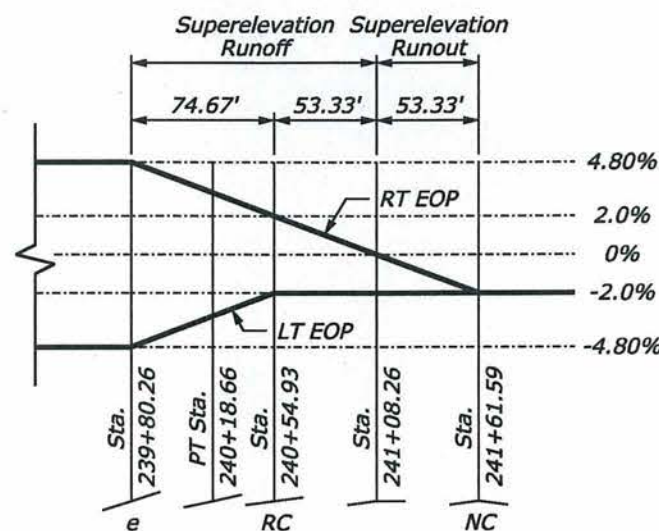
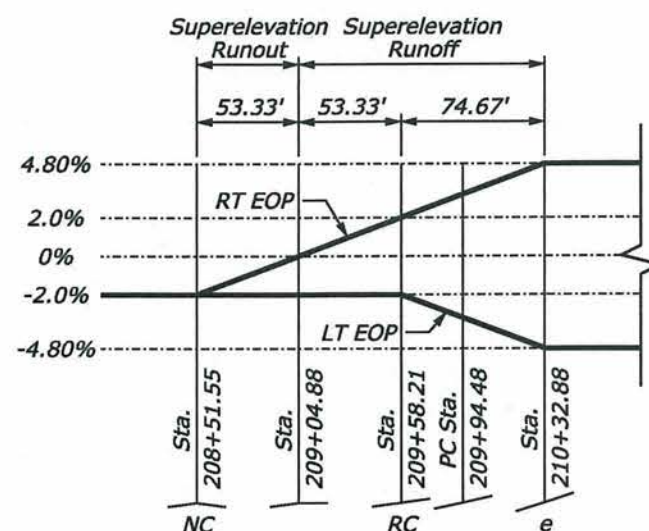
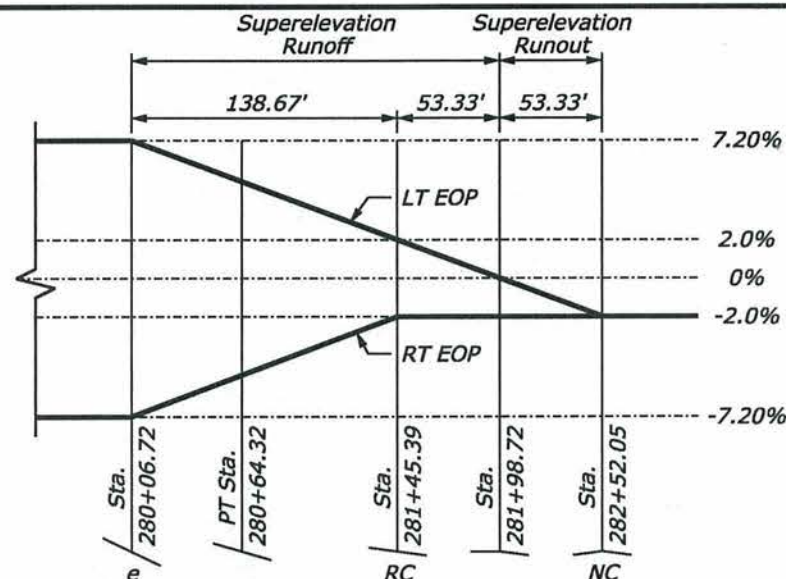
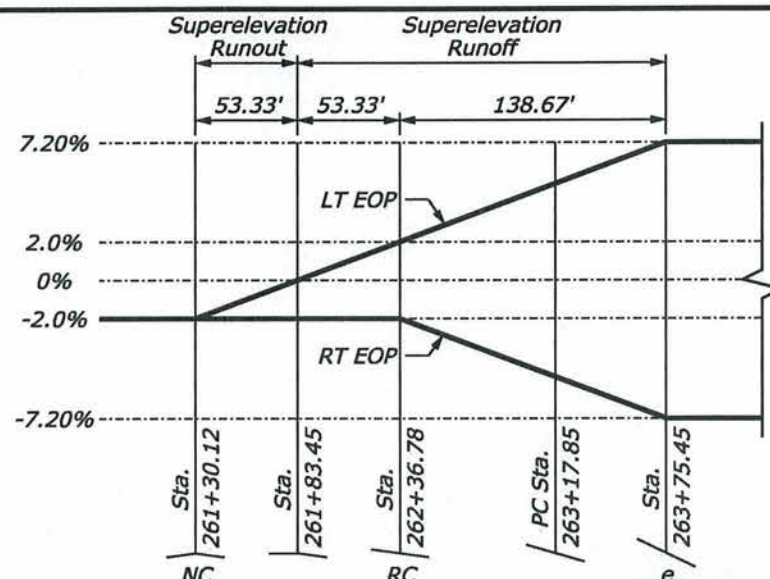


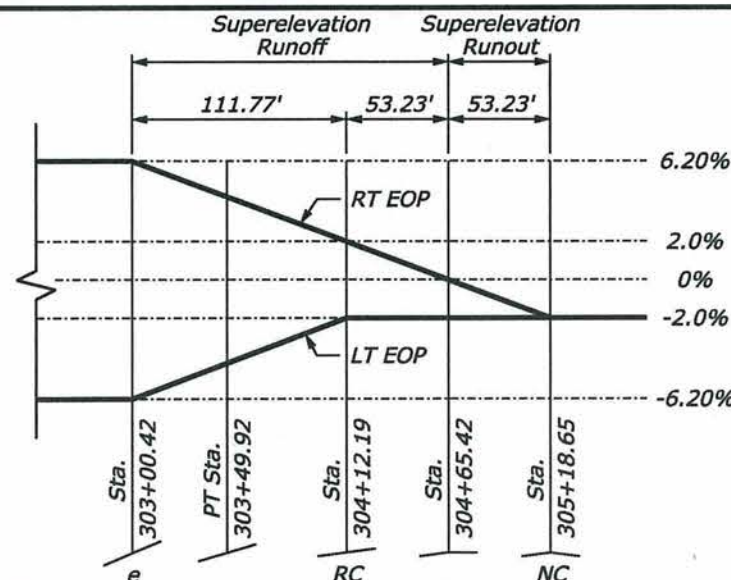
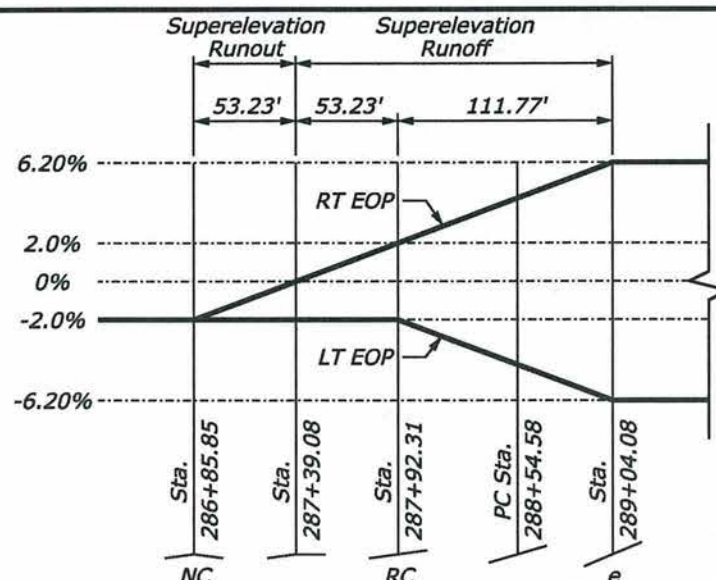
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	A18	A22



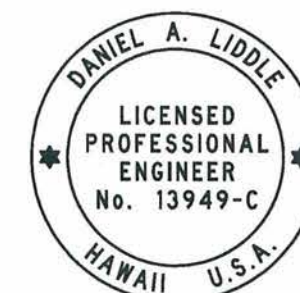
HORIZONTAL CURVE "MAIN-1"
 $R = 3,120'$; $e = 4.80$, LEFT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-2"
 $R = 1,820'$; $e = 7.20$, RIGHT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-3"
 $R = 2,300'$; $e = 6.20$, LEFT; $V = 60$ mph



This work was prepared by me
or under my supervision
Daniel A. Liddle
Expiration Date of License 4/30/2014

AS-BUILT DRAWINGS/SPECIFICATIONS

This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

GOODFELLOW BROS., INC.
Contractor's Name:

[Signature] 1/2/14
Signature Date

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

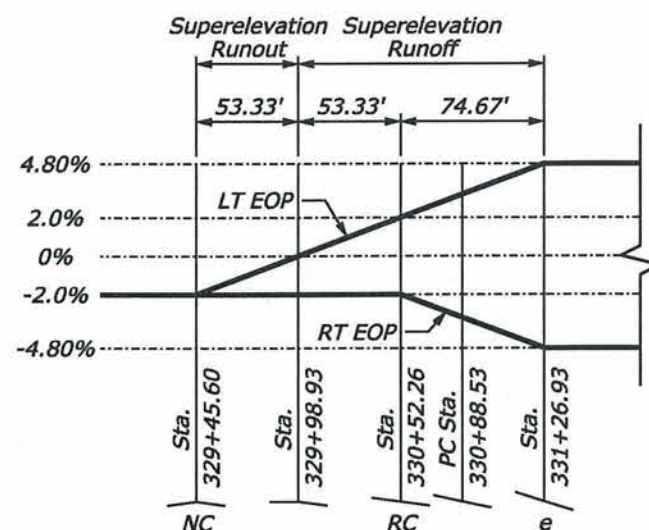
**SADDLE ROAD
SUPERELEVATION DIAGRAMS**

SHEET 1 of 5

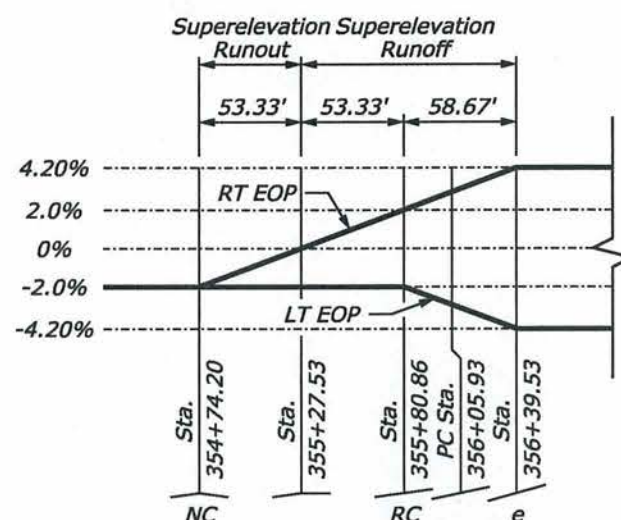
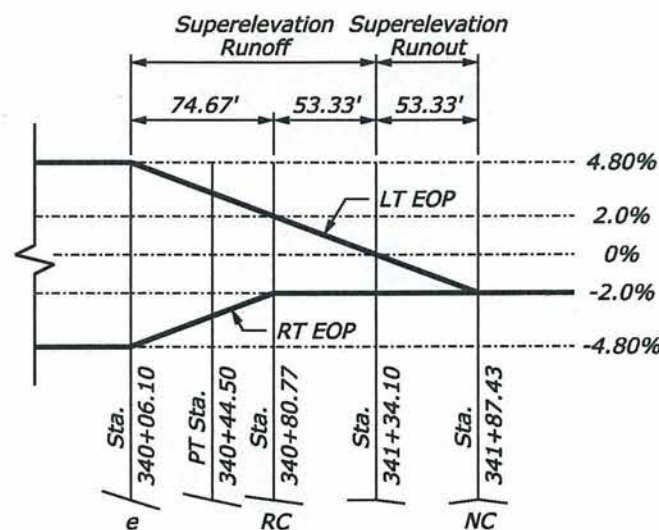
NO SCALE

S:\Tranpro\100013746-SR\HwyDes\Roadway\Sheets_Bid_Package_2\A-Gen_Sht\HI SR 200(00)_Super-01.dgn
3/20/2012 3:00:41 PM

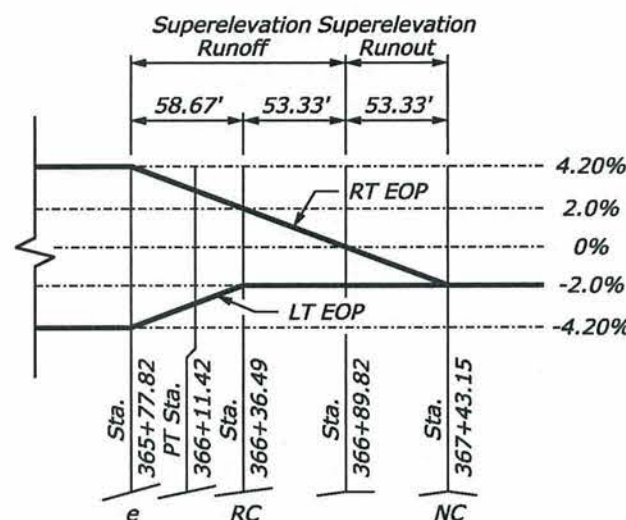
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	A19	A22



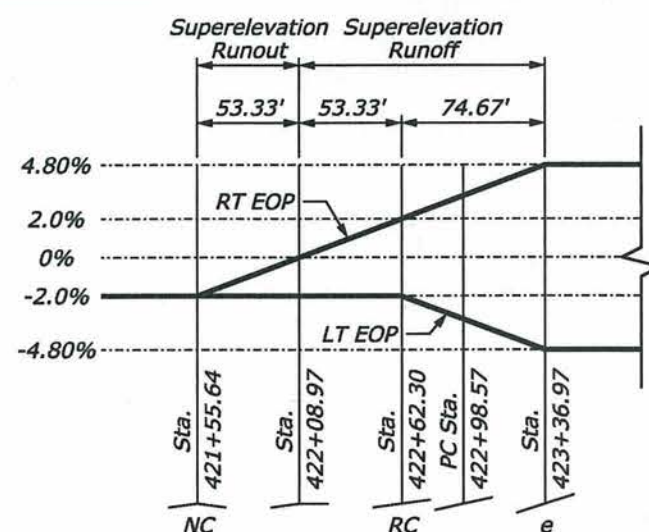
HORIZONTAL CURVE "MAIN-4"
 $R = 3,120'$; $e = 4.80$, RIGHT; $V = 60$ mph



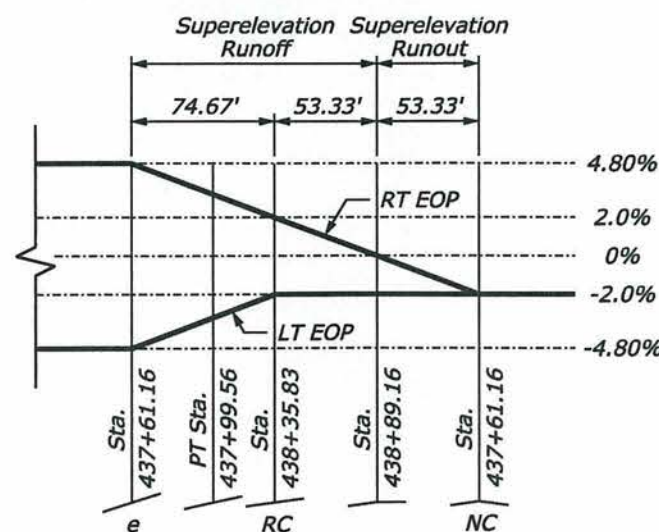
HORIZONTAL CURVE "MAIN-5"
 $R = 3,890'$; $e = 4.20$, LEFT; $V = 60$ mph



This work was prepared by me
or under my supervision
Daniel A. Liddle
Expiration Date of License 4/30/2014



HORIZONTAL CURVE "MAIN-6"
 $R = 3,120'$; $e = 4.80$, LEFT; $V = 60$ mph



AS-BUILT DRAWINGS/SPECIFICATIONS

This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

GOODFELLOW BROS., INC.
Contractor's Name:

Yun Kan 4/2/14
Signature Date

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

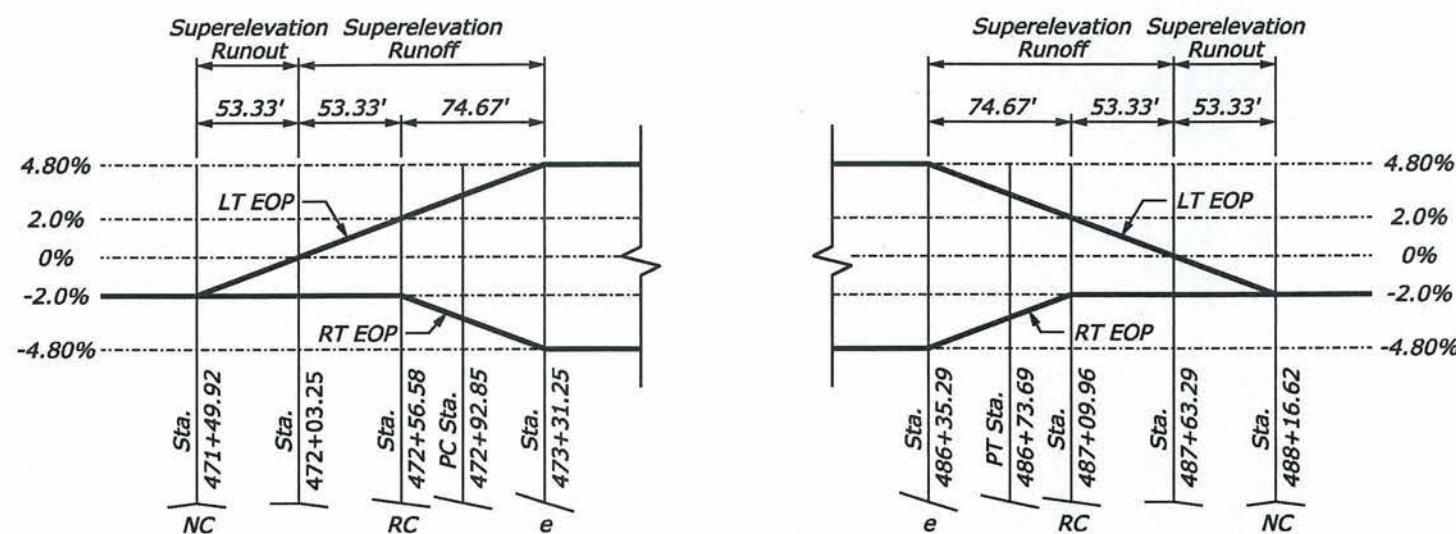
SADDLE ROAD SUPERELEVATION DIAGRAMS

SHEET 2 of 5

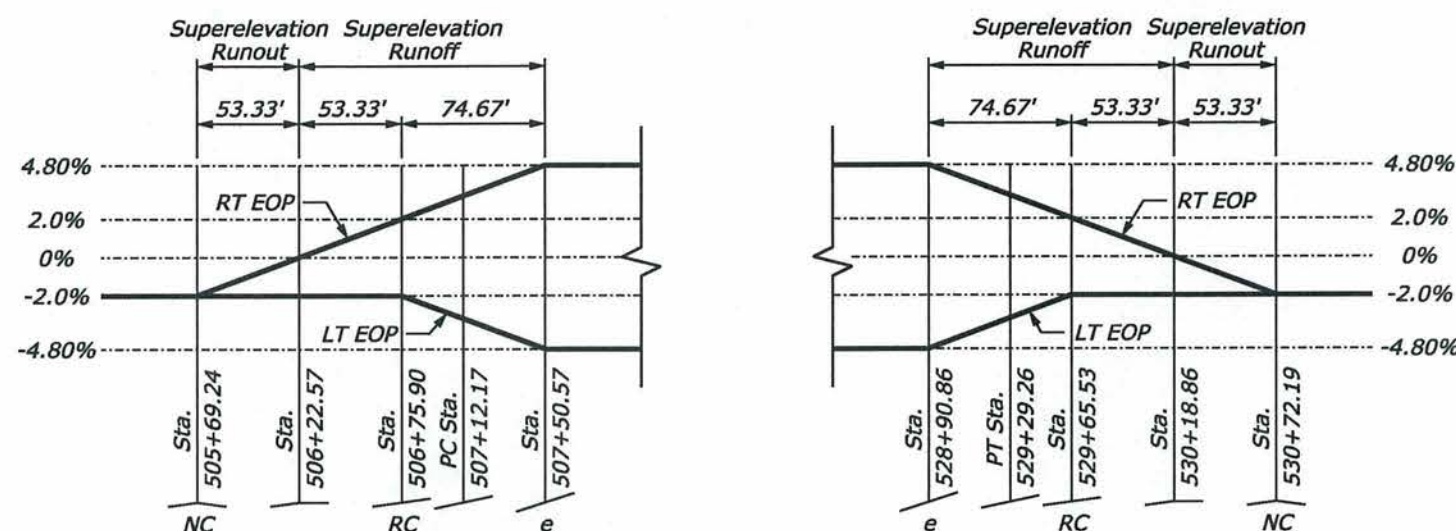
NO SCALE

3/20/2012 3:01:29 PM S:\Transport\100013746-SR\HwyDes\Drawings\Sheets_Bld_Package_21A-Gen_Sht\HI SR 200(00)_Super-02.dgn

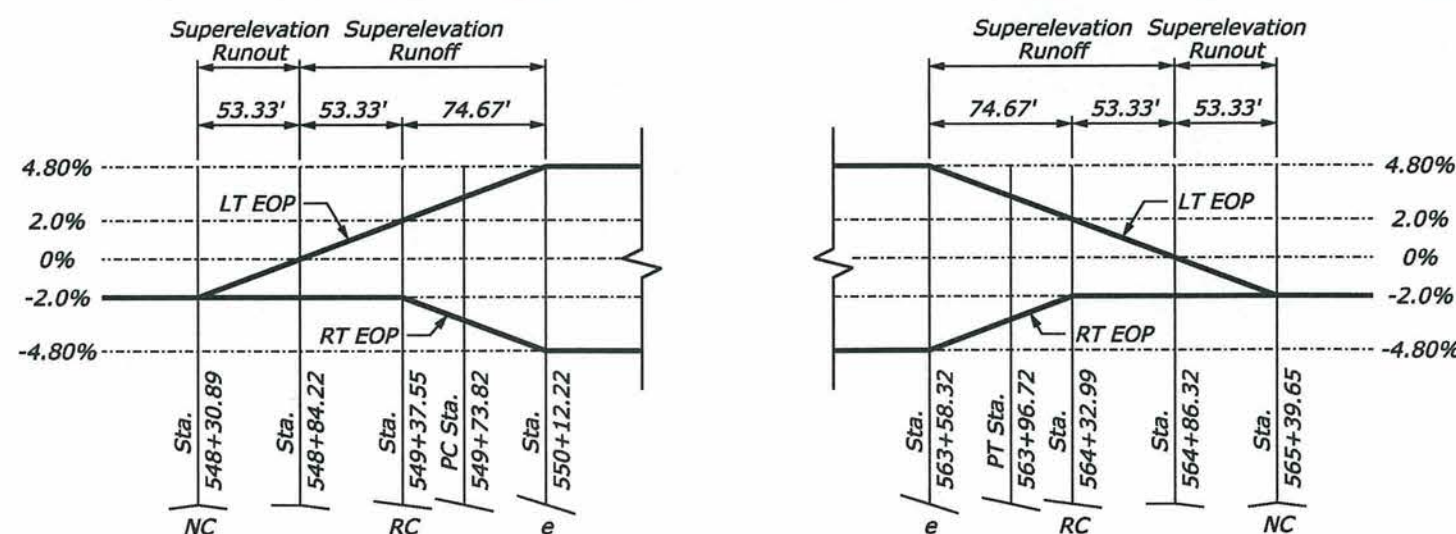
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	A20	A22



HORIZONTAL CURVE "MAIN-7"
 $R = 3,120'$; $e = 4.80$, RIGHT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-8"
 $R = 3,120'$; $e = 4.80$, LEFT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-9"
 $R = 3,120'$; $e = 4.80$, RIGHT; $V = 60$ mph



This work was prepared by me
or under my supervision
Daniel A. Liddle
Expiration Date of License 4/30/2014

AS-BUILT DRAWINGS/SPECIFICATIONS
This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

GOODFELLOW BROS., INC.
Contractor's Name:

[Signature] 1/2/14
Signature Date

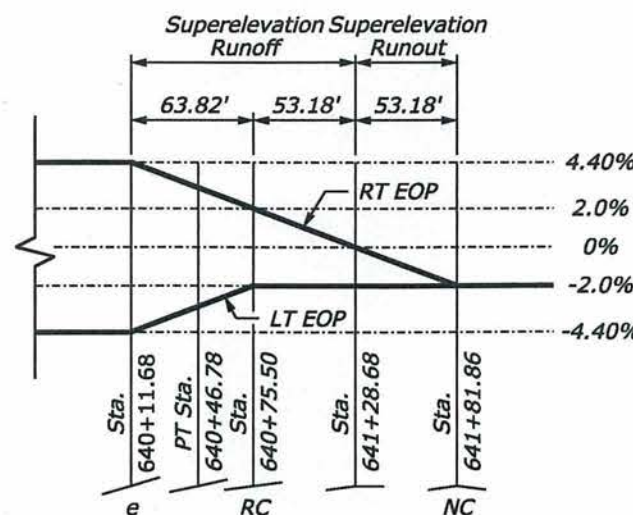
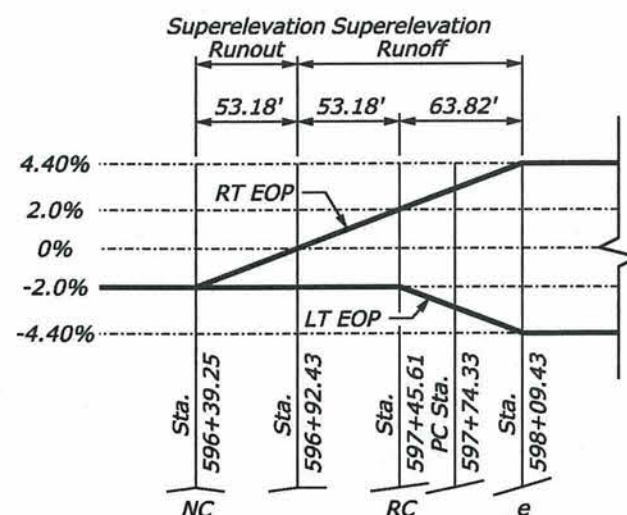
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**SADDLE ROAD
SUPERELEVATION DIAGRAMS**

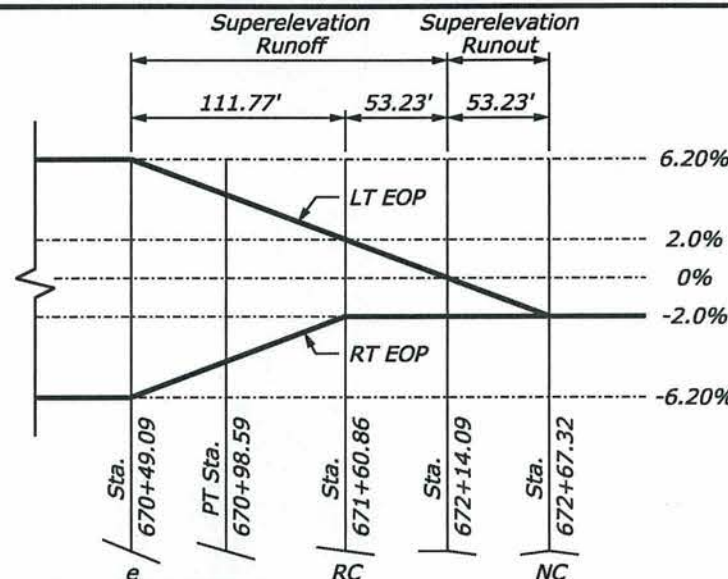
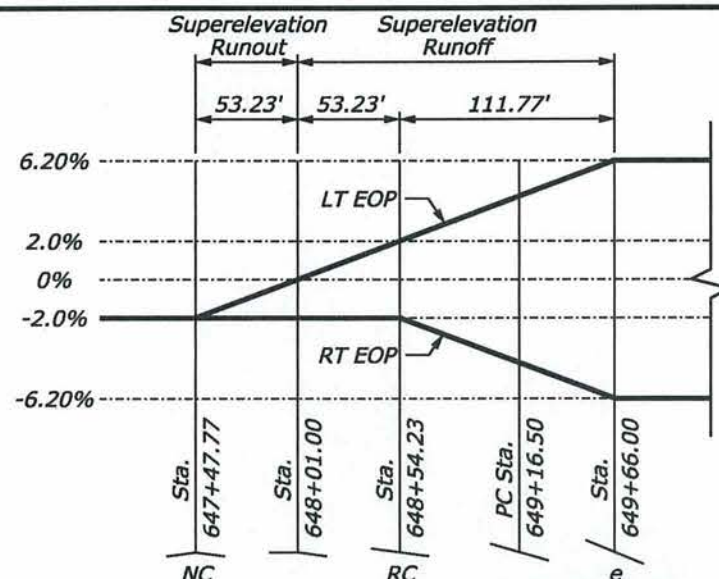
SHEET 3 of 5

NO SCALE

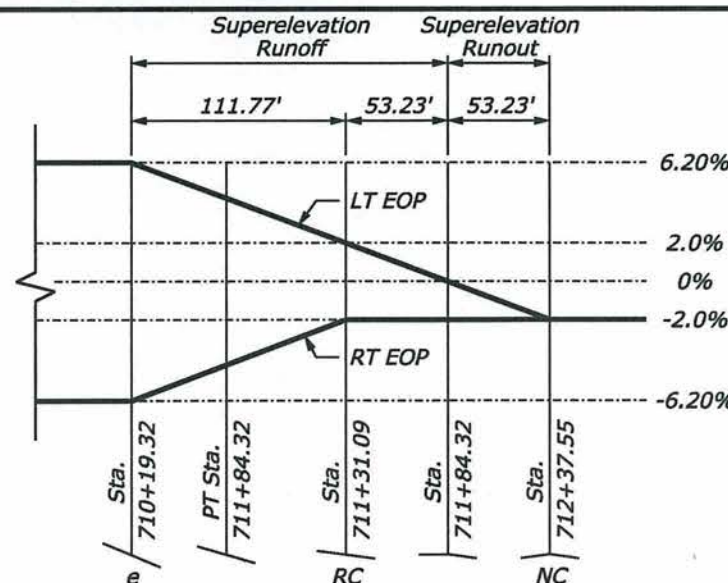
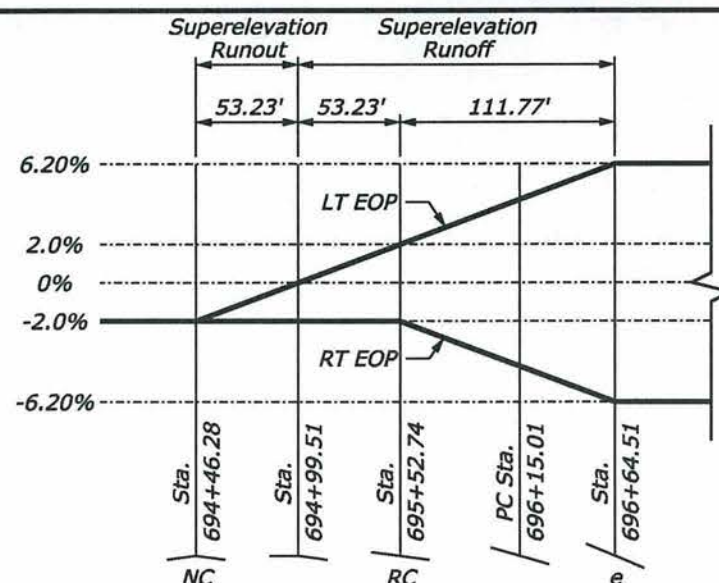
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	A21	A22



HORIZONTAL CURVE "MAIN-10"
 $R = 3,670'$; $e = 4.40$, LEFT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-11"
 $R = 2,300'$; $e = 6.20$, RIGHT; $V = 60$ mph



HORIZONTAL CURVE "MAIN-12"
 $R = 2,300'$; $e = 6.20$, RIGHT; $V = 60$ mph



This work was prepared by me
or under my supervision
Daniel A. Liddle
Expiration Date of License 4/30/2014

AS-BUILT DRAWINGS/SPECIFICATIONS
This certifies that the dimensions and
details shown on this sheet reflect the
dimensions and details and specifications
as constructed in the field.

GOODFELLOW BROS., INC.
Contractor's Name:
[Signature] 1/2/14
Signature Date

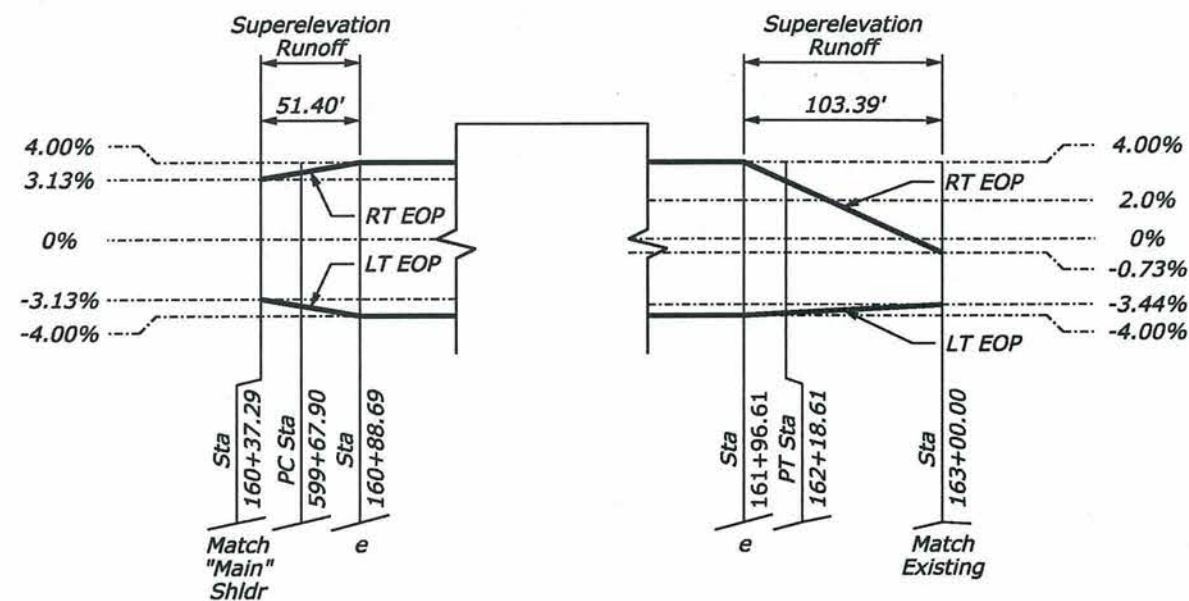
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**SADDLE ROAD
SUPERELEVATION DIAGRAMS**

SHEET 4 of 5

NO SCALE

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(7)	A22	A22



HORIZONTAL CURVE "SADDLE-1"
 $R = 150'$; $e = 4.00$, LEFT; $V = 25$ mph

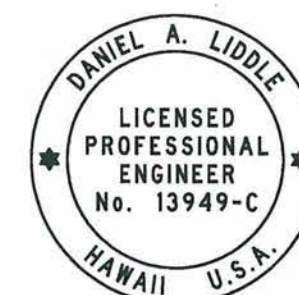
AS-BUILT DRAWINGS/SPECIFICATIONS

This certifies that the dimensions and details shown on this sheet reflect the dimensions and details and specifications as constructed in the field.

GOODFELLOW BROS., INC.

Contractor's Name:

[Signature] *12/14*
 Signature Date



This work was prepared by me or under my supervision

Daniel A. Liddle

Expiration Date of License 4/30/2014

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 CENTRAL FEDERAL LANDS HIGHWAY DIVISION

SADDLE ROAD SUPERELEVATION DIAGRAMS

SHEET 5 of 5

NO SCALE

S:\Tranpro\100013746-SR\HwyDes\Row\Sheets_Bld_Package_21A-Gen_Sht\HI SR 200(00)_Super-05.dgn
 3/20/2012 3:03:59 PM