: LMR	Structure Numbers	Sheet Subset: DRAINAGE		Subset Sheets: 1 of 19
Horiz. Scale: 1:100											

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FINAL REFERENCE DESIGN PLANS
JUNE 10, 2019



Print Date: 5/2/2019	0000
Drawing File Name: 22420HYDR_Plan02.dgn	
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Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation

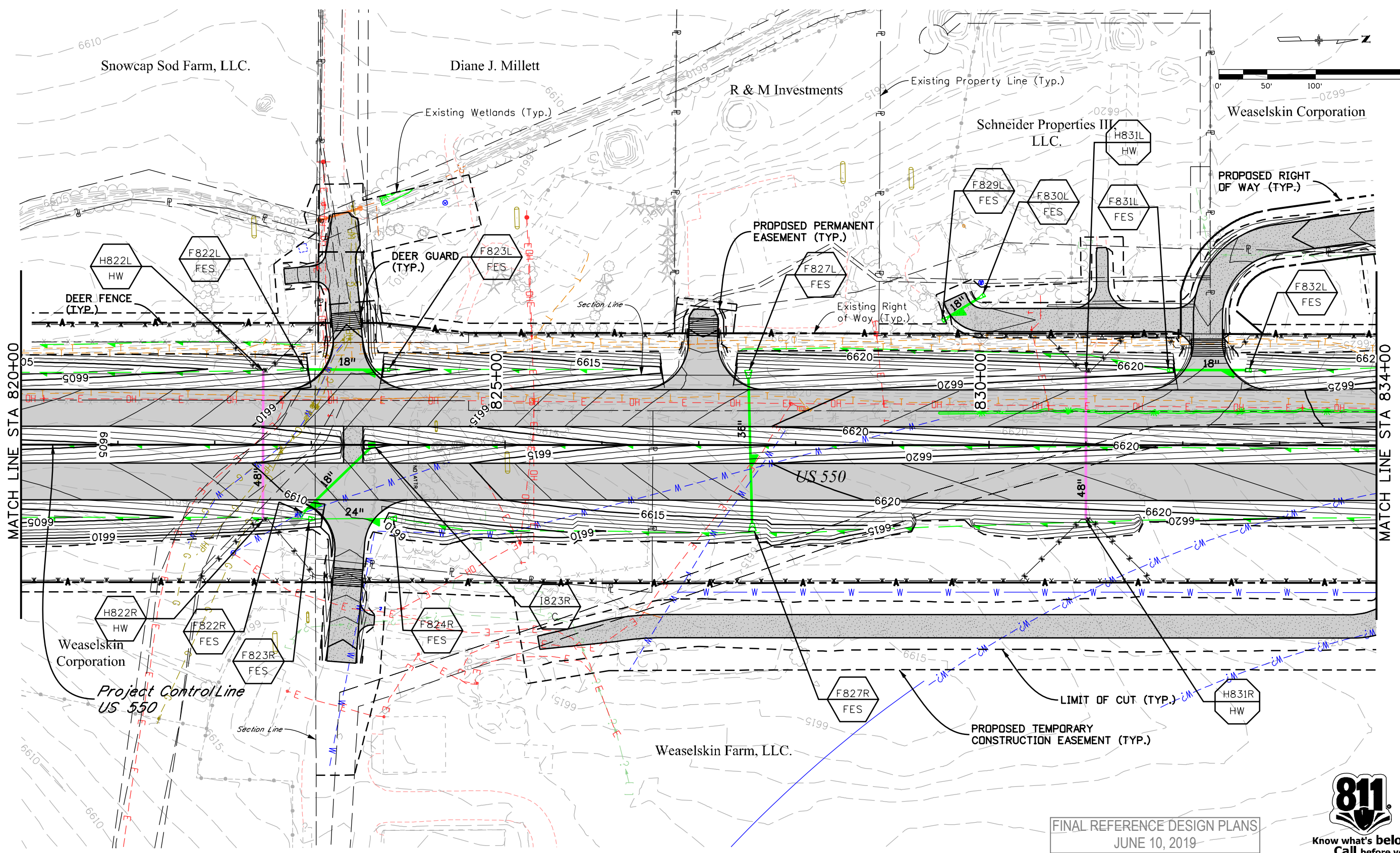
 3803 North Main Avenue
 Durango, CO 81301
 Phone: 970-385-1440 FAX: 970-385-8365
Region 5 **DRV**

As Constructed
No Revisions:
Revised:
Void:

US 550 DRAINAGE PLAN			
STA. 806+00 TO STA. 820+00			
Designer:	CHH	Structure	
Detailer:	LMR	Numbers	
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Project No./Code
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22420
Sheet Number 123

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Unit Information	Unit Leader Initials
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Date:	Comments	Init.

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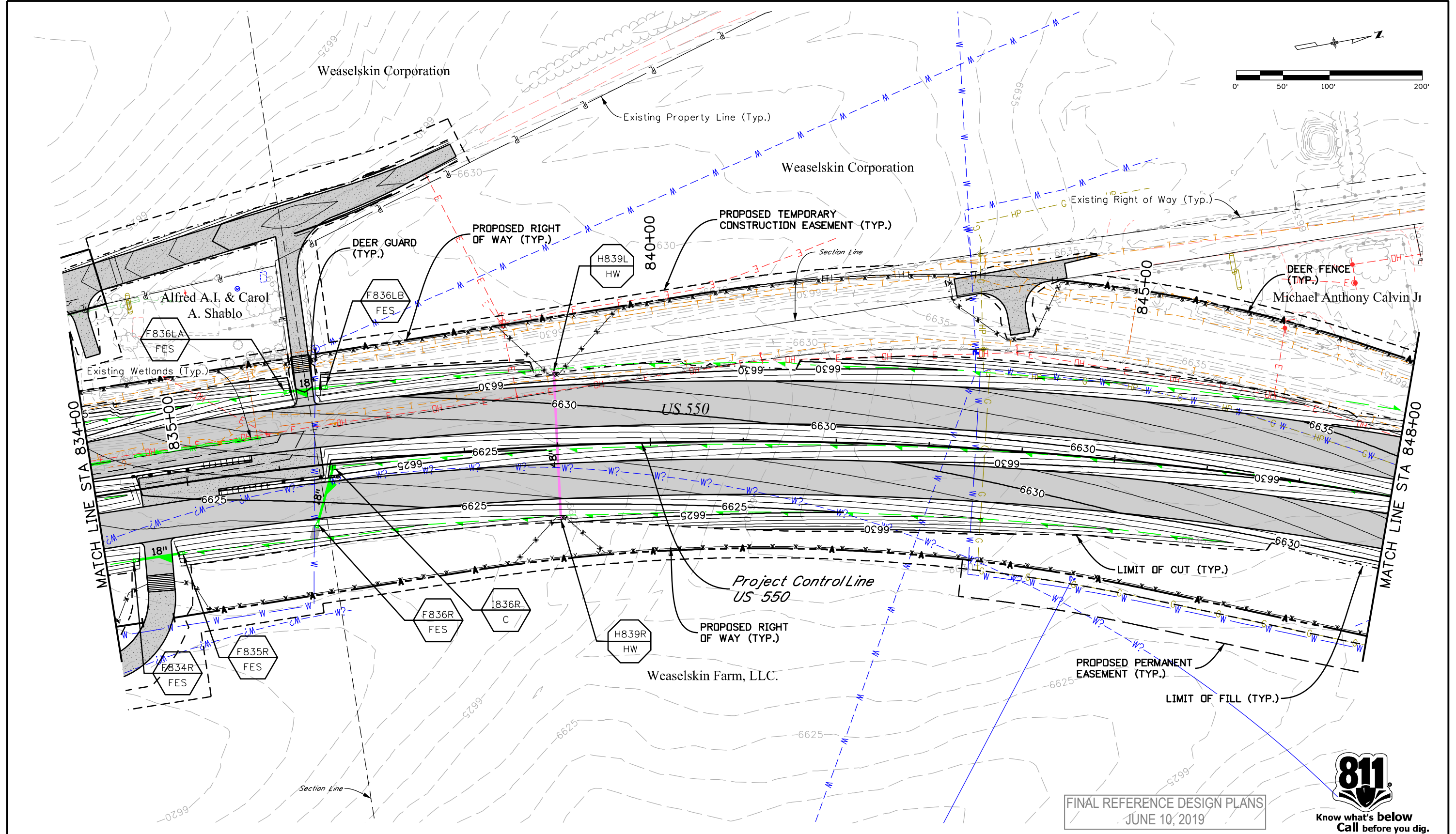
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Project No./Code
NHPP 5501-029
22420
Sheet Number 124

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Date:	Comments	Init.

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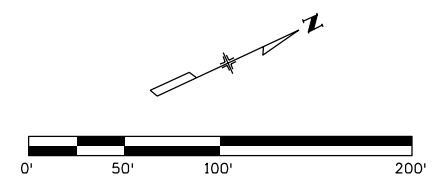
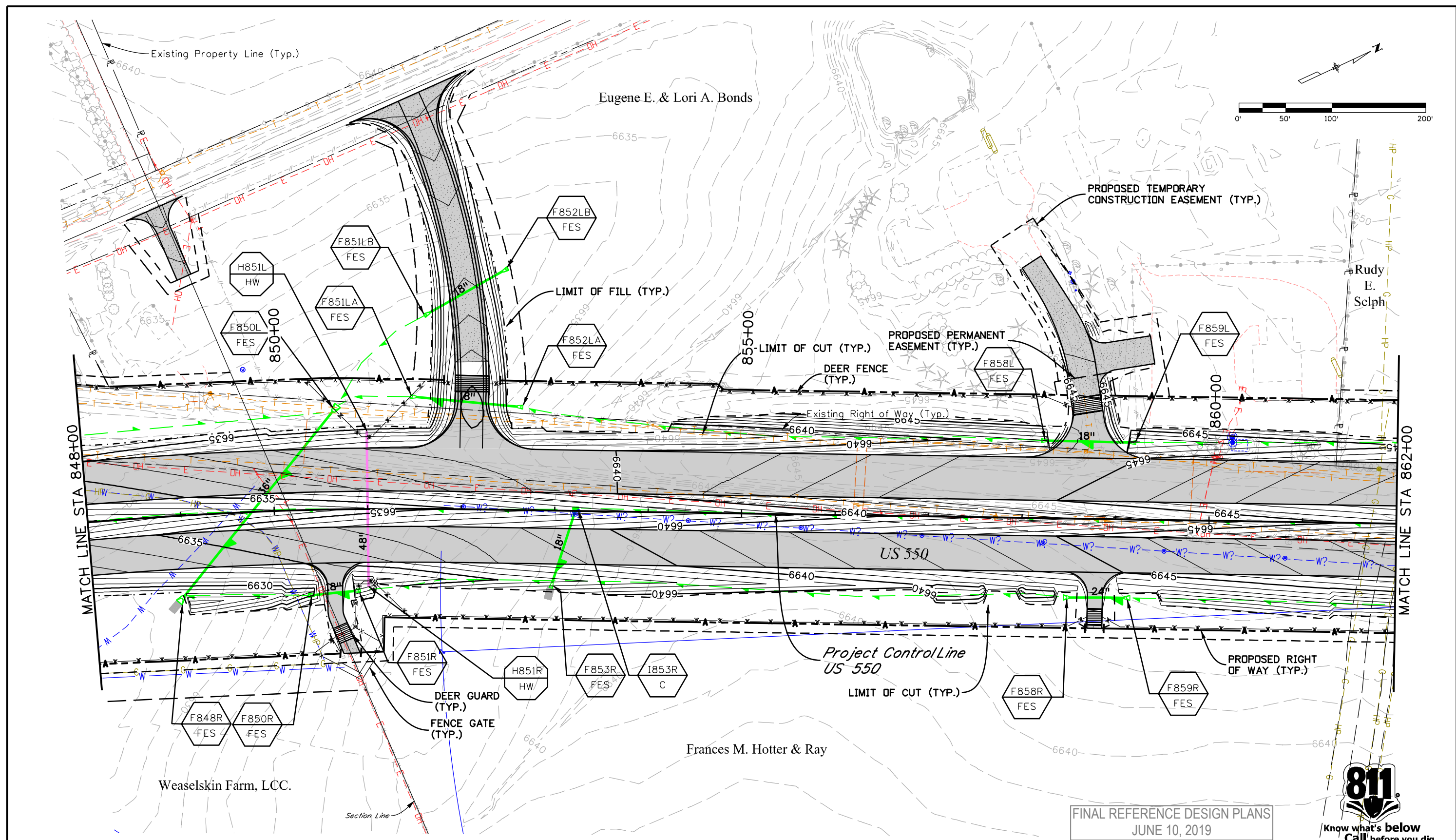
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22420
Sheet Number 125

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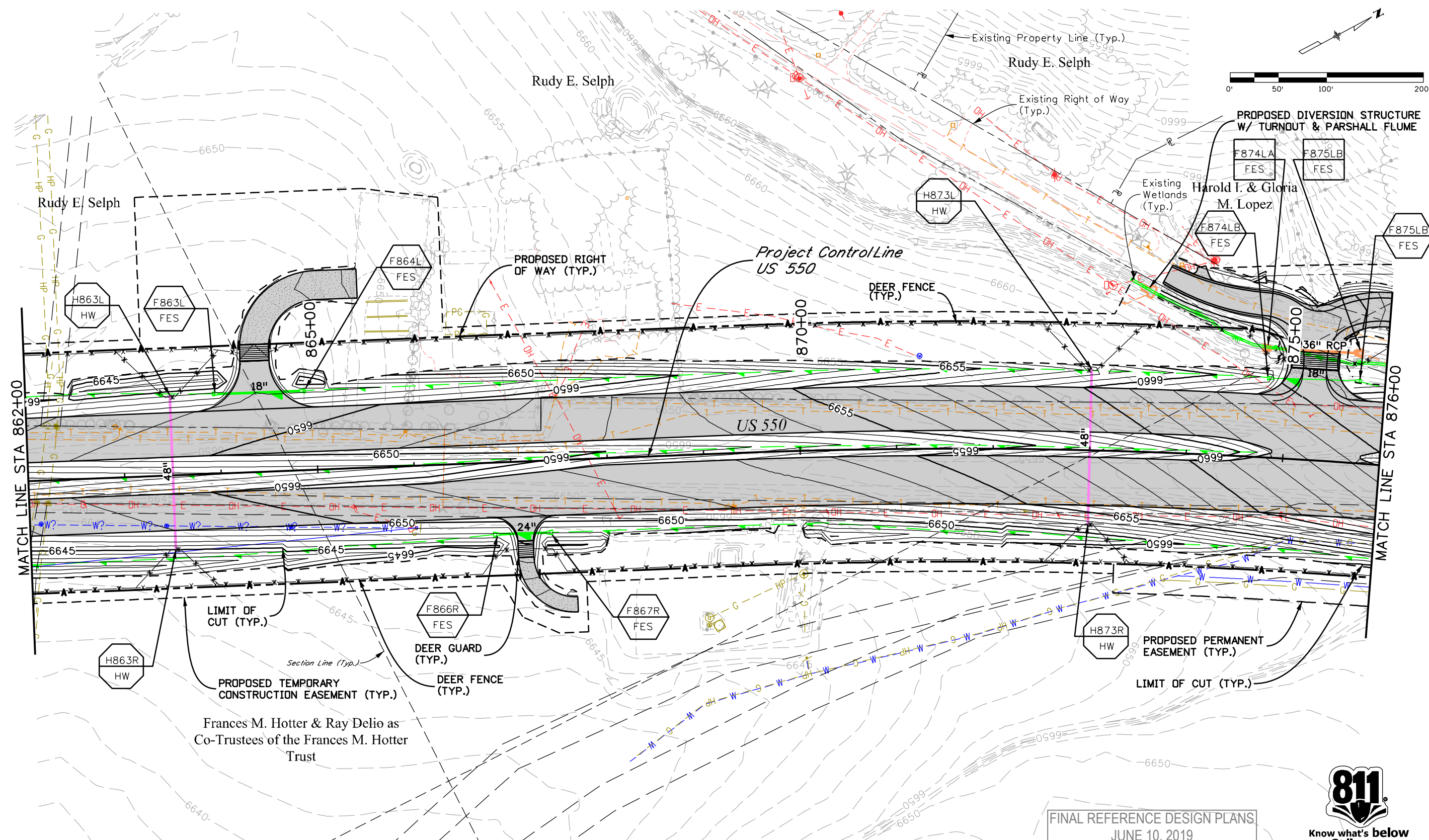
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Sheet Number 126

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Frances M. Hotter & Ray Delio as
 Co-Trustees of the Frances M. Hotter
 Trust

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Unit Information	Unit Leader Initials

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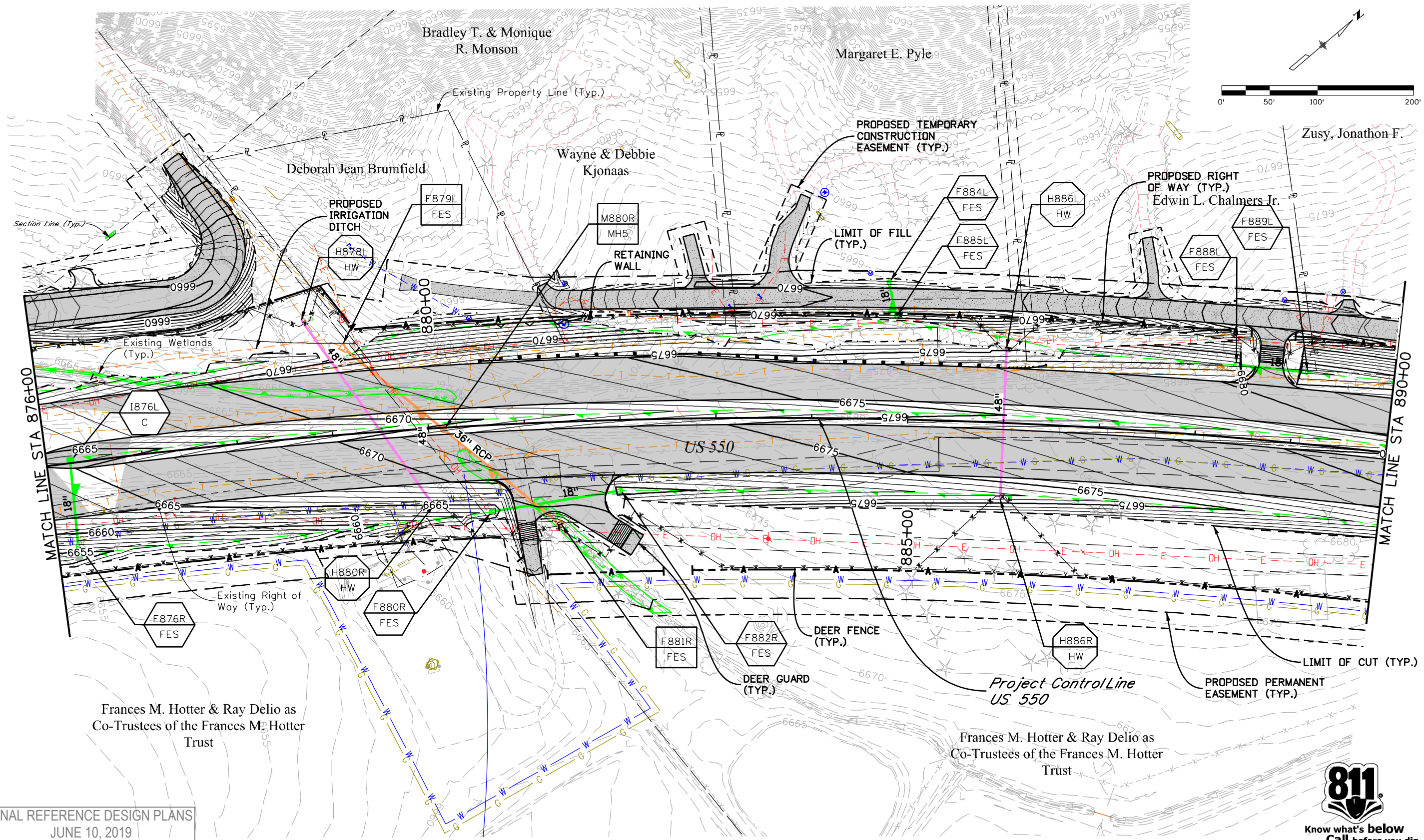
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US 550 DRAINAGE PLAN			
STA. 862+00 TO STA. 876+00			
Designer:	CHH	Structure	
Detailer:	LMR	Numbers	
Sheet Subset:	DRAINAGE	Subset Sheets:	6 of 19

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Unit Information Unit Leader Initials	

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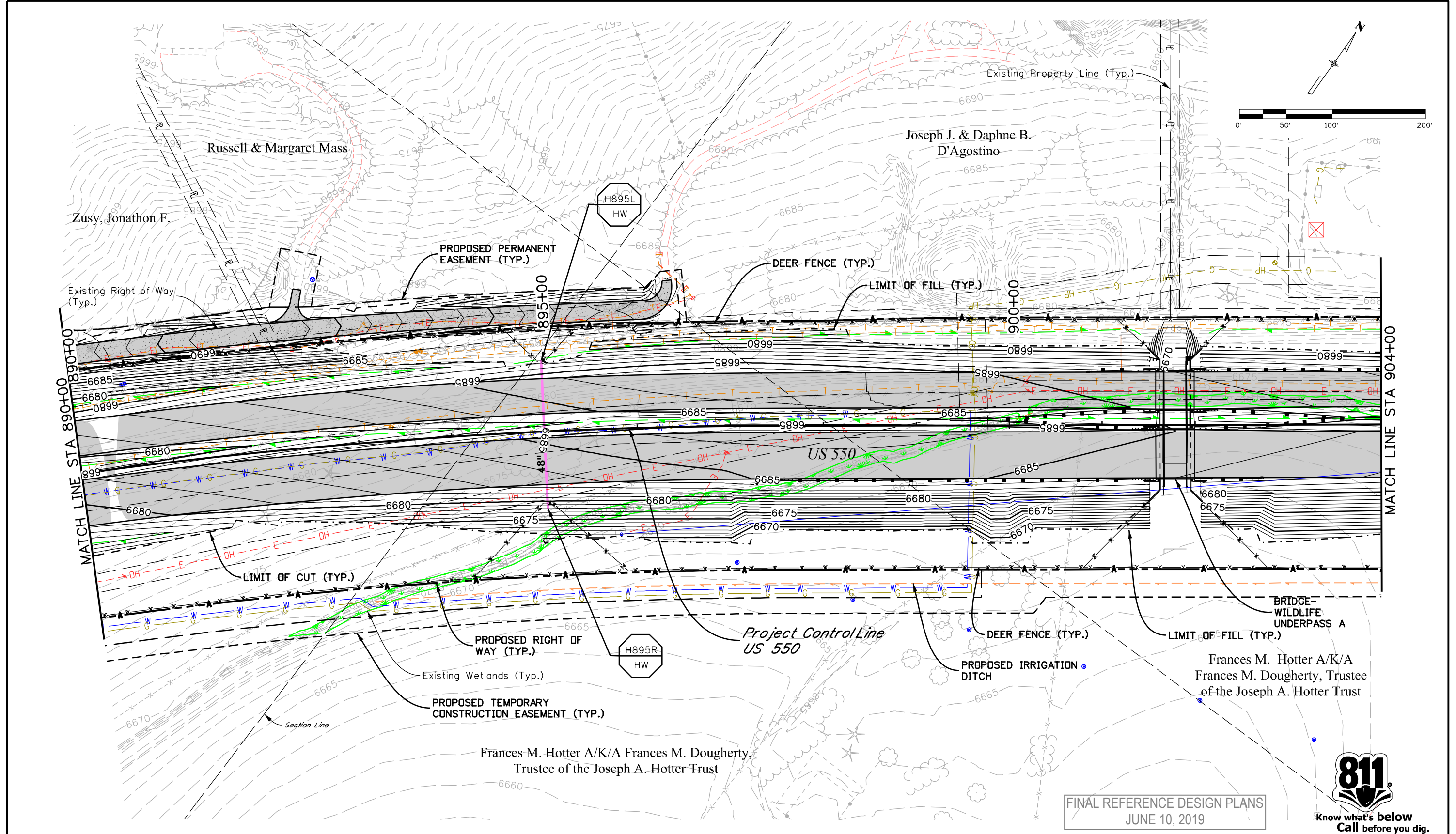
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JUNE 10, 2019



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Unit Information	Unit Leader Initials
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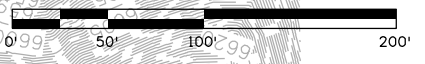
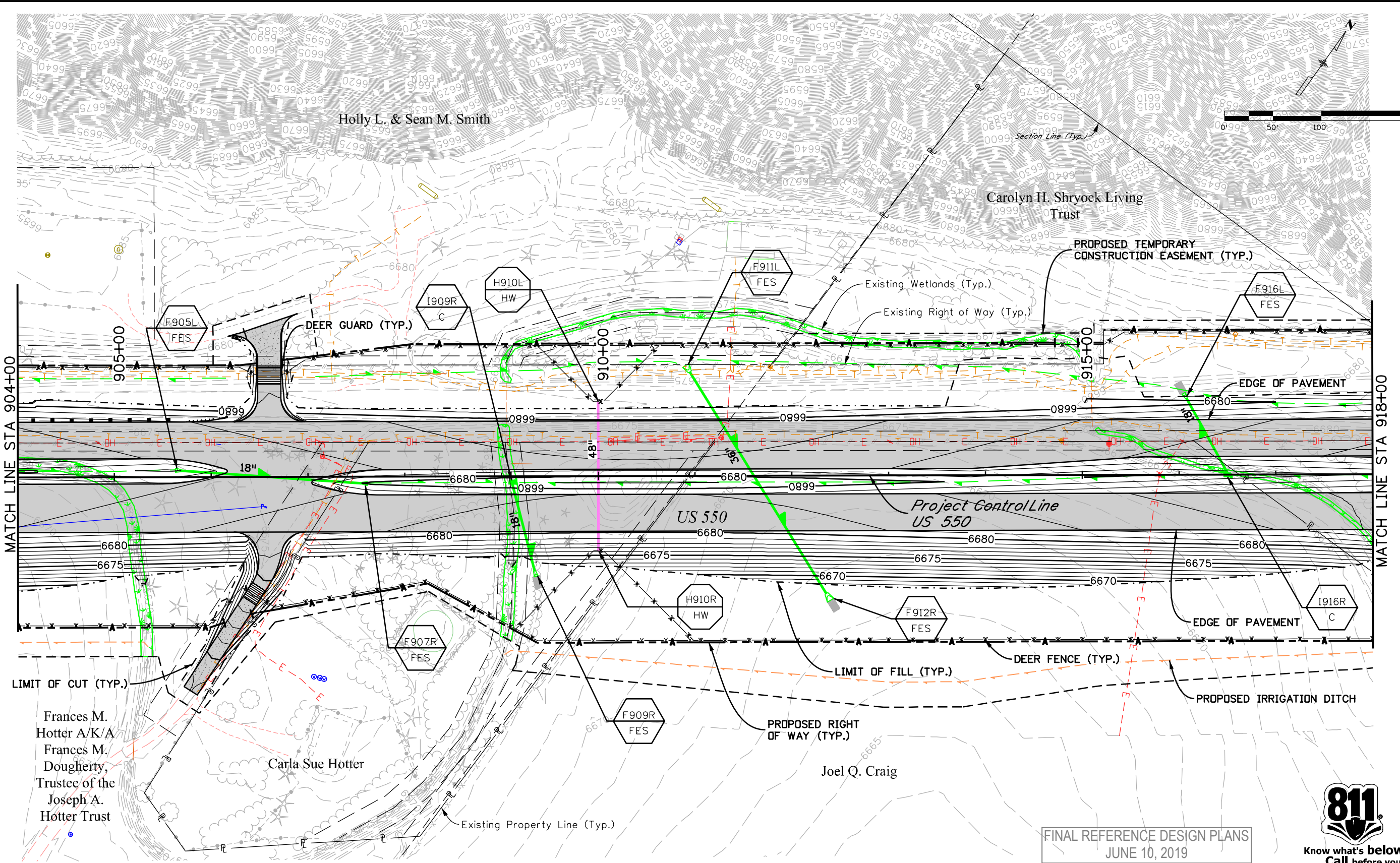
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NHPP 5501-029	
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STA. 904+00 TO STA. 918+00			
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Sheet Subset:	DRAINAGE	Subset Sheets:	9 of 19

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