Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

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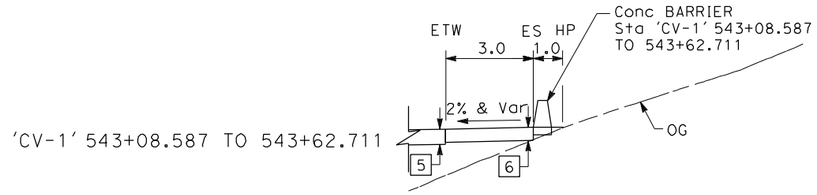
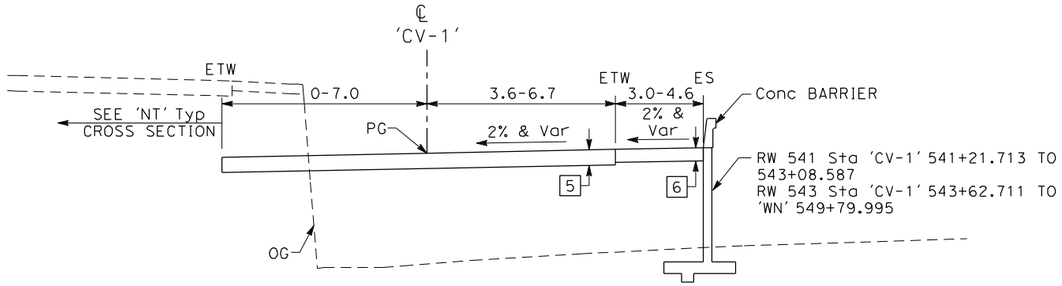
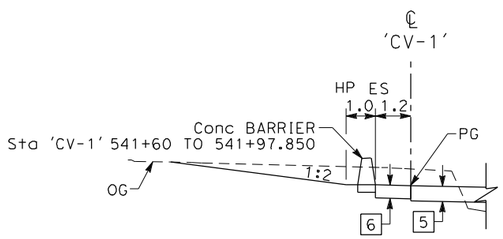


'CV-1' 543+08.587 TO 543+62.711

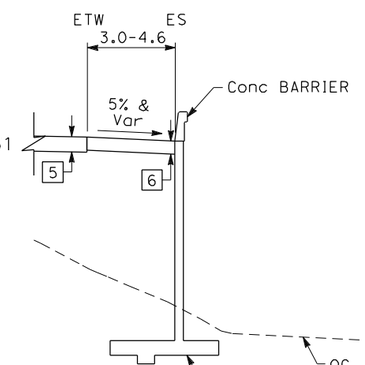


CARMEL VALLEY ROAD NB ON-RAMP

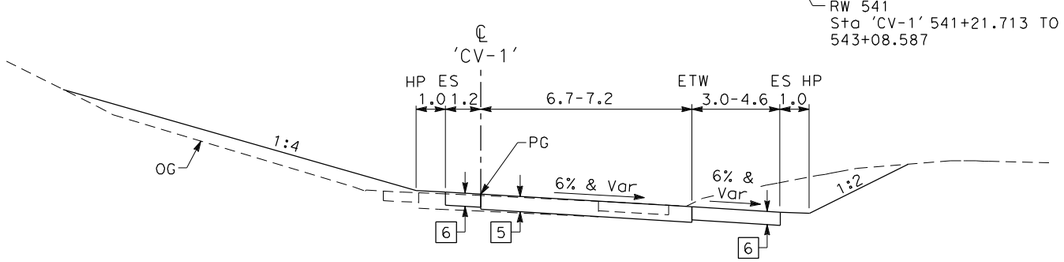
'CV-1' 542+41.431 TO 544+28.983



'CV-1' 541+60 TO 541+97.850



'CV-1' 541+21.713 TO 542+41.431



CARMEL VALLEY ROAD NB ON-RAMP

'CV-1' 540+04.756 TO 542+41.431

EXISTING STRUCTURAL SECTION TYPES

1	300 mm PCCP 150 mm ACB 215 mm CI-2 AB	ROUTE 5 MAINLINE	6	165 HMA (TYPE A) 165 mm CI-2 AB	RAMP SHOULDERS
2	180 mm HMA (TYPE A) 270 mm CI-2 AB	ROUTE 5 SHOULDERS	7	225 mm HMA (TYPE A) 420 mm CI-2 AB	ARTERIAL
3	45 mm HMA (TYPE A) 110 mm ACB 170 mm CI-2 AB	ROUTE 56 MAINLINE	8	60 mm HMA (TYPE A)	MINOR CONCRETE (STAMPED)
4	45 mm HMA (TYPE A) 110 mm ACB 170 mm CI-2 AB	ROUTE 56 SHOULDERS	9	100 mm MC	MINOR CONCRETE (SIDEWALK)
5	225 HMA (TYPE A) 300 mm CI-2 AB	RAMP MAINLINE	10	200 mm MC	MINOR CONCRETE (CURB & GUTTER)

STRUCTURAL SECTION TYPES

1	300 mm PCCP 150 mm ACB 215 mm CI-2 AB	ROUTE 5 MAINLINE	6	165 HMA (TYPE A) 165 mm CI-2 AB	RAMP SHOULDERS
2	180 mm HMA (TYPE A) 270 mm CI-2 AB	ROUTE 5 SHOULDERS	7	225 mm HMA (TYPE A) 420 mm CI-2 AB	ARTERIAL
3	45 mm HMA (TYPE A) 110 mm ACB 170 mm CI-2 AB	ROUTE 56 MAINLINE	8	60 mm HMA (TYPE A)	MINOR CONCRETE (STAMPED)
4	45 mm HMA (TYPE A) 110 mm ACB 170 mm CI-2 AB	ROUTE 56 SHOULDERS	9	100 mm MC	MINOR CONCRETE (SIDEWALK)
5	225 HMA (TYPE A) 300 mm CI-2 AB	RAMP MAINLINE	10	200 mm MC	MINOR CONCRETE (CURB & GUTTER)

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-1

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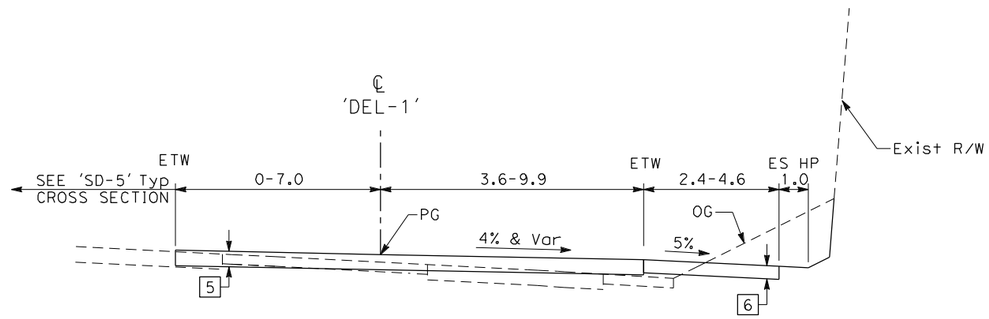
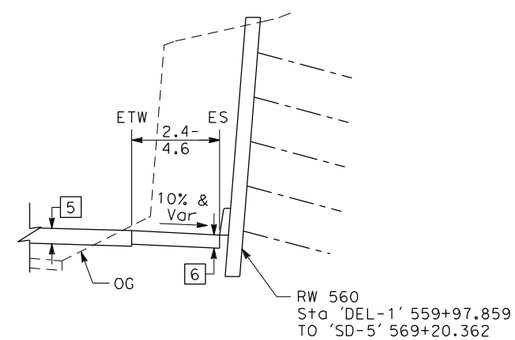
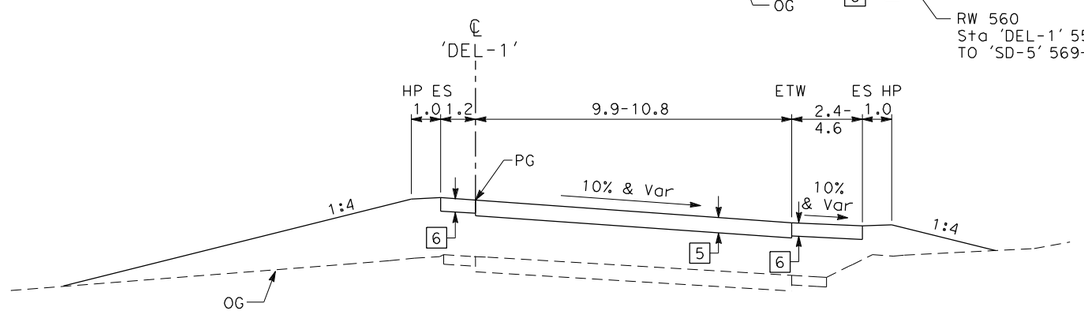


DEL MAR HEIGHTS NB ON-RAMP

'DEL-1' 561+30.642 TO 563+20

'DEL-1' 559+97.859 TO 561+30.642





DEL MAR HEIGHTS NB ON-RAMP

'DEL-1' 559+40.244 TO 561+30.642

ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

X-2

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METERS UNLESS OTHERWISE SHOWN

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11	SD	5/56	52.6/56.0, R0.0/R4.1		

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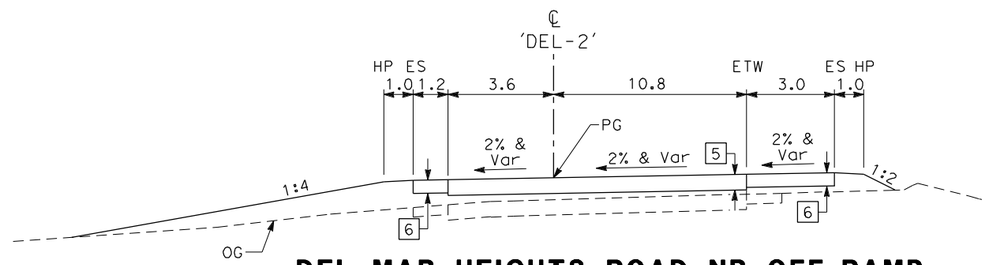
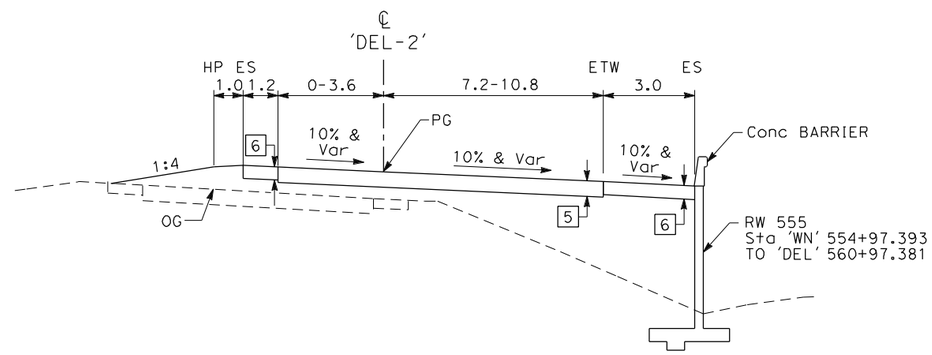


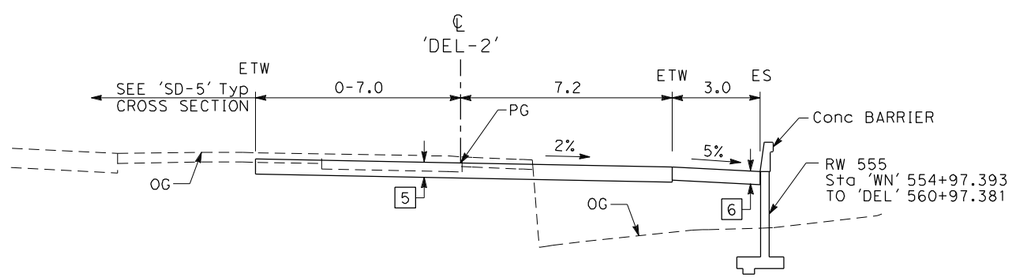
DEL MAR HEIGHTS ROAD NB OFF-RAMP

'DEL-2' 558+36.115 TO 558+90.076



DEL MAR HEIGHTS ROAD NB OFF-RAMP

'DEL-2' 556+22.300 TO 558+36.115



DEL MAR HEIGHTS ROAD NB OFF-RAMP

'DEL-2' 555+40 TO 556+22.300

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-3

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11	SD	5/56	52.6/56.0, R0.0/R4.1		

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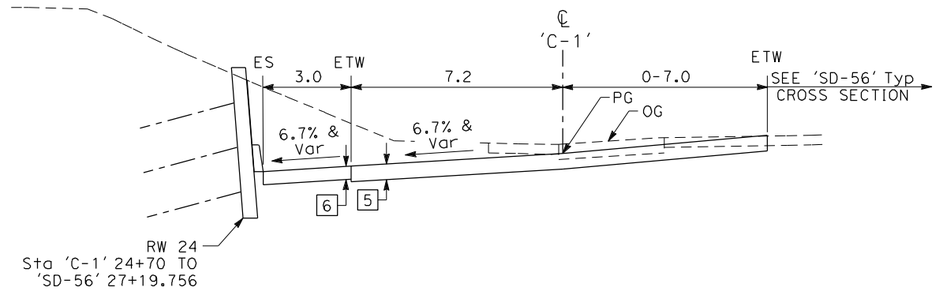
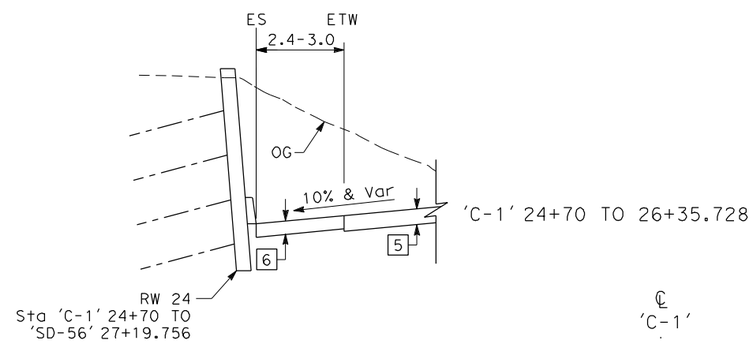
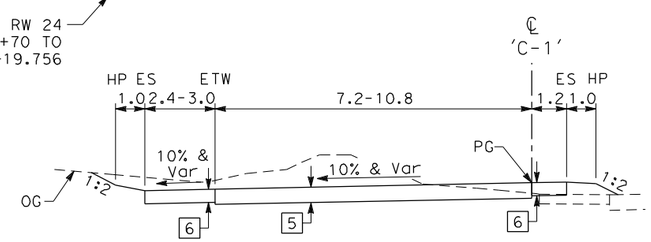


CARMEL CREEK ROAD WB OFF-RAMP

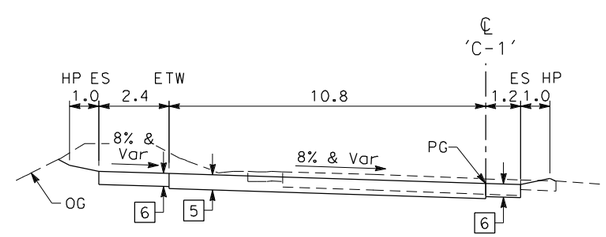
'C-1' 26+35.728 TO 27+17.948





CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 24+42.312 TO 26+35.728



CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 23+11.769 TO 24+42.312

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-4

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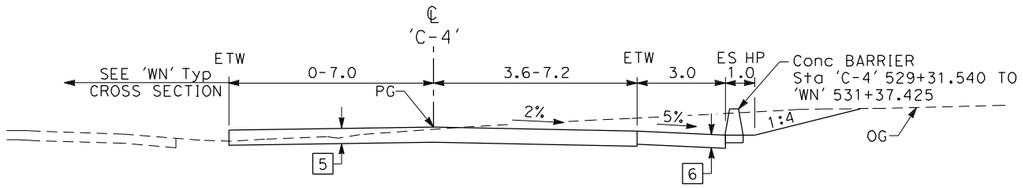
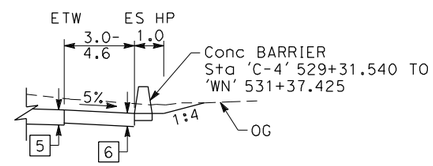
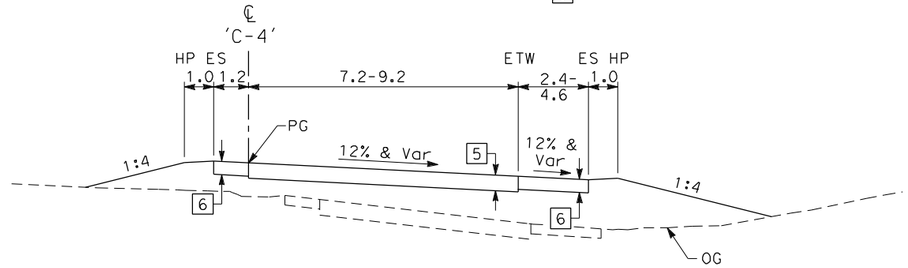


CARMEL CREEK ROAD WB LOOP ON-RAMP

'C-4' 529+58.255 TO 531+37.359

'C-4' 529+31.540 TO 529+58.255





CARMEL CREEK ROAD WB LOOP ON-RAMP

'C-4' 527+41.935 TO 529+58.255

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-5

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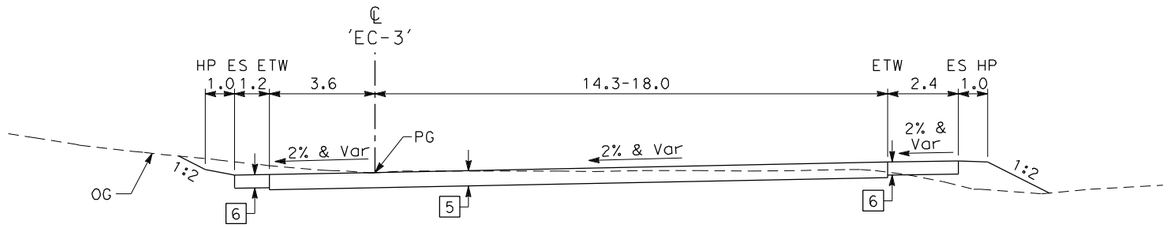
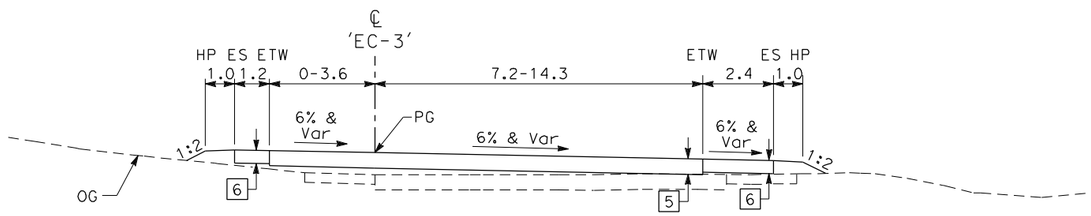
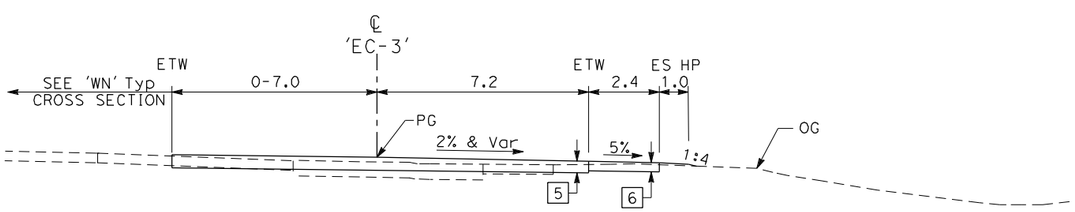


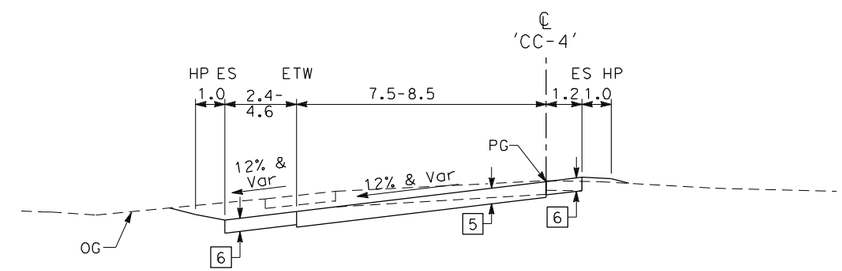
EL CAMINO REAL WB OFF-RAMP
'EC-3' 536+26.328 TO 537+00



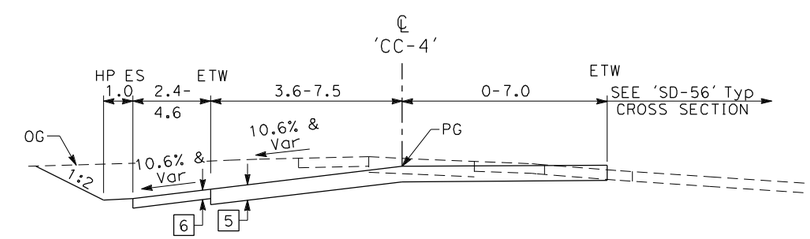
EL CAMINO REAL WB OFF-RAMP
'EC-3' 535+60.201 TO 536+26.328



EL CAMINO REAL WB OFF-RAMP
'EC-3' 534+77.903 TO 535+60.201



WB CARMEL COUNTRY ROAD LOOP ON-RAMP
'CC-4' 39+49.464 TO 40+83.185



WB CARMEL COUNTRY ROAD LOOP ON-RAMP
'CC-4' 37+76.104 TO 39+49.464

ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

X-6

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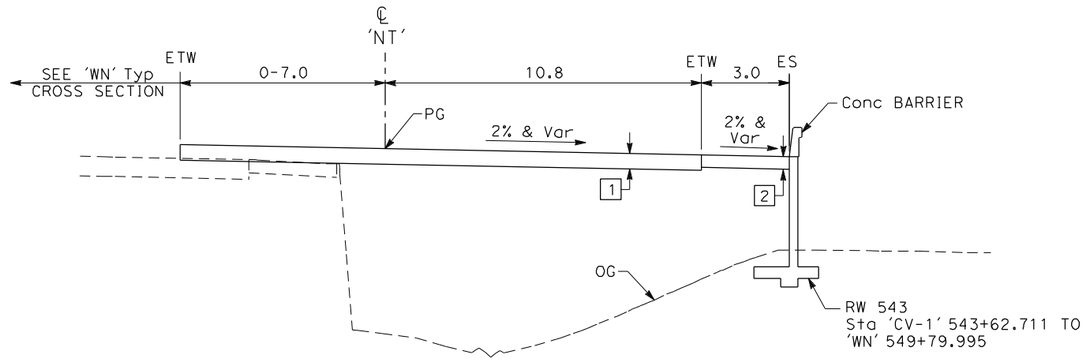
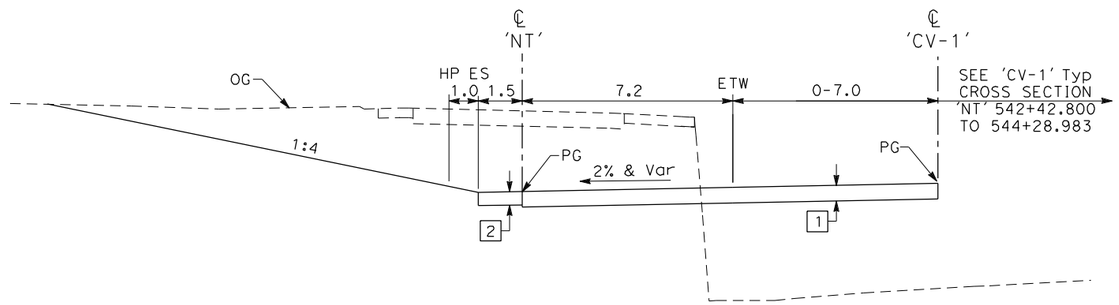
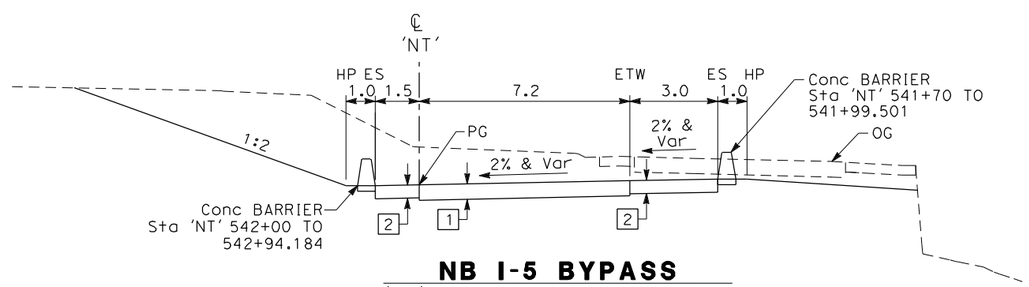


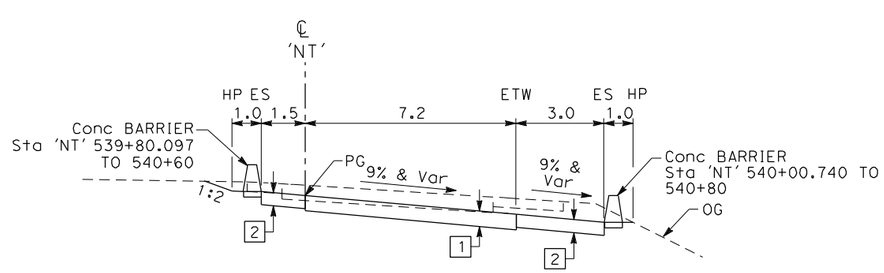
NB I-5 BYPASS
'NT' 544+39.240 TO 546+42.080



NB I-5 BYPASS
'NT' 542+42.800 TO 544+39.240



NB I-5 BYPASS
'NT' 541+92.917 TO 542+42.800



NB I-5 BYPASS
'NT' 539+80.097 TO 541+92.917

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-7

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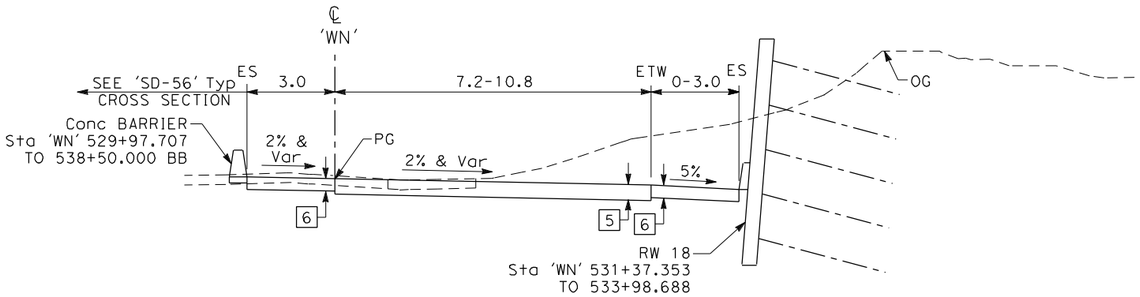
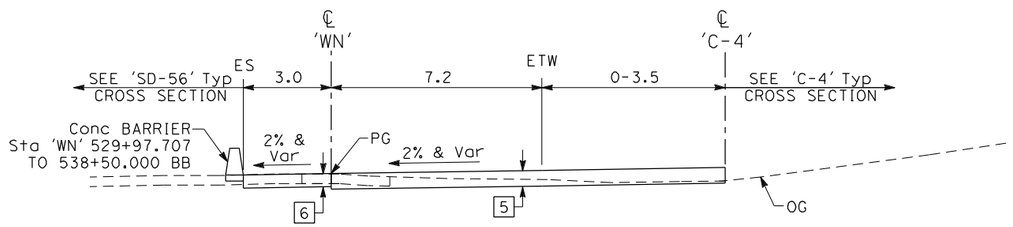
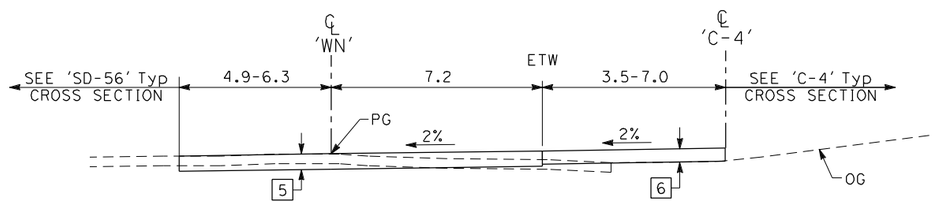


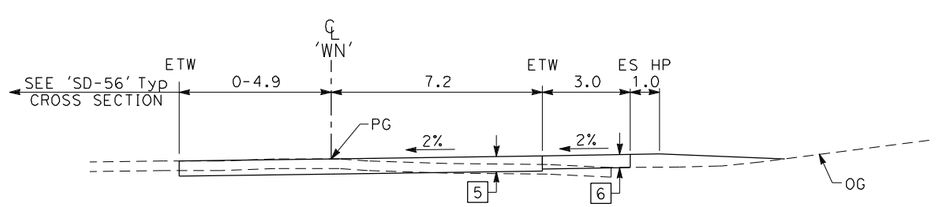
SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 531+37.359 TO 534+77.903



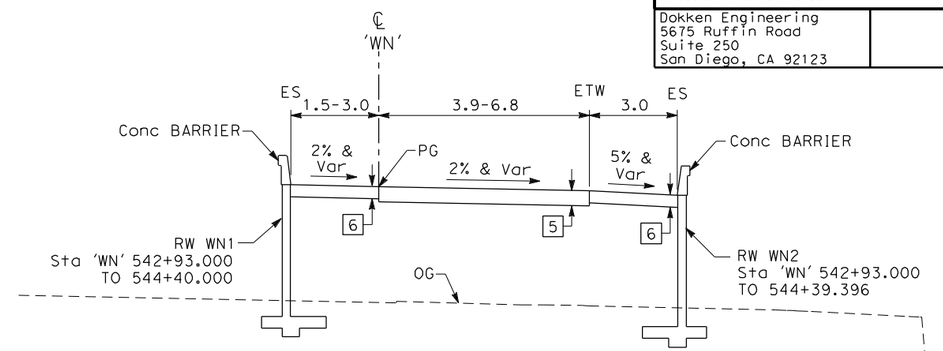
SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 529+97.707 TO 531+37.359



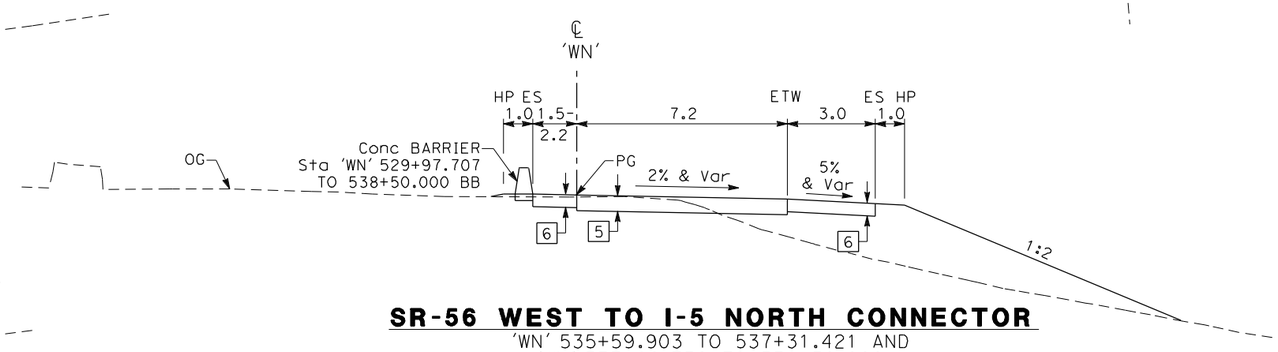
SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 529+58.566 TO 528+97.707



SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 528+66.292 TO 529+97.707

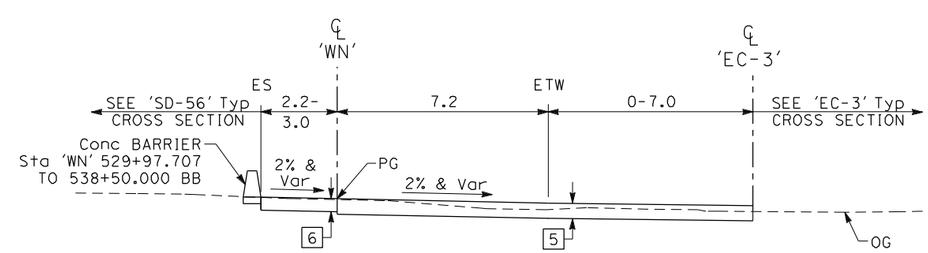


SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 542+93 TO 544+39.396



SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 535+59.903 TO 537+31.421 AND
'WN' 537+88.739 TO 538+50.000

*Sta 'WN' 537+31.421 BB TO 537+88.739 SEE STRUCTURAL PLANS
*Sta 'WN' 538+50.000 BB TO 542+93 SEE STRUCTURAL PLANS



SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 534+77.903 TO 535+59.903

ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

X-8

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11	SD	5/56	52.6/56.0, R0.0/R4.1		

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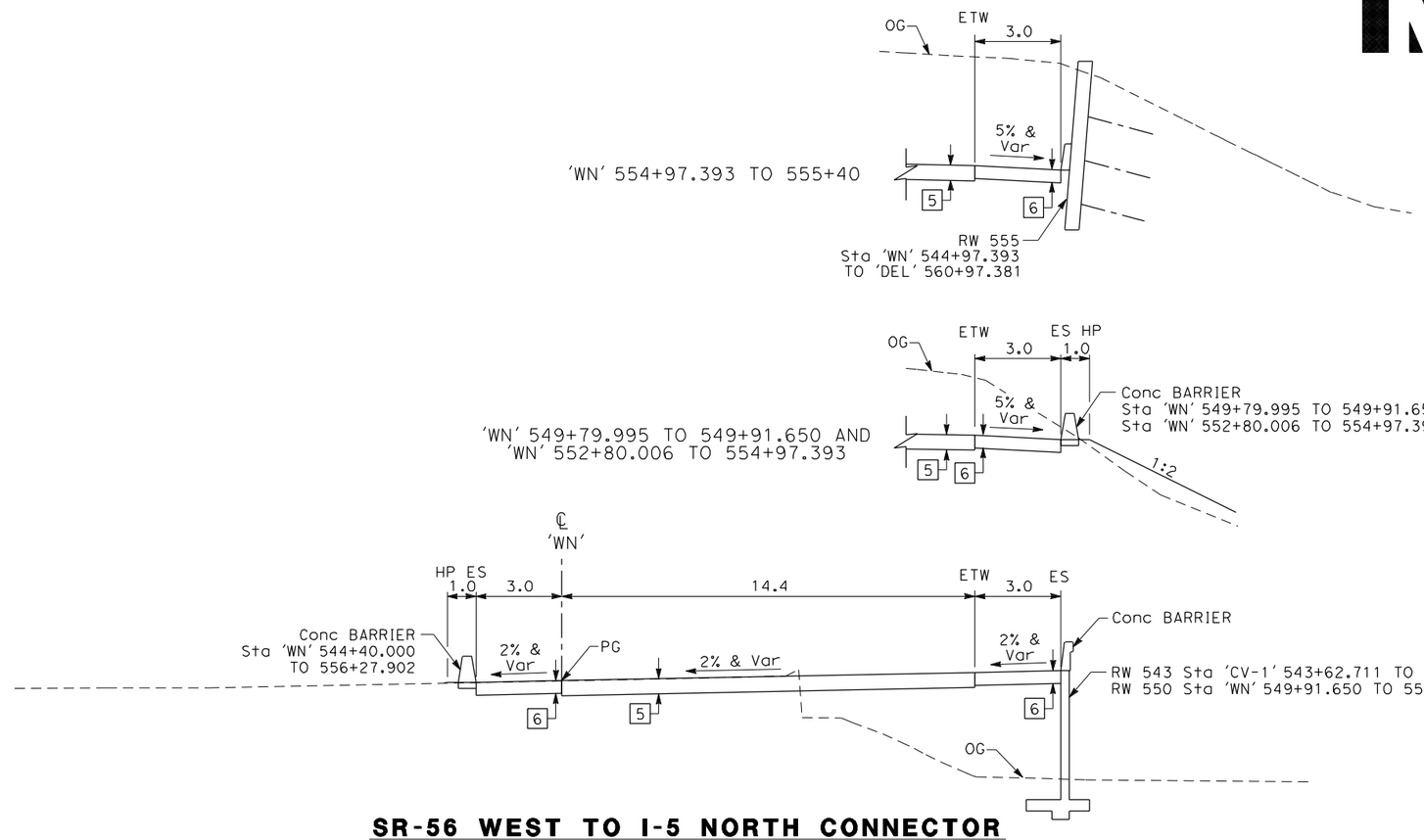
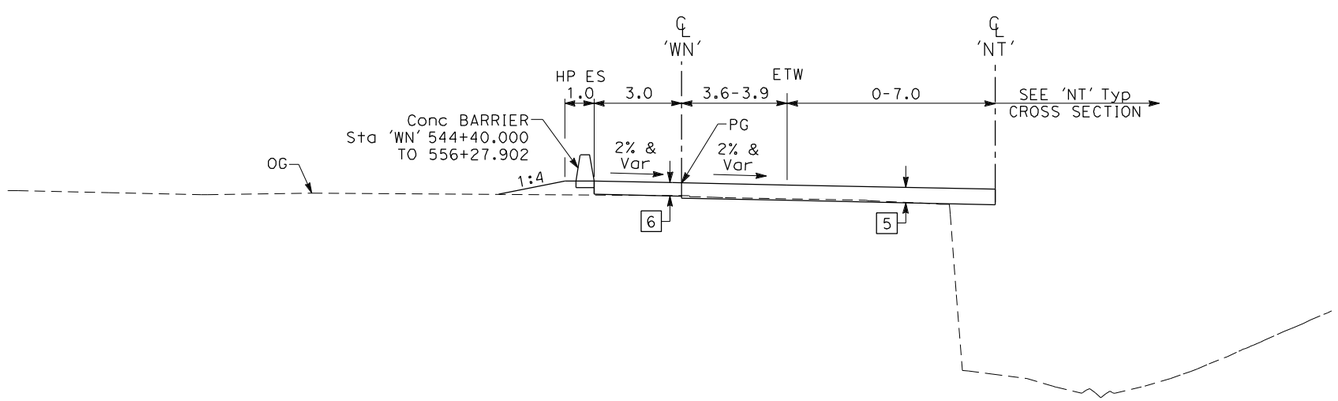


SR-56 WEST TO I-5 NORTH CONNECTOR

'WN' 546+42.080 TO 555+40



SR-56 WEST TO I-5 NORTH CONNECTOR

'WN' 544+39.396 TO 546+42.080

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-9

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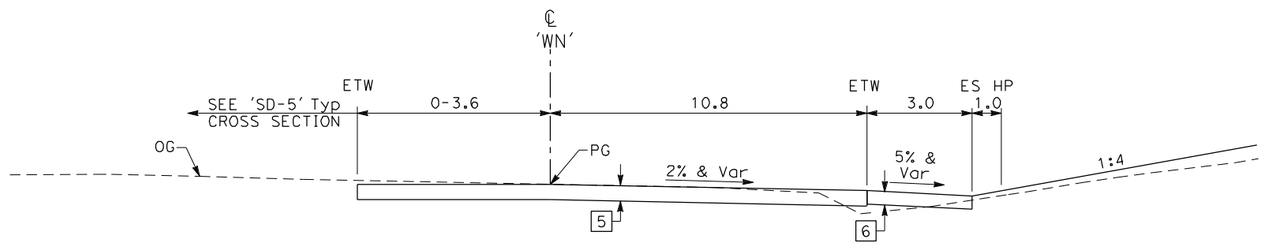
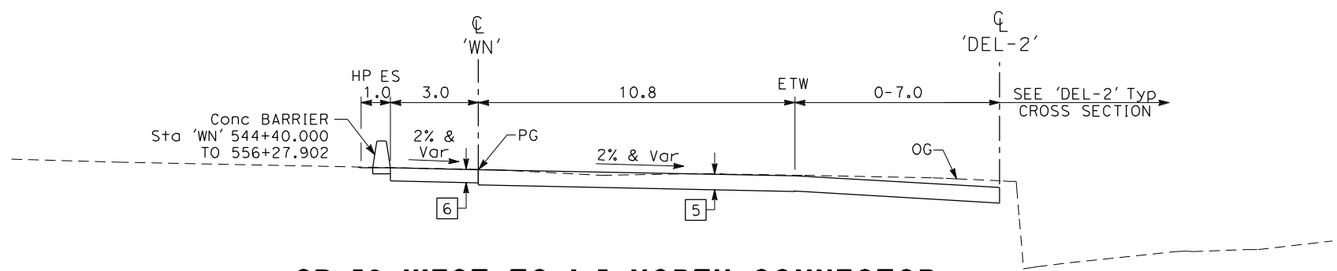


SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 556+22.002 TO 558+86.084



SR-56 WEST TO I-5 NORTH CONNECTOR
'WN' 555+40 TO 556+22.002

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

X-10

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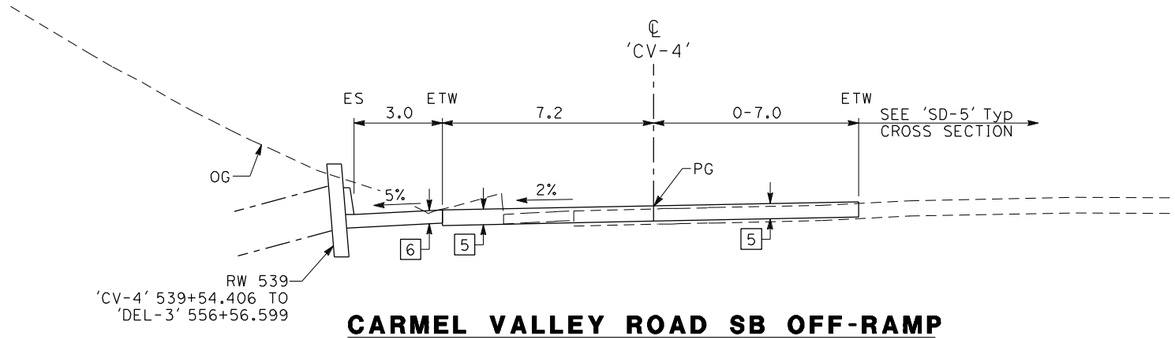
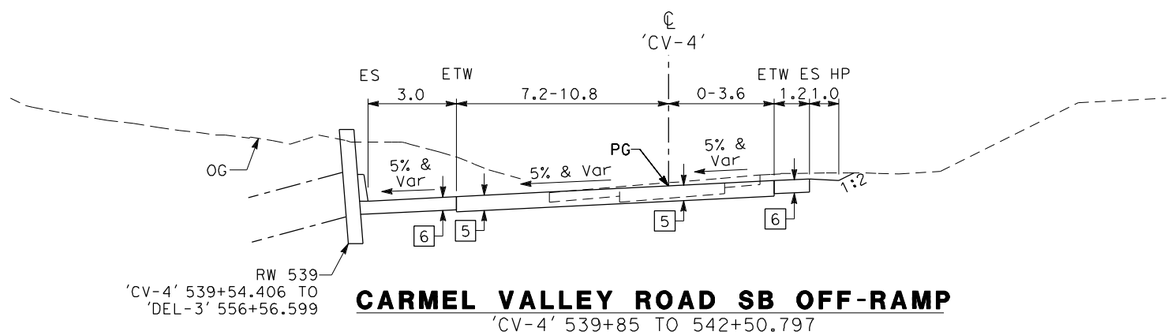
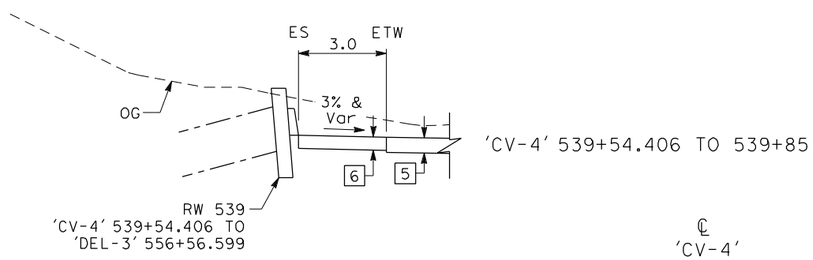
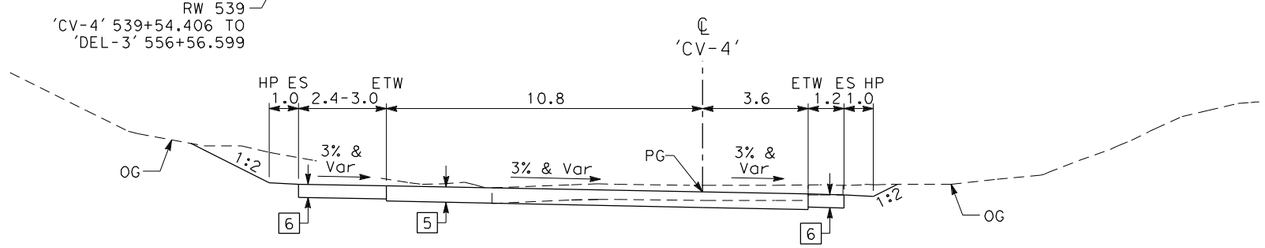


CARMEL VALLEY ROAD SB OFF-RAMP
'CV-4' 542+50.797 TO 543+33.095



CARMEL VALLEY ROAD SB OFF-RAMP
'CV-4' 539+85 TO 542+50.797





CARMEL VALLEY ROAD SB OFF-RAMP
'CV-4' 538+93.086 TO 539+85

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

X-11

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11	SD	5/56	52.6/56.0, R0.0/R4.1		

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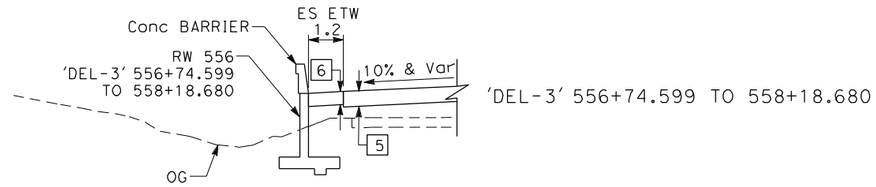
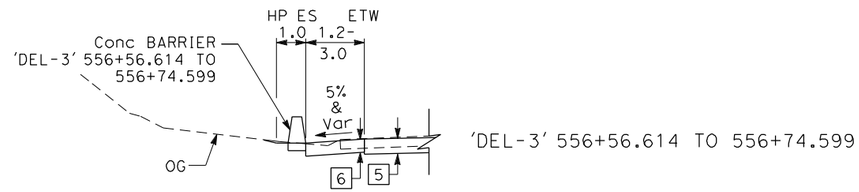
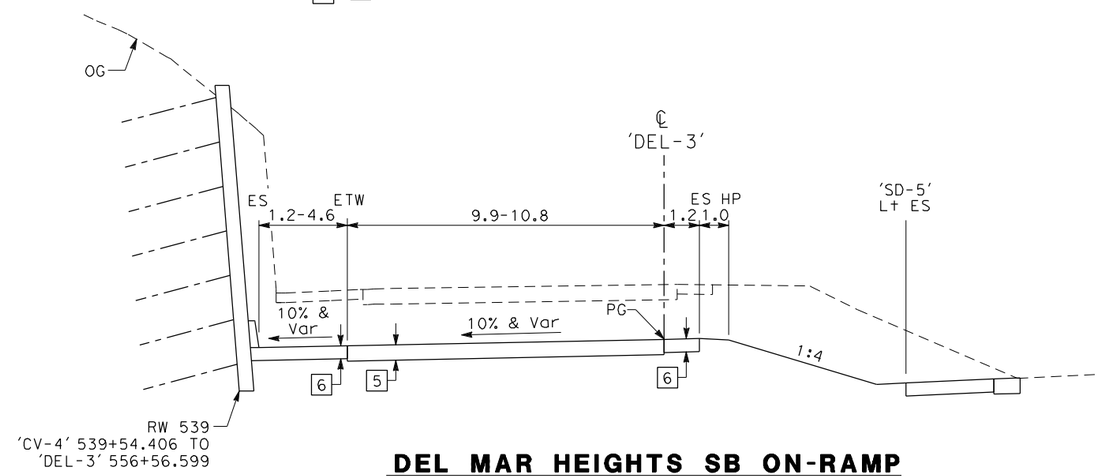
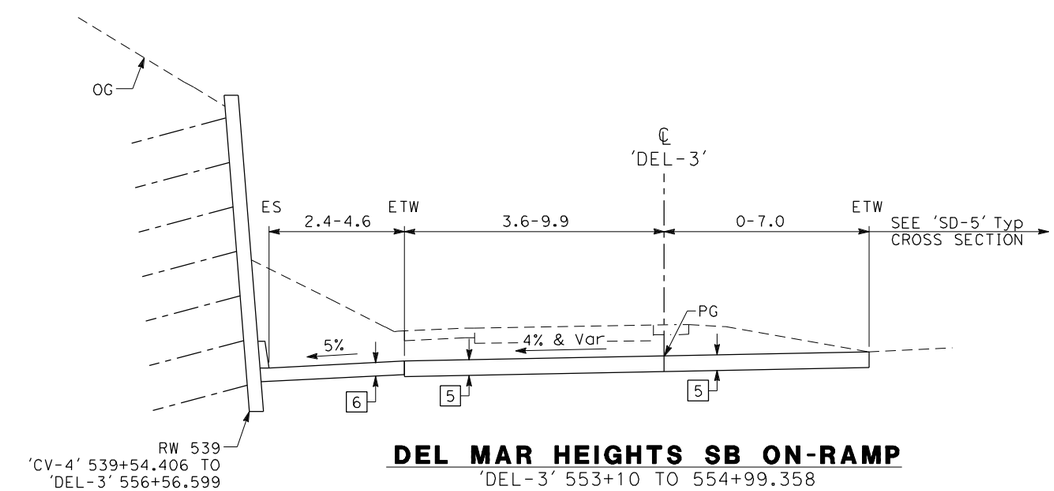






DEL MAR HEIGHTS SB ON-RAMP

'DEL-3' 554+99.358 TO 558+38.893



DEL MAR HEIGHTS SB ON-RAMP

'DEL-3' 553+10 TO 554+99.358

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-12

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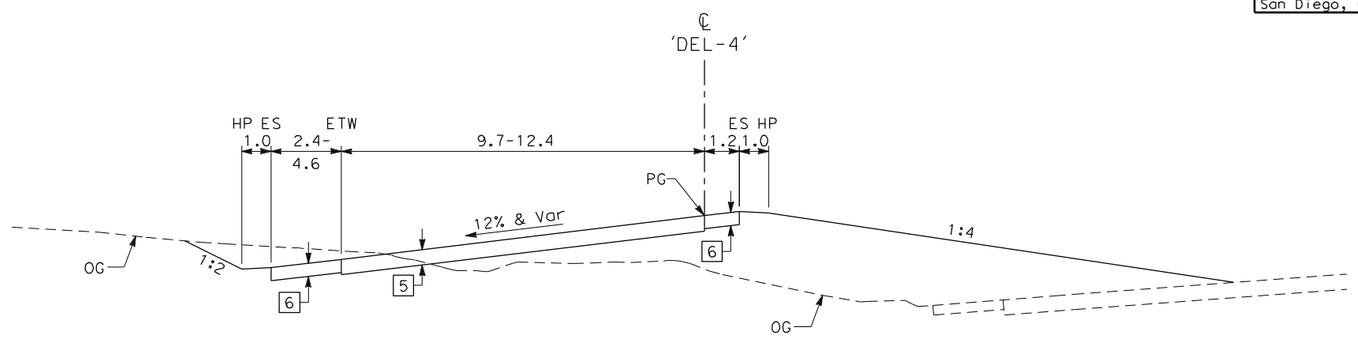
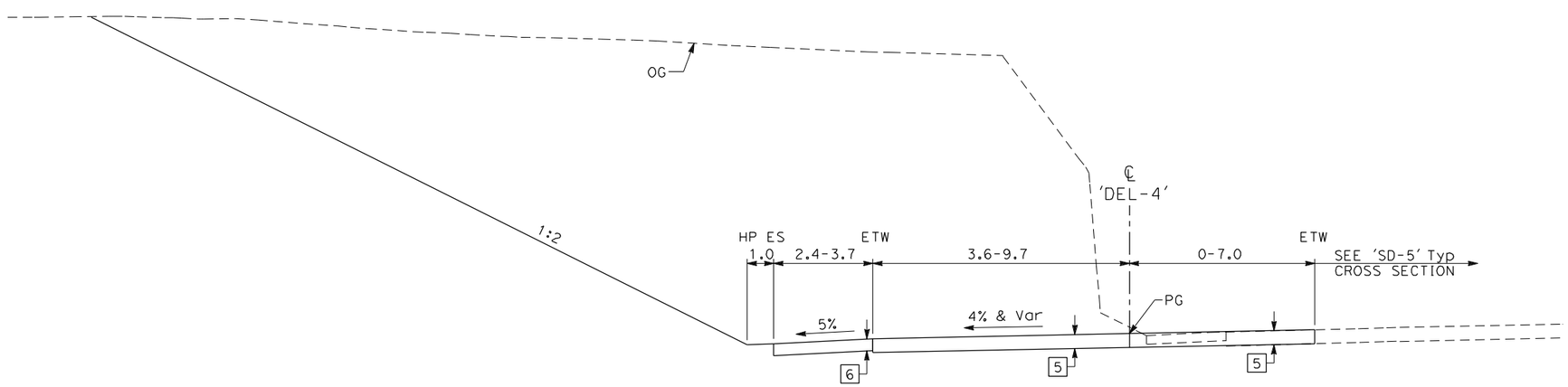


DEL MAR HEIGHTS SB LOOP ON-RAMP

'DEL-4' 558+81.382 TO 561+30.195



DEL MAR HEIGHTS SB LOOP ON-RAMP

'DEL-4' 556+90 TO 558+81.382

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-13

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11	SD	5/56	52.6/56.0, R0.0/R4.1		

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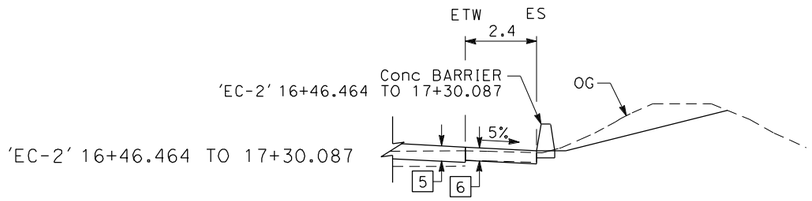
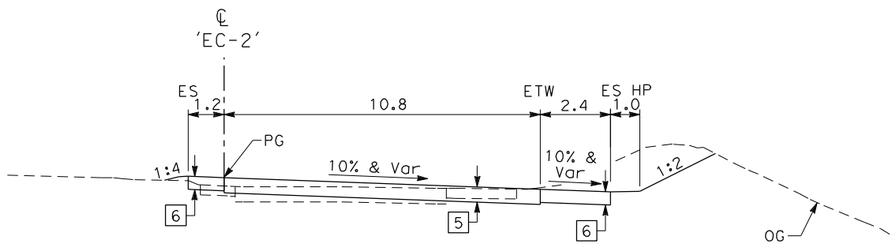
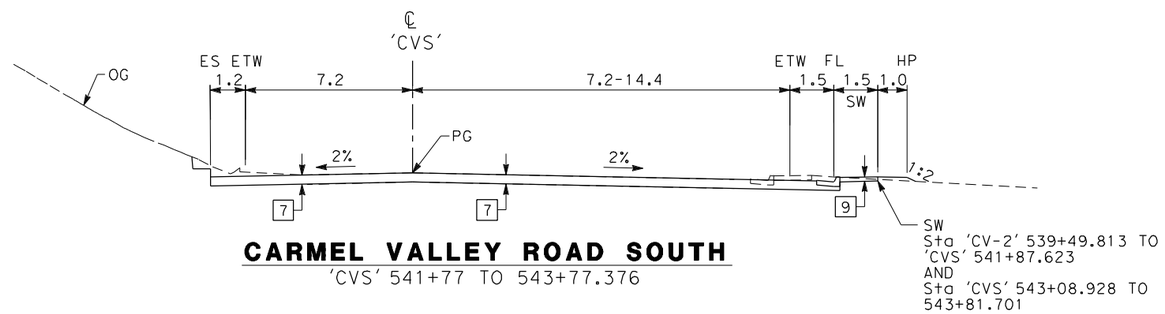




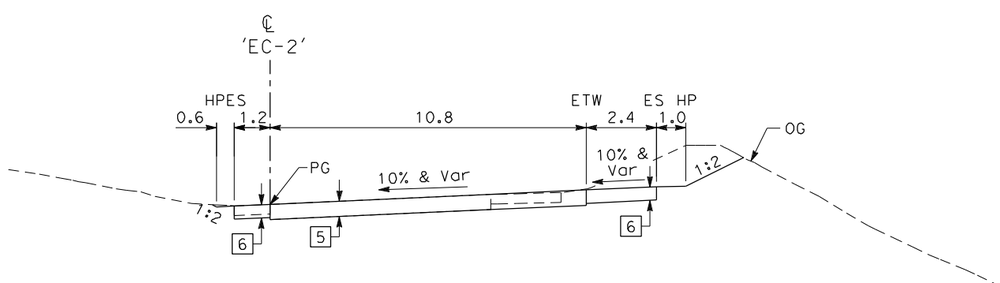
EL CAMINO REAL EB ON-RAMP

'EC-2' 16+62.100 TO 18+01.601



CARMEL VALLEY ROAD SOUTH

'CVS' 541+77 TO 543+77.376



EL CAMINO REAL EB ON-RAMP

'EC-2' 15+47.805 TO 16+62.100

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-14

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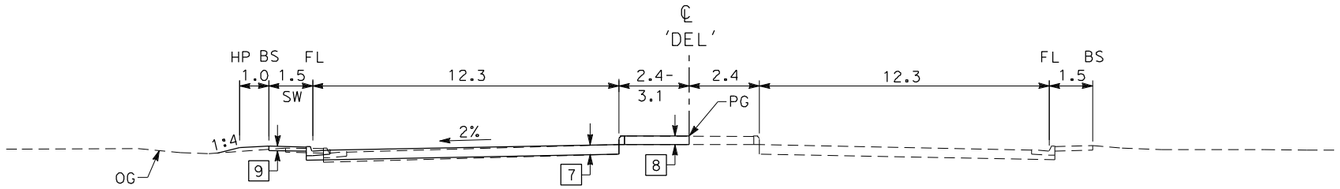
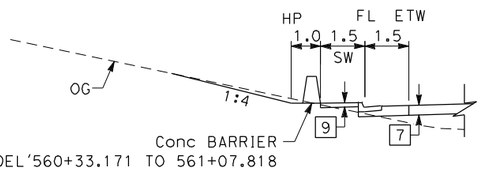
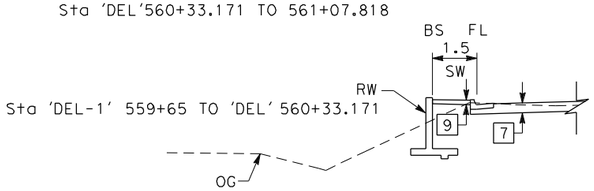


DEL MAR HEIGHTS ROAD
'DEL' 561+55 TO 561+75.244



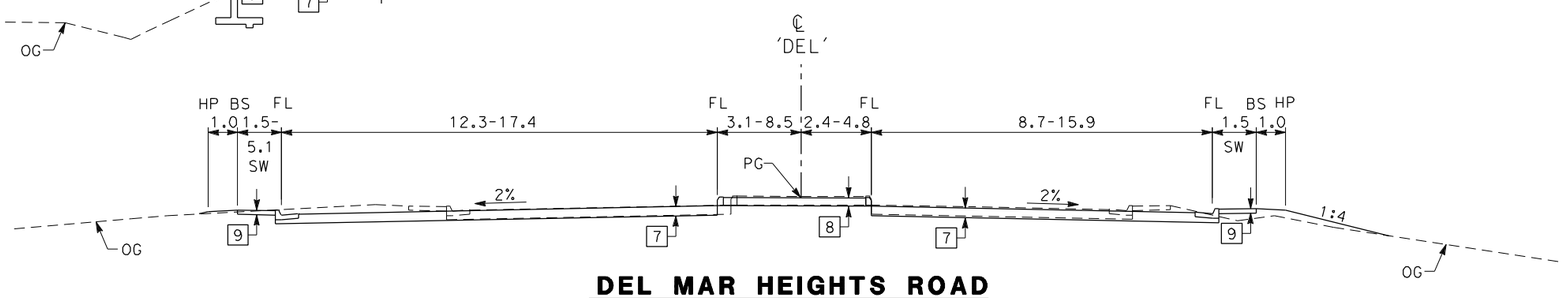
Sta 'DEL'560+33.171 TO 561+07.818

'DEL' 560+33.171 TO 561+07.818

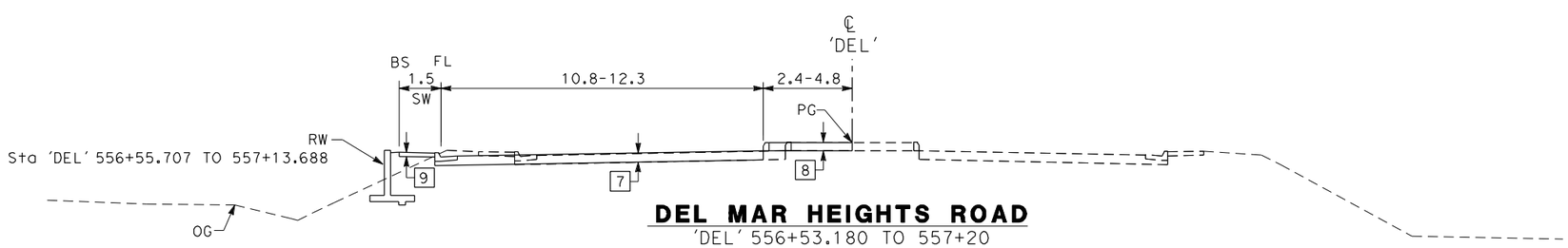


Sta 'DEL-1' 559+65 TO 'DEL' 560+33.171

Sta 'DEL' 560+03.935 TO 560+33.171

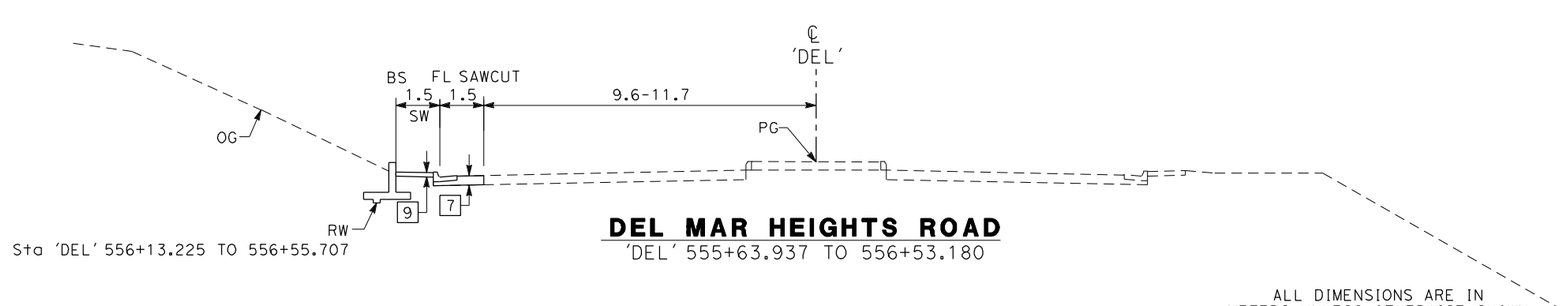


DEL MAR HEIGHTS ROAD
'DEL' 557+20 TO 561+55
*Sta 'DEL' 557+96.170 TO 559+46.222 SEE STRUCTURAL PLANS



Sta 'DEL' 556+55.707 TO 557+13.688

DEL MAR HEIGHTS ROAD
'DEL' 556+53.180 TO 557+20



Sta 'DEL' 556+13.225 TO 556+55.707

DEL MAR HEIGHTS ROAD
'DEL' 555+63.937 TO 556+53.180

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ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-15

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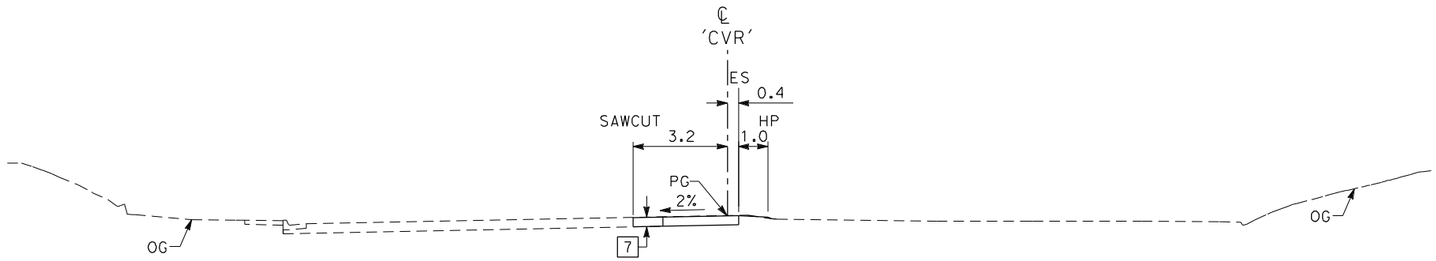
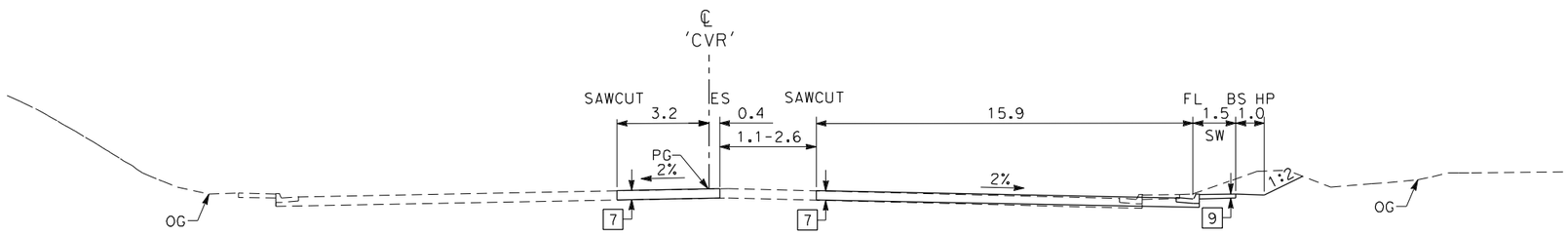
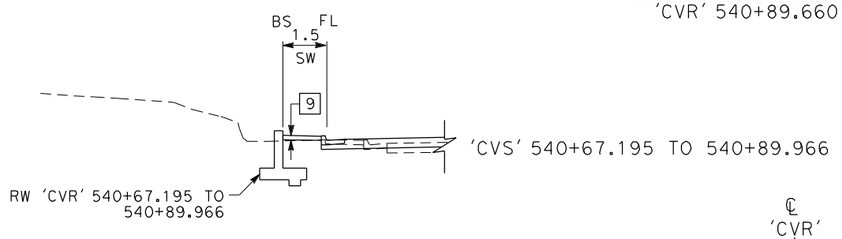
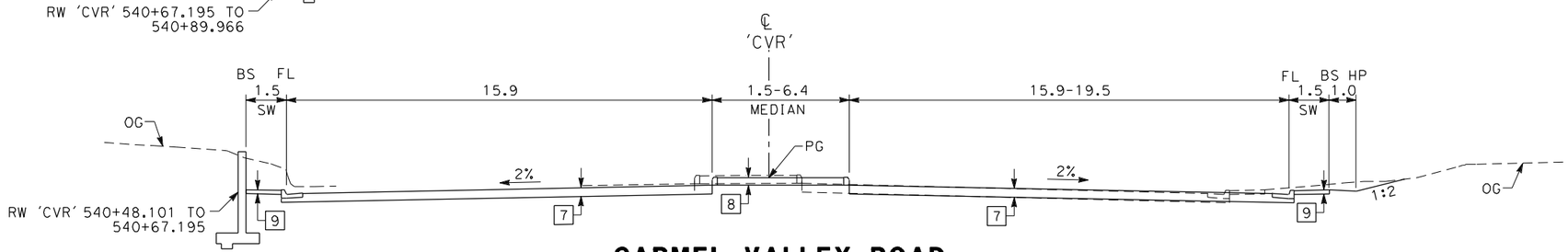


CARMEL VALLEY ROAD
'CVR' 541+77 TO 543+68.861

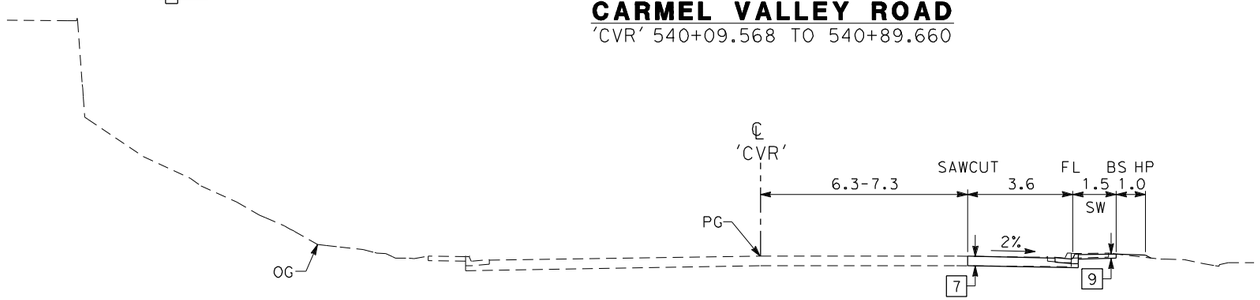


CARMEL VALLEY ROAD
'CVR' 540+89.660 TO 541+77





CARMEL VALLEY ROAD
'CVR' 540+09.568 TO 540+89.660



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ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

X-16

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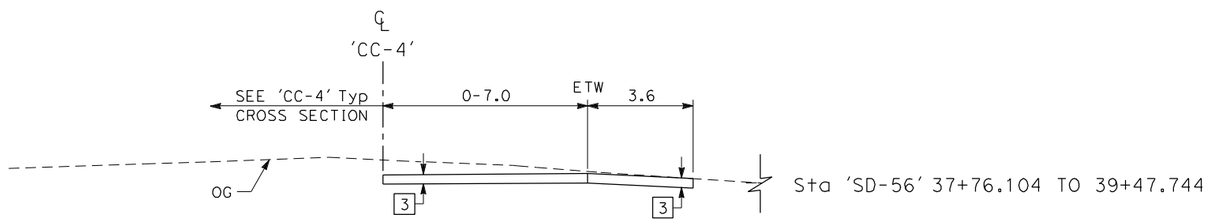

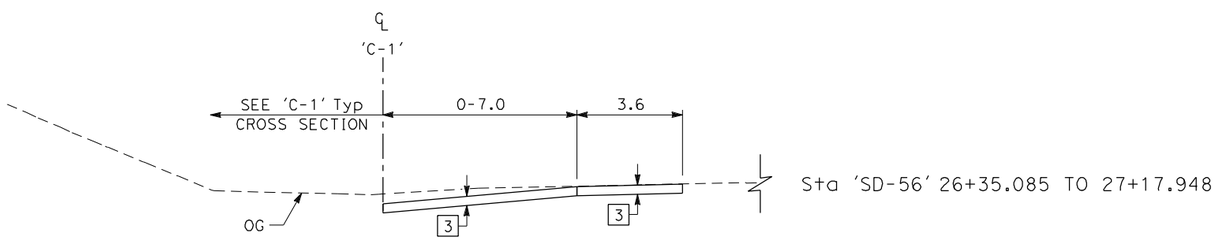

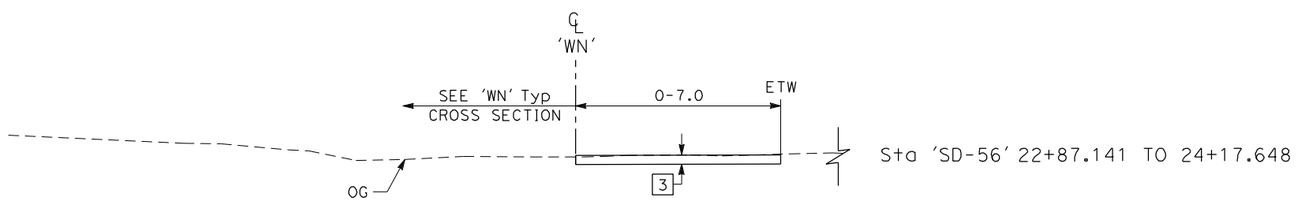

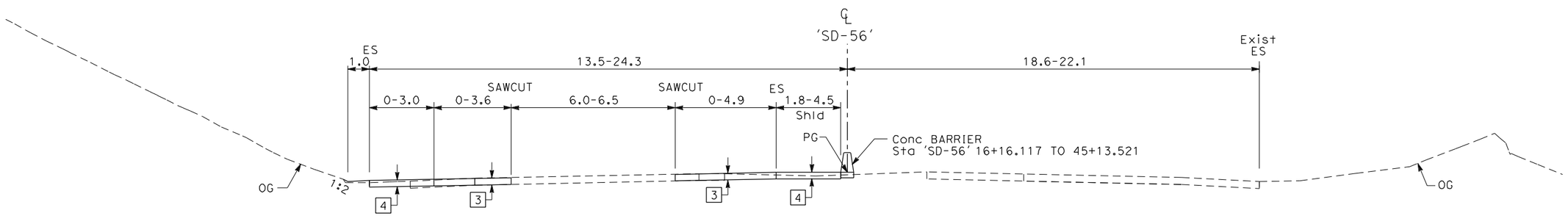

STATE ROUTE 56

'SD-56' 15+26 TO 45+13.521

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-17

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Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER No. Exp. CIVIL STATE OF CALIFORNIA

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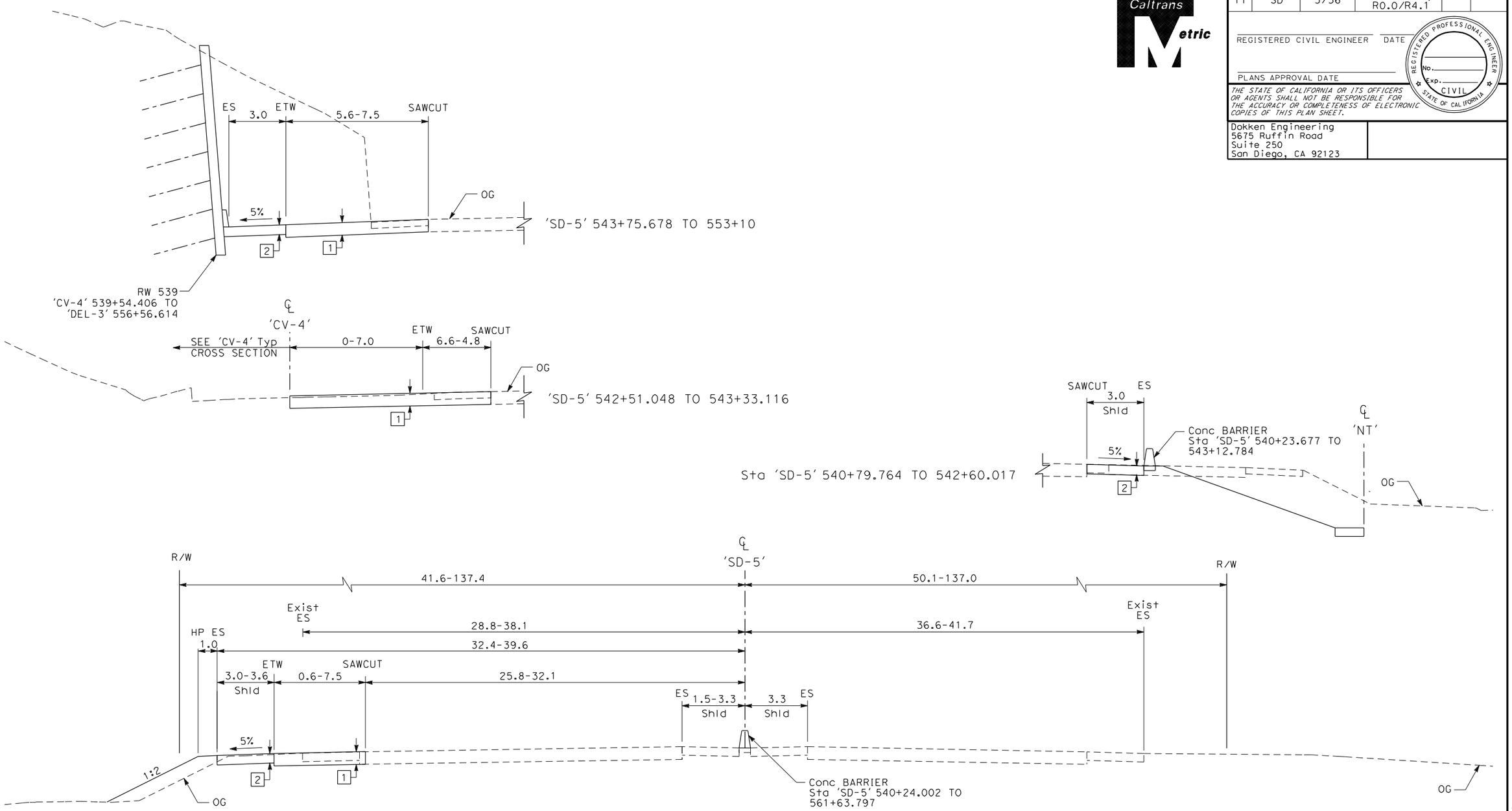
San Diego, CA 92123



INTERSTATE 5
'SD-5' 540+24.002 TO 562+20

ALTERNATIVE 4
TYPICAL CROSS SECTIONS
NO SCALE

X-18

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

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Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5/56	52.6/56.0, R0.0/R4.1		

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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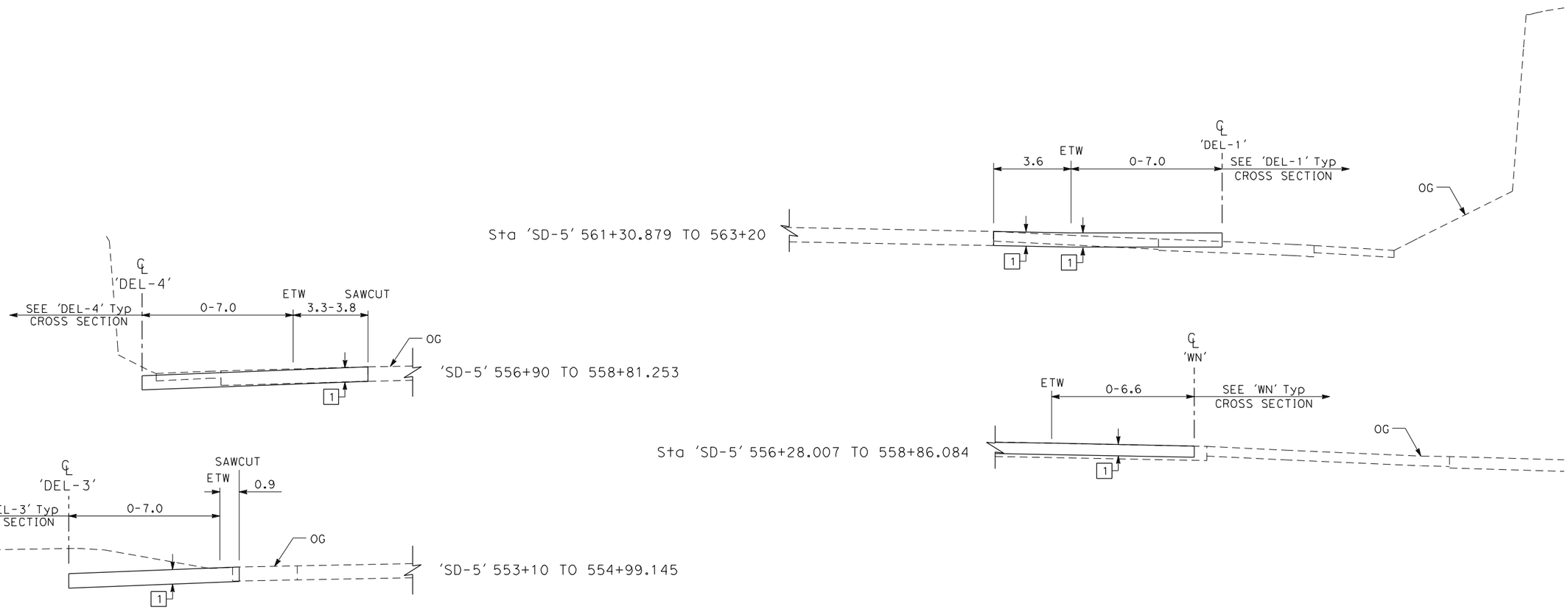

ALTERNATIVE 4
TYPICAL CROSS SECTIONS

NO SCALE

X-19

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