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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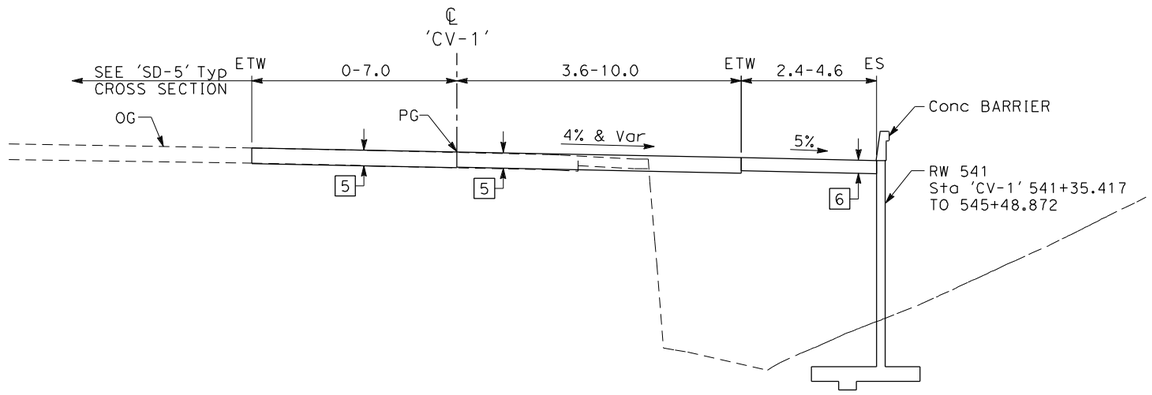
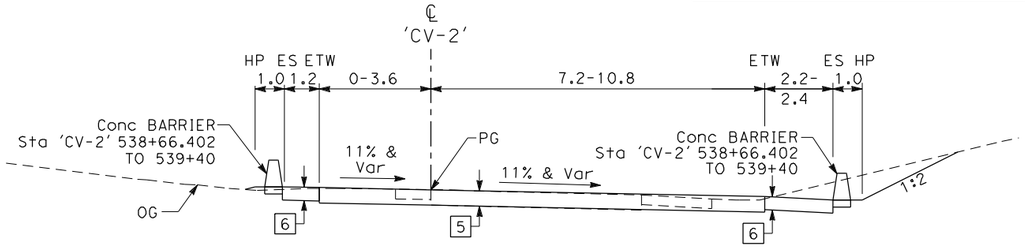


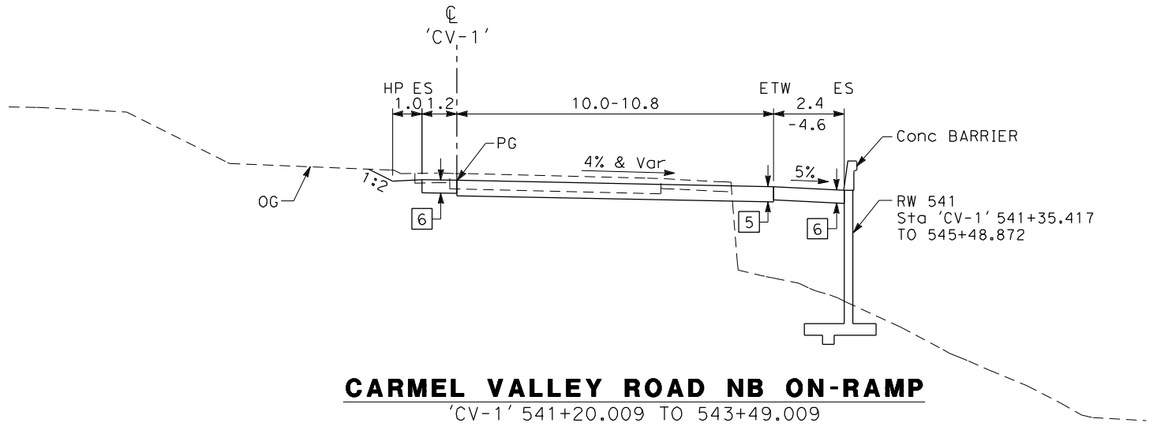
CARMEL VALLEY ROAD NB ON-RAMP

'CV-1' 543+49.009 TO 545+49.022



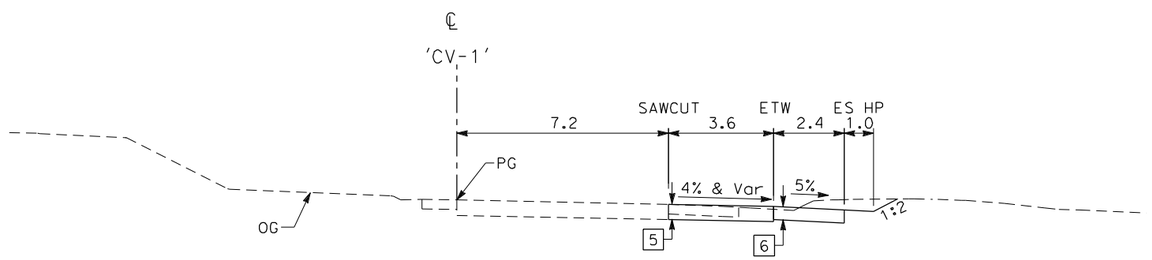
CARMEL VALLEY ROAD NB OFF-RAMP

'CV-2' 537+63.954 TO 539+45.740



CARMEL VALLEY ROAD NB ON-RAMP

'CV-1' 541+20.009 TO 543+49.009



CARMEL VALLEY ROAD NB ON-RAMP

'CV-1' 540+09.923 TO 541+20.099

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)

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-1

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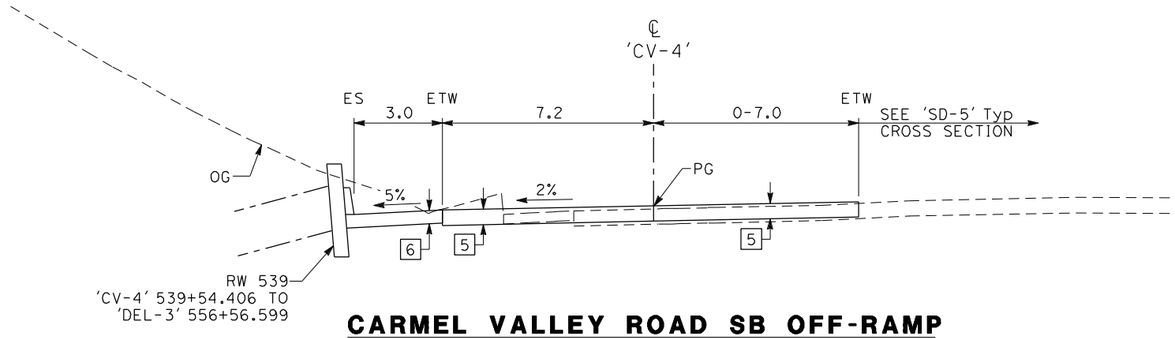
DGN FILE => ...\1643ca001_alt3.dgn

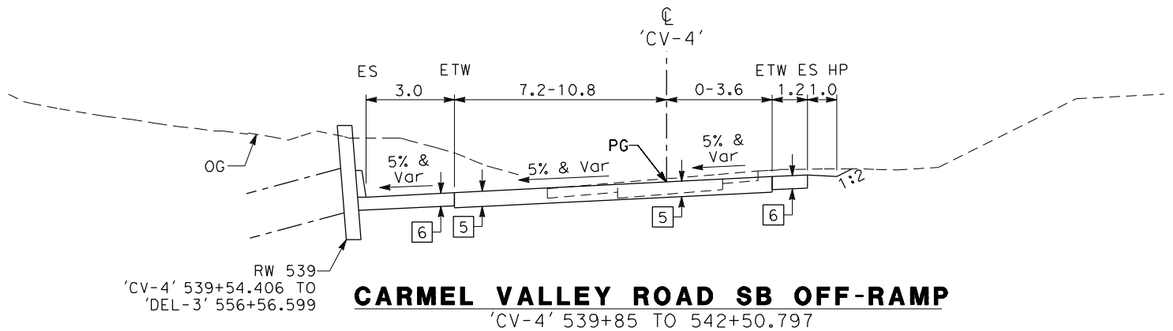
CU 00000

EA 177900



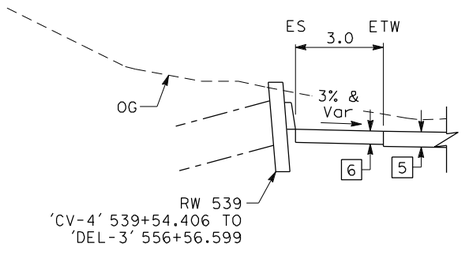
CARMEL VALLEY ROAD SB OFF-RAMP

'CV-4' 542+50.797 TO 543+33.095

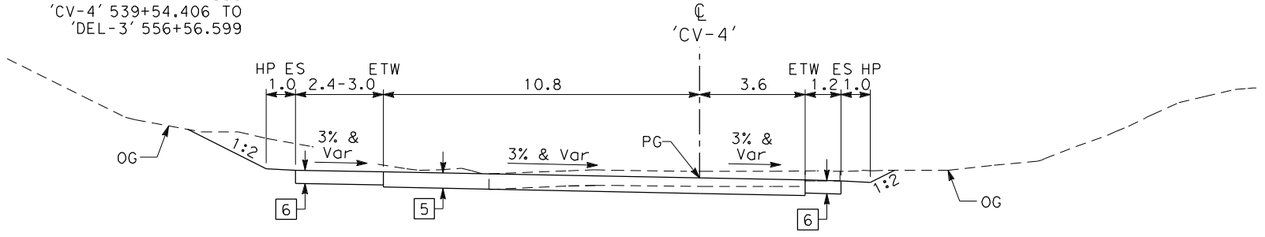


CARMEL VALLEY ROAD SB OFF-RAMP

'CV-4' 539+85 TO 542+50.797



'CV-4' 539+54.406 TO 539+85



CARMEL VALLEY ROAD SB OFF-RAMP

'CV-4' 538+93.086 TO 539+85

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-2

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METERS UNLESS OTHERWISE SHOWN

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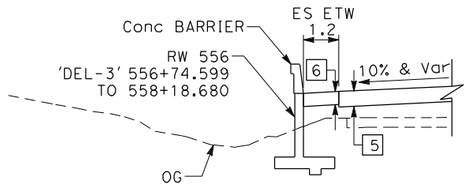
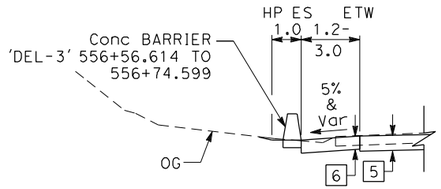
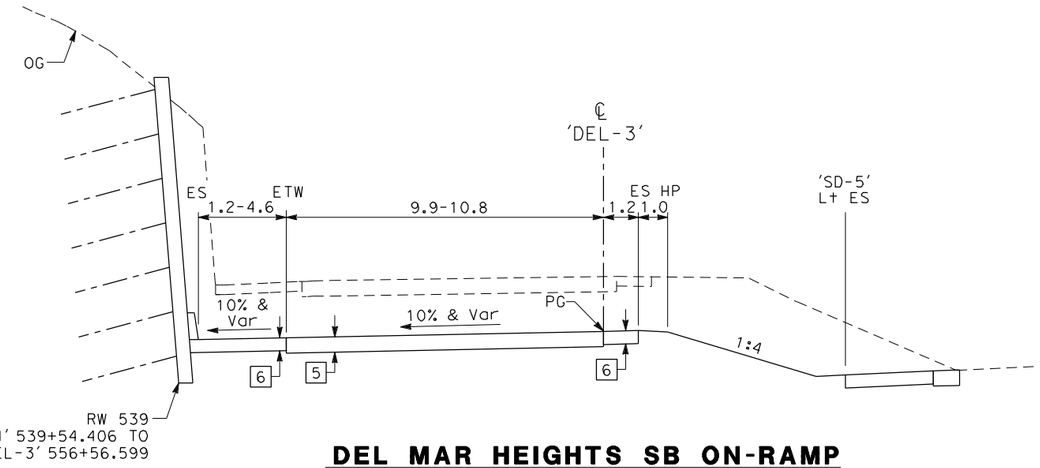


'DEL-3' 556+74.599 TO 558+18.680

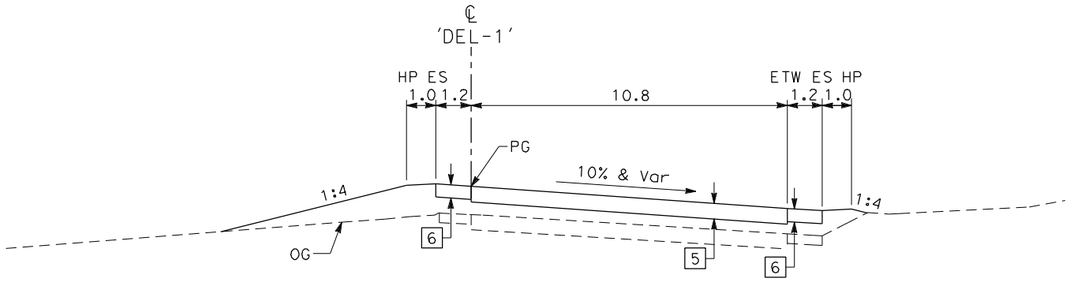


'DEL-3' 556+56.614 TO 556+74.599



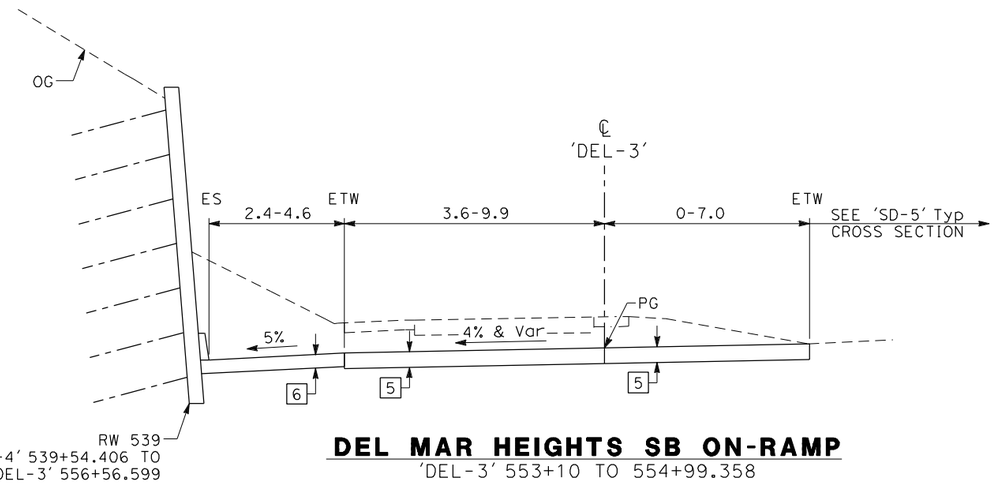
DEL MAR HEIGHTS SB ON-RAMP

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



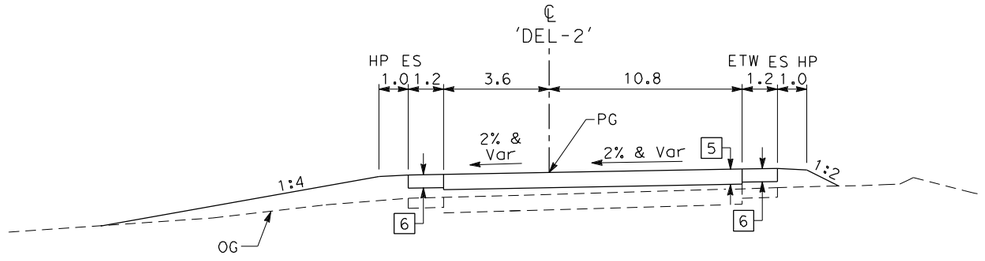
DEL MAR HEIGHTS NB ON-RAMP

'DEL-1' 559+36.897 TO 560+00



DEL MAR HEIGHTS SB ON-RAMP

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



DEL MAR HEIGHTS ROAD NB OFF-RAMP

'DEL-2' 557+80 TO 558+92.754

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-3

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BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

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DGN FILE => ...\1643ca003_alt3.dgn

CU 00000

EA 177900

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

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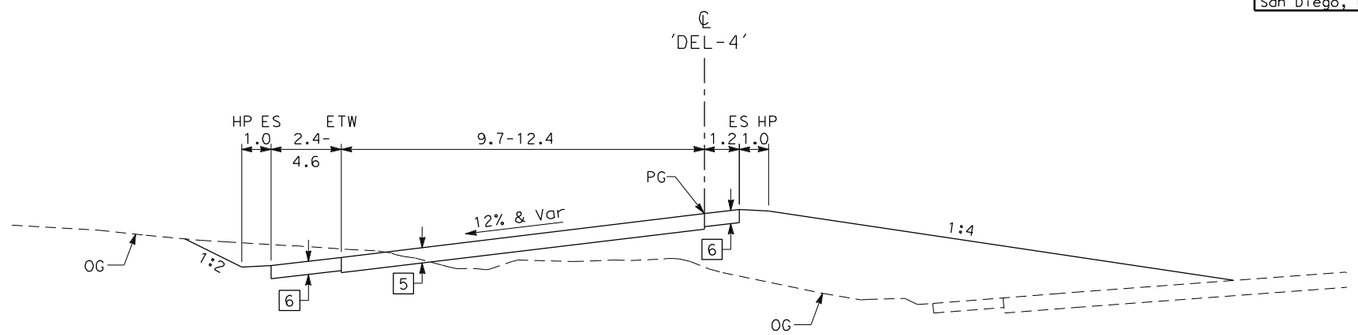
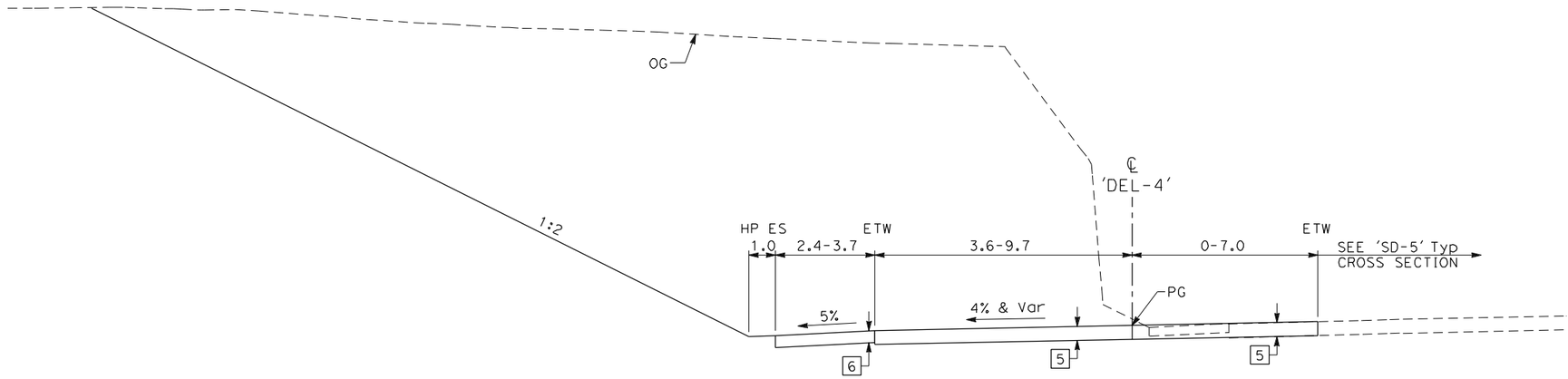


DEL MAR HEIGHTS SB LOOP ON-RAMP

'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 3
TYPICAL CROSS SECTIONS

NO SCALE

X-4

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CU 00000

EA 177900

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

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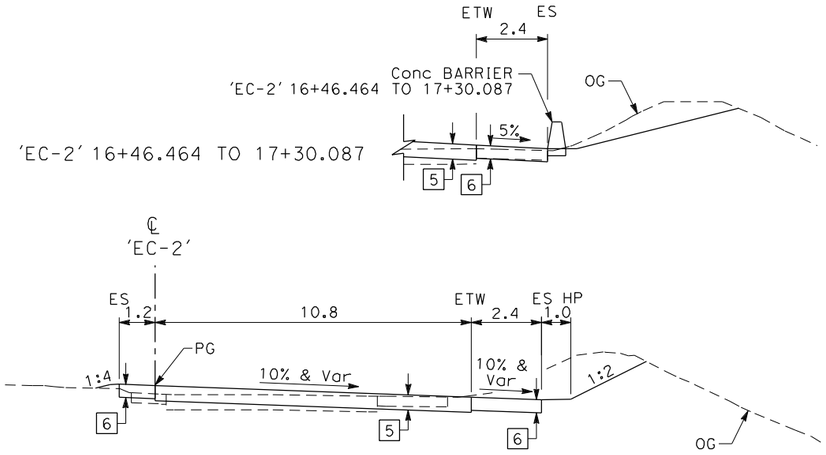
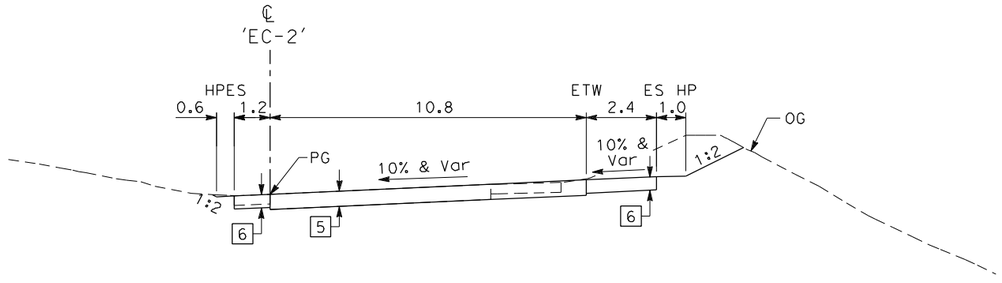


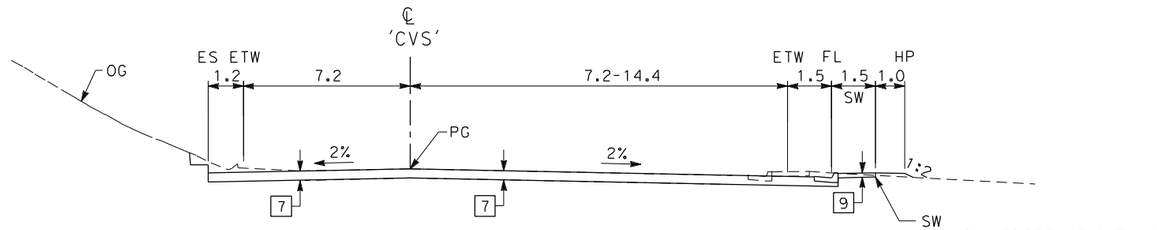
EL CAMINO REAL EB ON-RAMP

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



EL CAMINO REAL EB ON-RAMP

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



CARMEL VALLEY ROAD SOUTH

'CVS' 541+77 TO 543+77.376

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-5

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Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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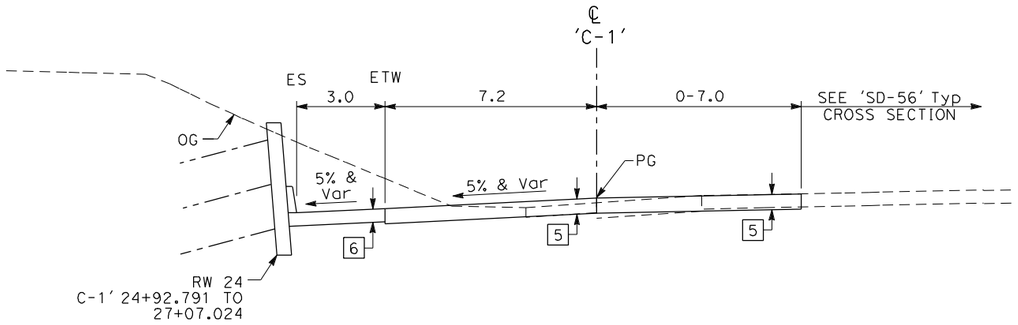
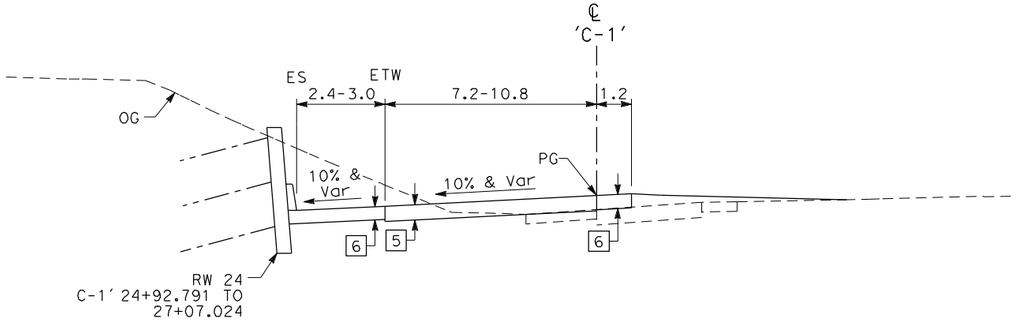


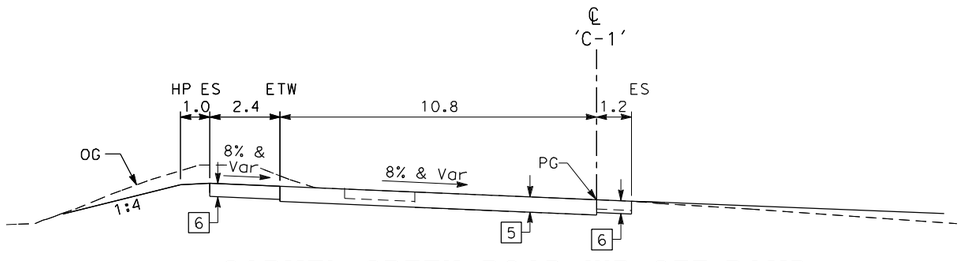
CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 26+27.753 TO 27+10



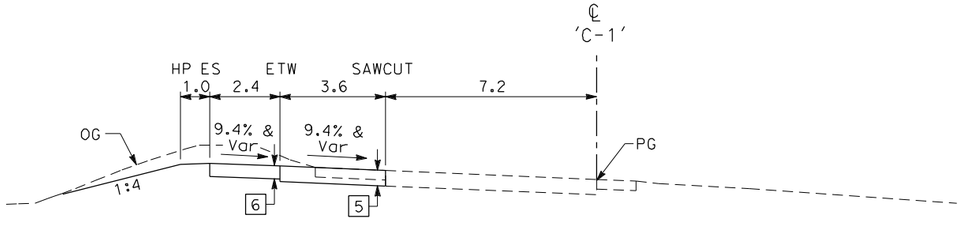
CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 24+53.216 TO 26+27.753



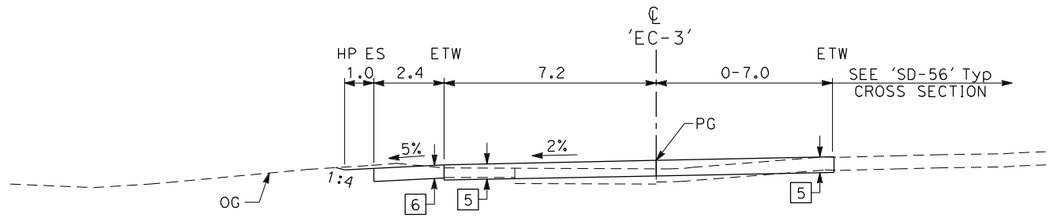
CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 23+93.216 TO 24+53.216



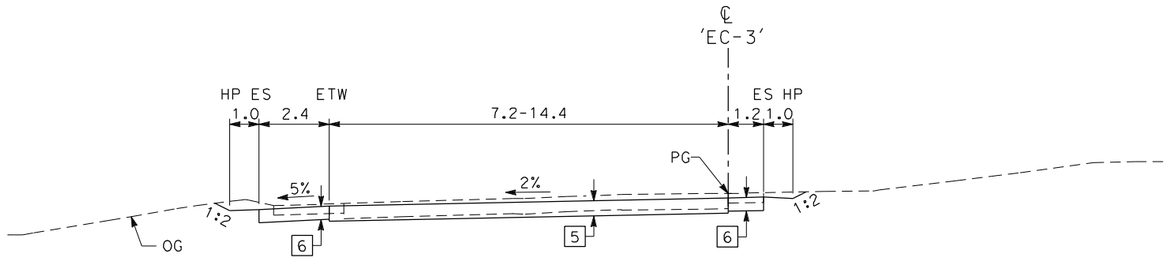
CARMEL CREEK ROAD WB OFF-RAMP

'C-1' 23+11.687 TO 23+93.216



EL CAMINO REAL WB OFF-RAMP

'EC-3' 17+90.683 TO 18+68.516



EL CAMINO REAL WB OFF-RAMP

'EC-3' 17+08.448 TO 17+90.683

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-6

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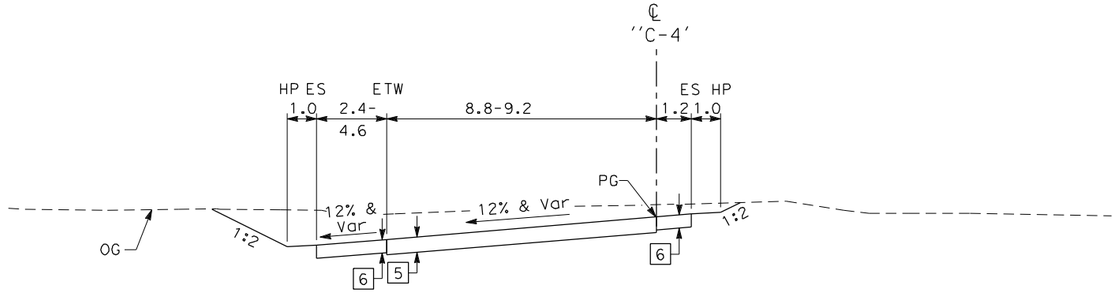
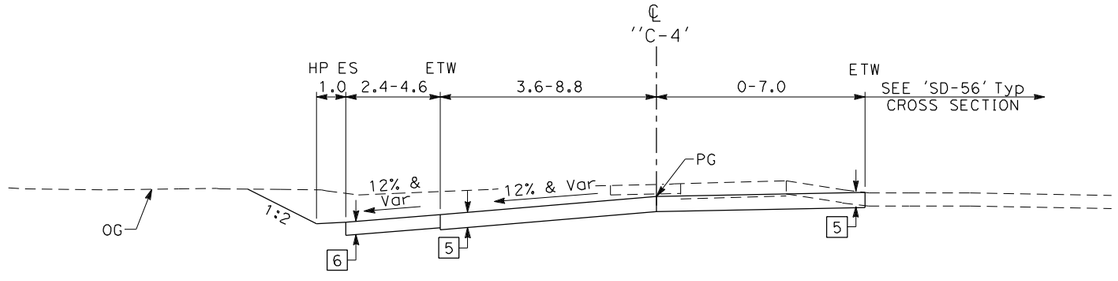


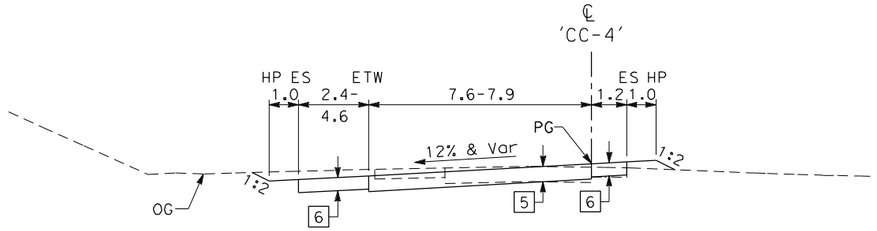
CARMEL CREEK ROAD WB LOOP ON-RAMP

'C-4' 23+90.873 TO 25+53.772



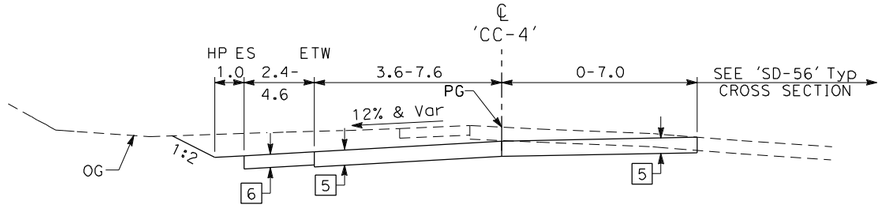
CARMEL CREEK ROAD WB LOOP ON-RAMP

'C-4' 22+21.031 TO 23+90.873



WB CARMEL COUNTRY ROAD LOOP ON-RAMP

'CC-4' 39+58.389 TO 40+00



WB CARMEL COUNTRY ROAD LOOP ON-RAMP

'CC-4' 37+85.467 TO 39+58.389

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-7

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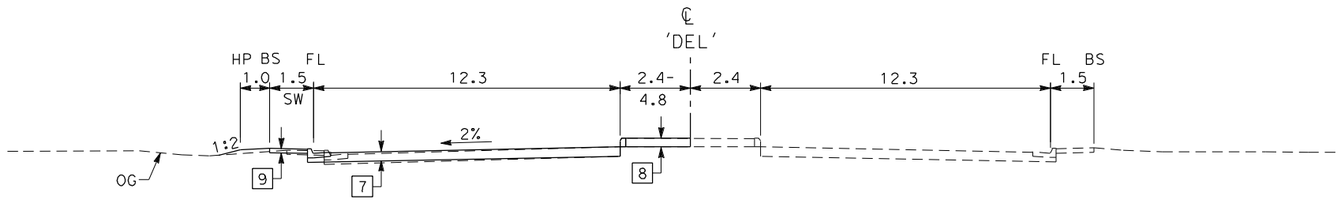
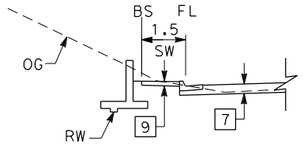


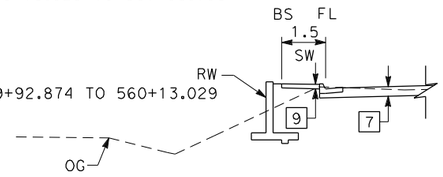
DEL MAR HEIGHTS ROAD

'DEL' 561+07.422 TO 561+75.244



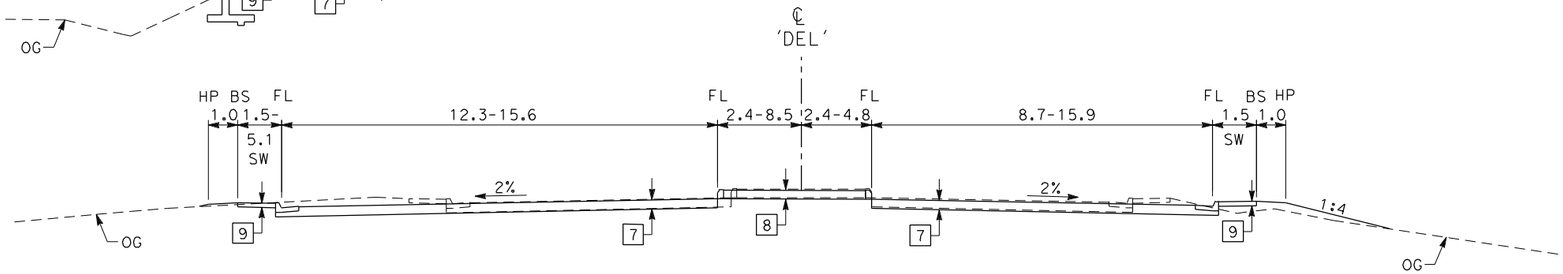
Sta 'DEL' 560+13.029 TO 561+08.103

Sta 'DEL' 560+13.029 TO 561+08.103



Sta 'DEL' 559+92.874 TO 560+13.029

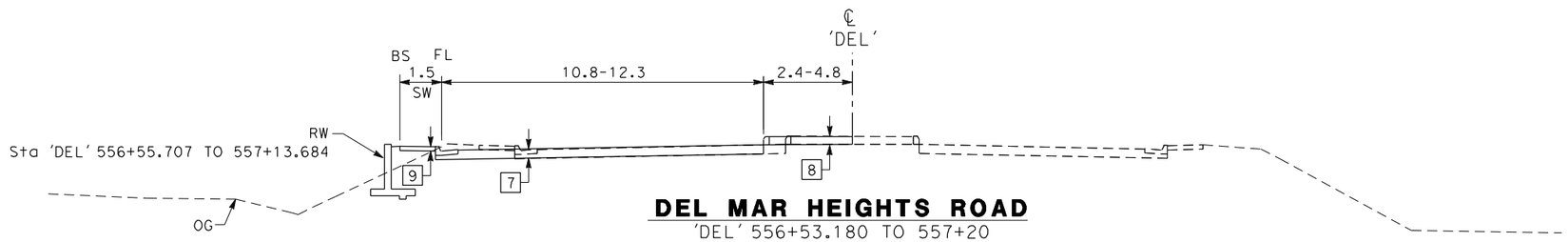
Sta 'DEL' 559+92.874 TO 560+13.029



DEL MAR HEIGHTS ROAD

'DEL' 557+20 TO 561+07.422

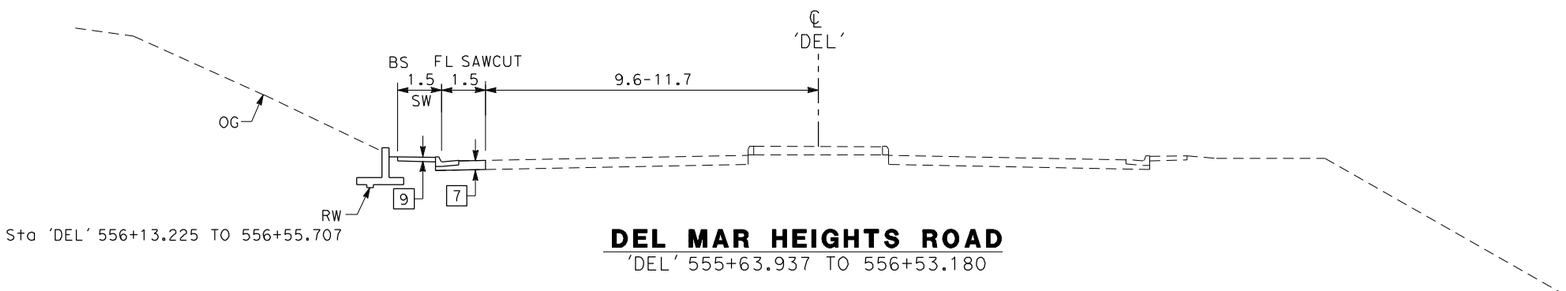
*Sta 'DEL' 558+16.140 TO 559+37.213 SEE STRUCTURAL PLANS



Sta 'DEL' 556+55.707 TO 557+13.684

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 3
TYPICAL CROSS SECTIONS

NO SCALE

X-8

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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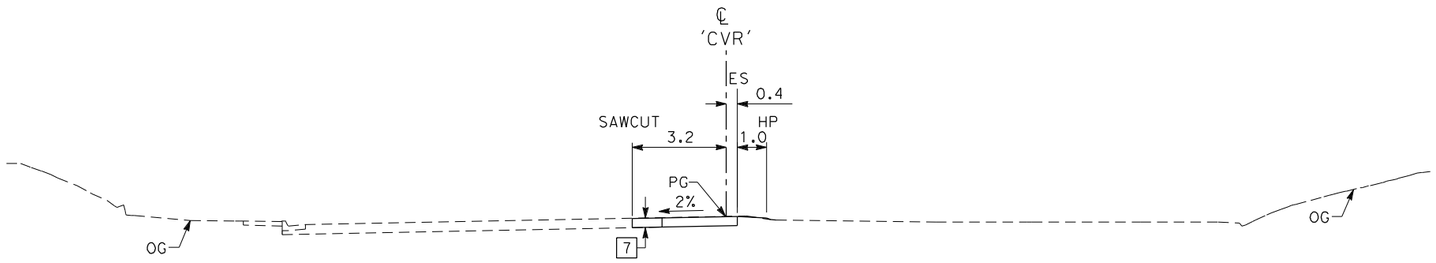
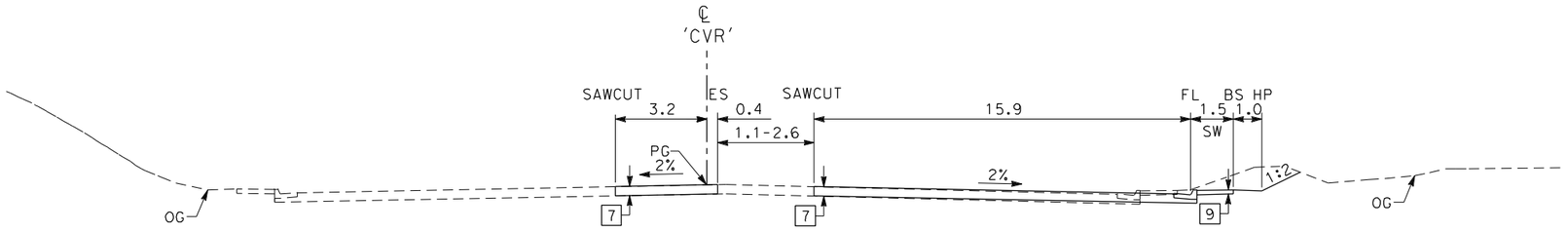
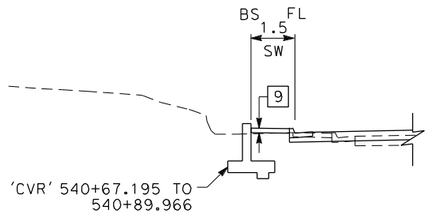
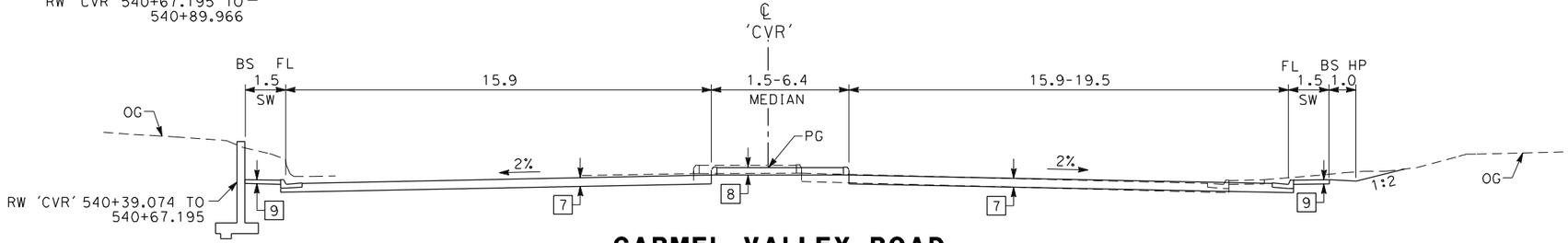


CARMEL VALLEY ROAD
'CVR' 541+77 TO 543+68.861

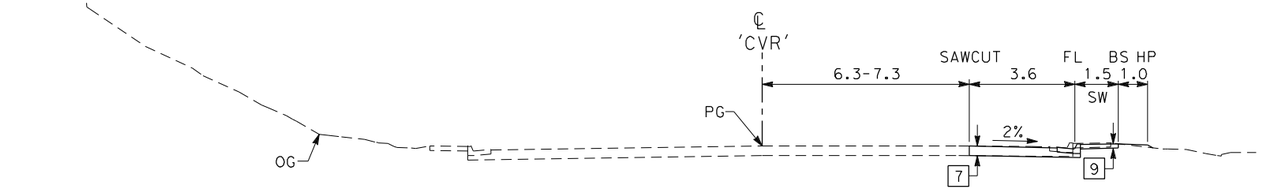


CARMEL VALLEY ROAD
'CVR' 540+89.660 TO 541+77





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



CARMEL VALLEY ROAD
'CVR' 539+73.161 TO 540+09.568

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METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 3
TYPICAL CROSS SECTIONS
NO SCALE

X-9

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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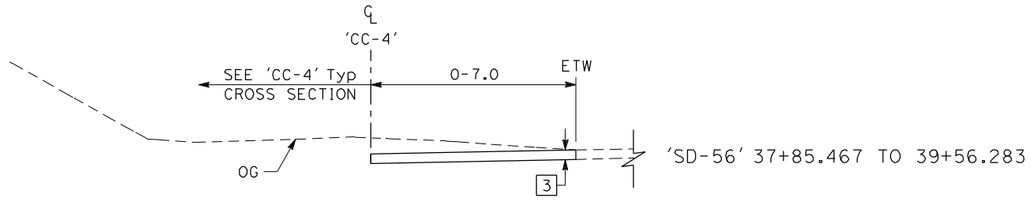
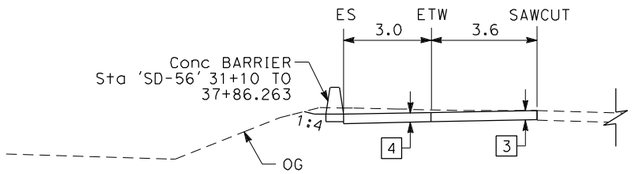
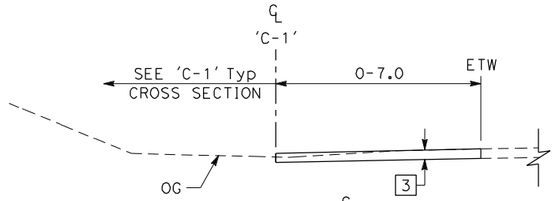


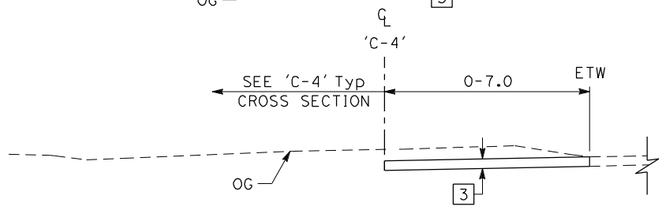
'SD-56' 37+85.467 TO 39+56.283



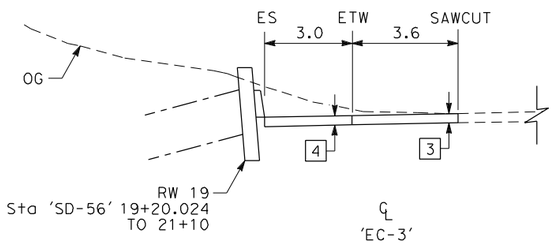
'SD-56' 32+60 TO 34+86.263



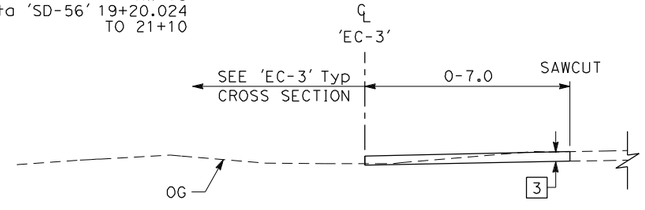
'SD-56' 26+27.282 TO 27+10



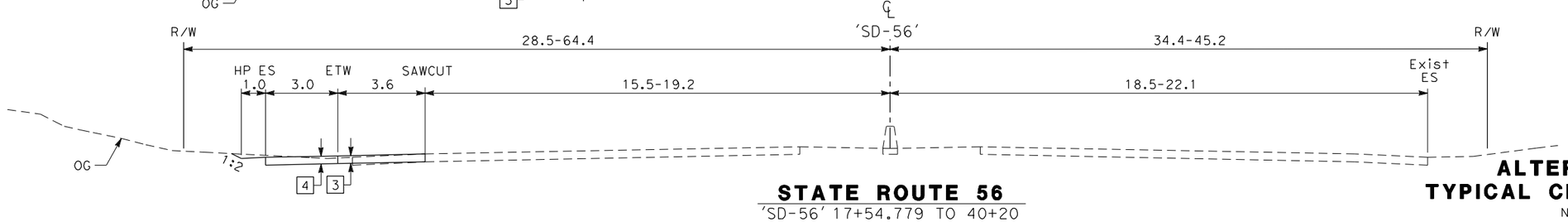
'SD-56' 22+21.030 TO 23+89.570



'SD-56' 19+20.024 TO 21+10



'SD-56' 17+91 TO 18+68.516



STATE ROUTE 56
'SD-56' 17+54.779 TO 40+20

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METERS UNLESS OTHERWISE SHOWN

ALTERNATIVE 3
TYPICAL CROSS SECTIONS

NO SCALE

X-10

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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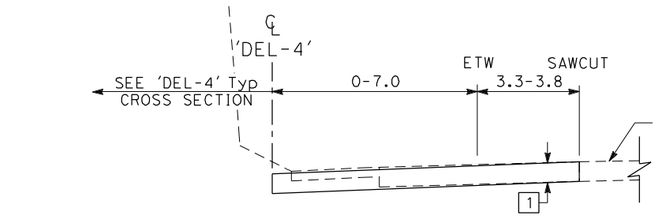
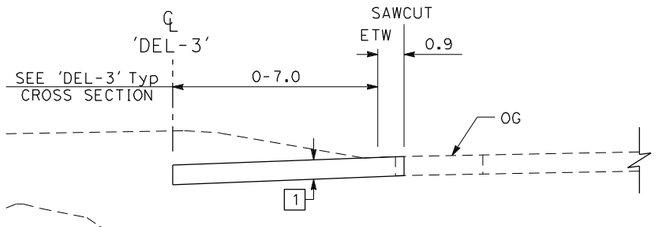
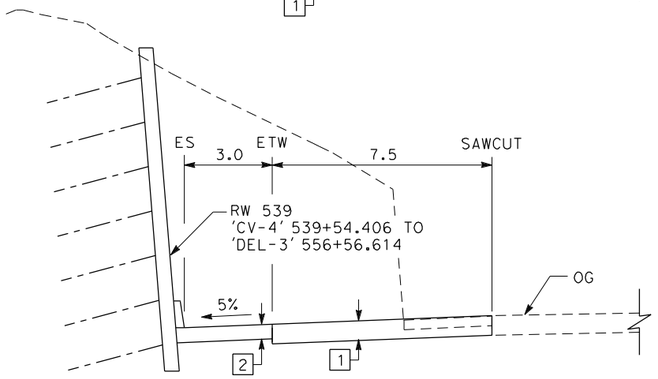


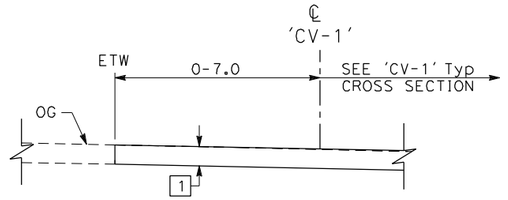
'SD-5' 556+90 TO 558+81.253



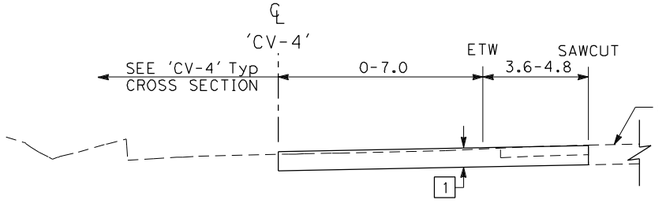
'SD-5' 553+10 TO 554+99.145



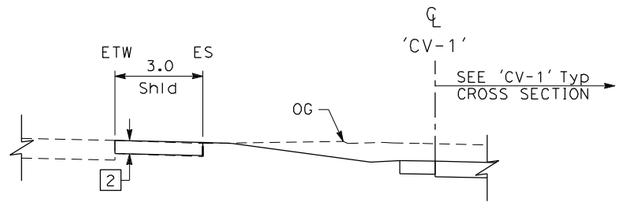
'SD-5' 543+33.116 TO 553+10



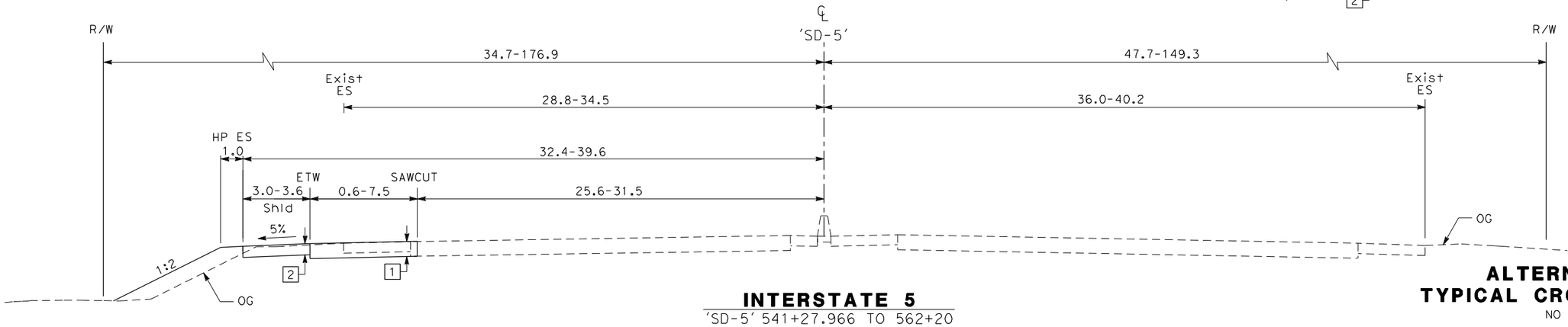
'SD-5' 543+49.137 TO 545+49.002



'SD-5' 542+51.048 TO 543+33.116



'SD-5' 542+47.137 TO 543+49.137



INTERSTATE 5
'SD-5' 541+27.966 TO 562+20

ALTERNATIVE 3
TYPICAL CROSS SECTIONS
NO SCALE

X-11

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