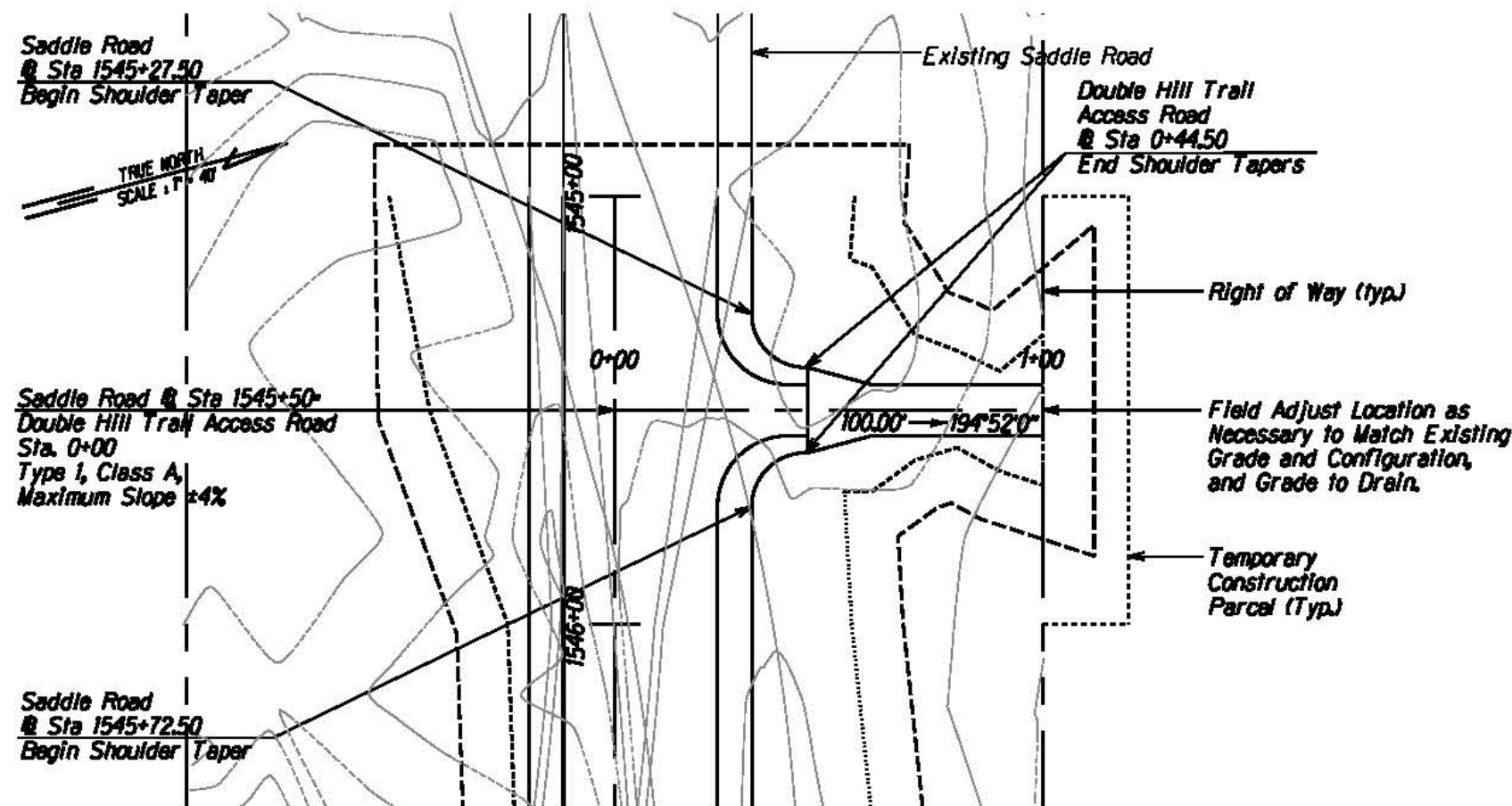
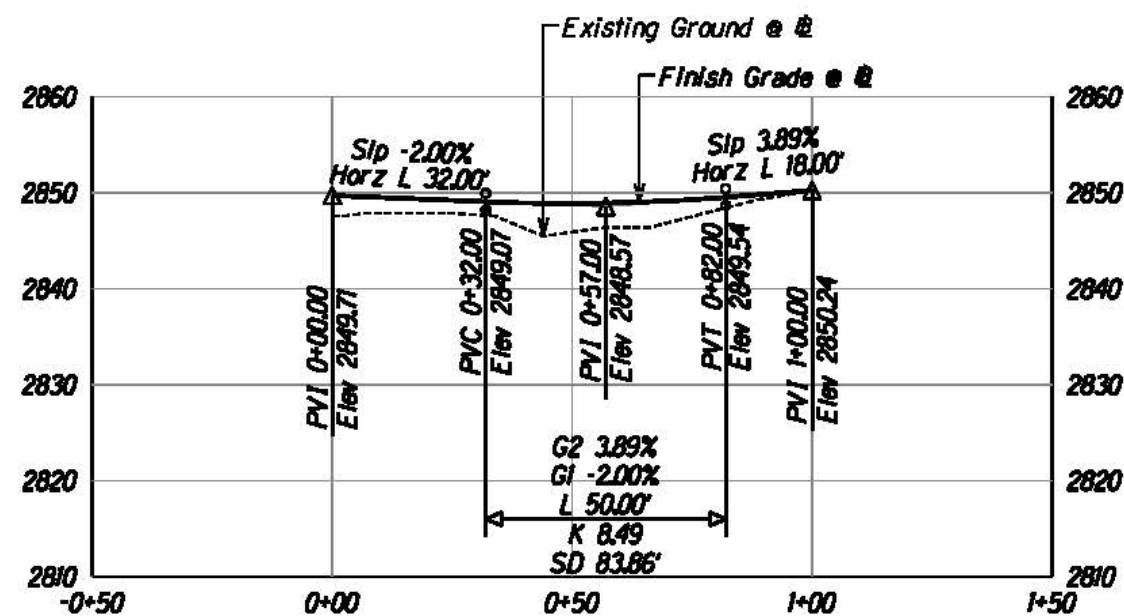


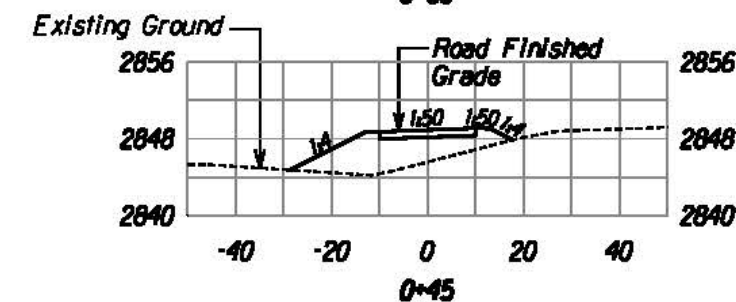
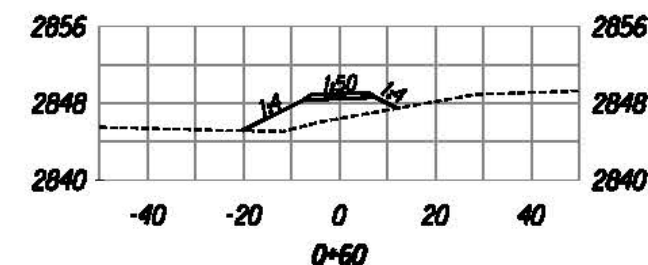
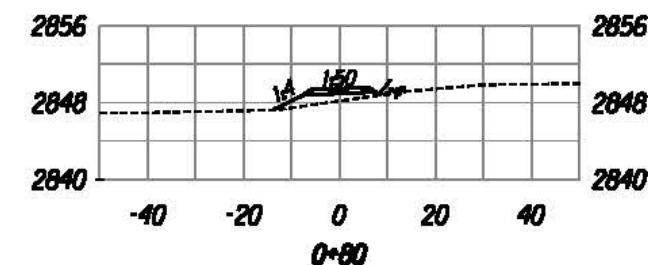
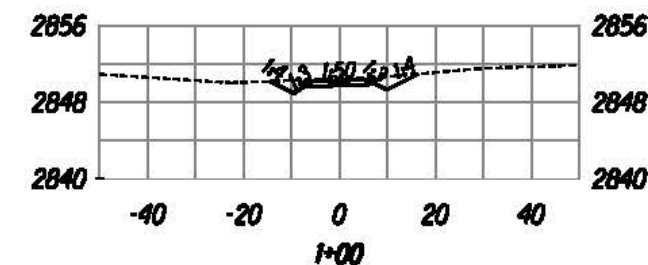
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E3	E27



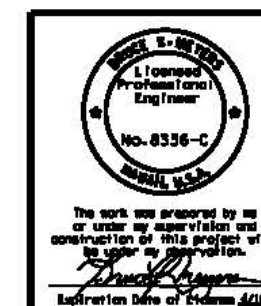
Plan
Scale: 1"=40'



Profile
Scale: Horiz. 1"=40'
Vert. 1"=20'

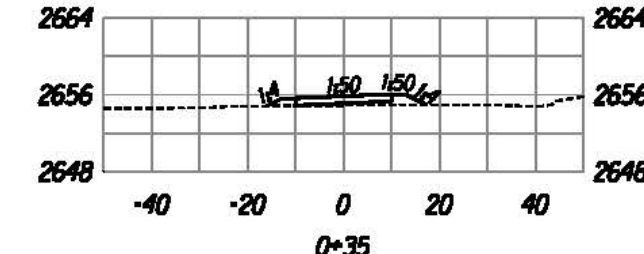
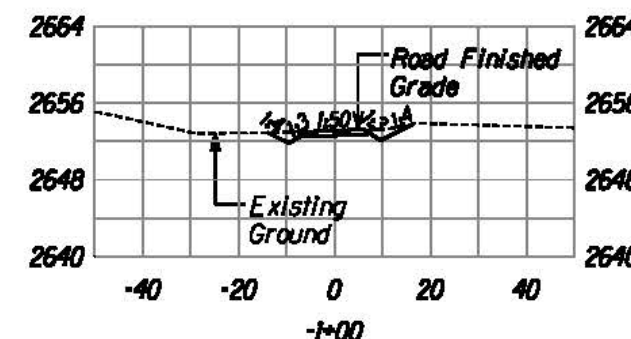
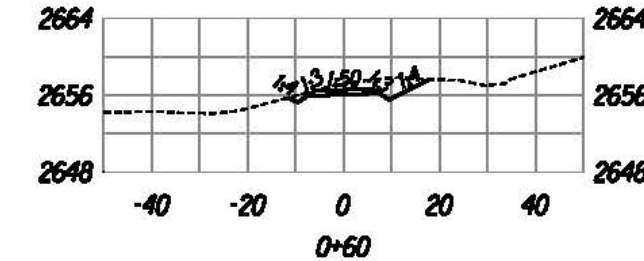
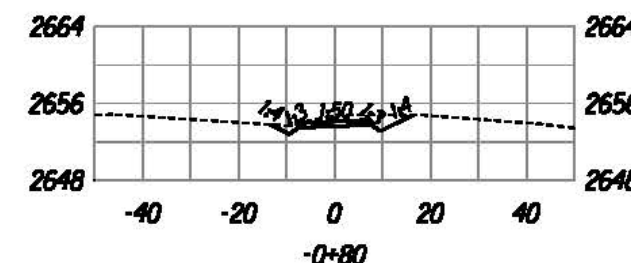
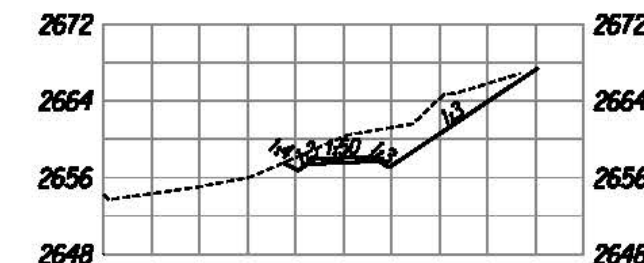
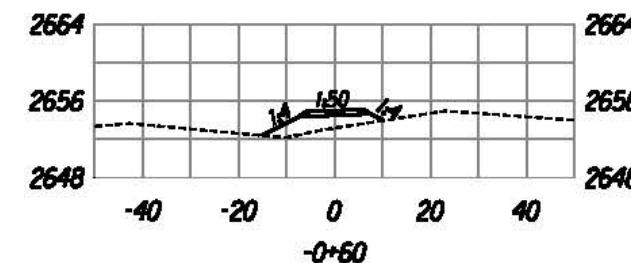
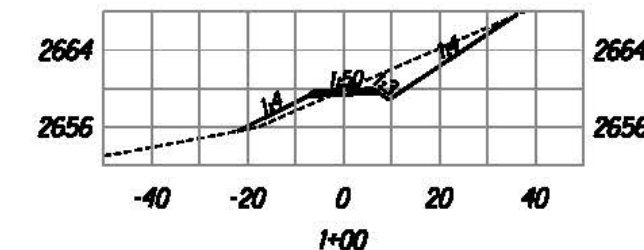
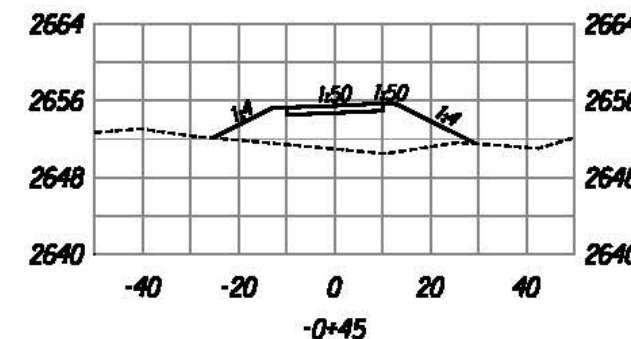
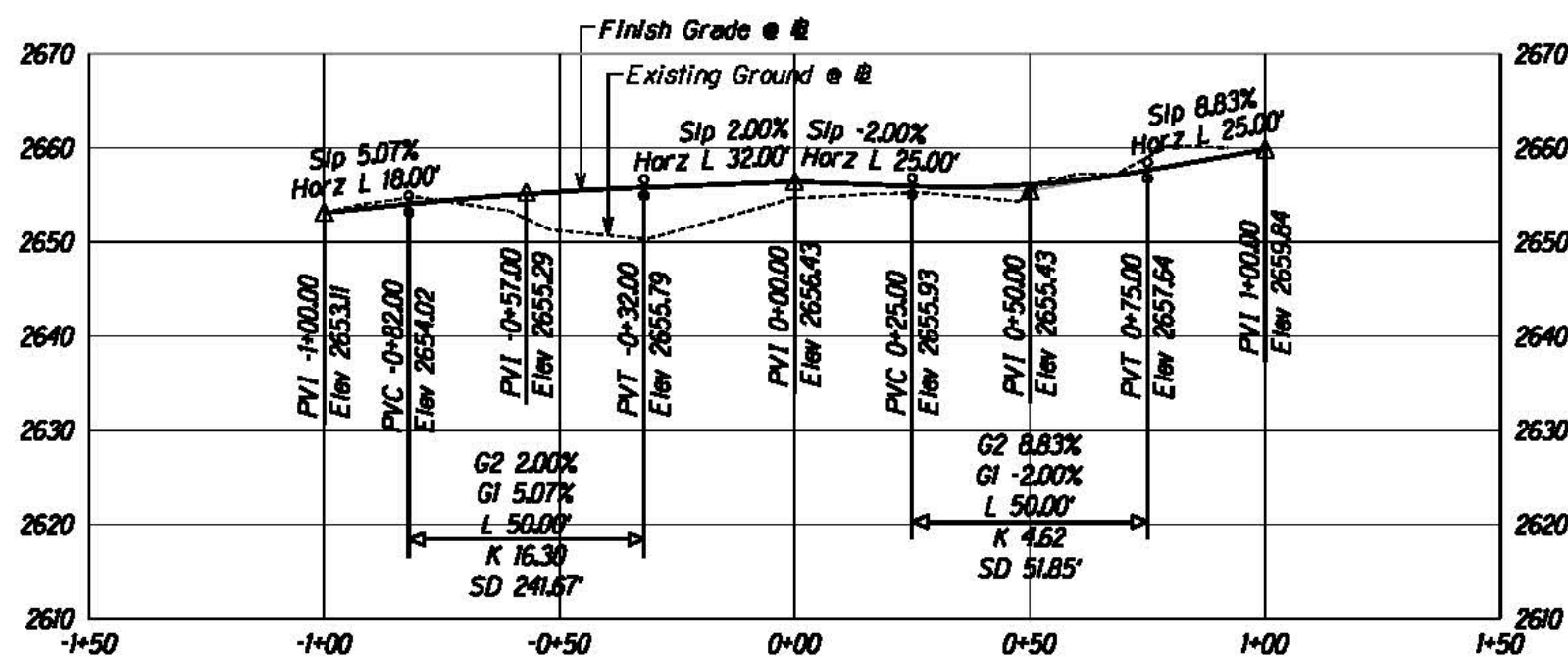
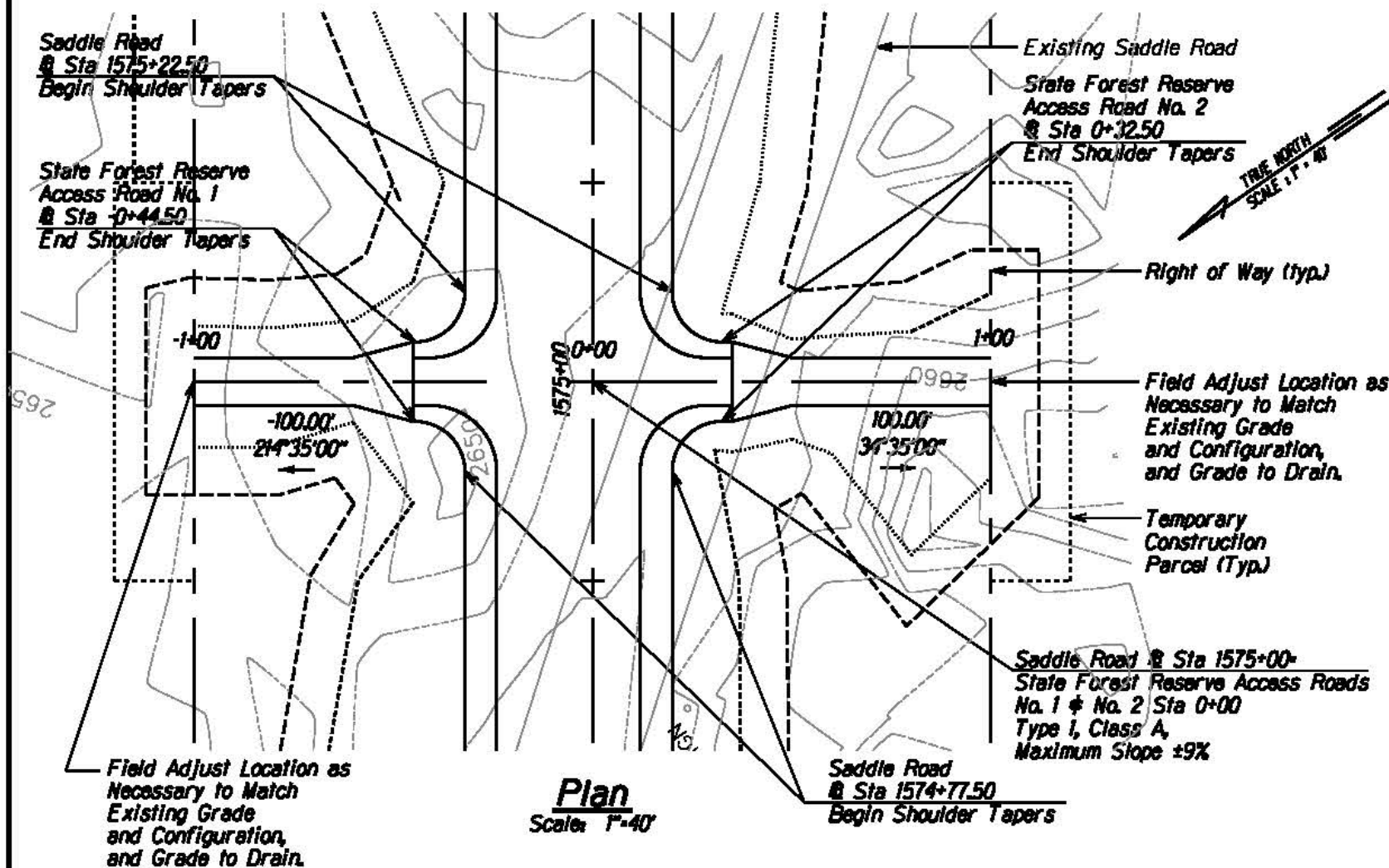


Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION	
DOUBLE HILL TRAIL ACCESS ROAD @ STA 1545+50	
Scale: As Noted	Date: August 21, 2015
SHEET No. 1 OF 1	

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E4	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'

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

**STATE FOREST RESERVE
ACCESS ROADS NO. 1 & NO. 2
@ STA 1575+00**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

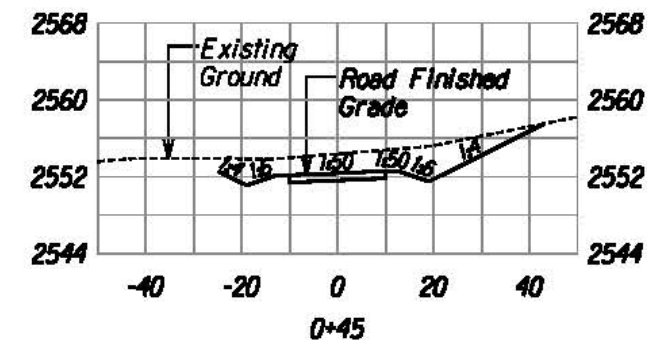
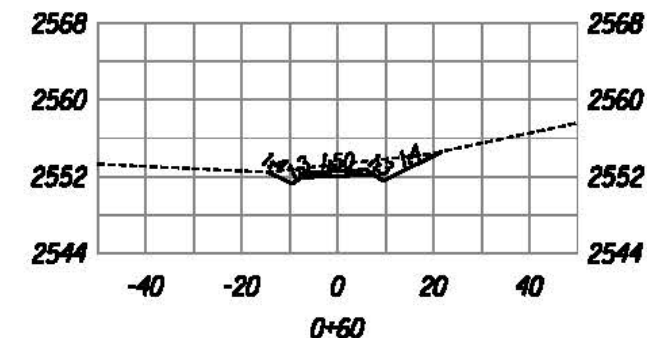
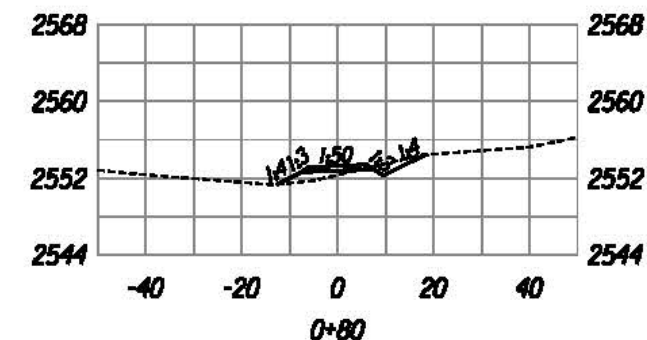
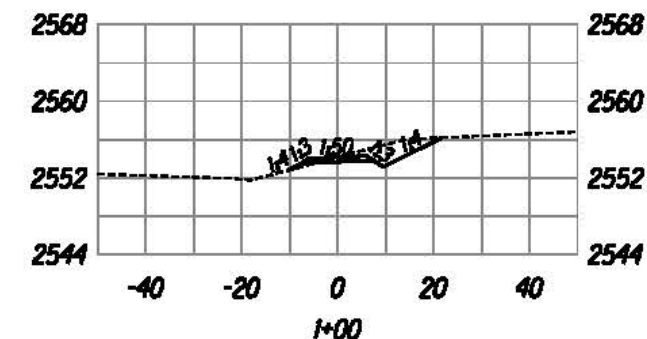
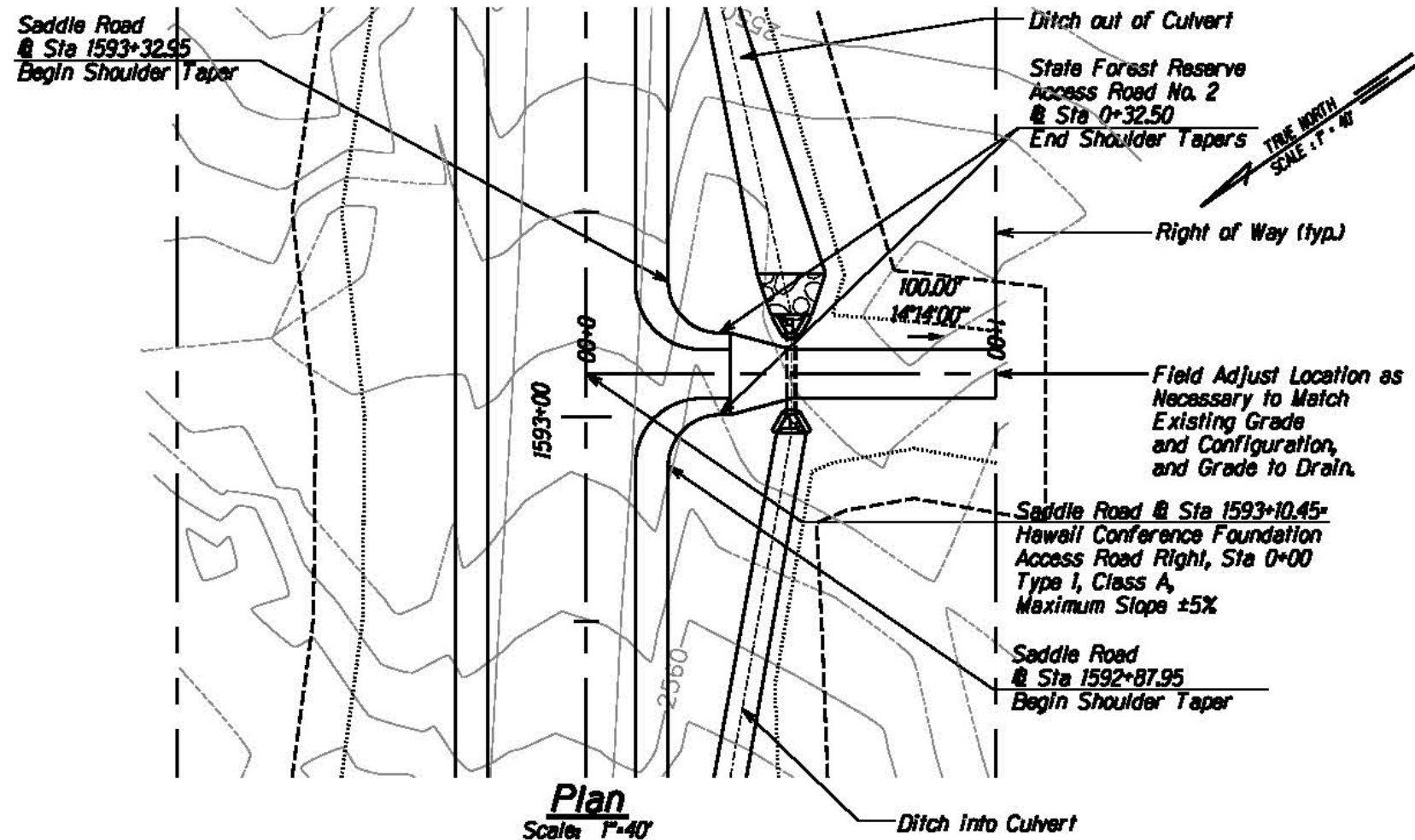
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**STATE FOREST RESERVE
ACCESS ROADS NO. 1 & NO. 2
@ STA 1575+00**

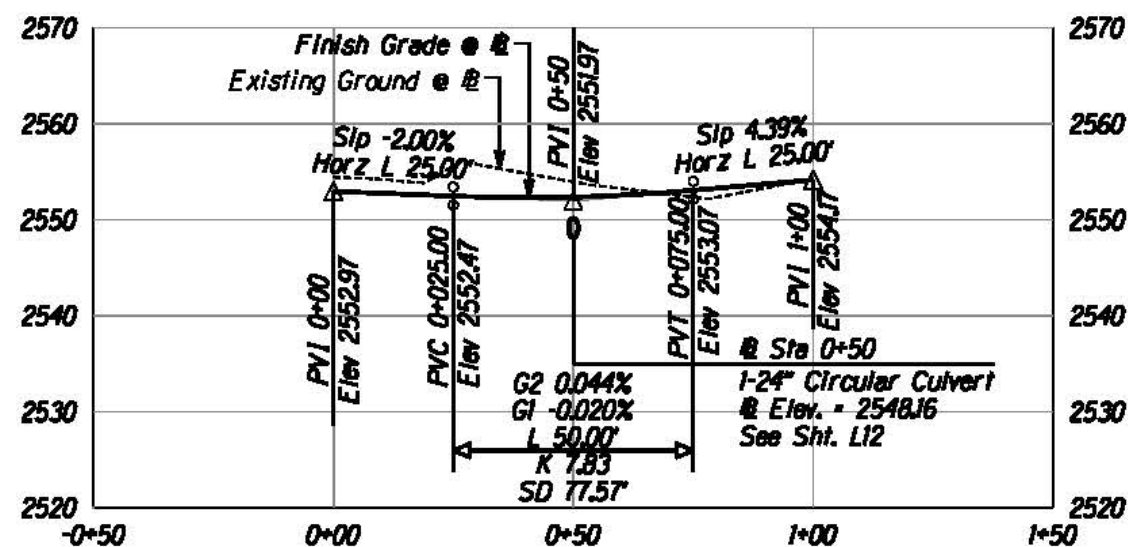
Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E5	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



Profile
Scale: Horiz. 1"=40'
Vert. 1"=20'



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construction of this project will
be under my supervision.
David S. M.
Expiration Date of License 2018.

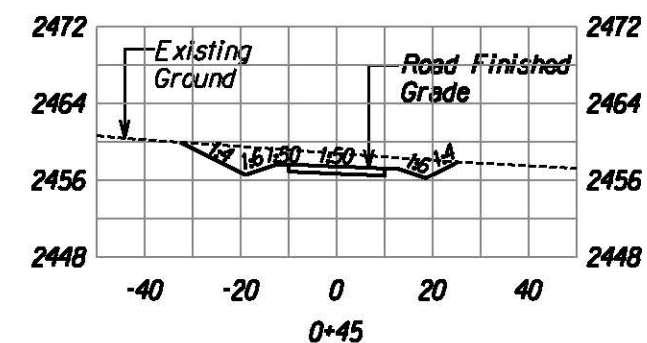
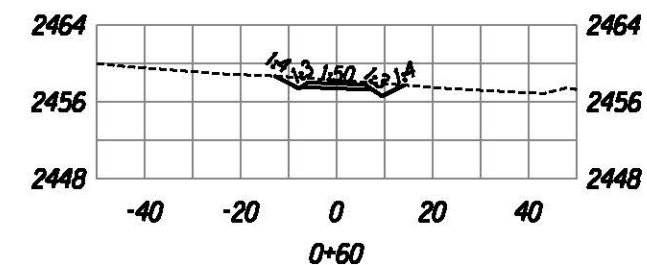
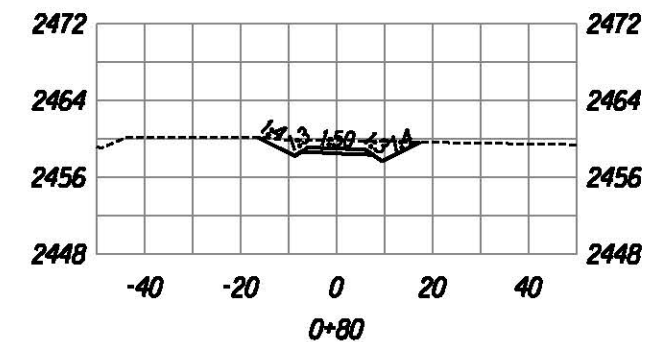
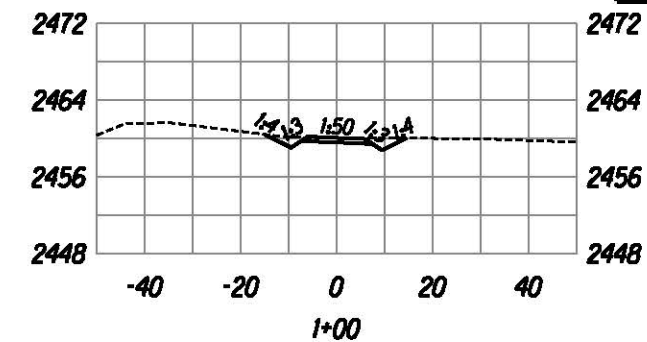
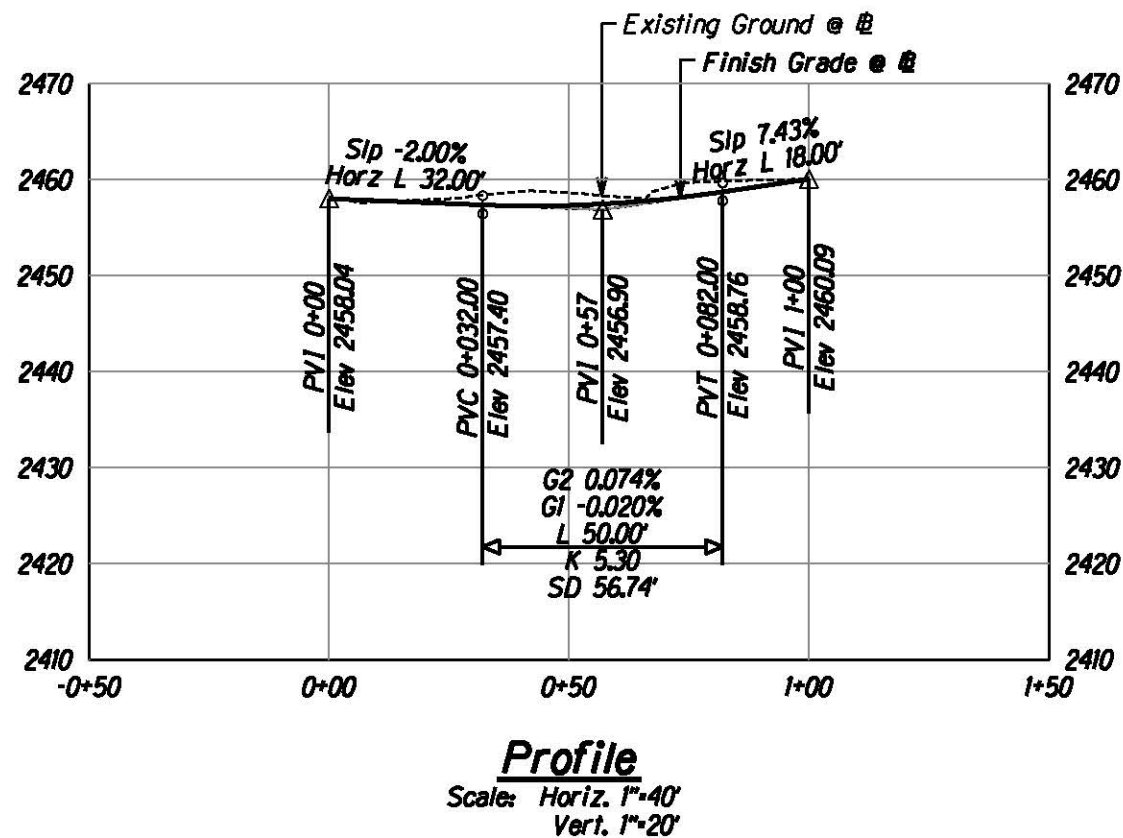
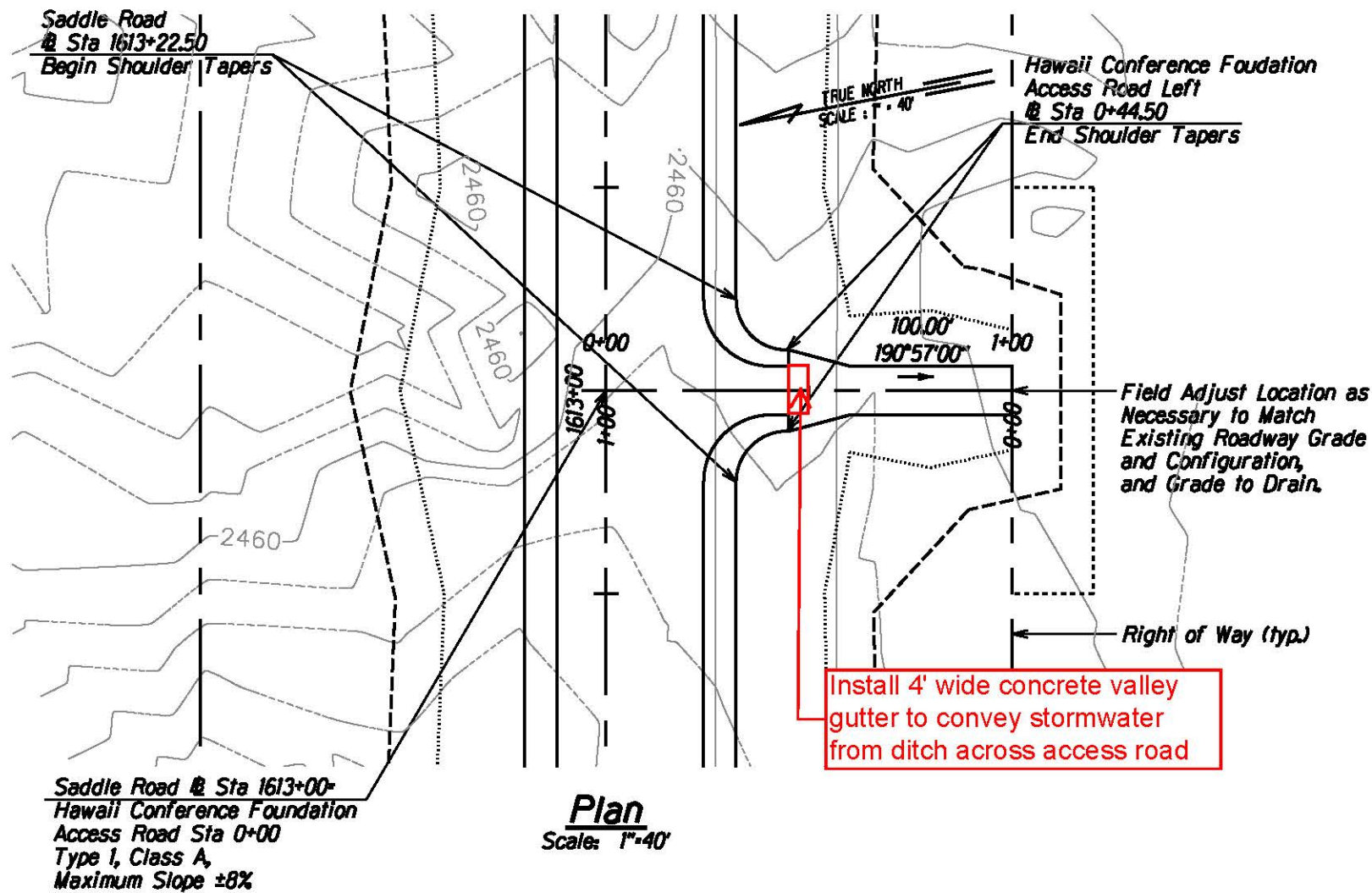
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**HAWAII CONFERENCE FOUNDATION
ACCESS ROAD RIGHT
@ STA 1593+10.45**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

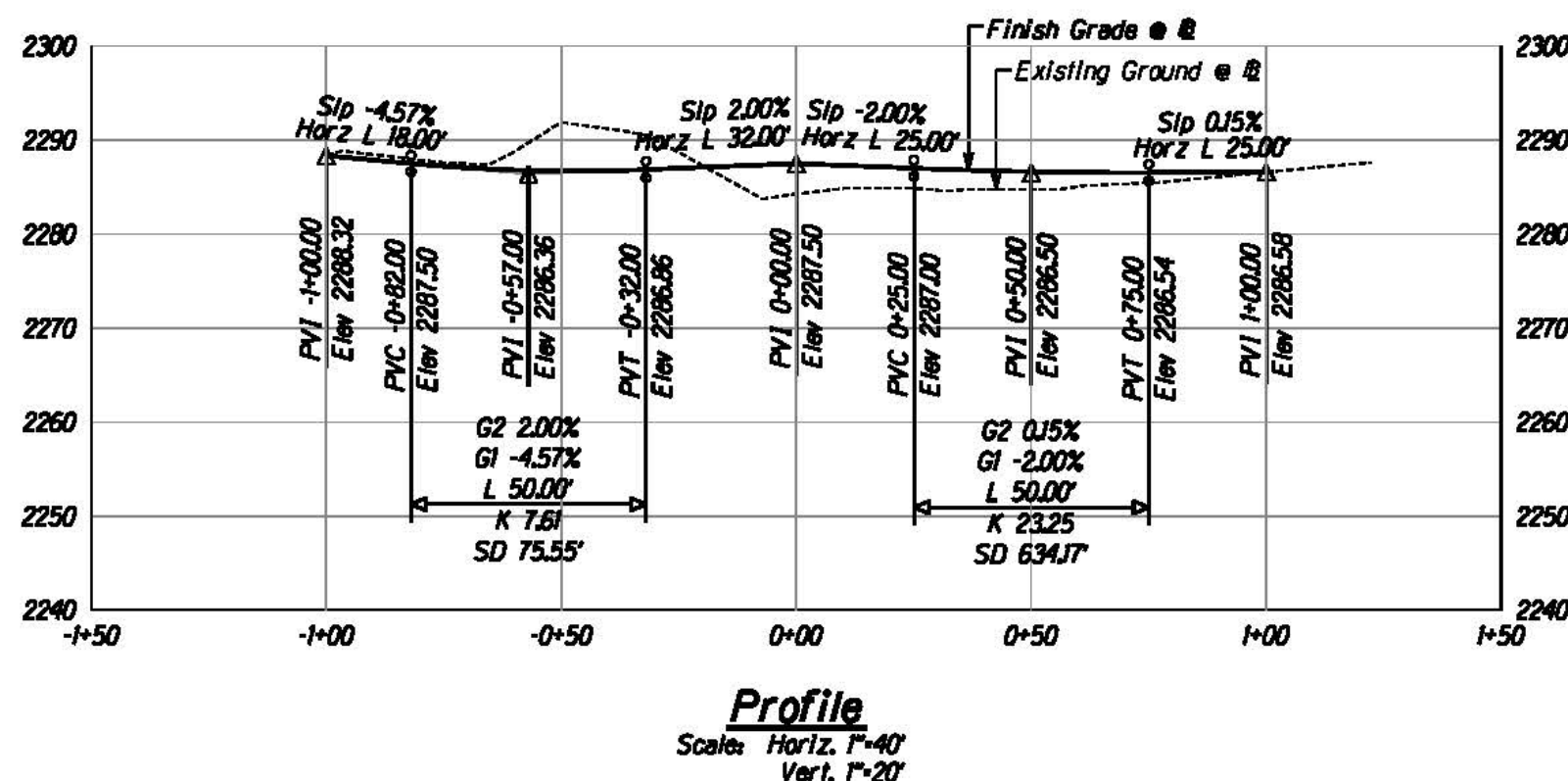
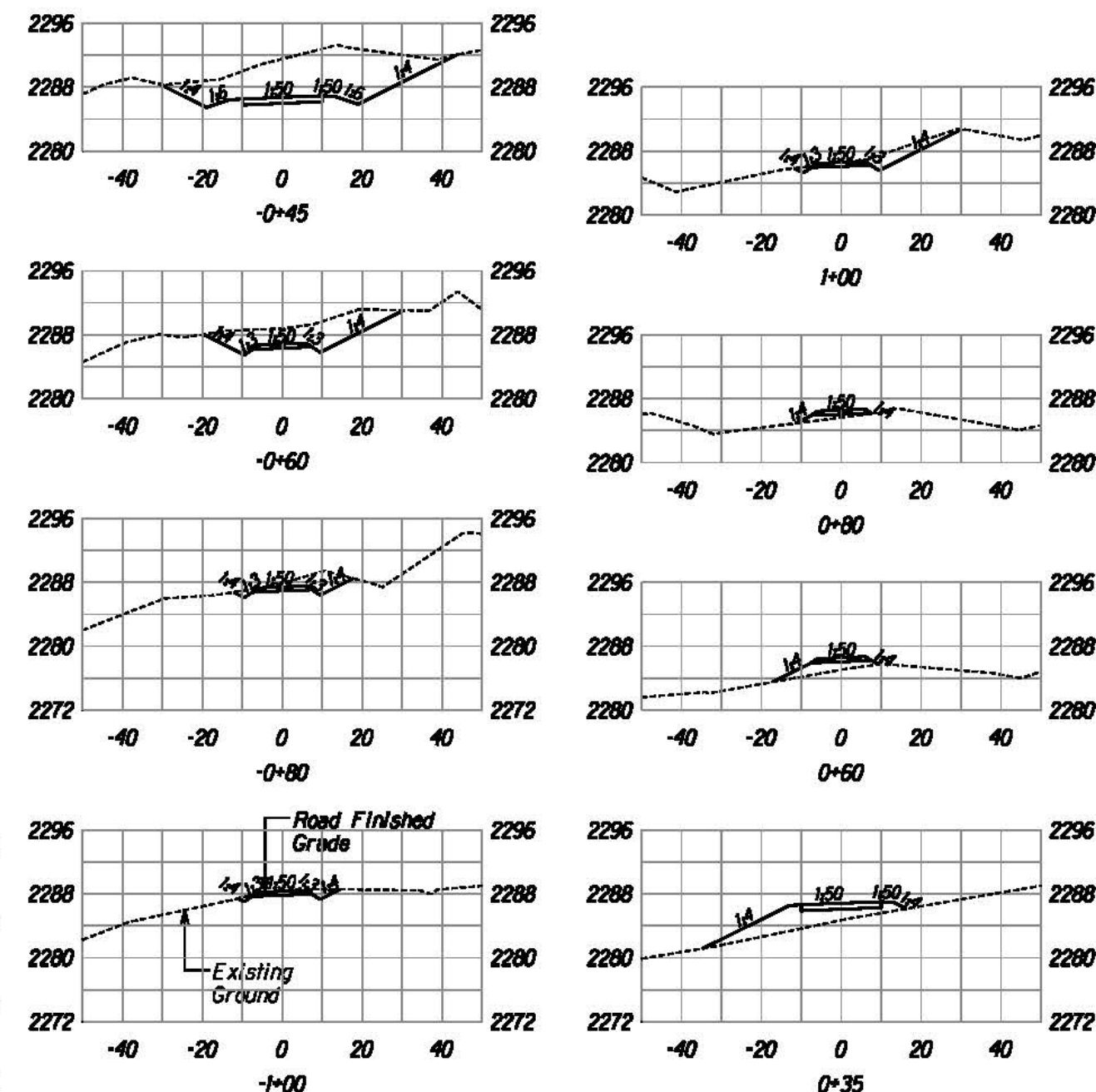
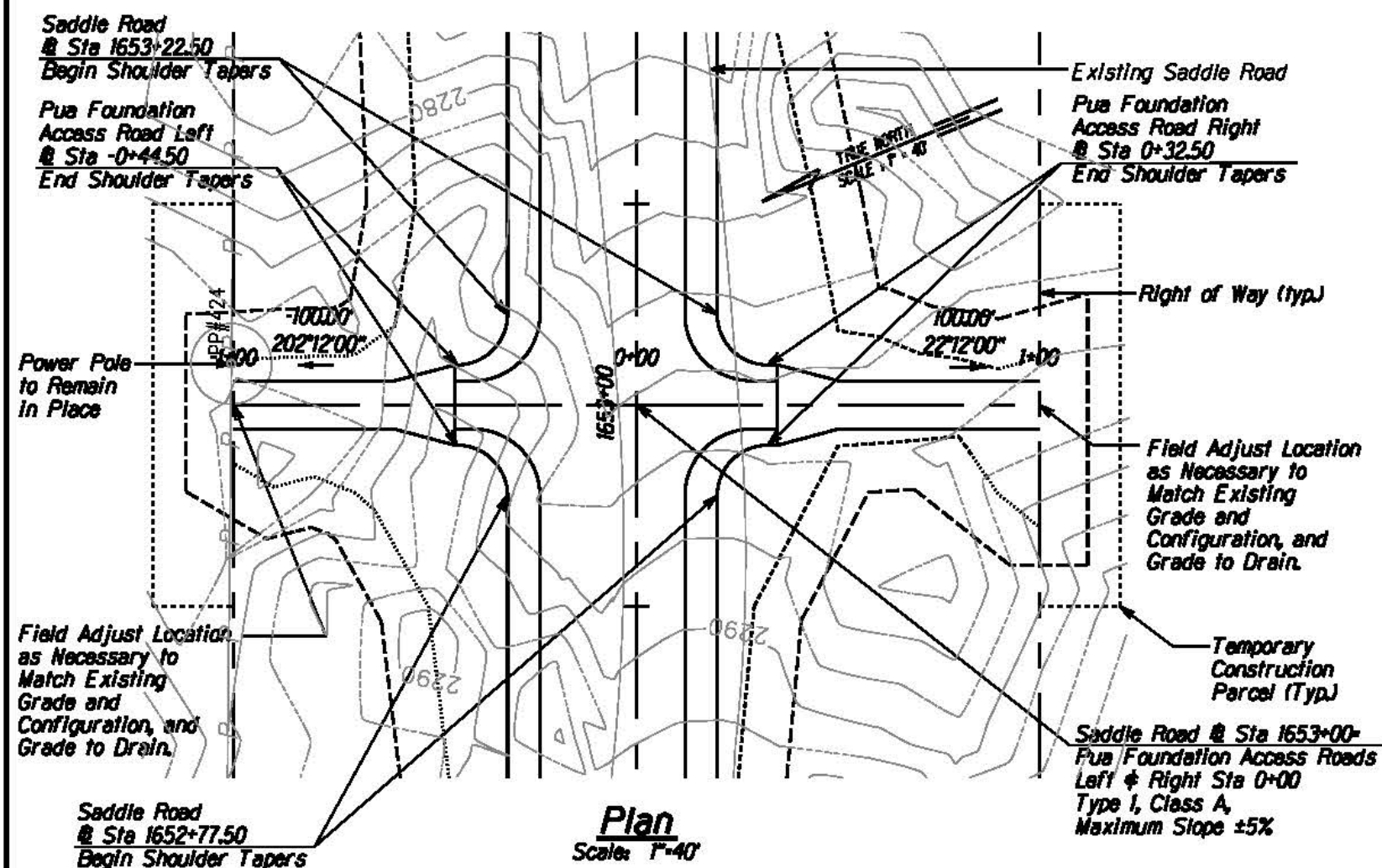
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E6	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'

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	HAWAII CONFERENCE FOUNDATION ACCESS ROAD LEFT @ STA 1613+00	
	Scale: As Noted	Date: August 21, 2015
	SHEET No. 1 OF 1	

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E7	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



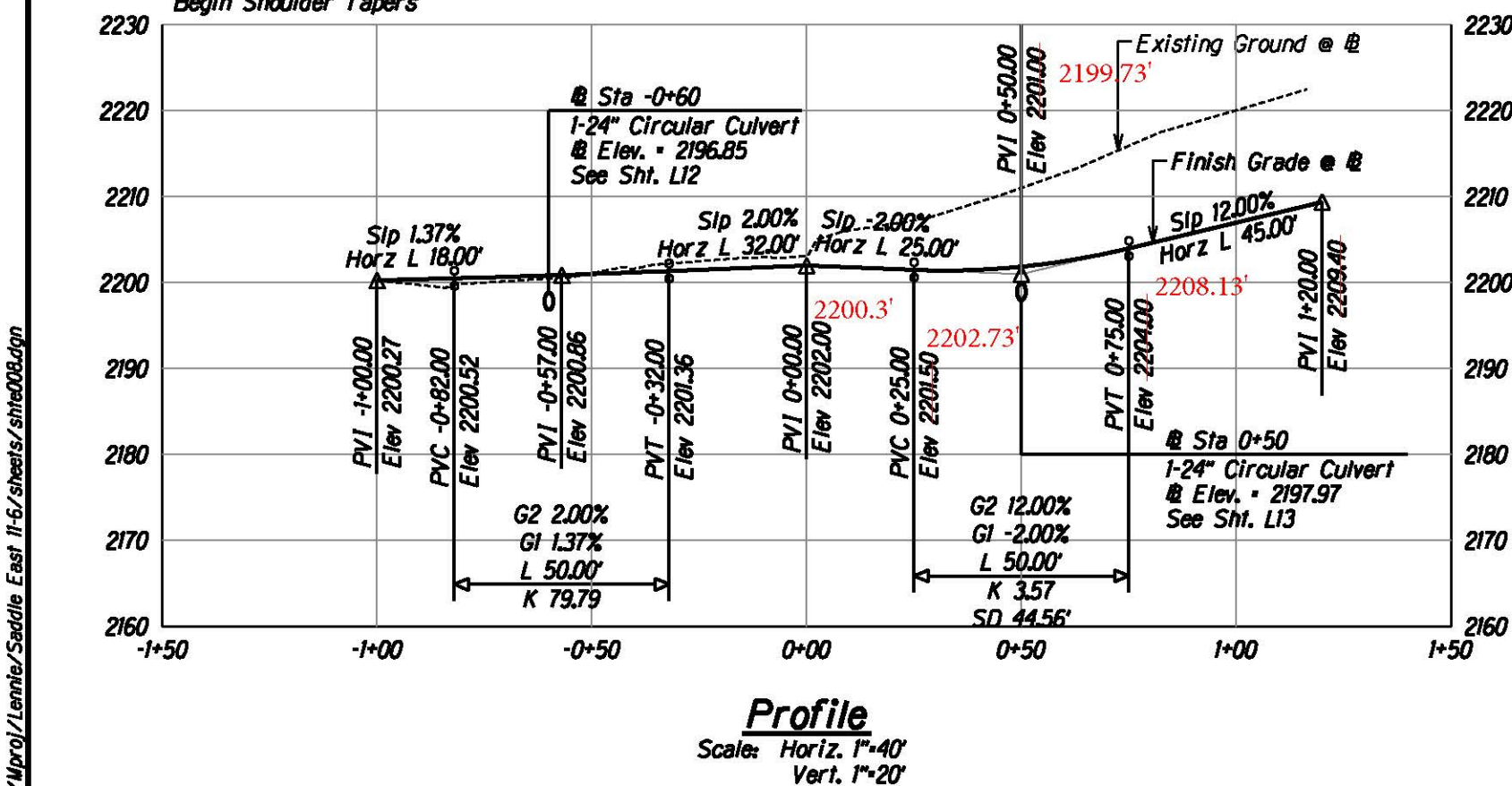
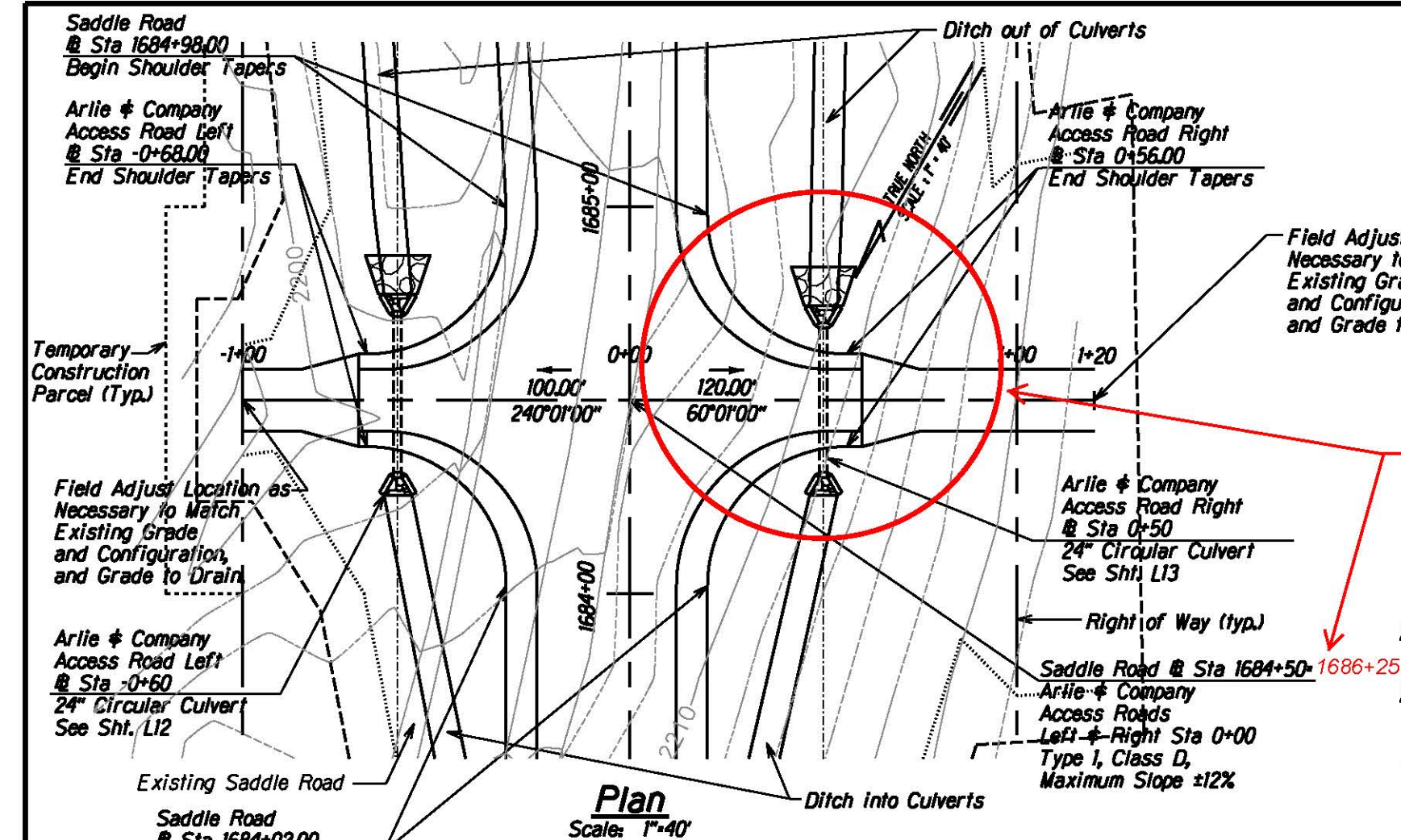
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**PUA FOUNDATION
ACCESS ROADS LEFT & RIGHT
@ STA 1653+00**

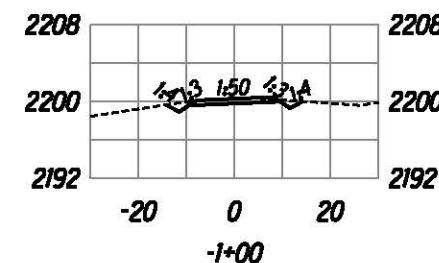
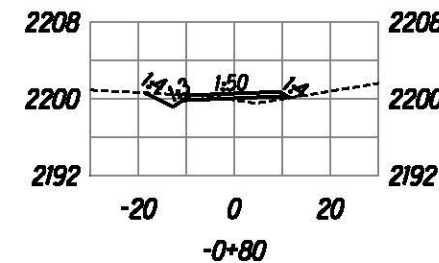
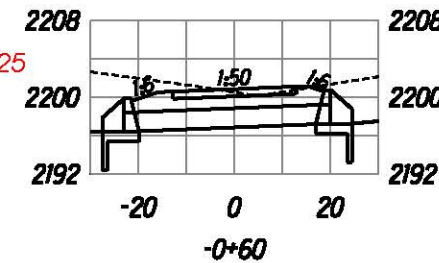
Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

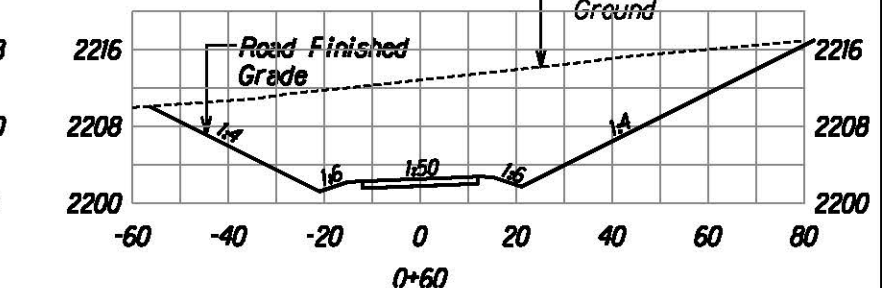
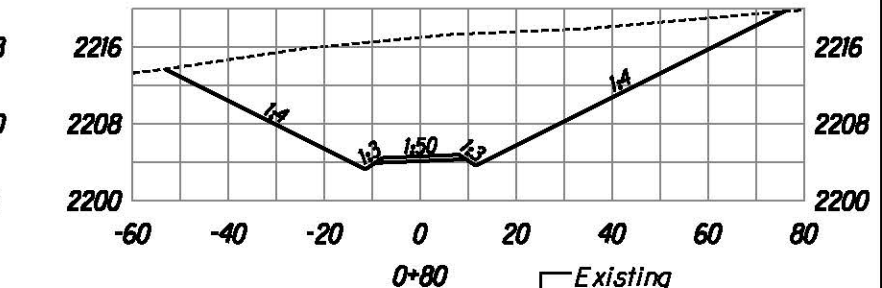
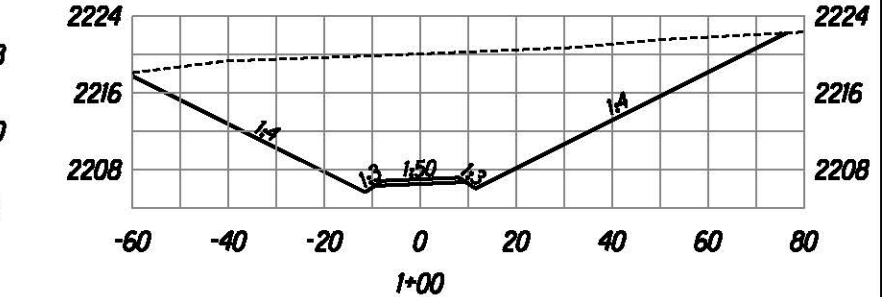
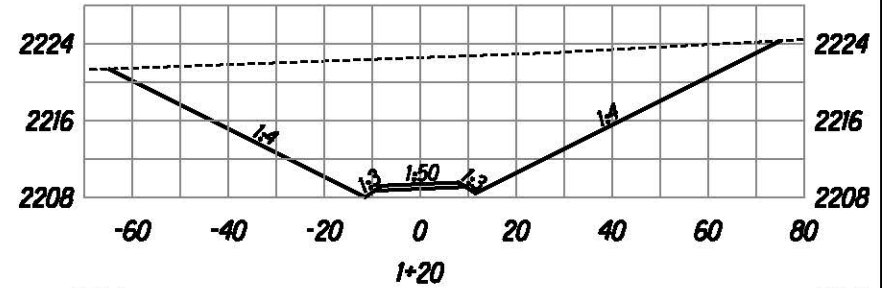
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E8	E27



Arlie & Company Access Road Rt. shifted to Sta. 1686+25. See revised elevations below



Cross Sections Scale: Horiz. 1"=40' Vert. 1"=20'



BRUCE E. MEYERS
Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

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Bruce Meyers
Expiration Date of License 2018.

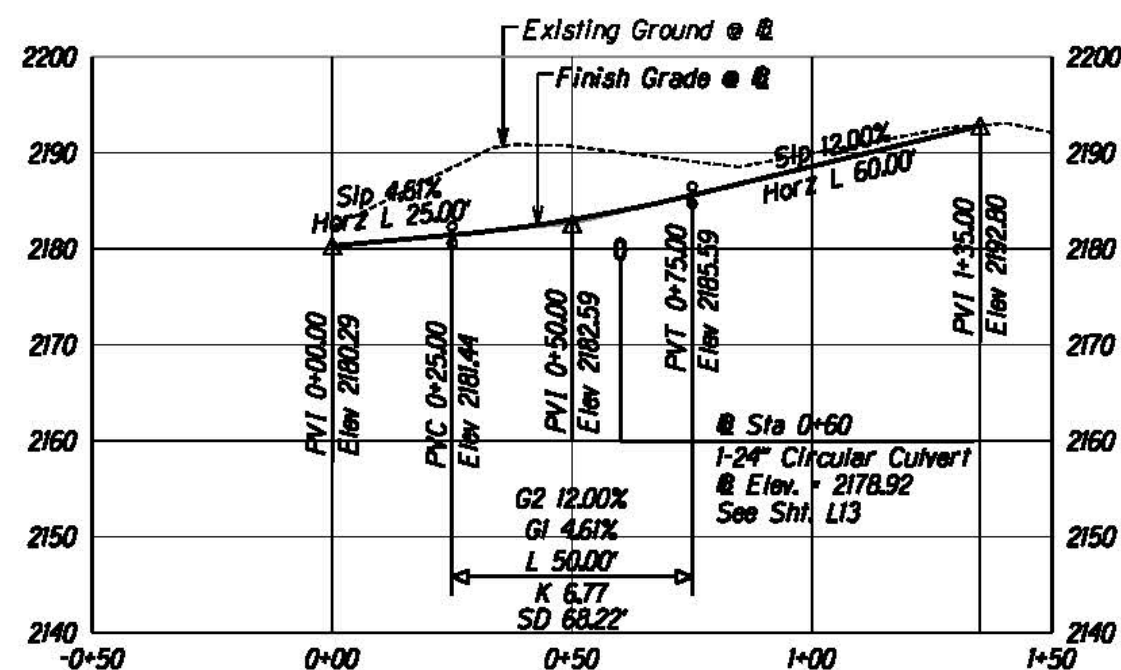
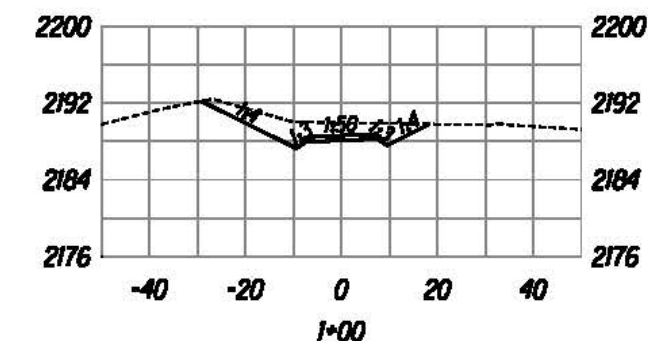
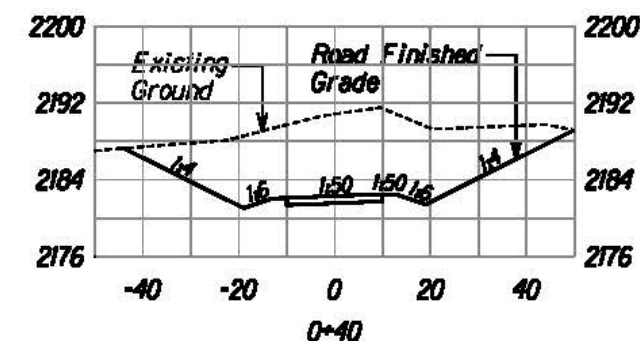
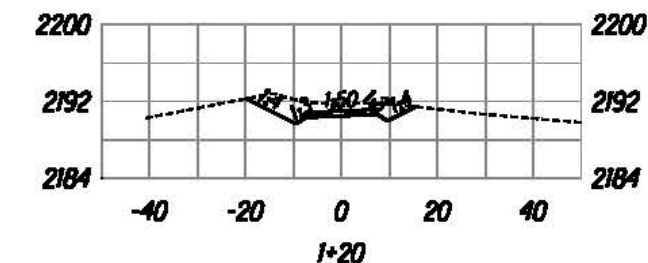
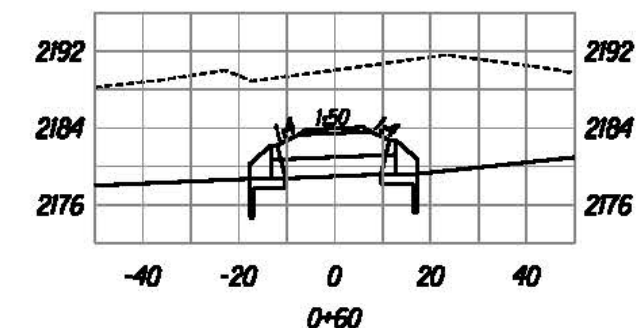
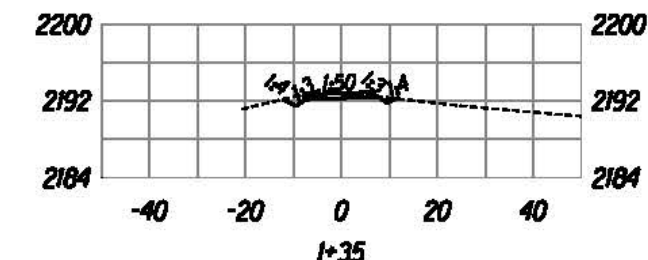
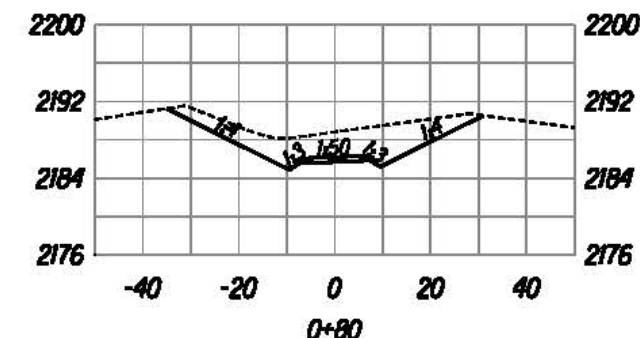
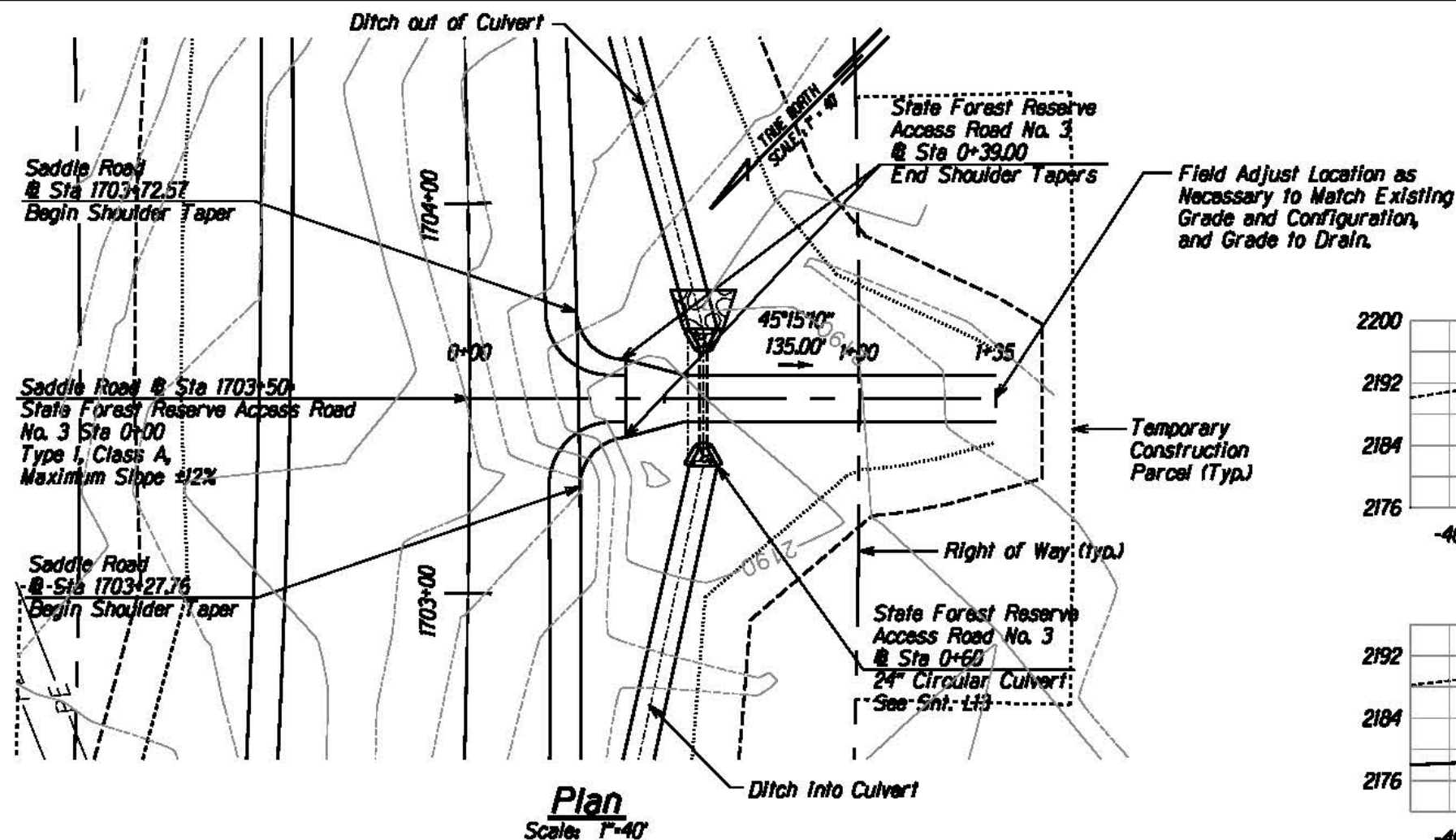
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

ARLIE & COMPANY
ACCESS ROADS LEFT & RIGHT
@ STA 1684+50 & 1686+25

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E9	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



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David S. M.

Expiration Date of License 2018.

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

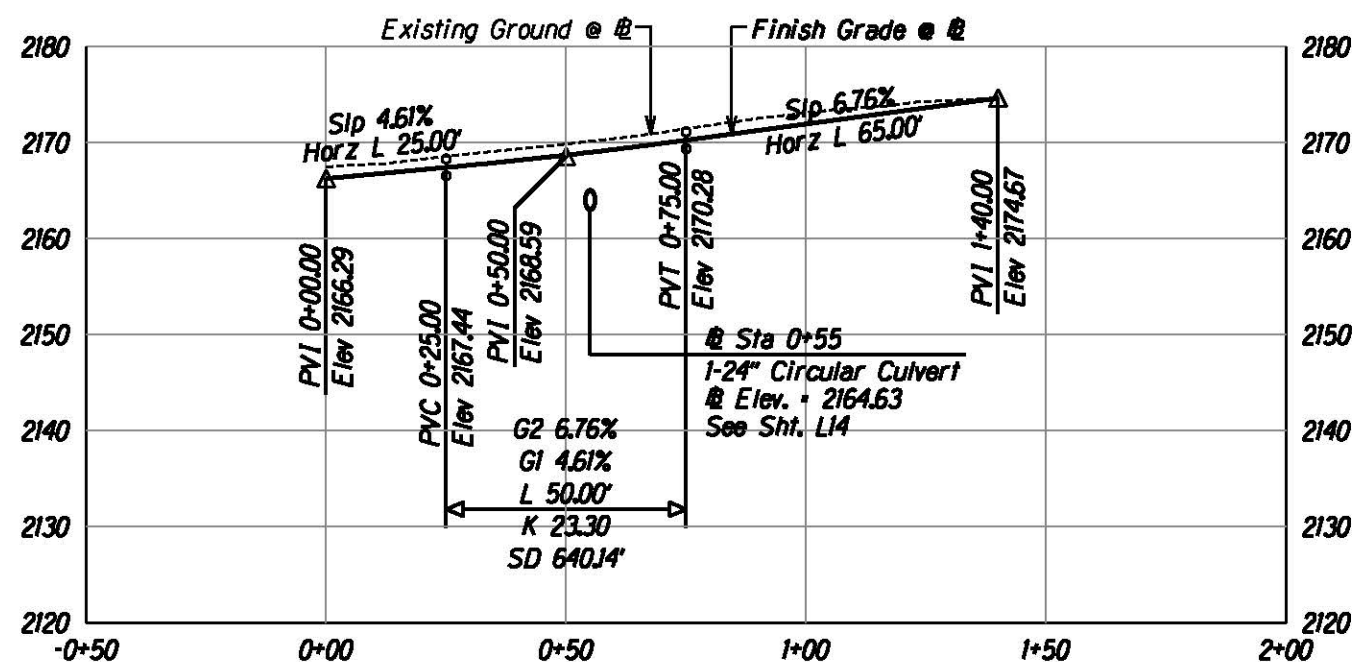
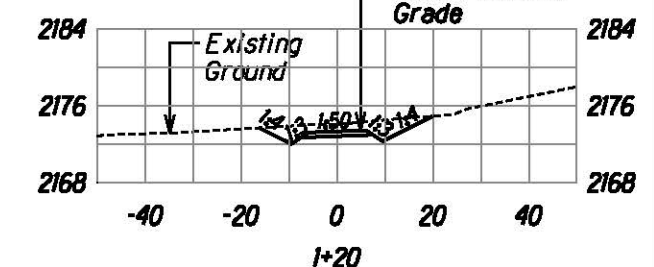
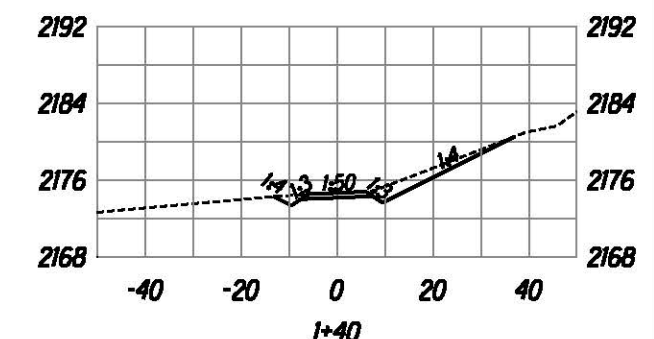
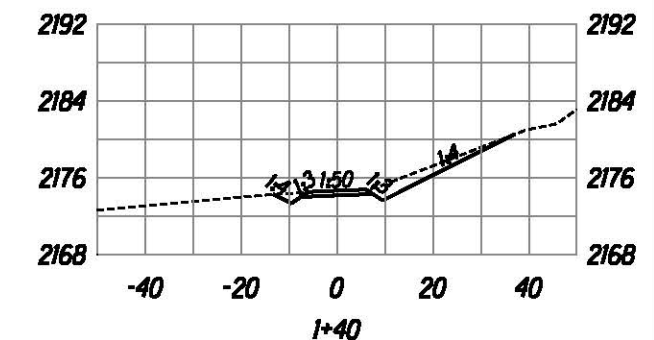
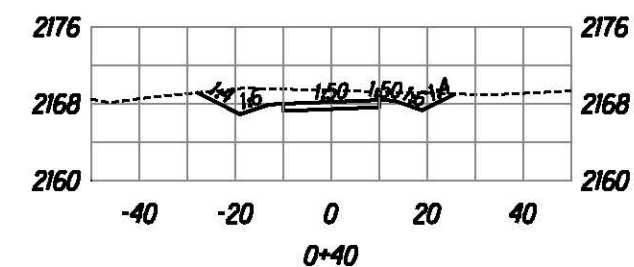
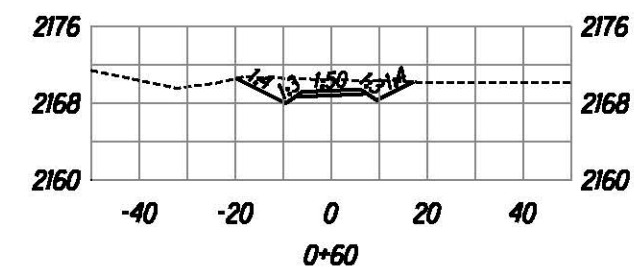
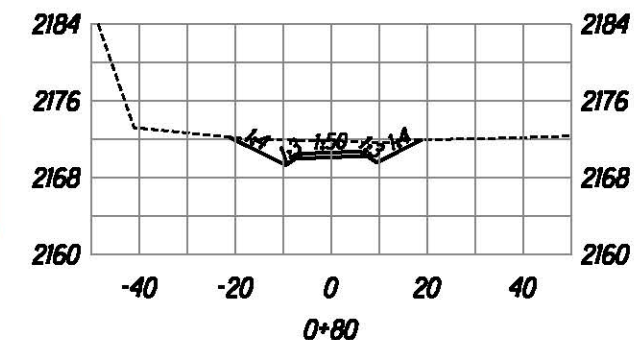
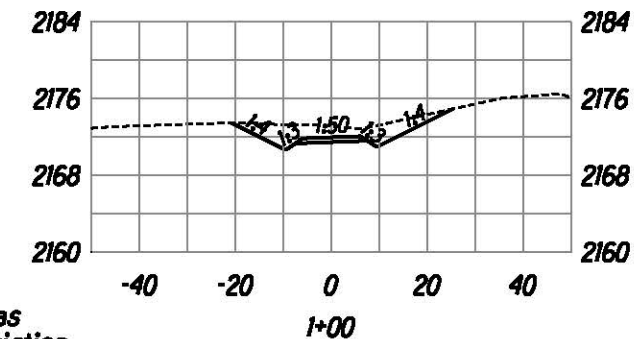
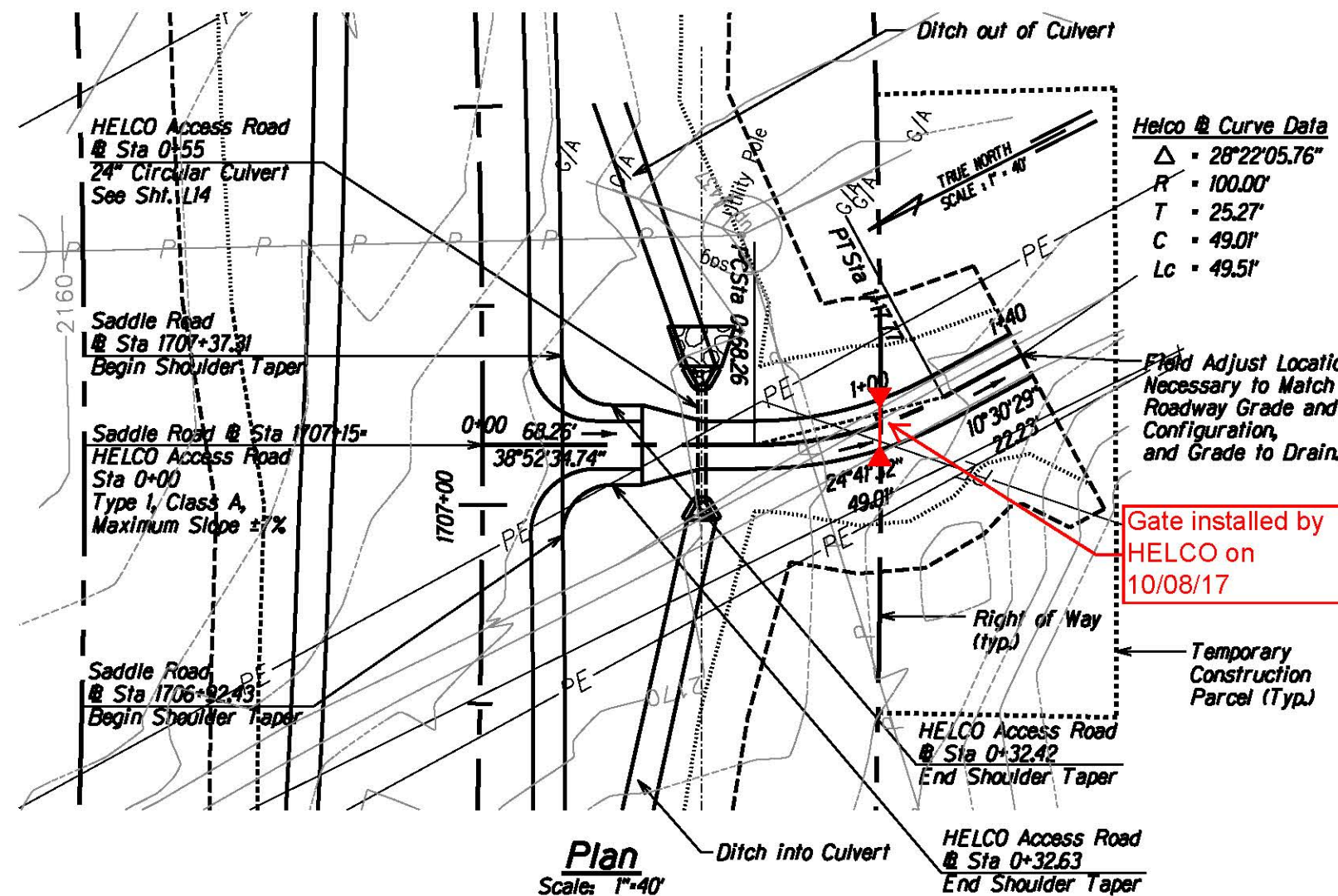
**STATE FOREST RESERVE
ACCESS ROAD NO. 3
@ STA 1703+50**

Scale: As Noted

Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E10	E27



Profile
Scale: Horiz. 1"=40'
Vert. 1"=20'

Cross Sections

Scale: Horiz. 1"=40'
Vert. 1"=20'



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construction of this project will
be under my observation.

David Rayson

Expiration Date of License 4/15

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

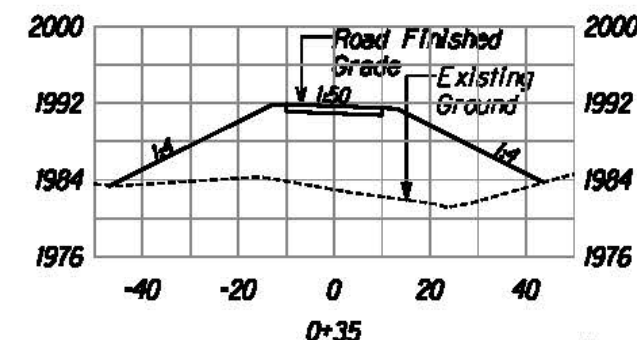
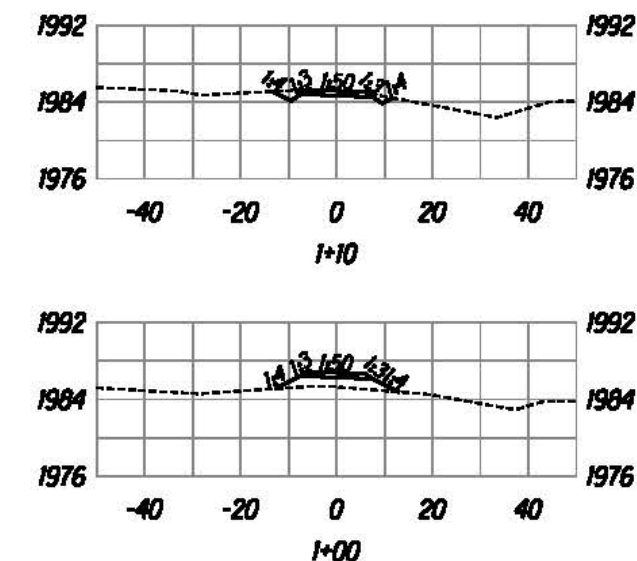
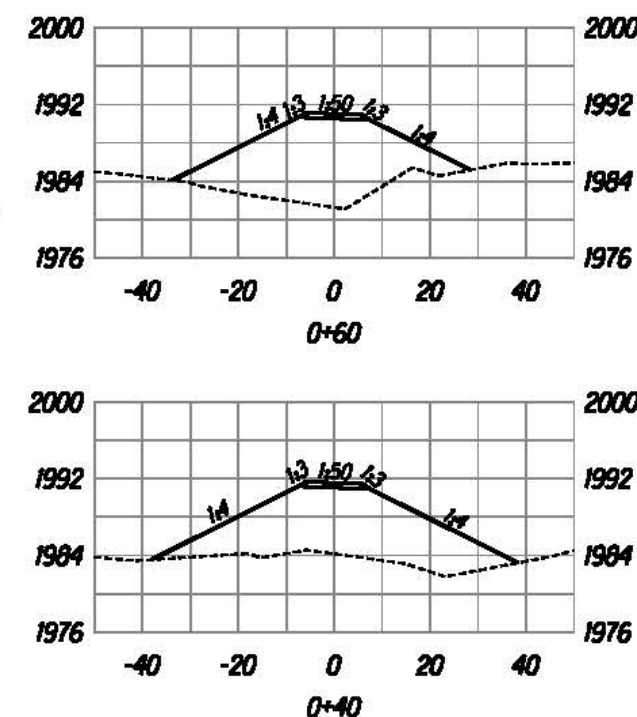
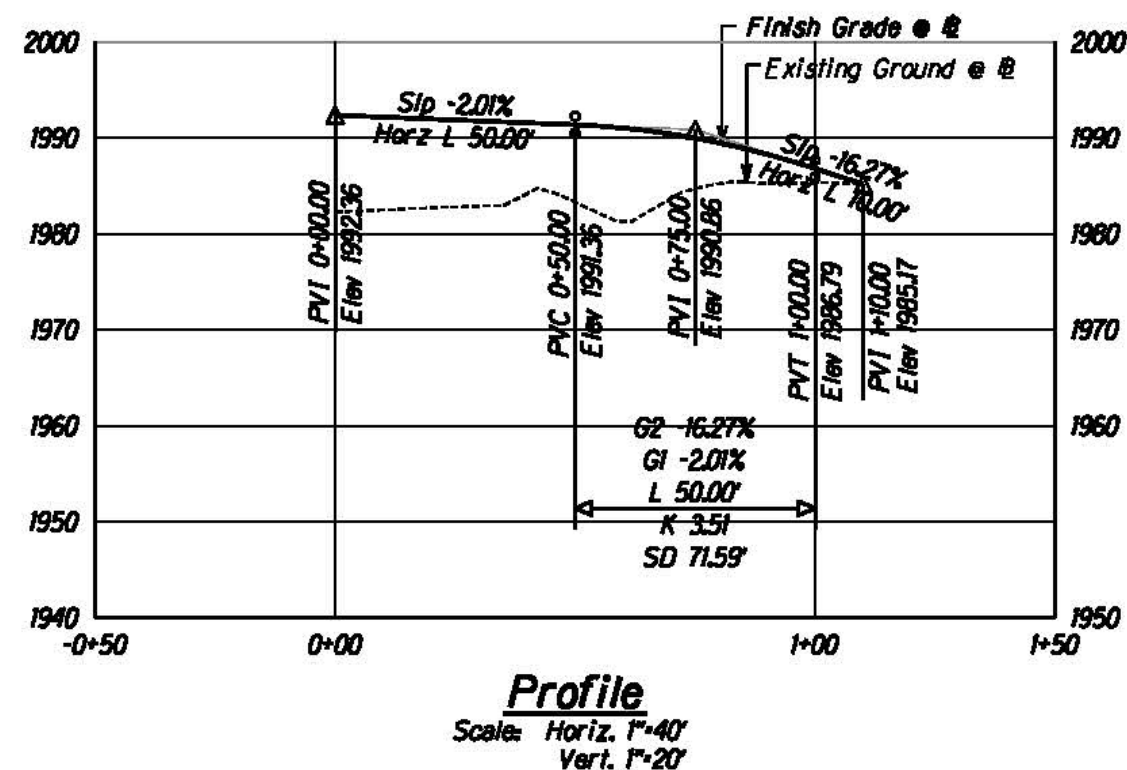
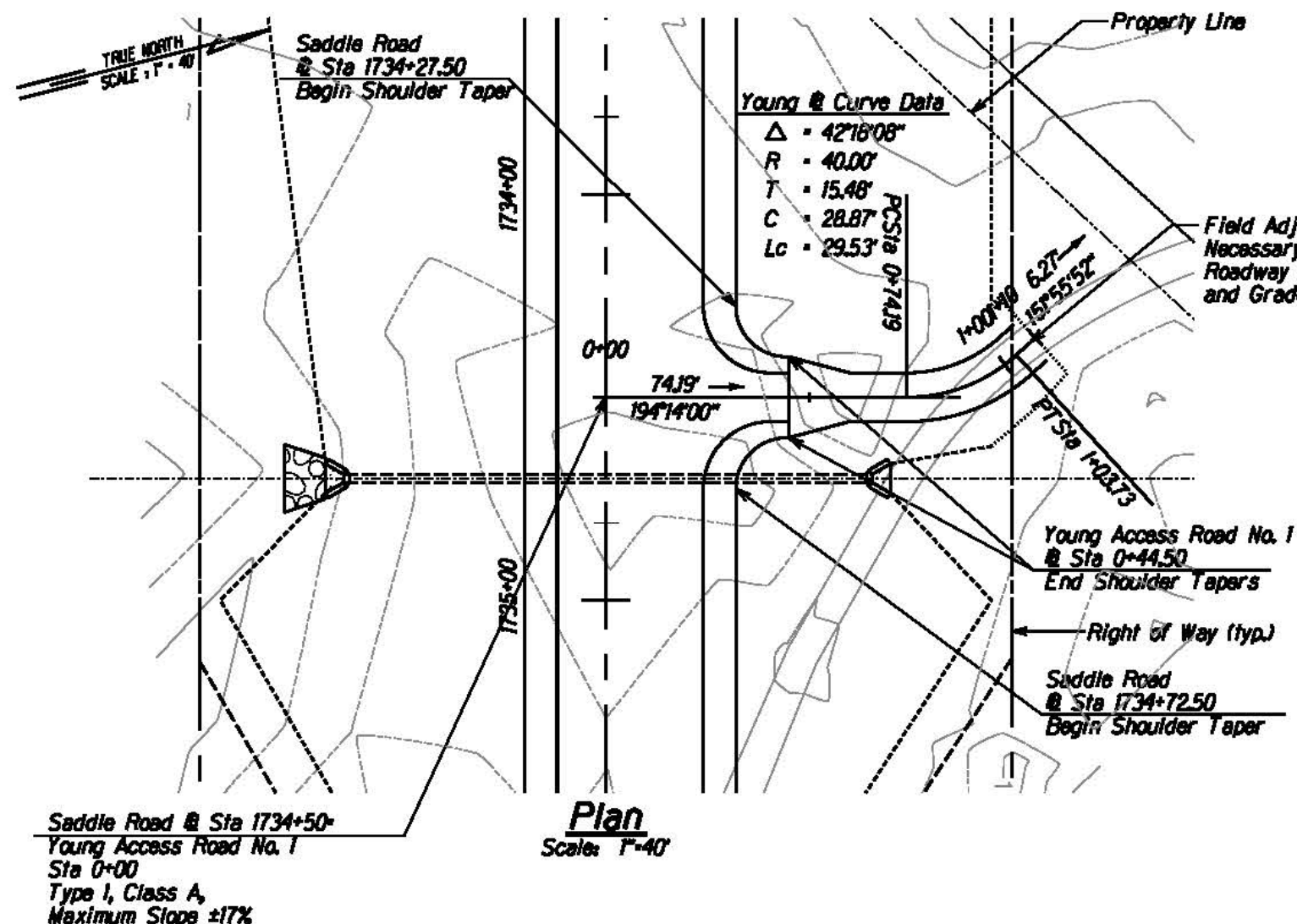
HELCO
ACCESS ROAD
@ STA 1707+15

Scale: As Noted

Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E11	E27



Cross Sections
Scale: Horiz. 1" = 40'
Vert. 1" = 20'

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

**YOUNG
ACCESS ROAD NO. 1
@ STA 1734+50**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

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

**YOUNG
ACCESS ROAD NO. 1
@ STA 1734+50**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

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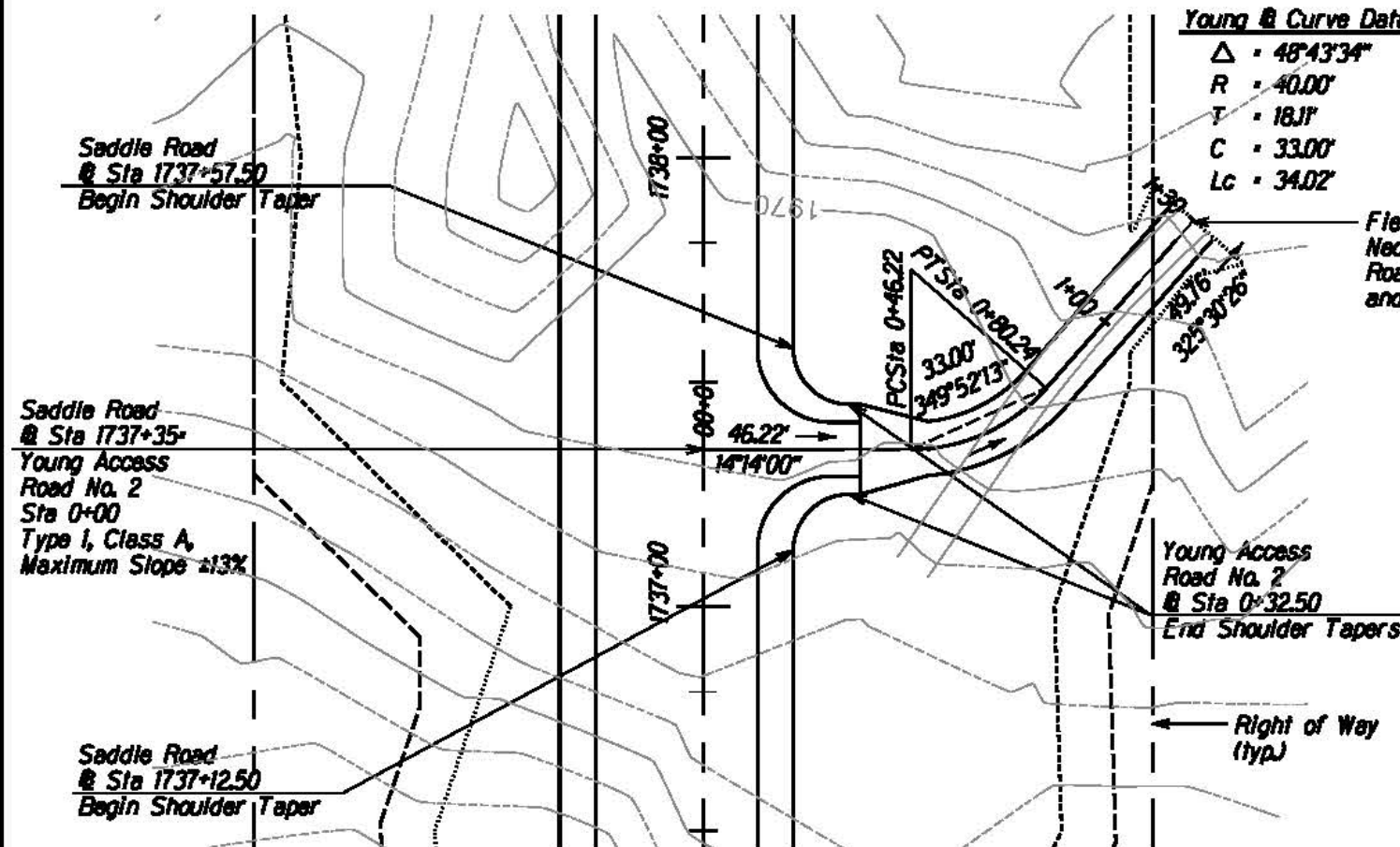
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E12	E27

Young & Curve Data

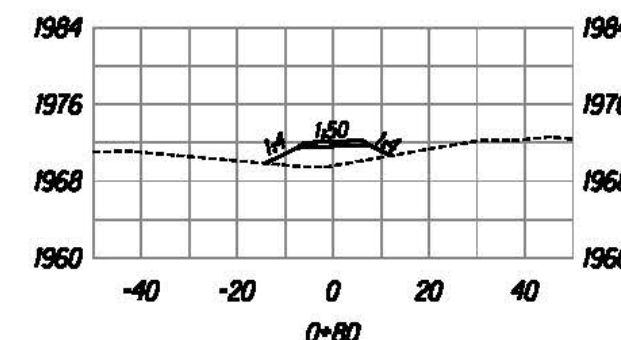
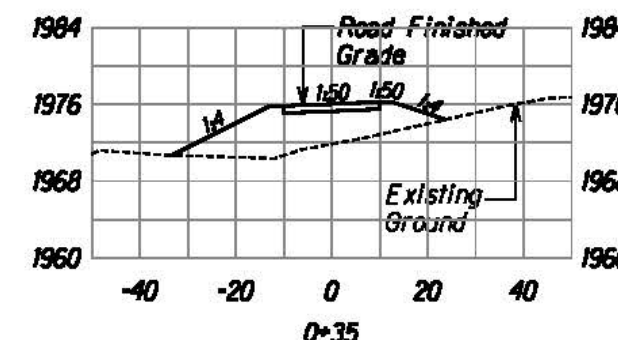
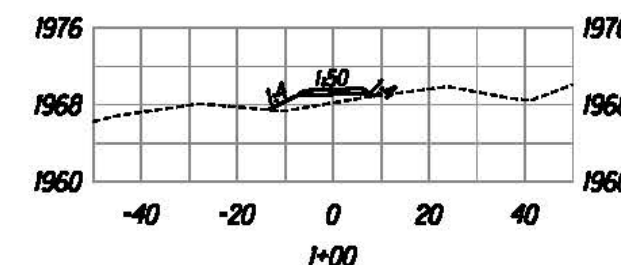
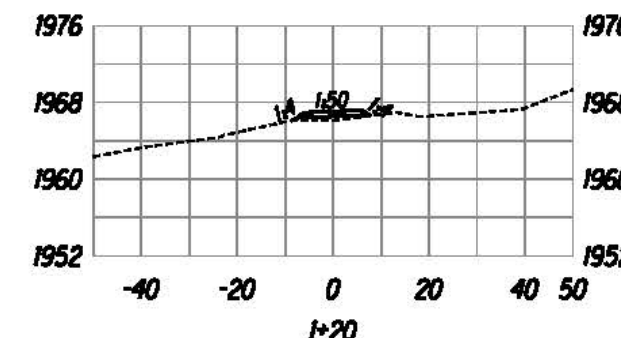
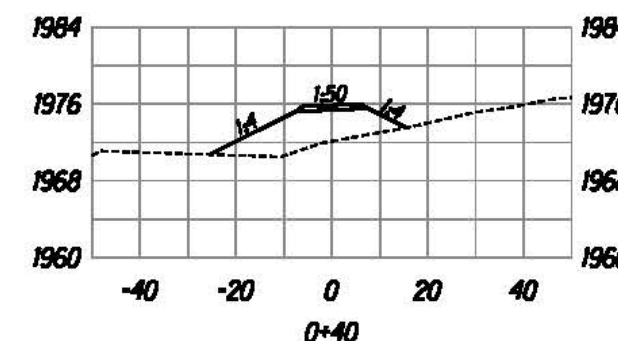
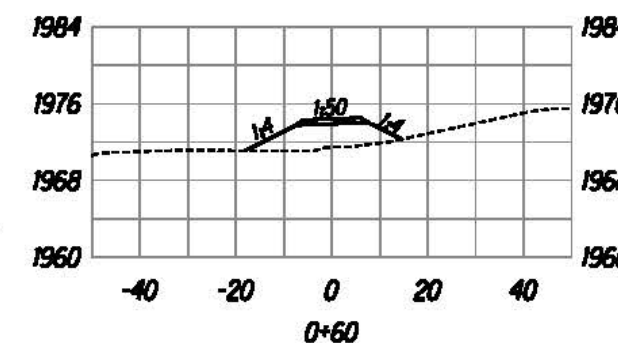
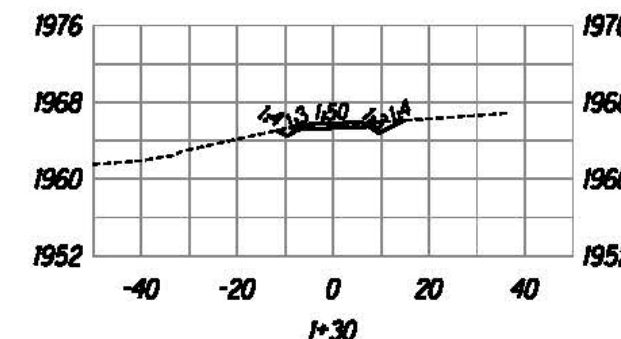
$\Delta = 48^\circ 43' 34''$
 $R = 40.00'$
 $T = 18.11'$
 $C = 33.00'$
 $Lc = 34.02'$

TRUE NORTH
SCALE 1" = 40'

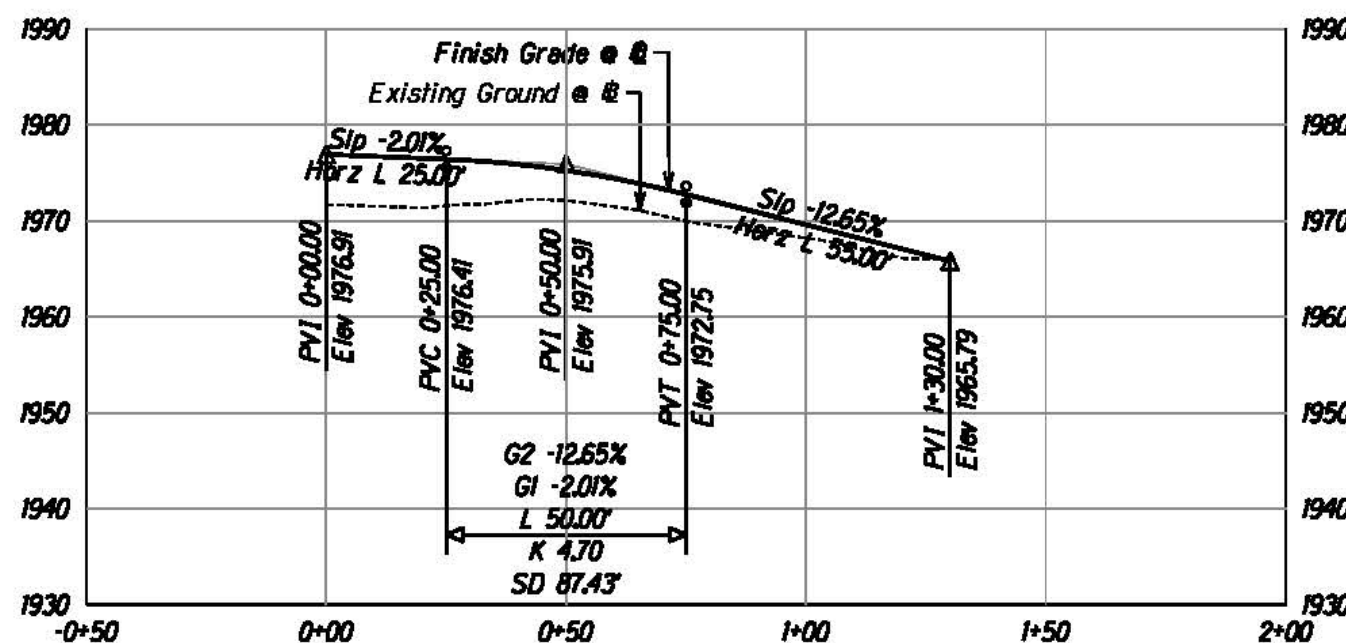
Field Adjust Location as Necessary to Match Existing Roadway Grade and Configuration, and Grade to Drain.



Plan
Scale: 1" = 40'



Cross Sections
Scale: Horiz. 1" = 40'
Vert. 1" = 20'



Profile
Scale: Horiz. 1" = 40'
Vert. 1" = 20'



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Signature: David S. M.
Expiration Date of License: 2015

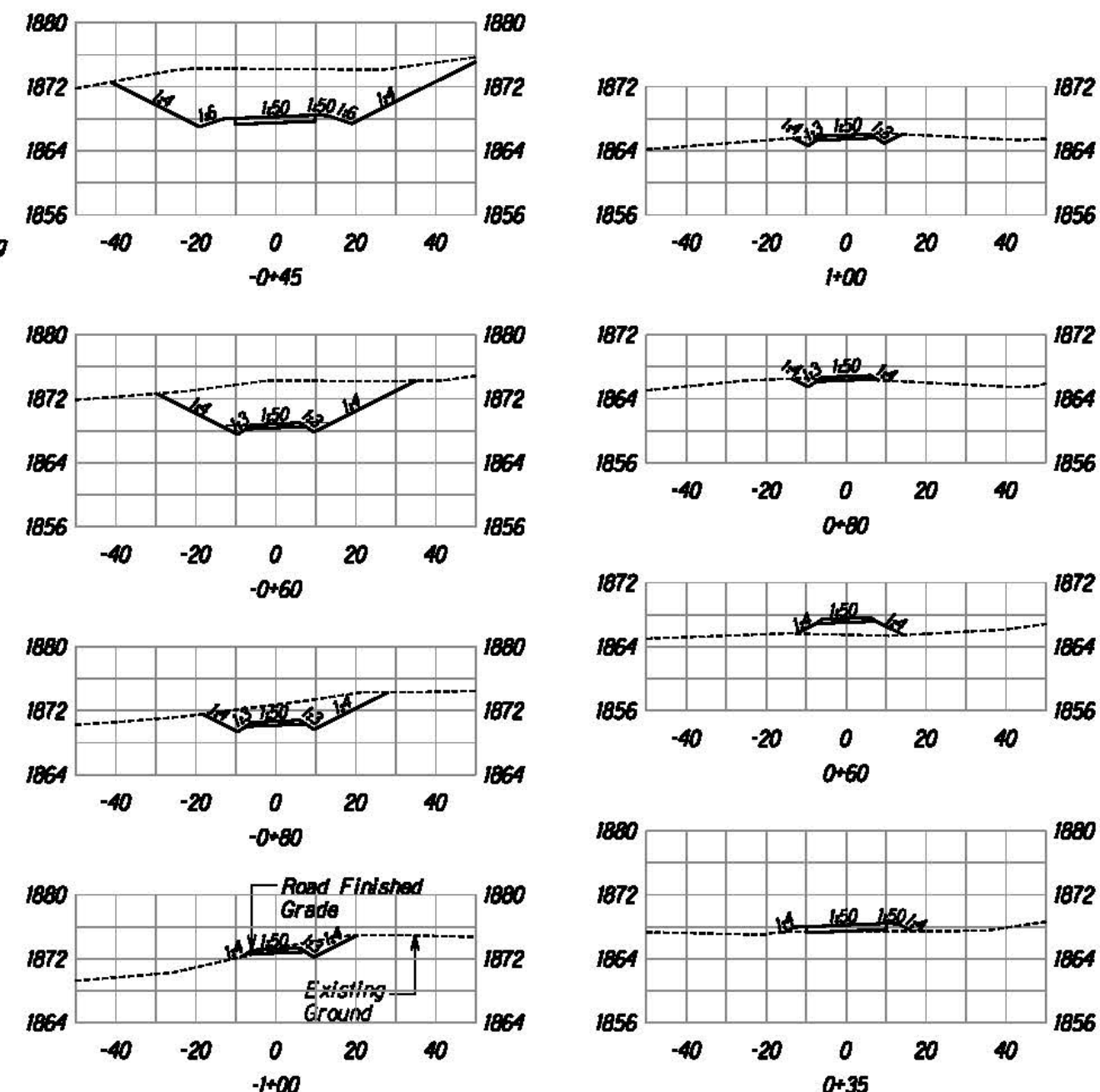
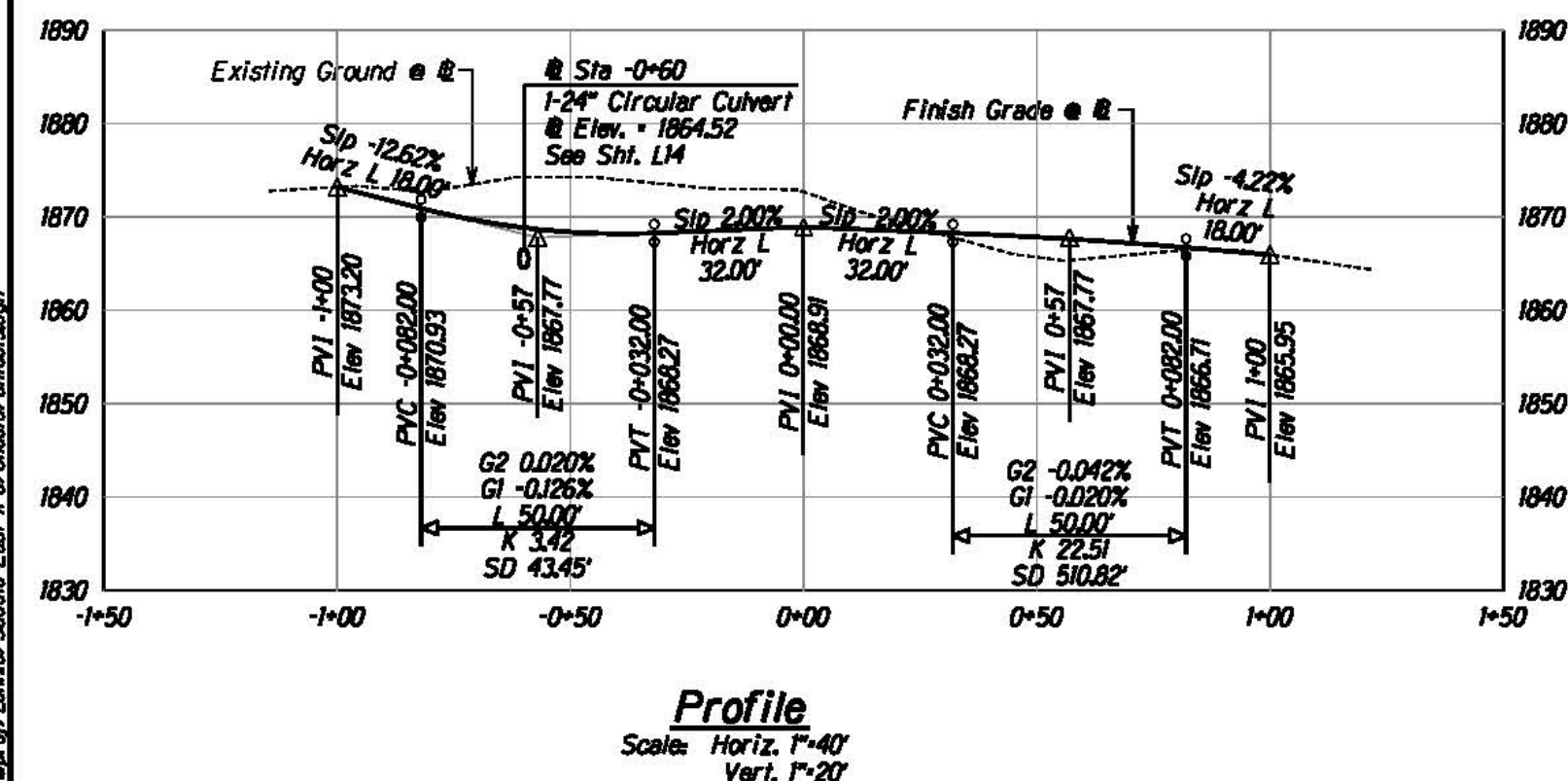
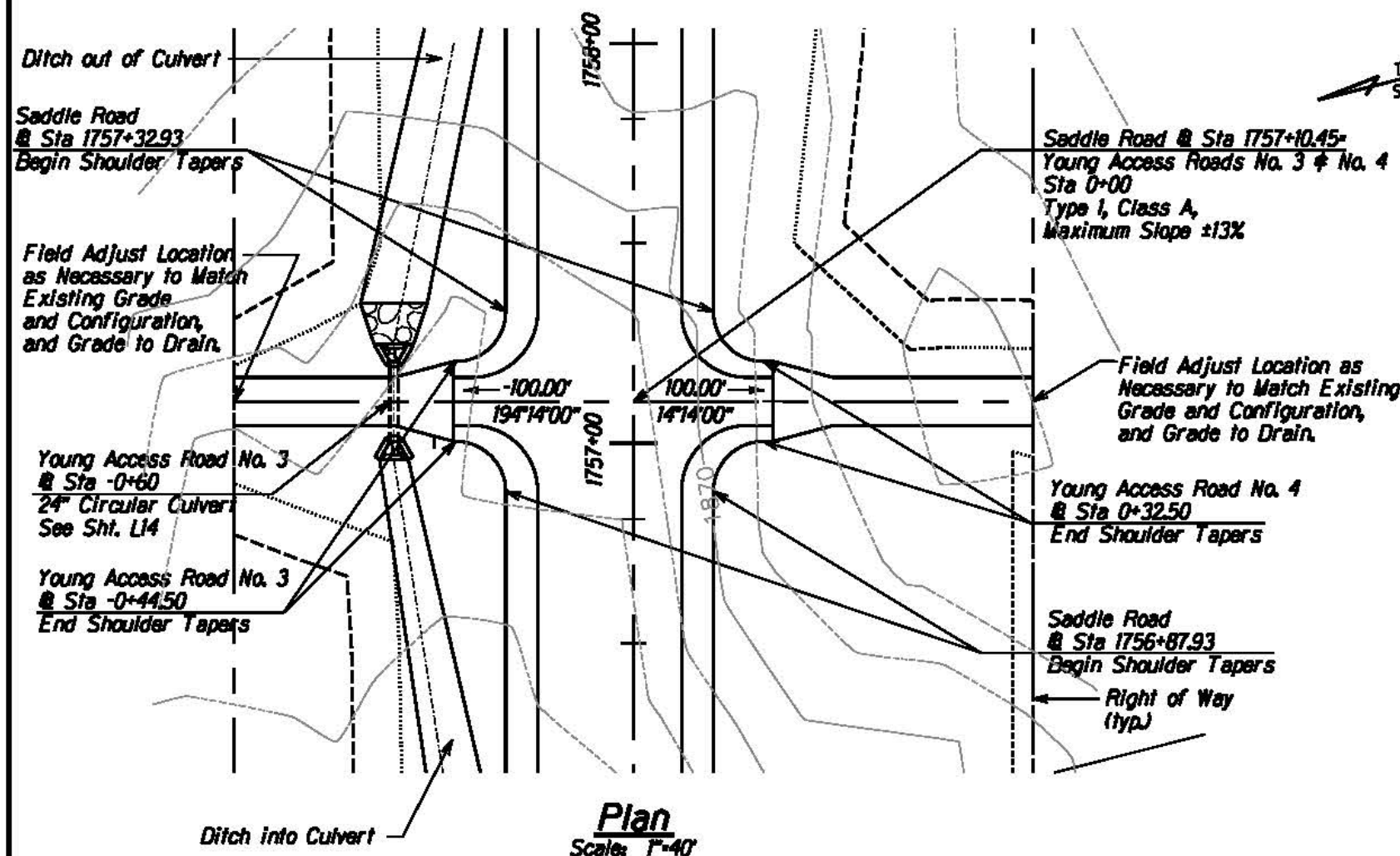
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

YOUNG
ACCESS ROAD NO. 2
@ STA 1737+35

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E13	E27



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[Signature]

Expiration Date of License 2018.

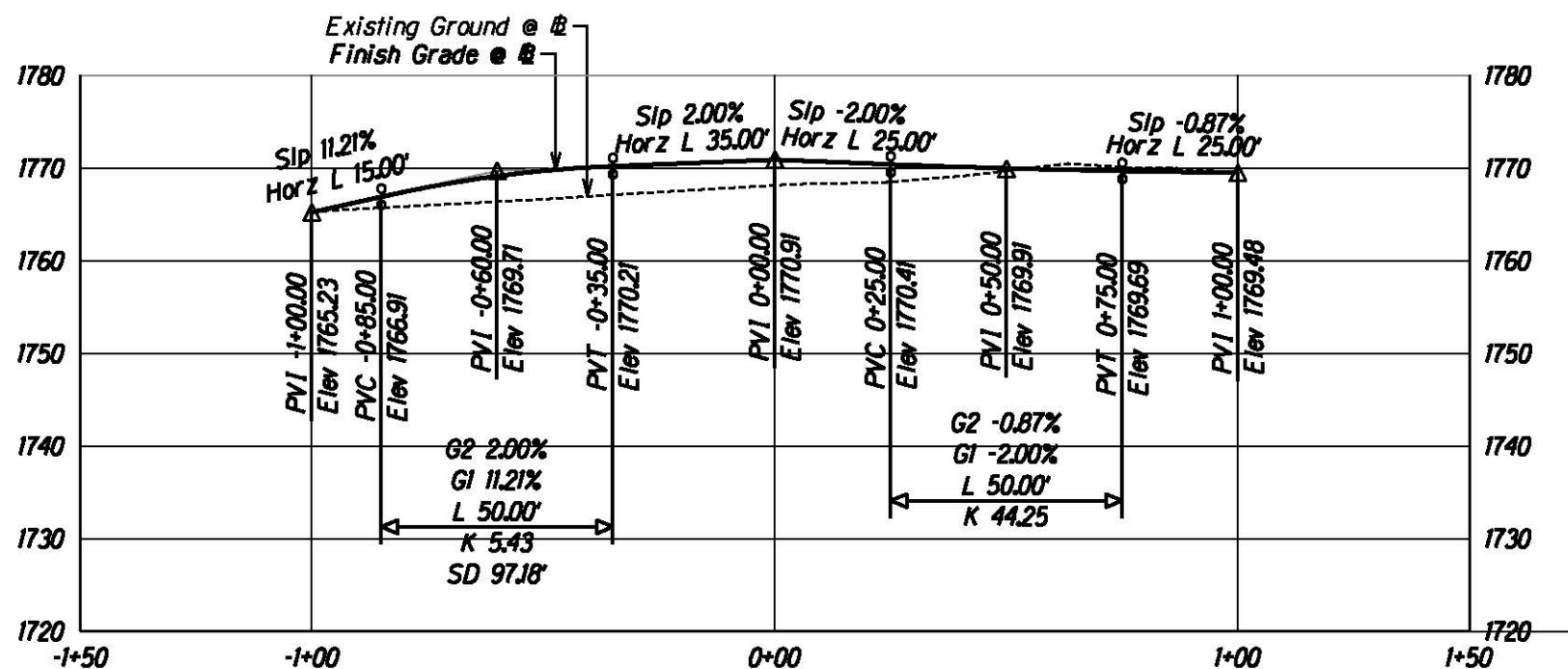
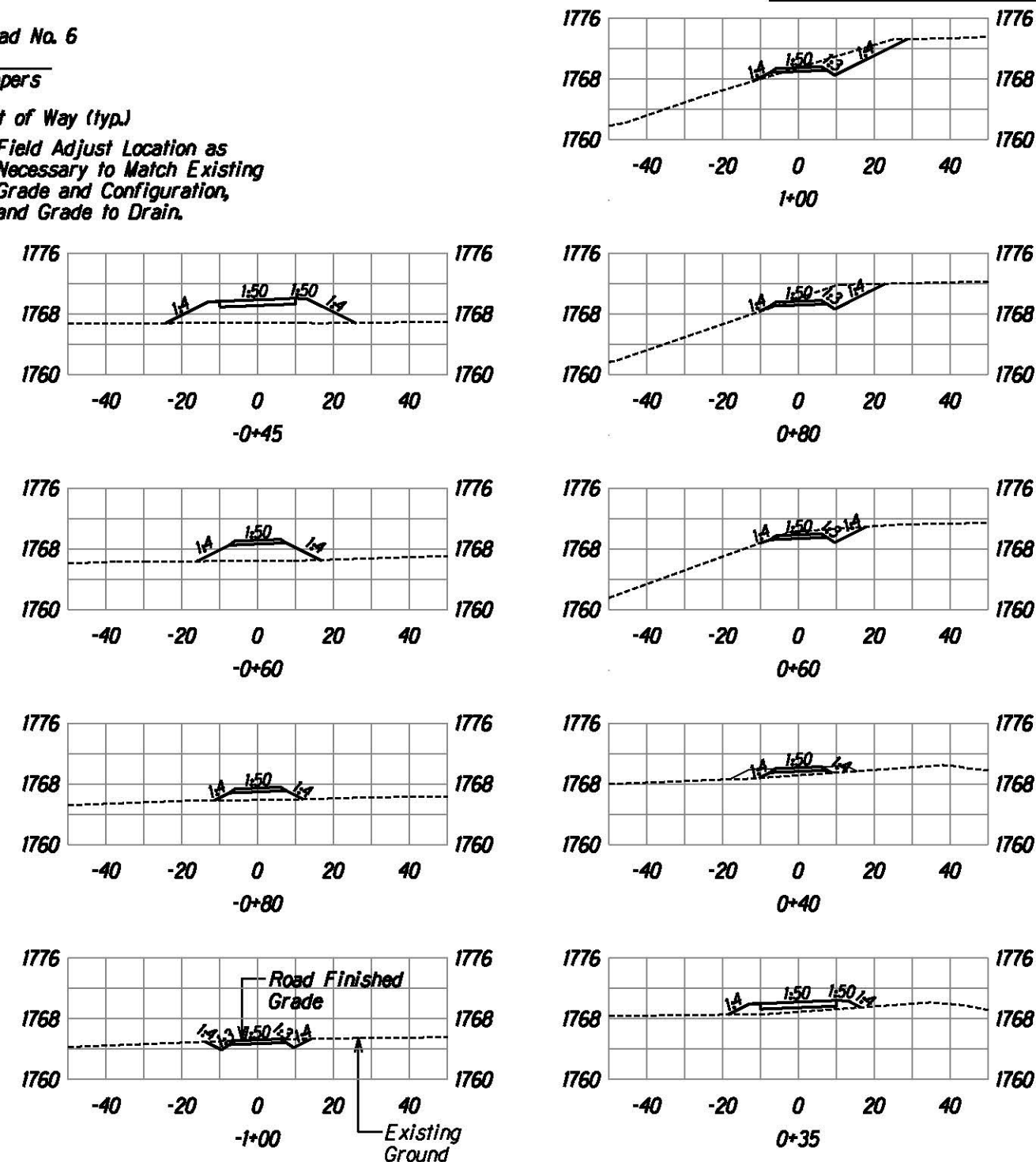
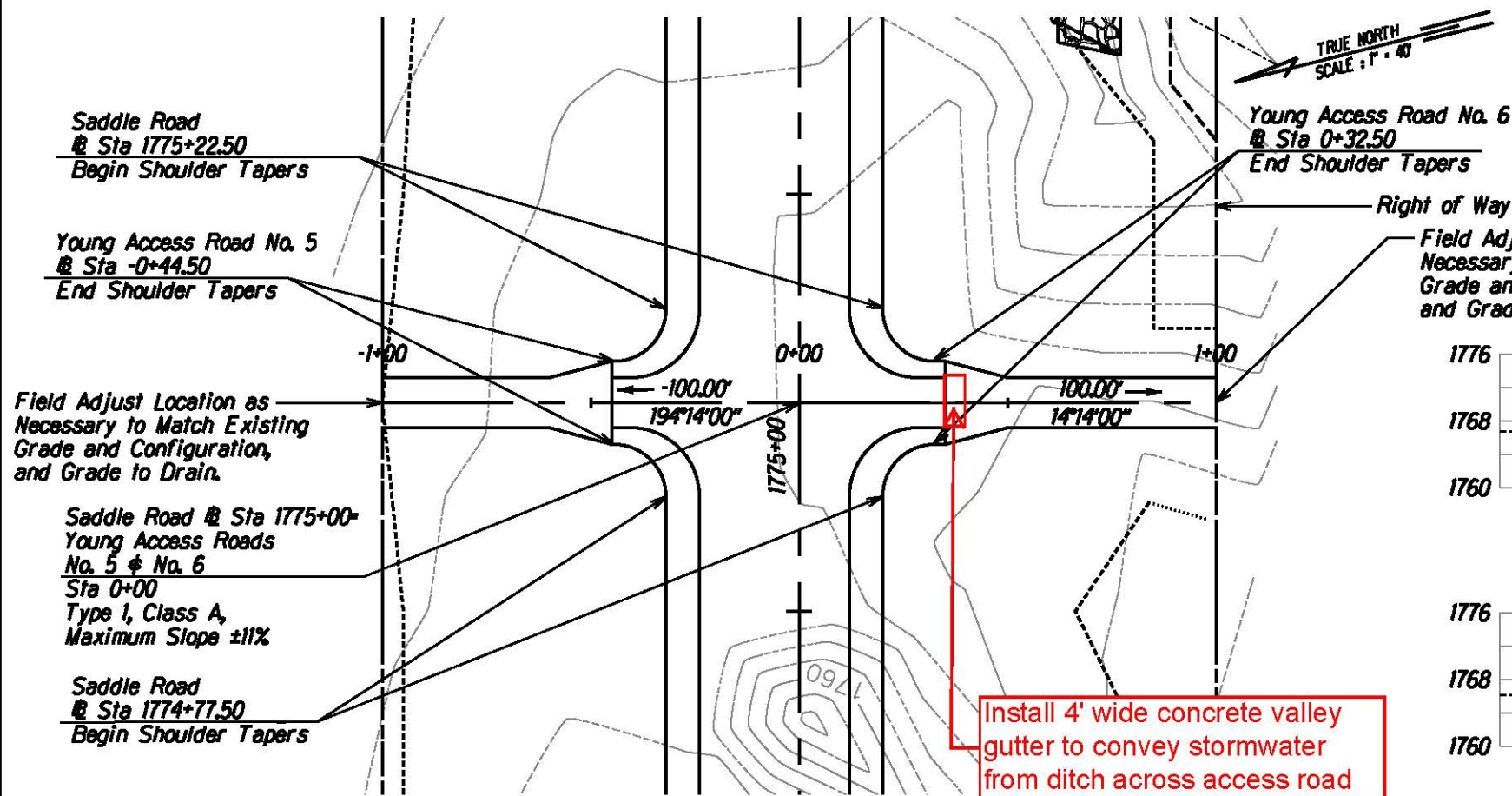
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**YOUNG
ACCESS ROADS NO. 3 & NO. 4
@ STA 1757+10.45**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E14	E27



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Bruce E. Meyers
Expiration Date of License 2018.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

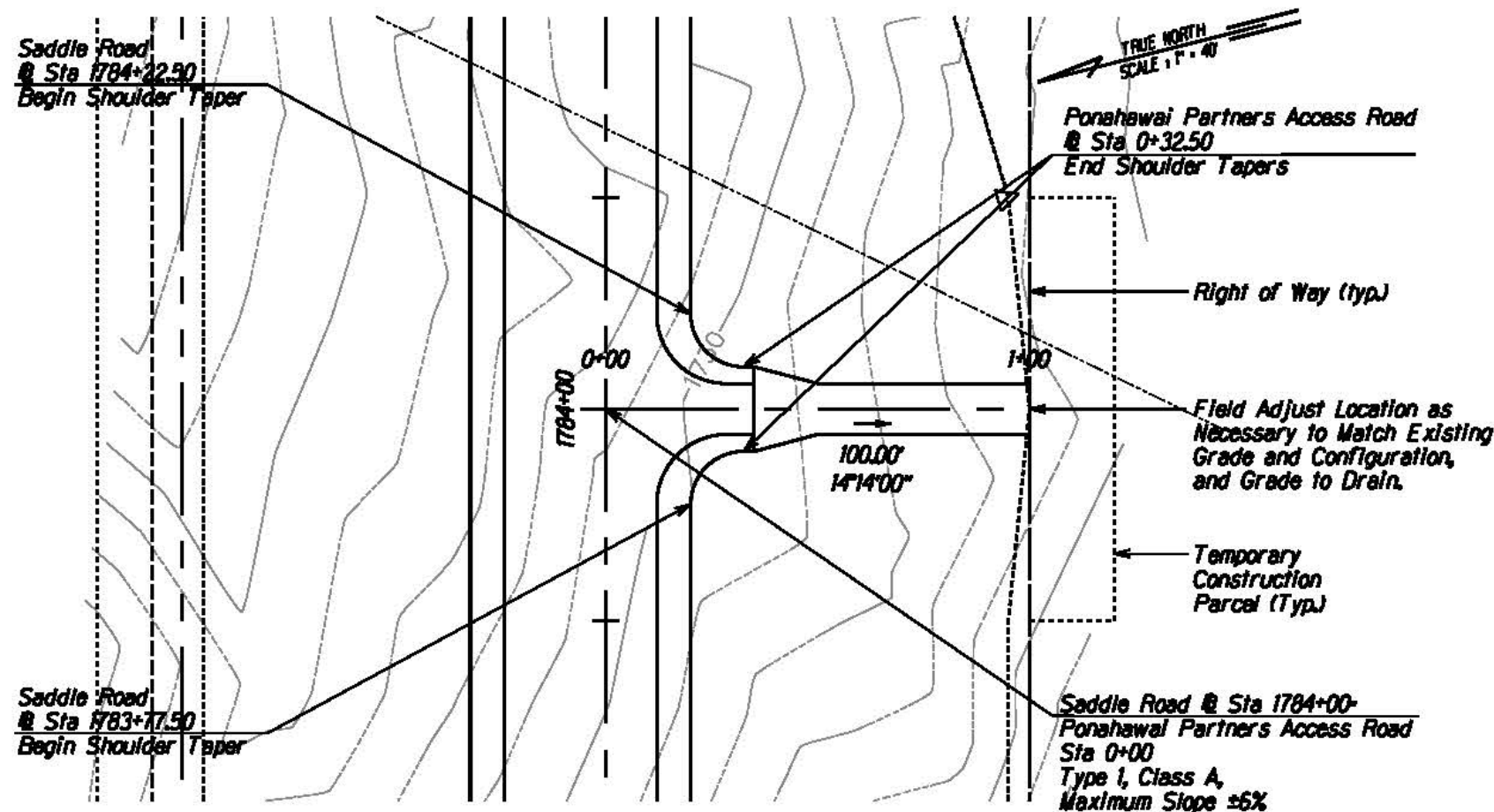
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@ STA 1775+00**

Scale: As Noted Date: August 21, 2015

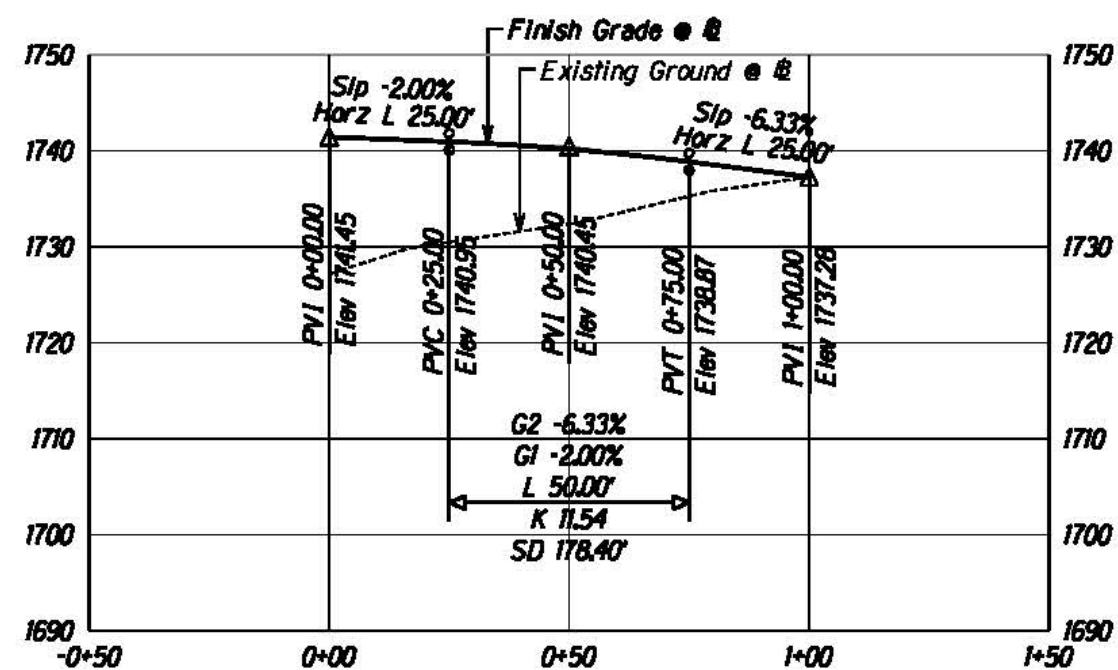
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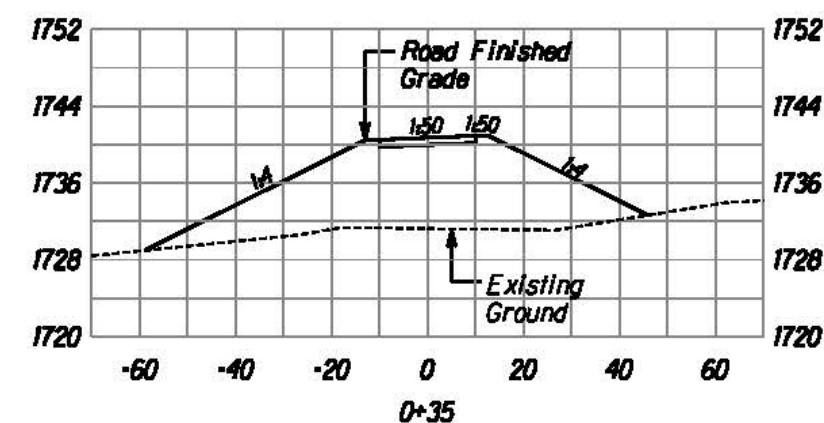
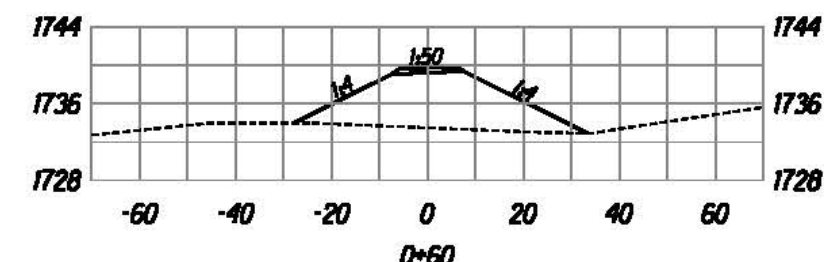
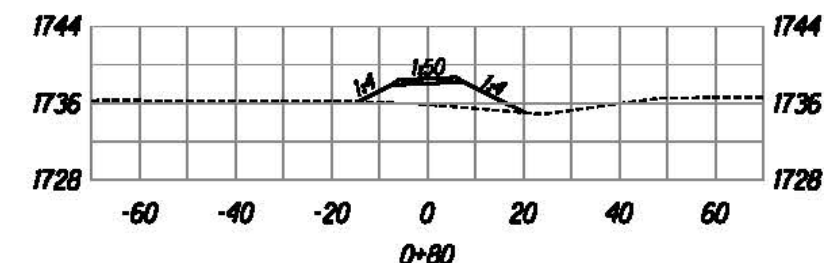
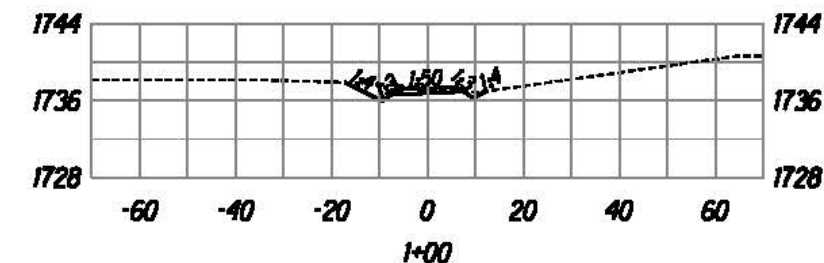
STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E15	E27



Plan
Scale: 1"=40'



Profile
Scale: Horiz. 1"=40'
Vert. 1"=20'



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'

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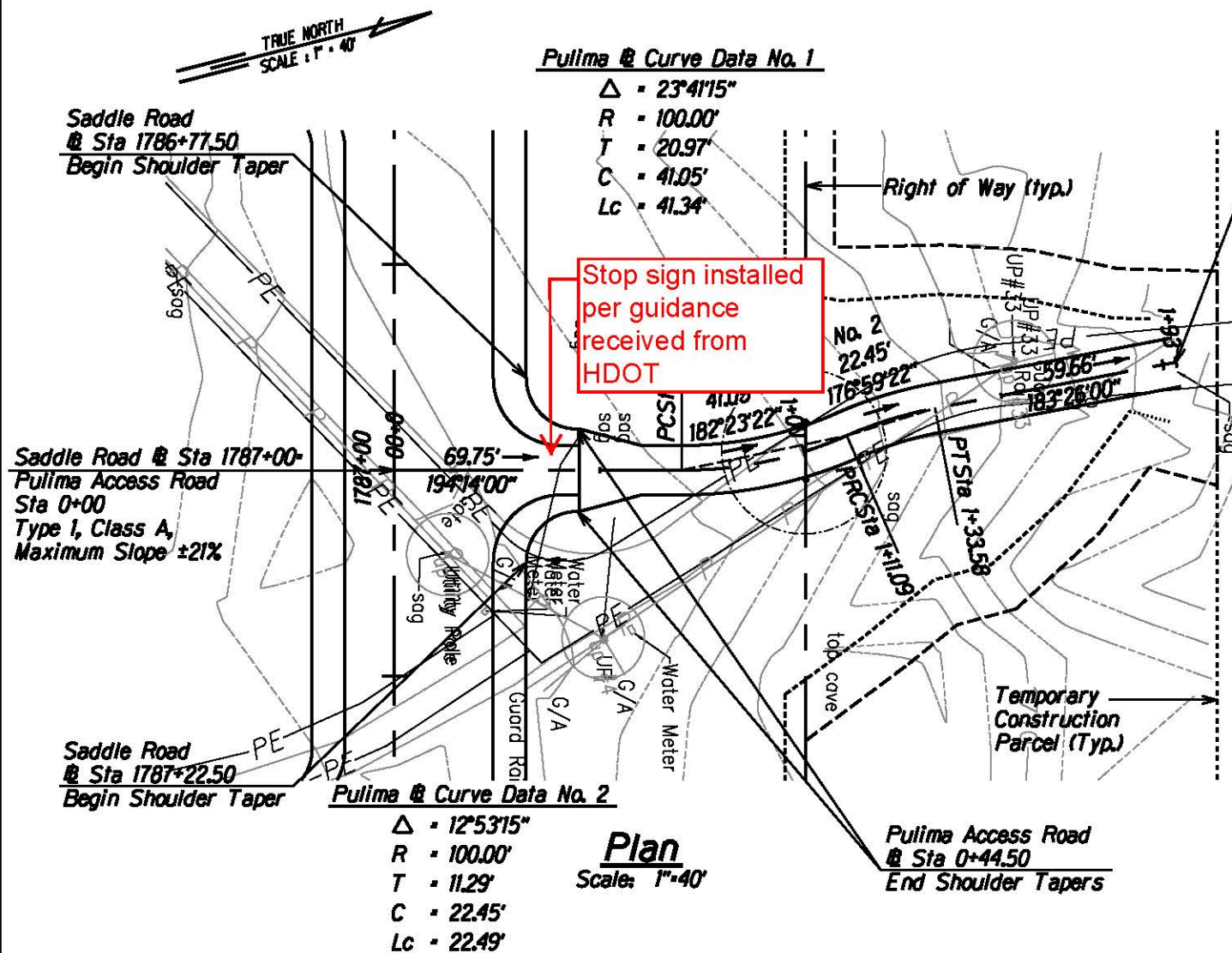
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**PONAHAWAI PARTNERS
ACCESS ROAD
@ STA 1784+00**

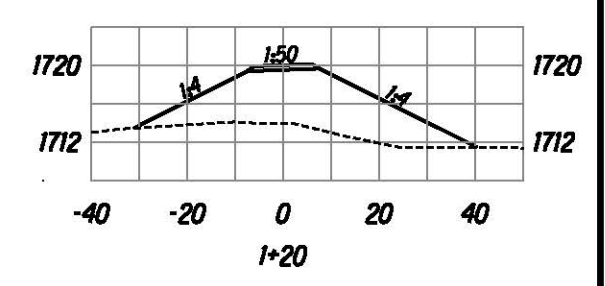
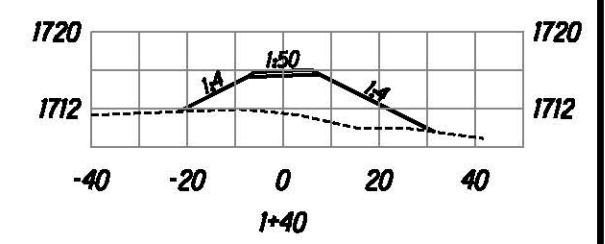
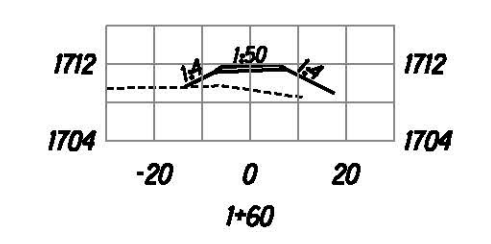
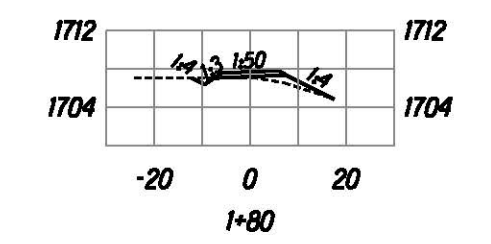
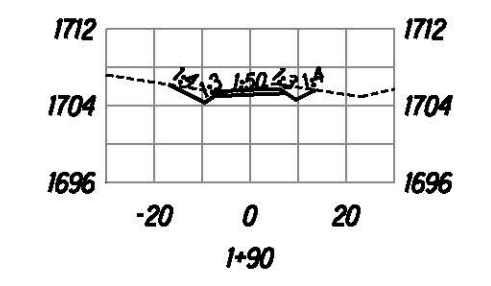
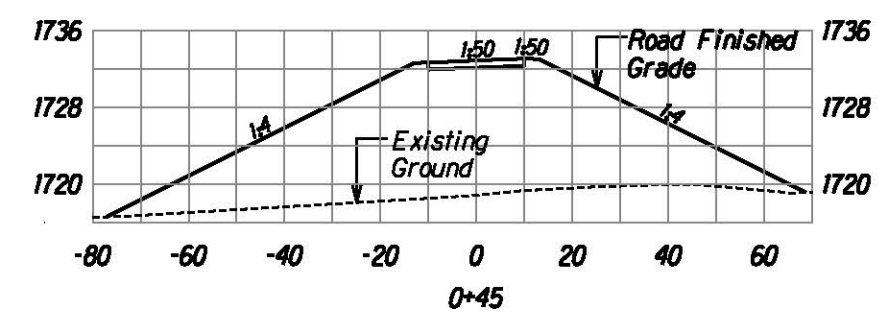
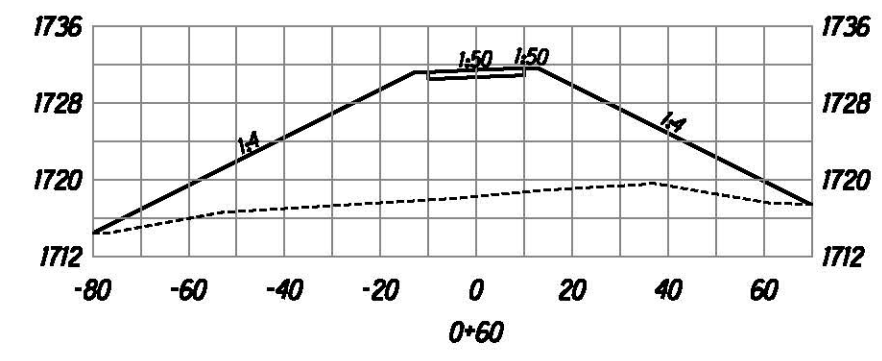
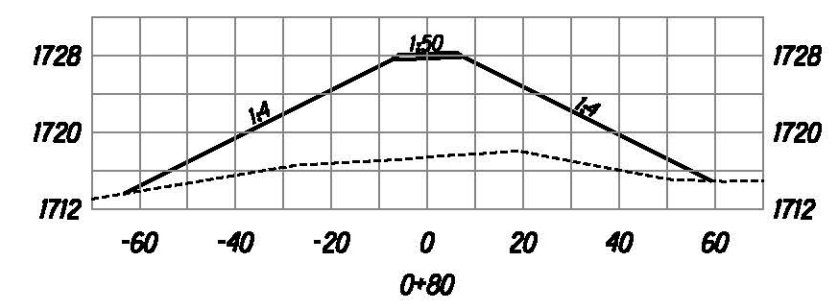
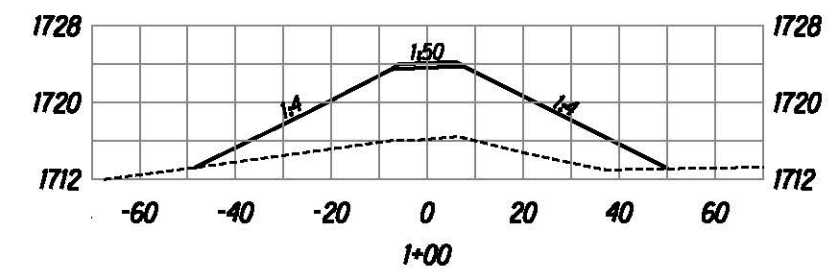
Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E17	E27



Field Adjust Location as Necessary to Match Existing Roadway Grade and Configuration, and Grade to Drain.



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'

BRUCE E. MEYERS
Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

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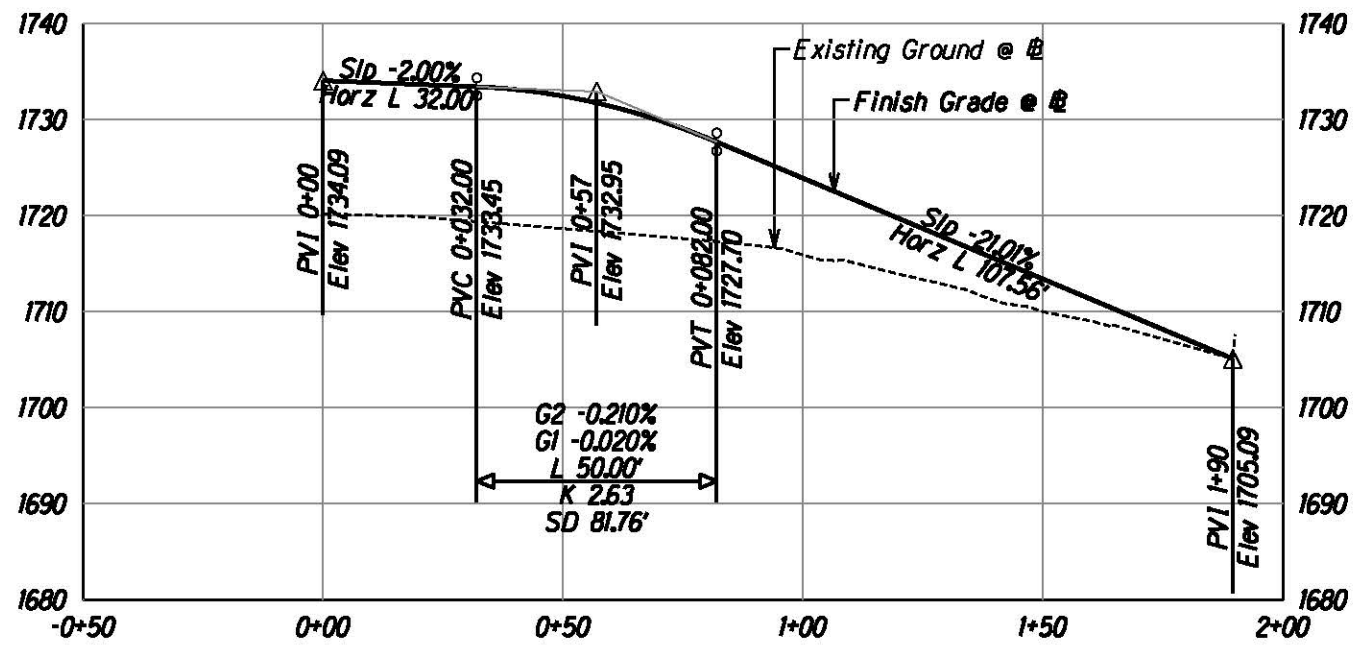
Bruce E. Meyers
Expiration Date of License 2018.

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

PULIMA ACCESS ROAD @ STA 1787+00

Scale: As Noted Date: August 21, 2015

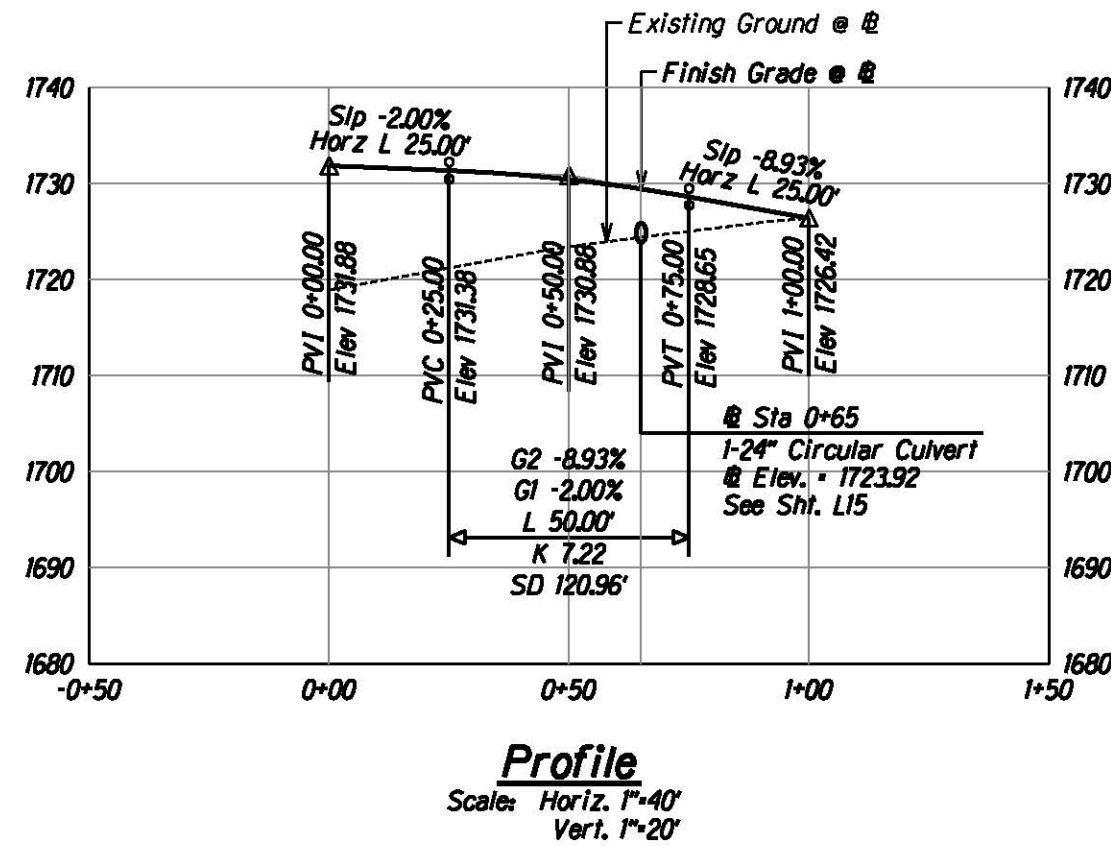
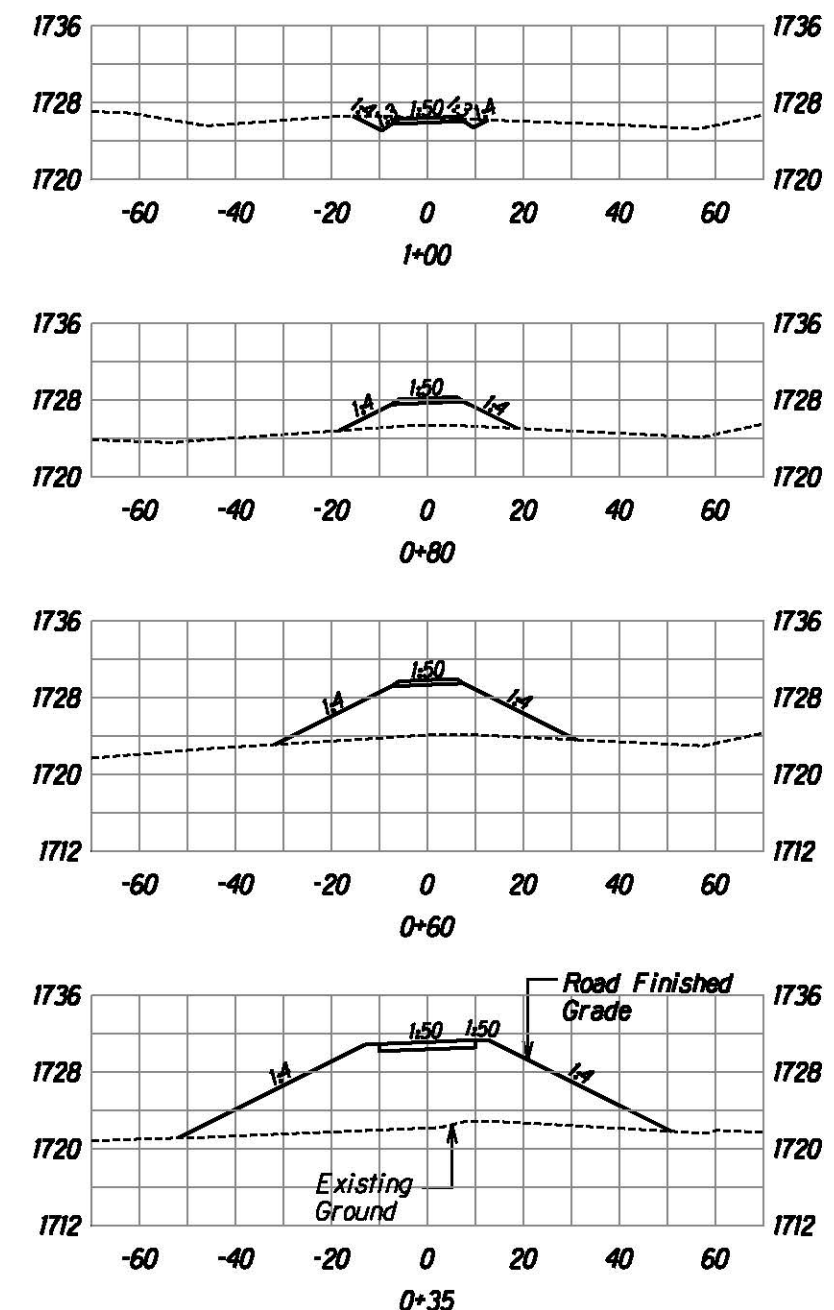
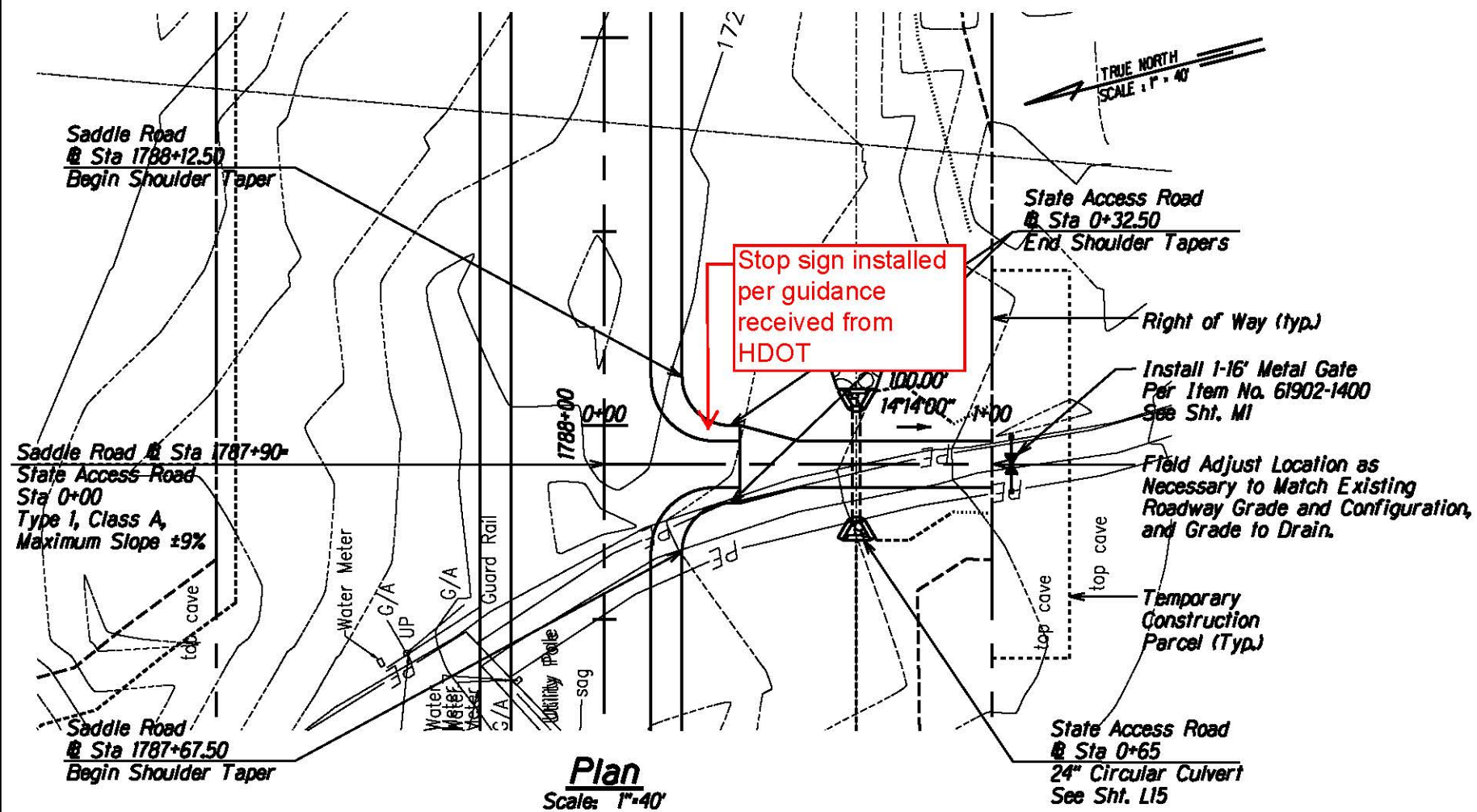
SHEET No. 1 OF 1



Profile
Scale: Horiz. 1"=40'
Vert. 1"=20'

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STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E18	E27



BRUCE E. MEYERS
Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

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Bruce E. Meyers
Expiration Date of License 2018.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

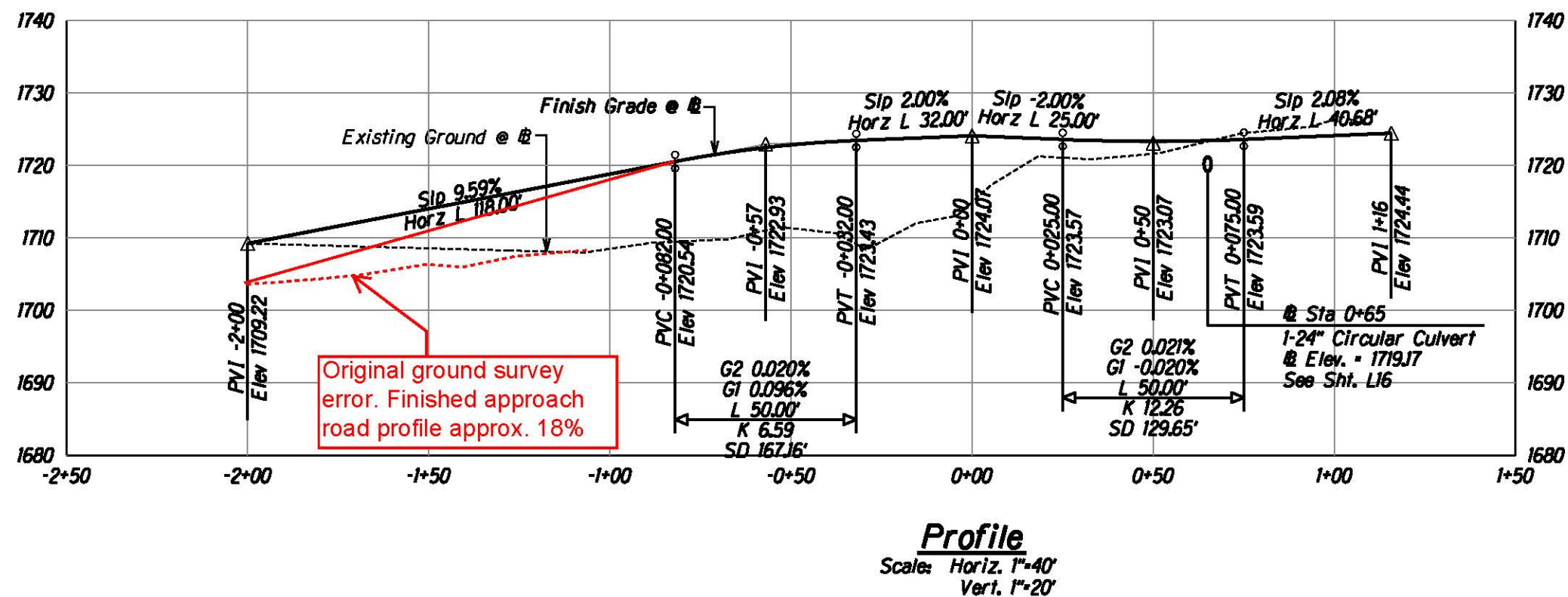
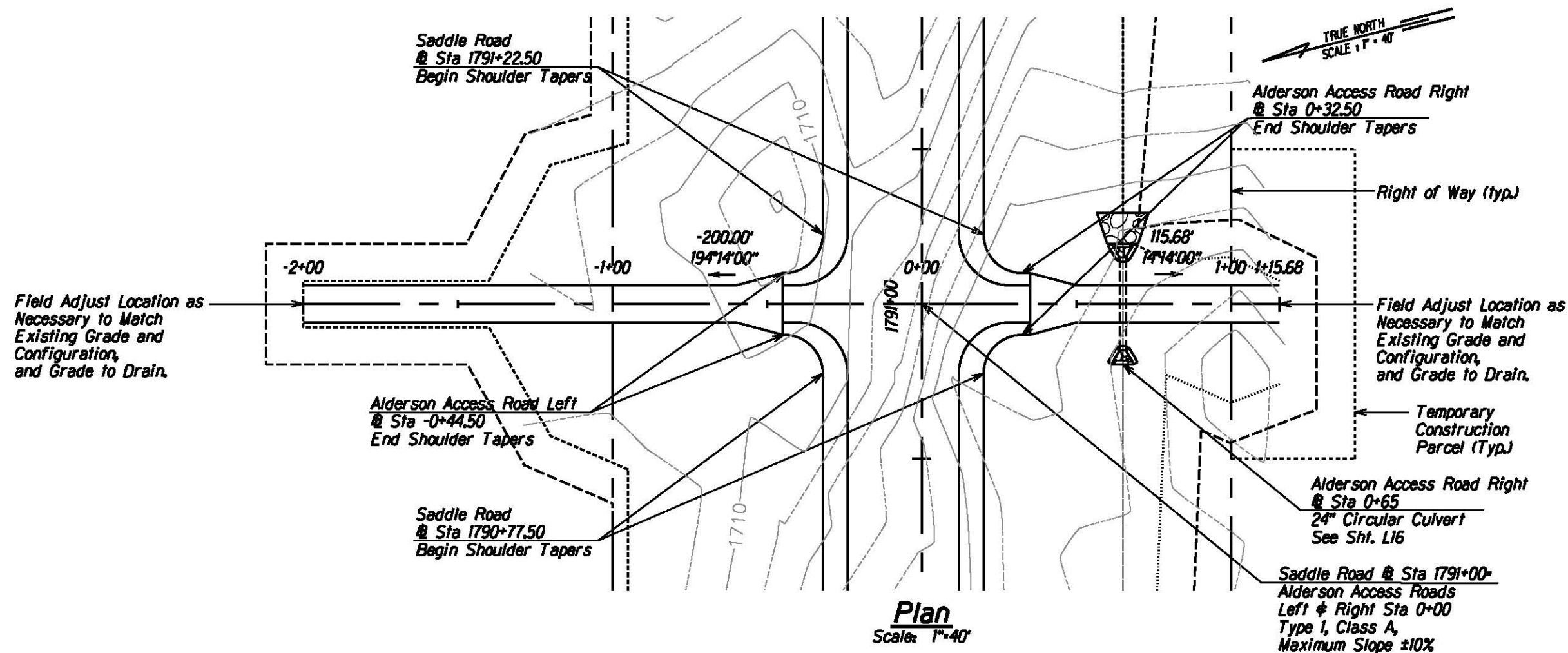
STATE ACCESS ROAD @ STA 1787+90

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

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STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E19	E27



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Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

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Bruce E. Meyers
Expiration Date of License 2/15

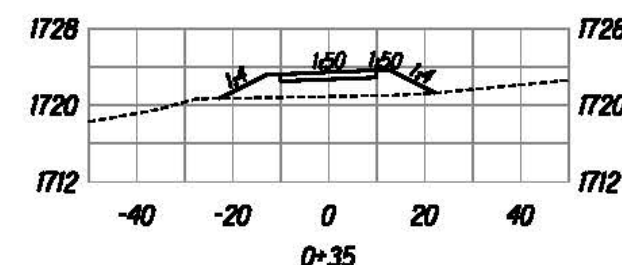
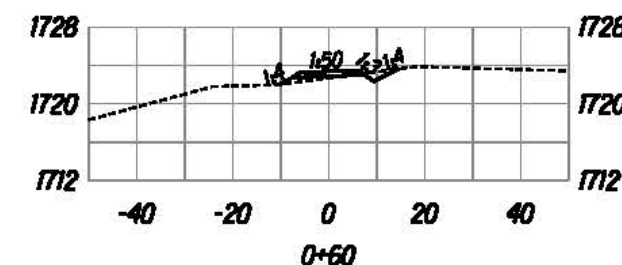
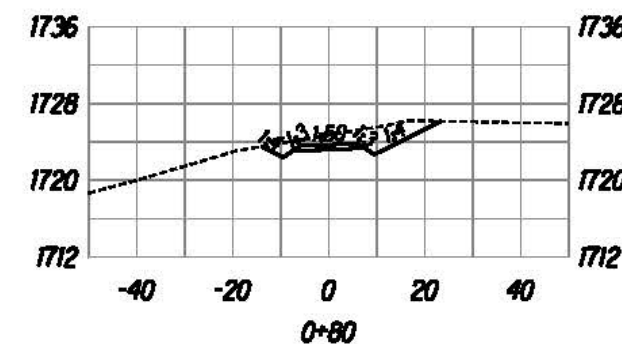
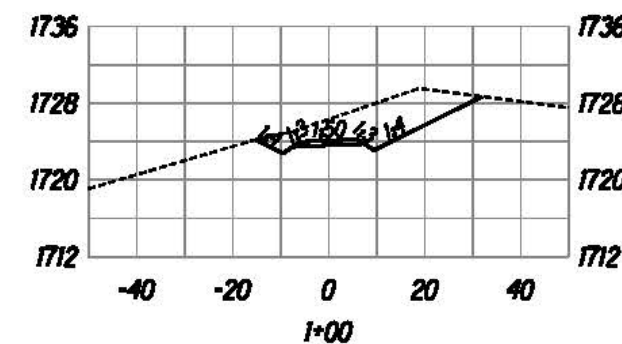
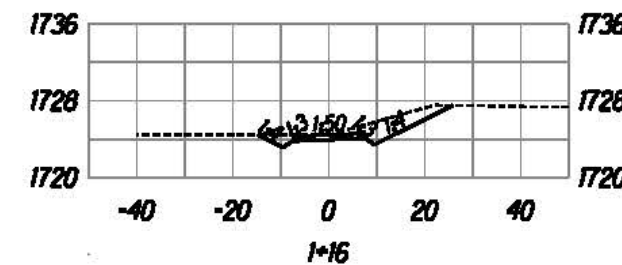
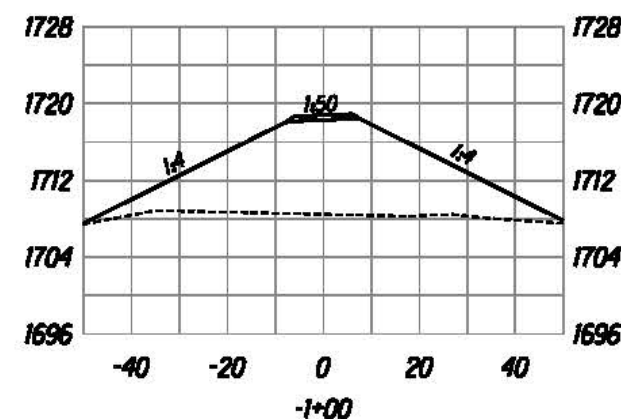
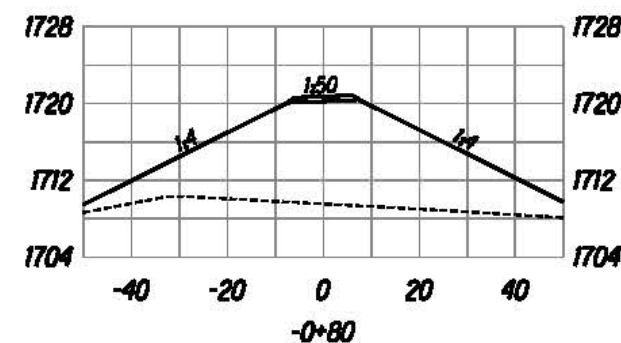
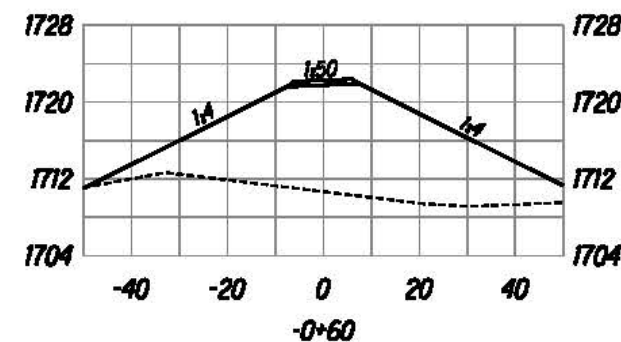
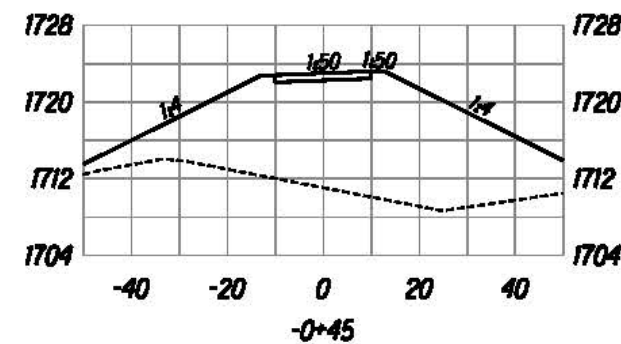
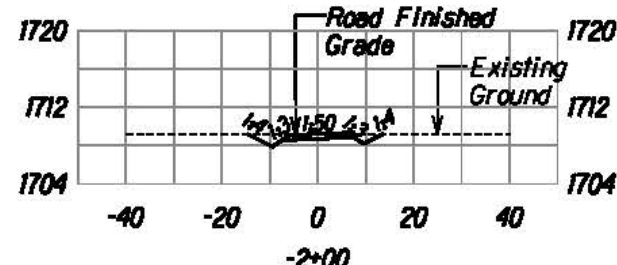
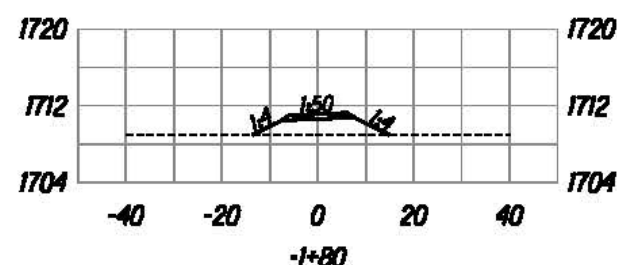
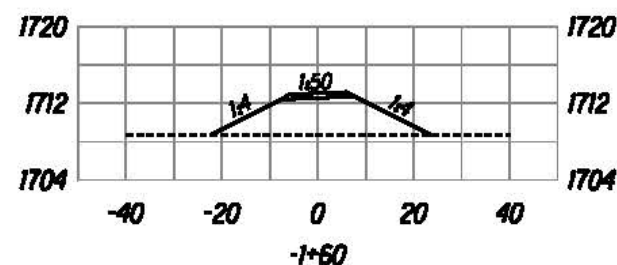
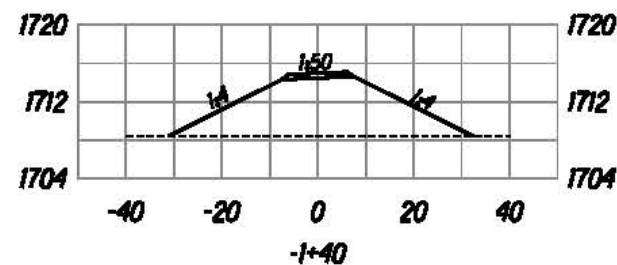
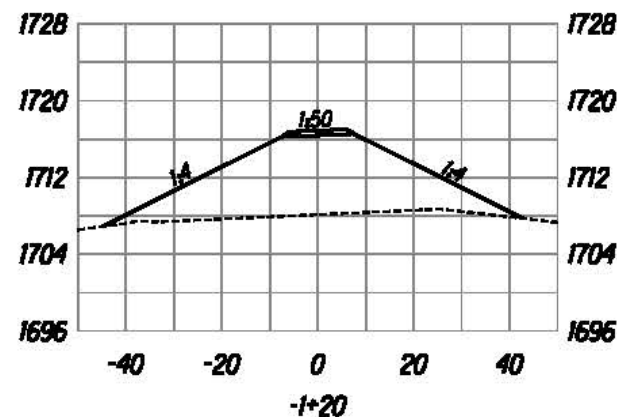
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**ALDERSON
ACCESS ROADS LEFT & RIGHT
@ STA 1791+00**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 2

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E20	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



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Signature: David S. M.
Expiration Date of License: 2016

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

ALDERSON
ACCESS ROADS LEFT & RIGHT
@ STA 1791+00

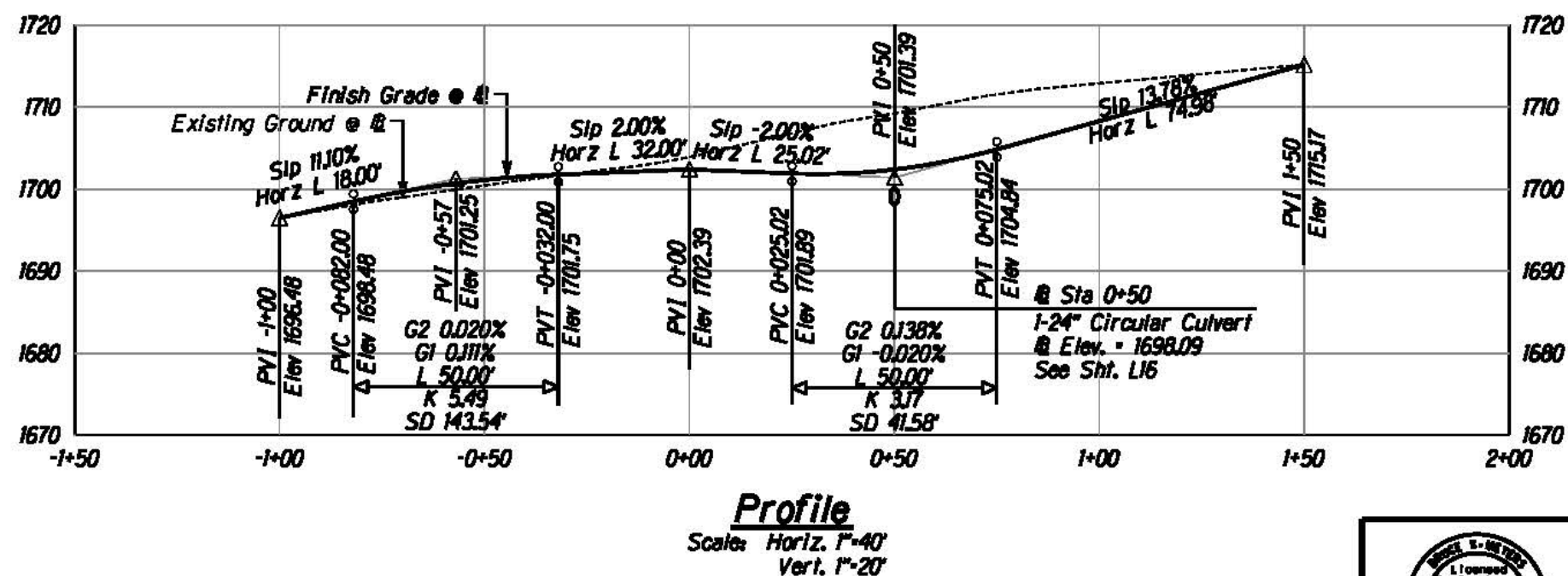
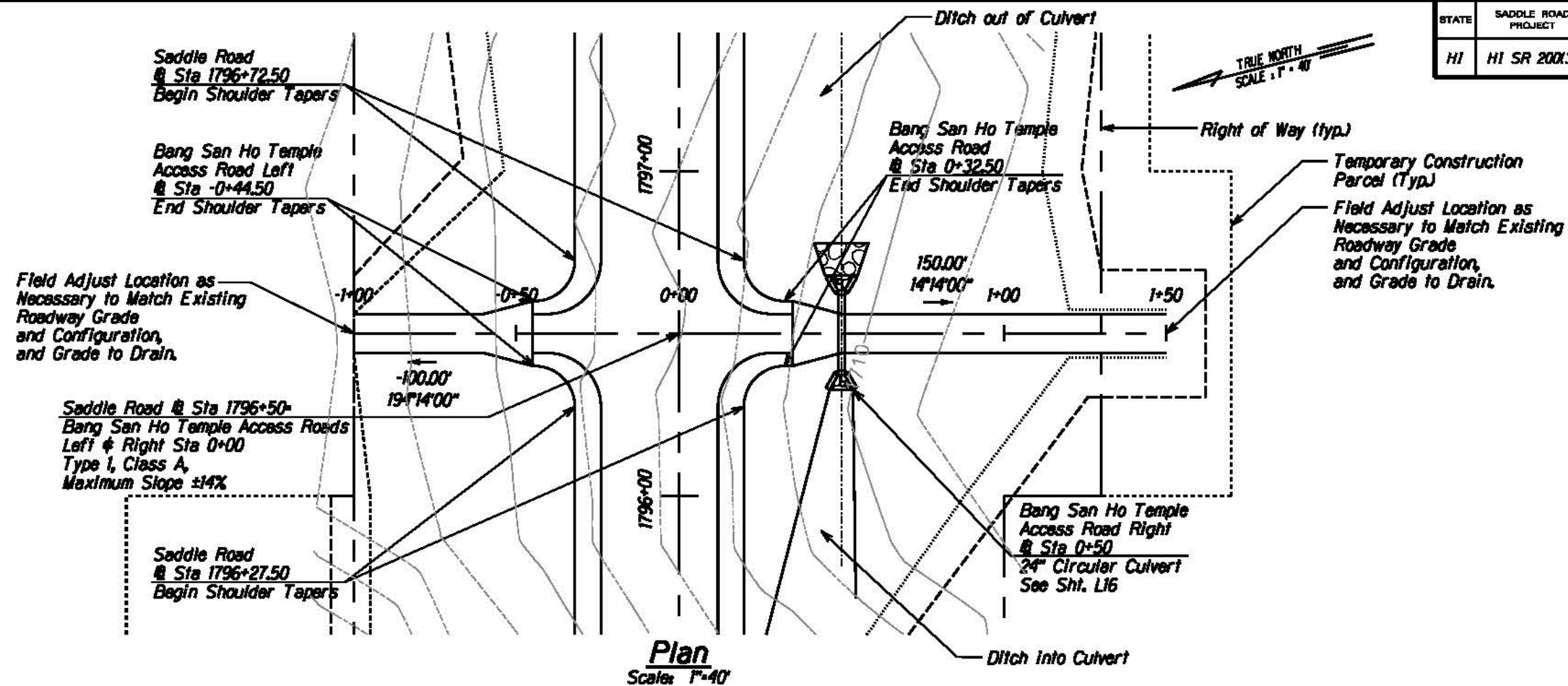
Scale: As Noted Date: August 21, 2015

SHEET No. 2 OF 2

E20

U:\proj\Lenzie\Saddle East II-6\sheet\sheet20.dgn

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E21	E27



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David S. M.

Expiration Date of License 2018.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**BANG SAN HO TEMPLE
ACCESS ROADS LEFT & RIGHT
@ STA 1796+50**

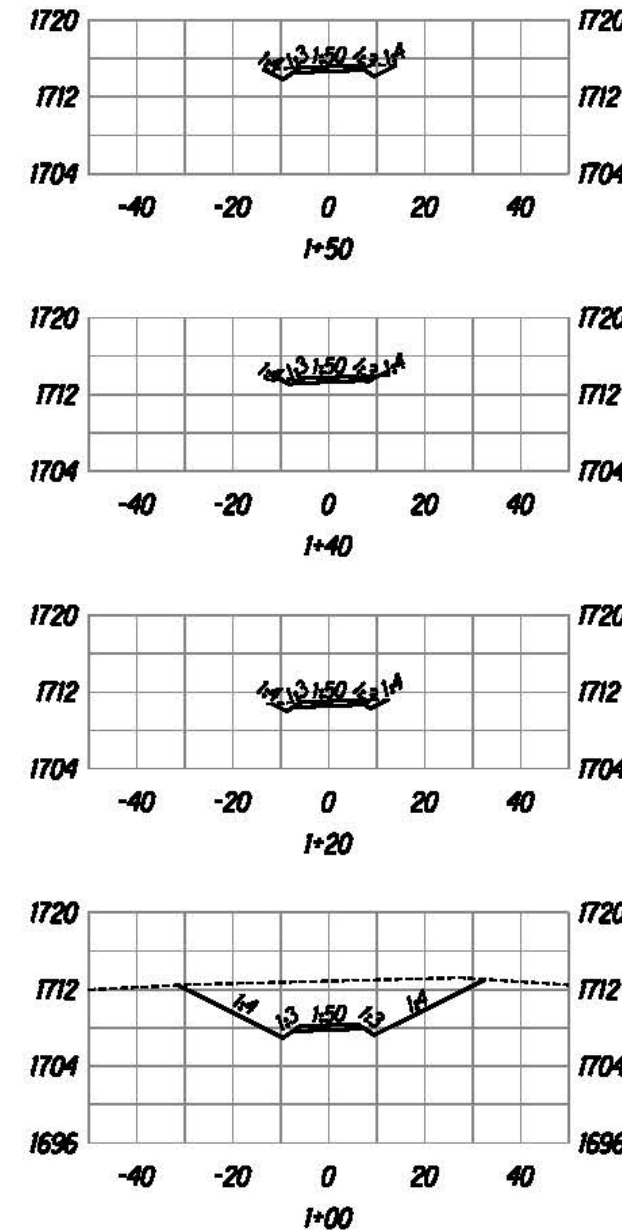
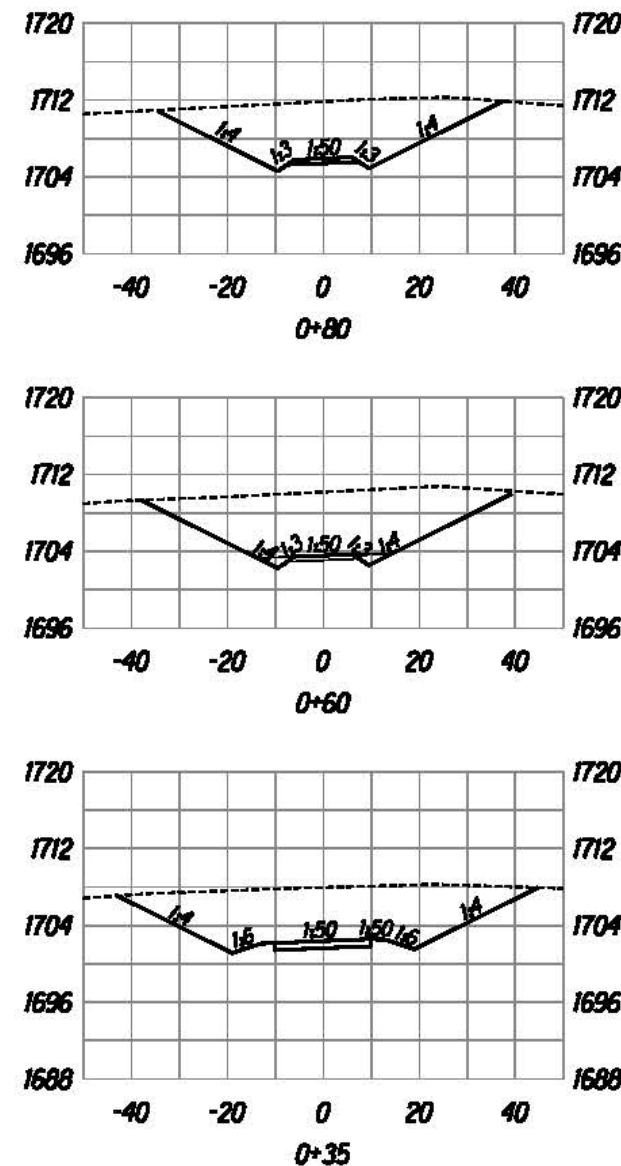
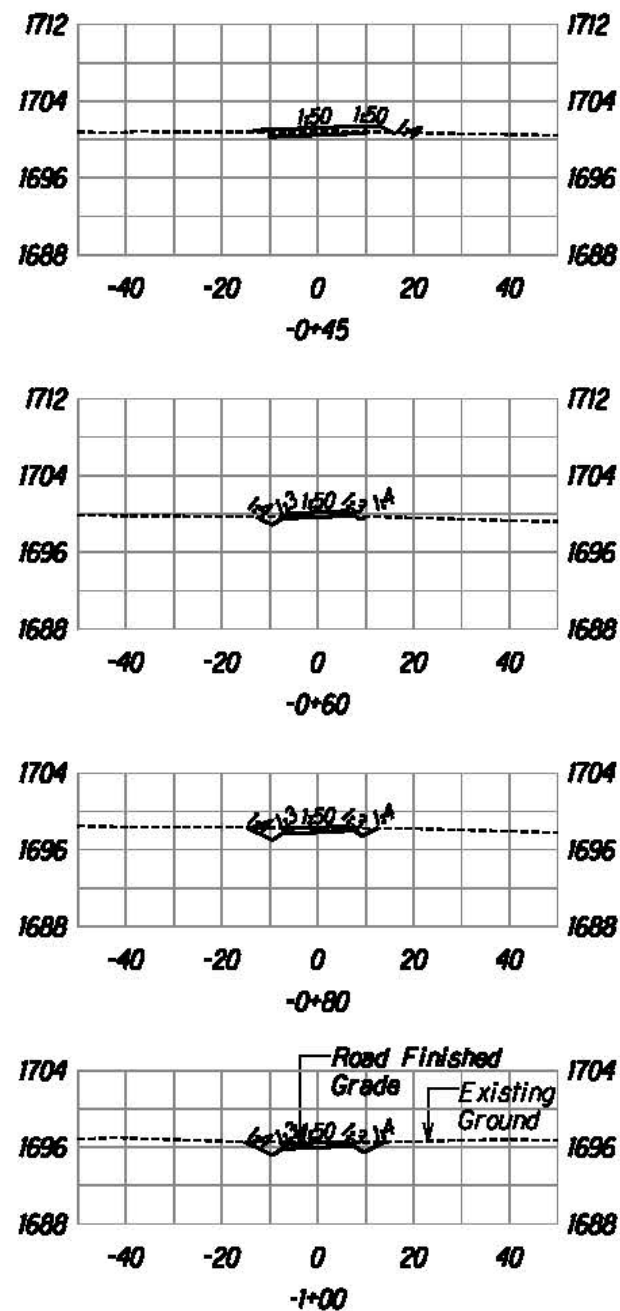
Scale: As Noted

Date: August 21, 2015

SHEET No. 1 OF 2

E21

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E22	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'

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Expiration Date of License 2018.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

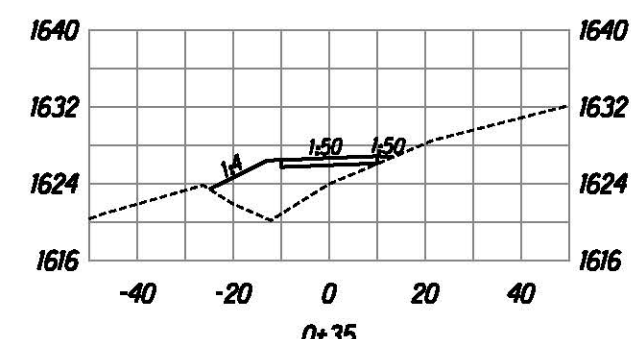
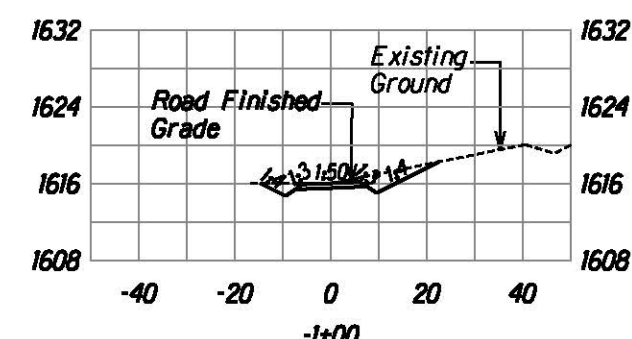
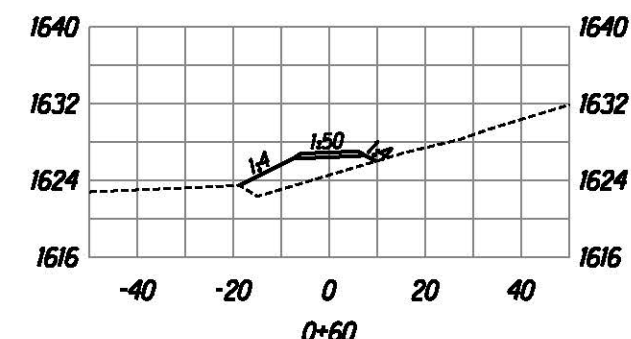
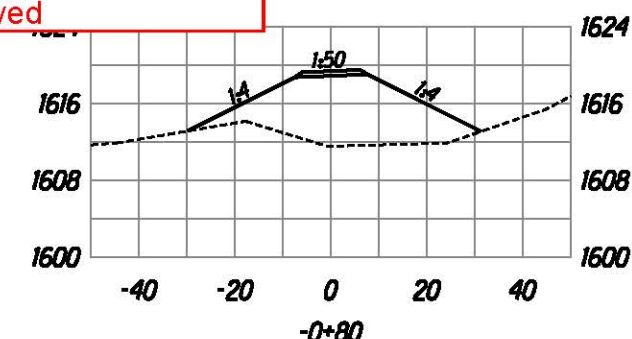
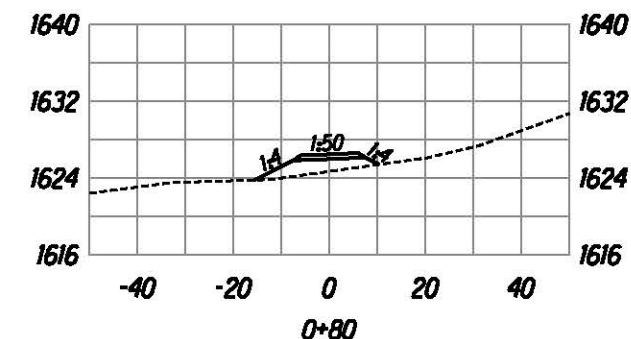
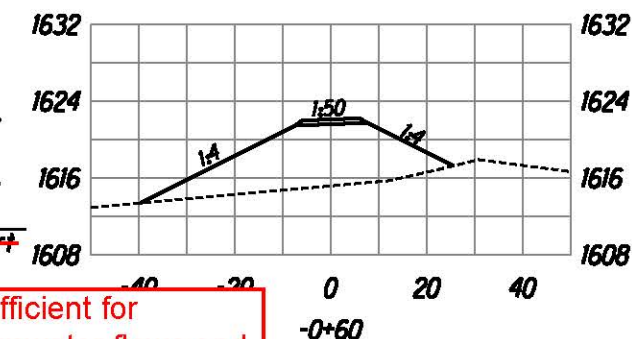
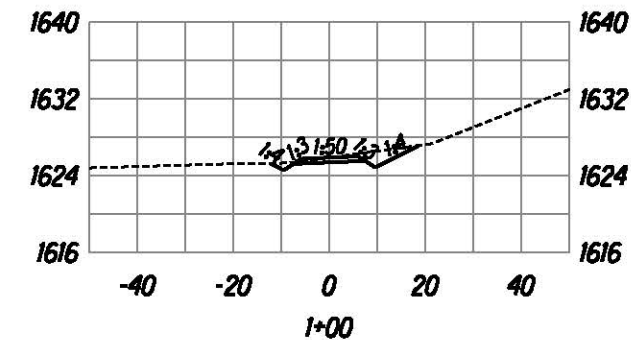
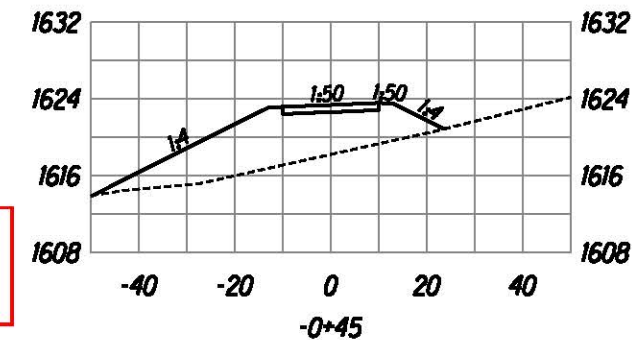
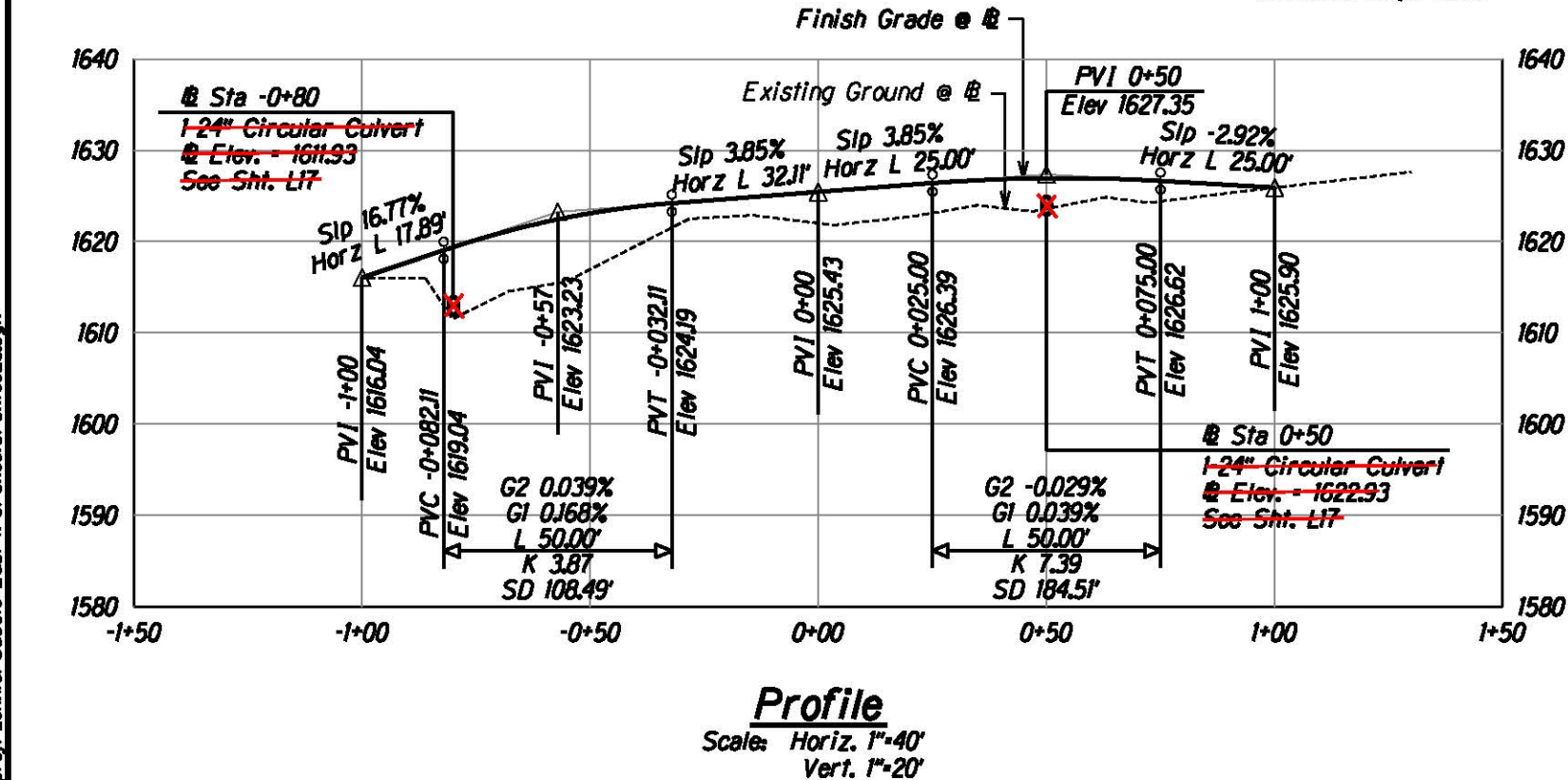
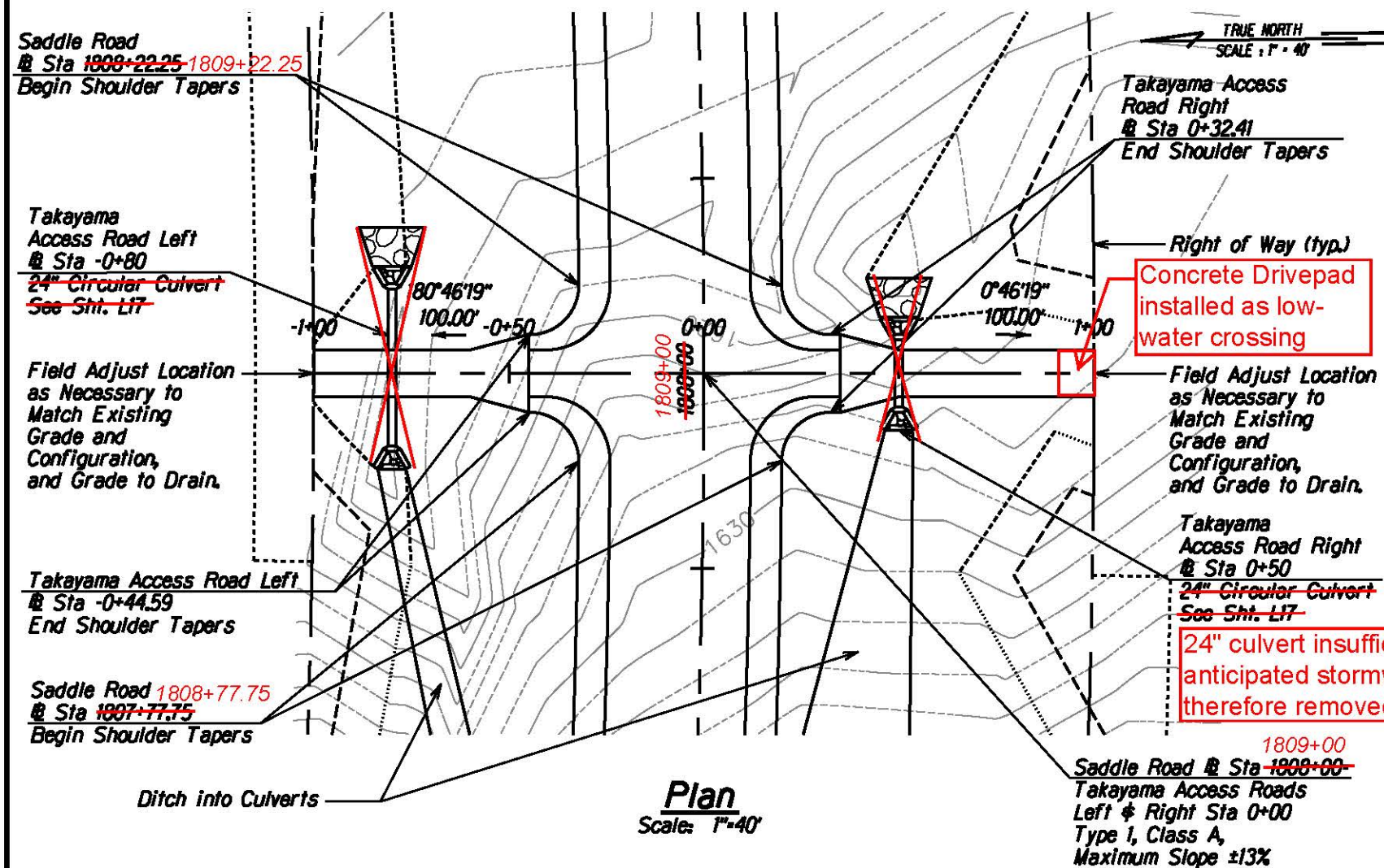
**BANG SAN HO TEMPLE
ACCESS ROADS LEFT & RIGHT
@ STA 1796+50**

Scale: As Noted Date: August 21, 2015

SHEET No. 2 OF 2

U:\proj\Lenzie\Saddle East II-6\sheet\sheet022.dgn

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E23	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



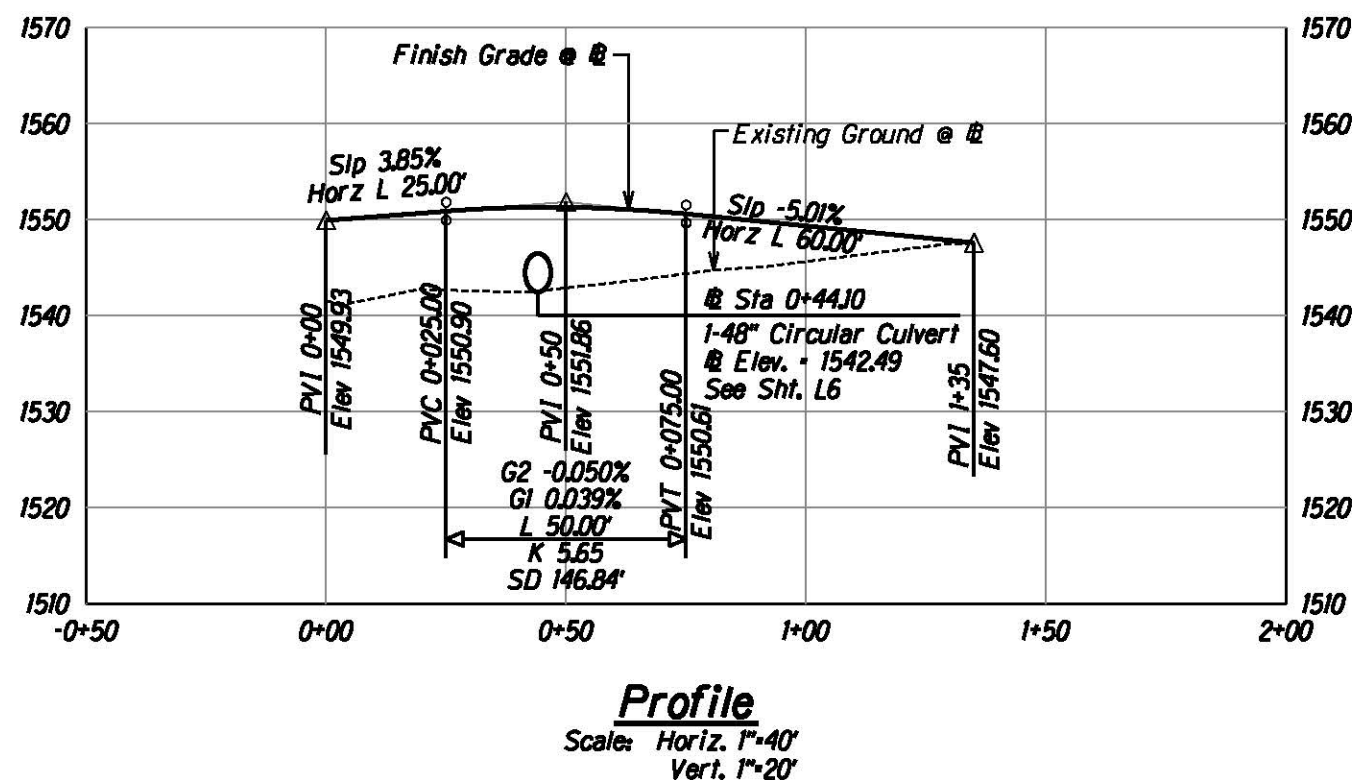
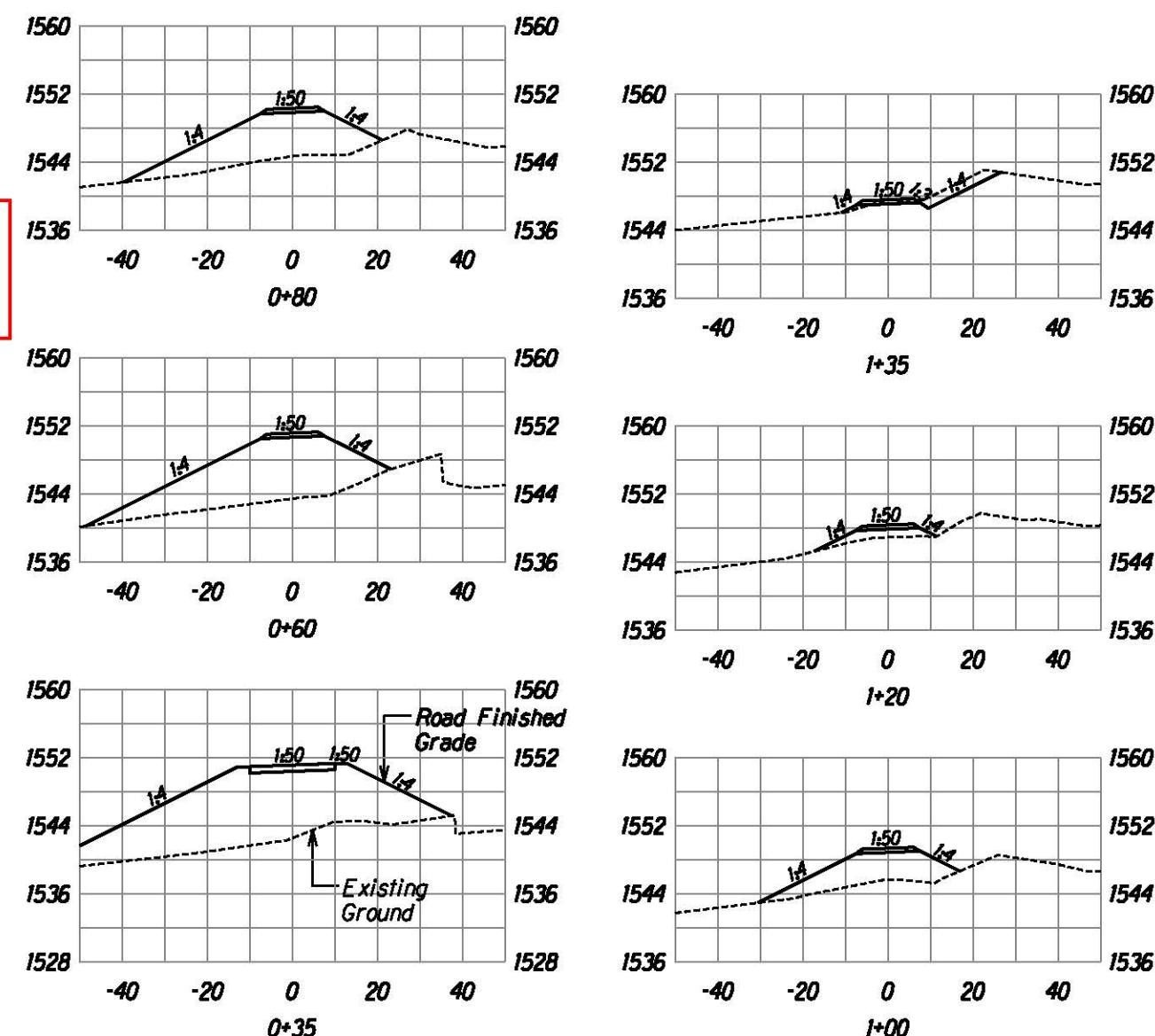
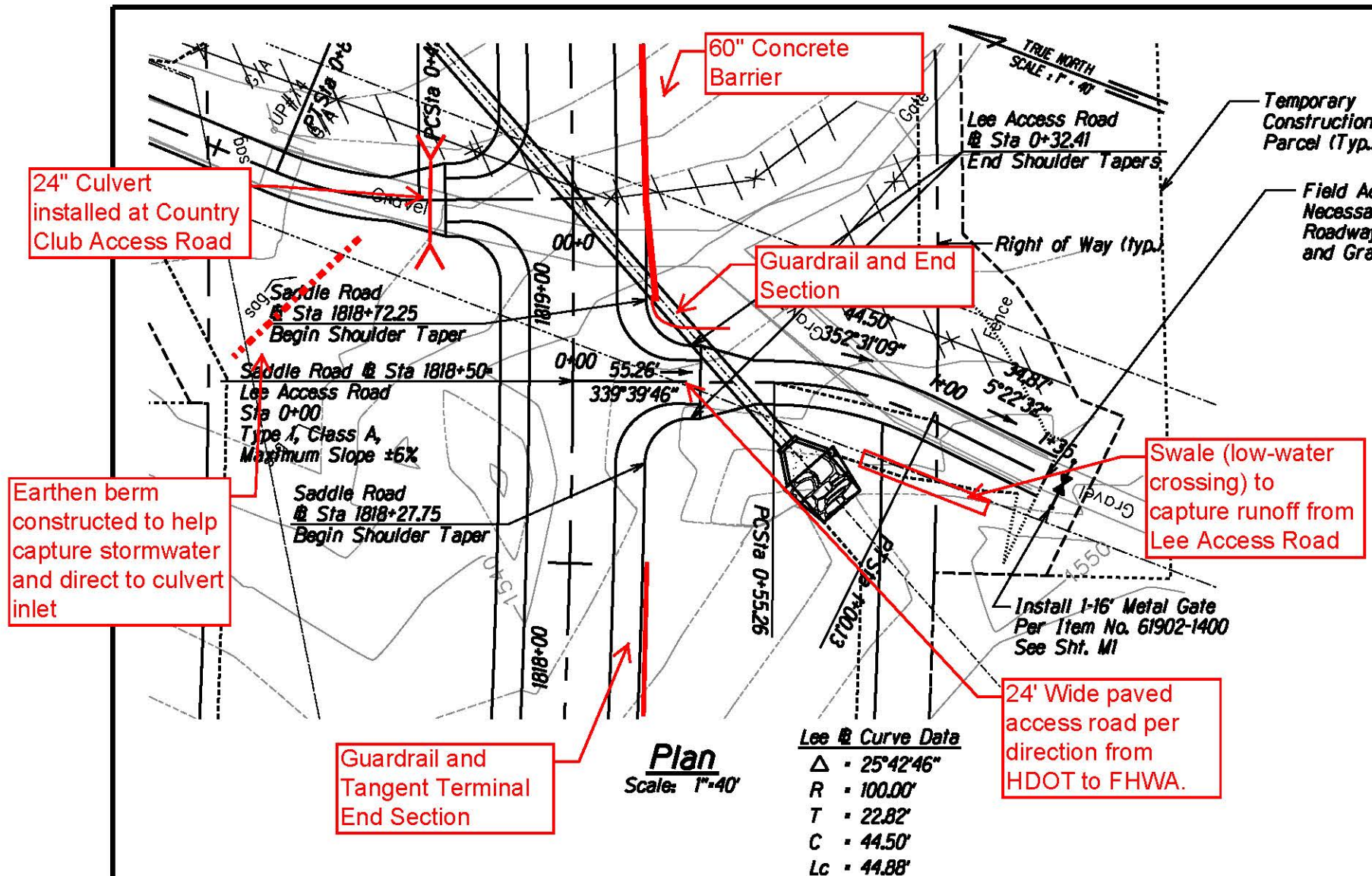
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

TAKAYAMA
ACCESS ROADS LEFT & RIGHT
@ STA 1808+00-1809+00

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEET
HI	HI SR 200(3)	E24	E27



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or under my supervision and
construction of this project will
be under my observation.

David Rayon

Expiration Date of License 4/15

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

**LEE
ACCESS ROAD
@ STA 1818+50**

Scale: As Noted

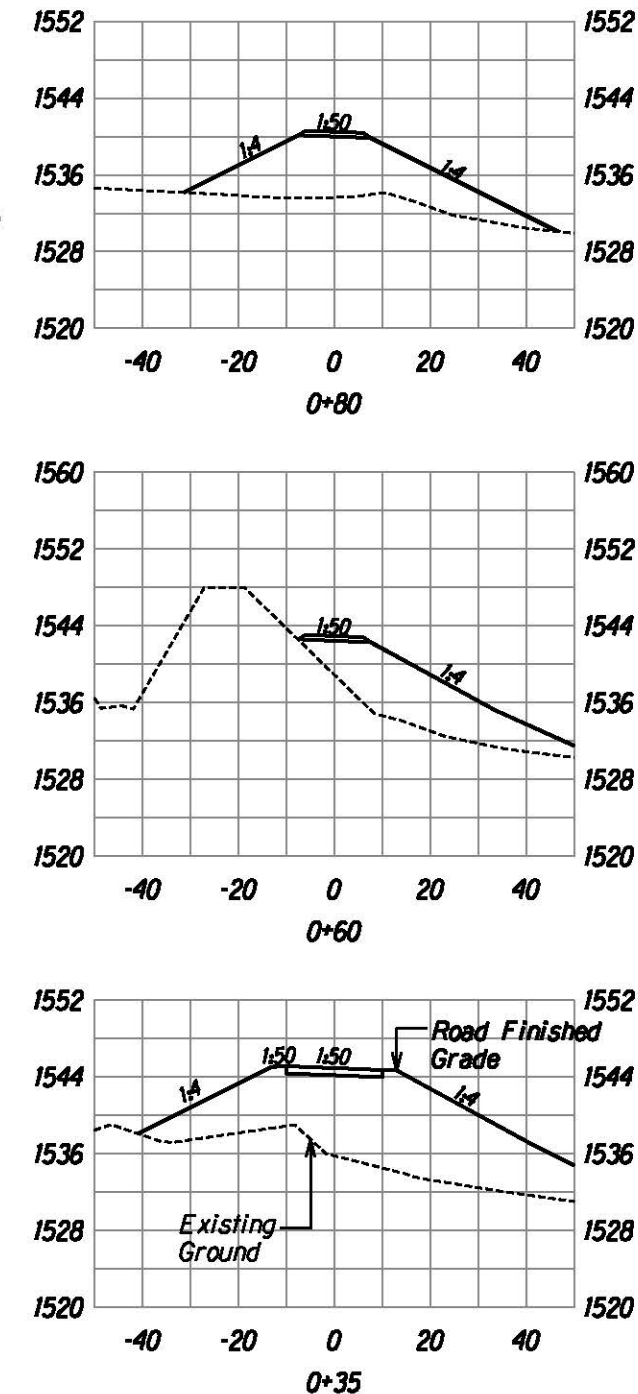
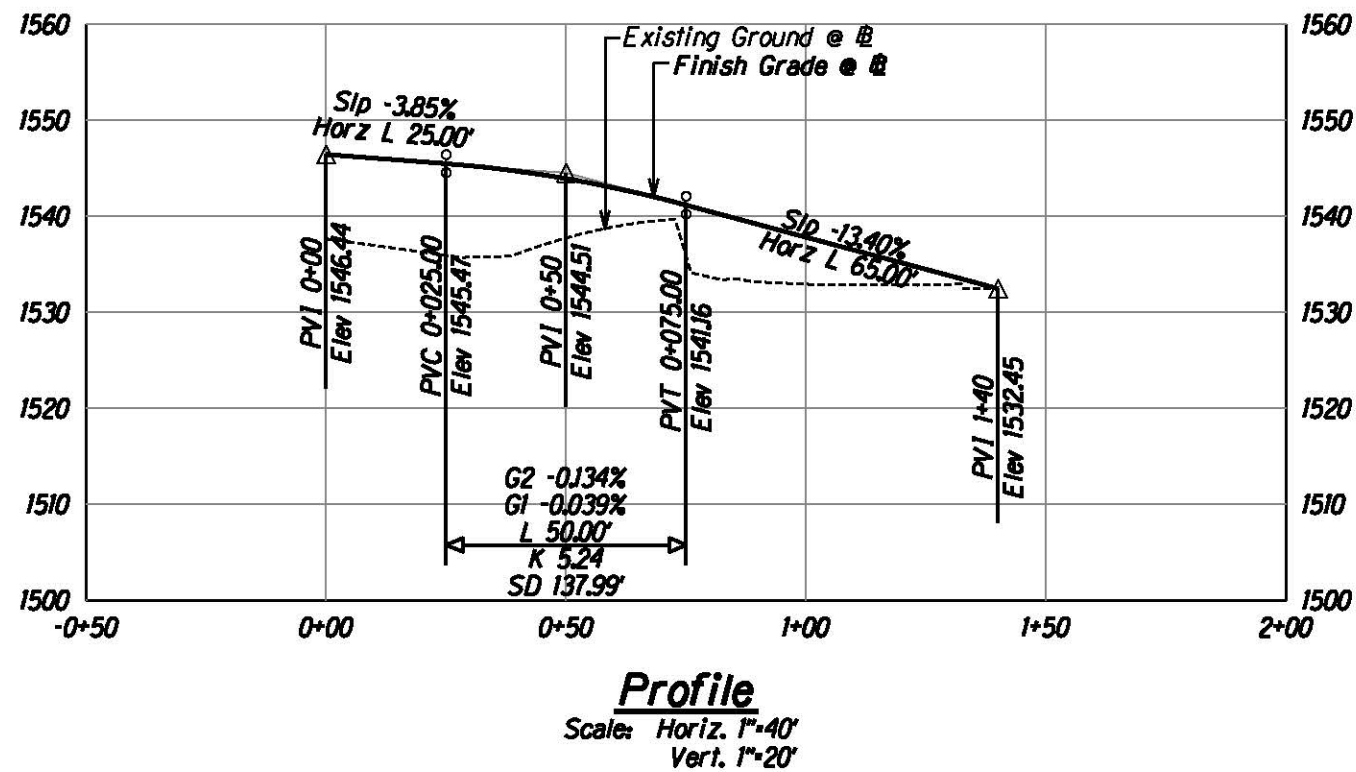
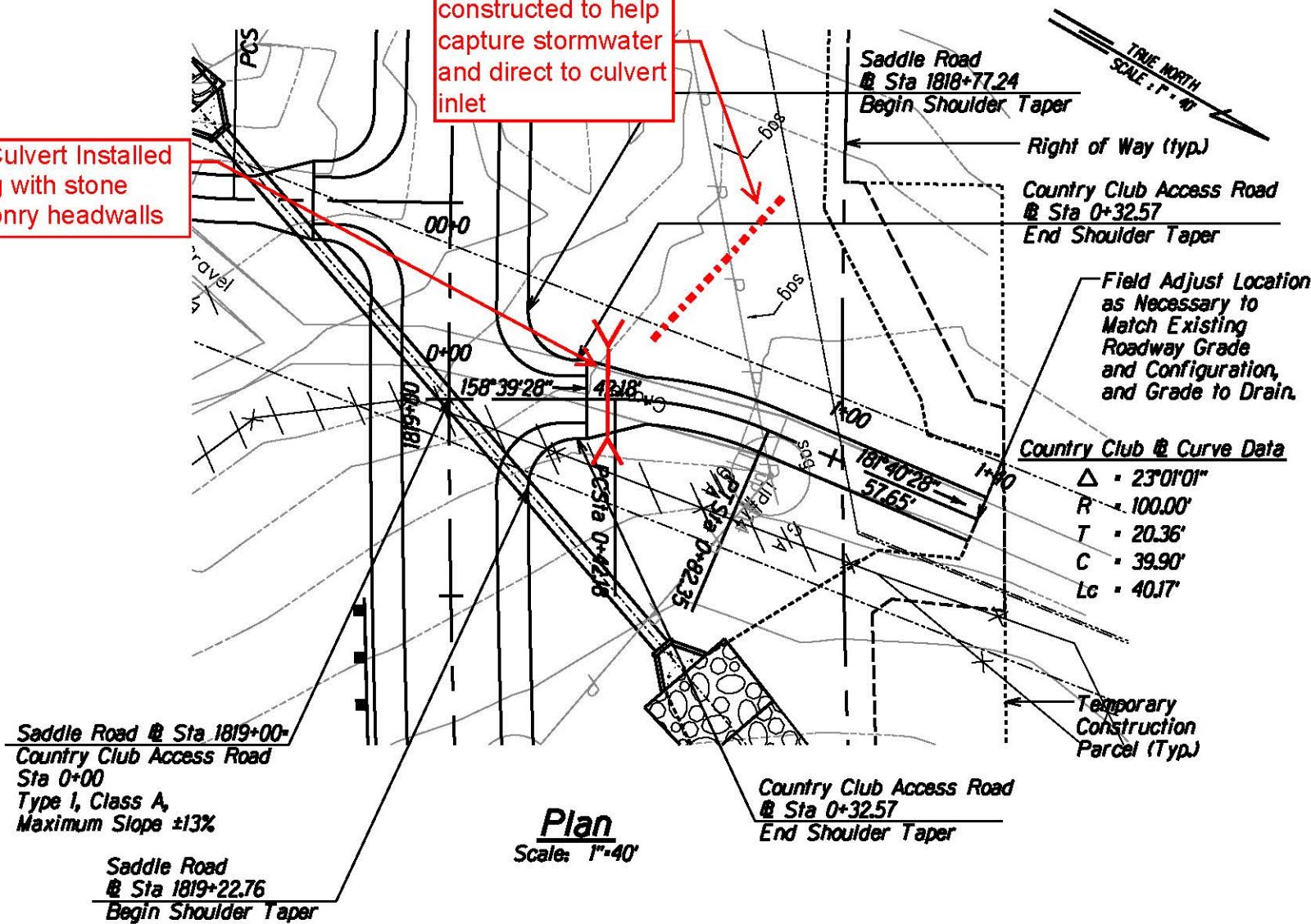
Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E25	E27

24" Culvert Installed along with stone masonry headwalls

Earthen berm constructed to help capture stormwater and direct to culvert inlet



BRUCE E. MEYERS
Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

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Bruce E. Meyers
Expiration Date of License 2018.

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FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

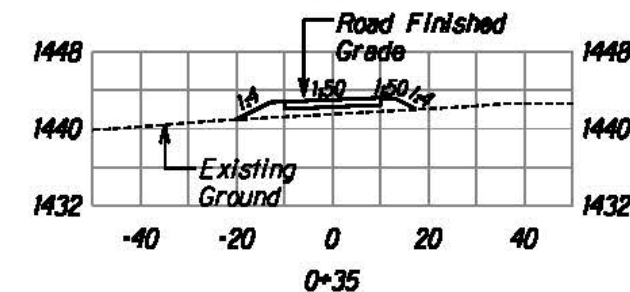
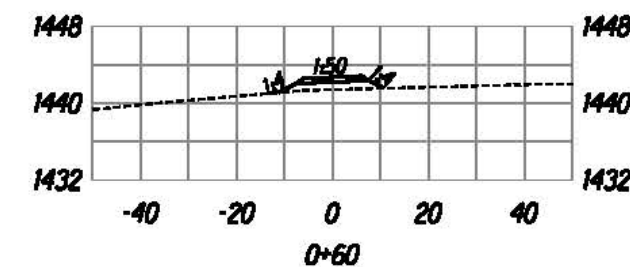
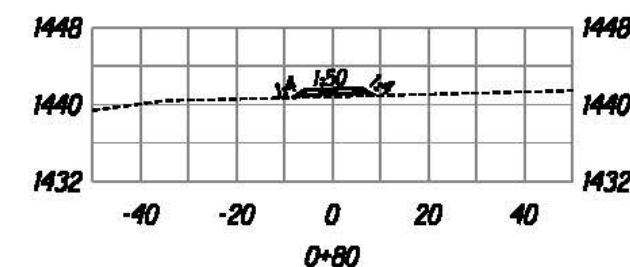
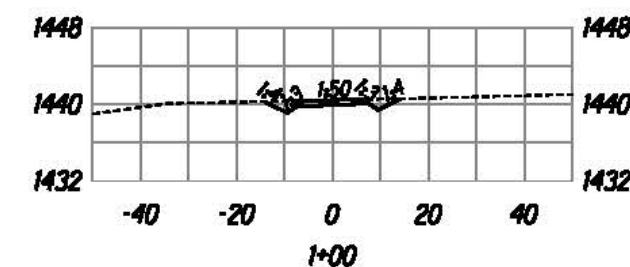
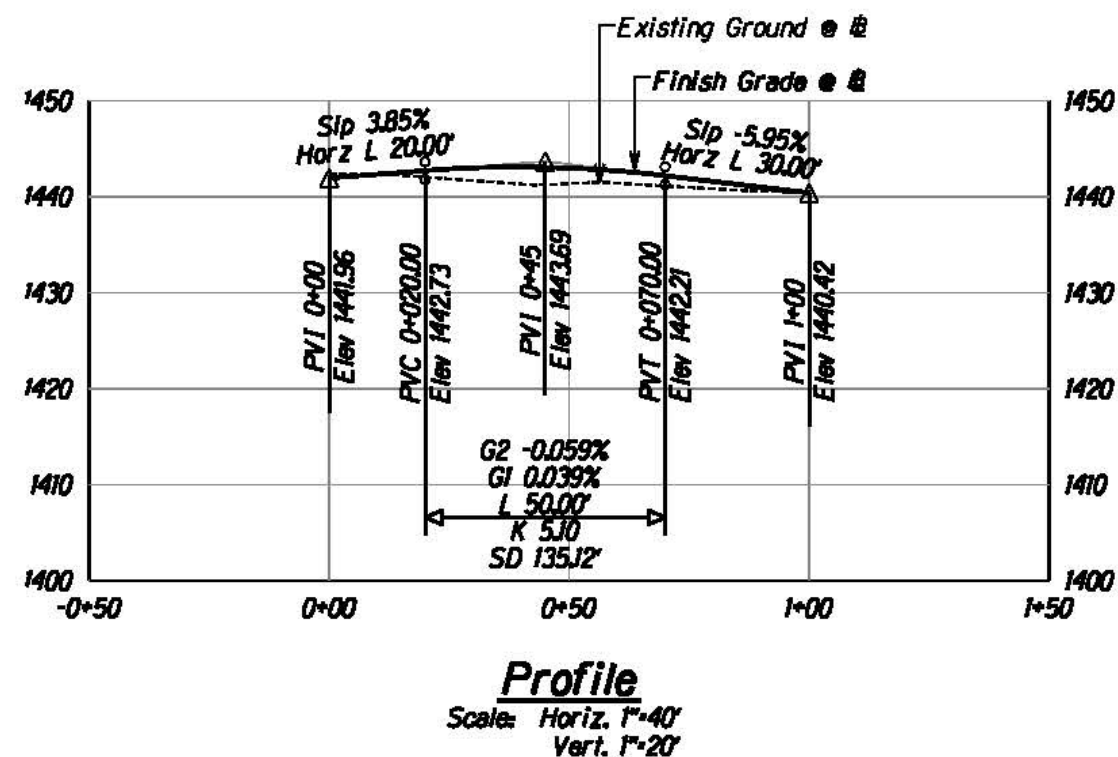
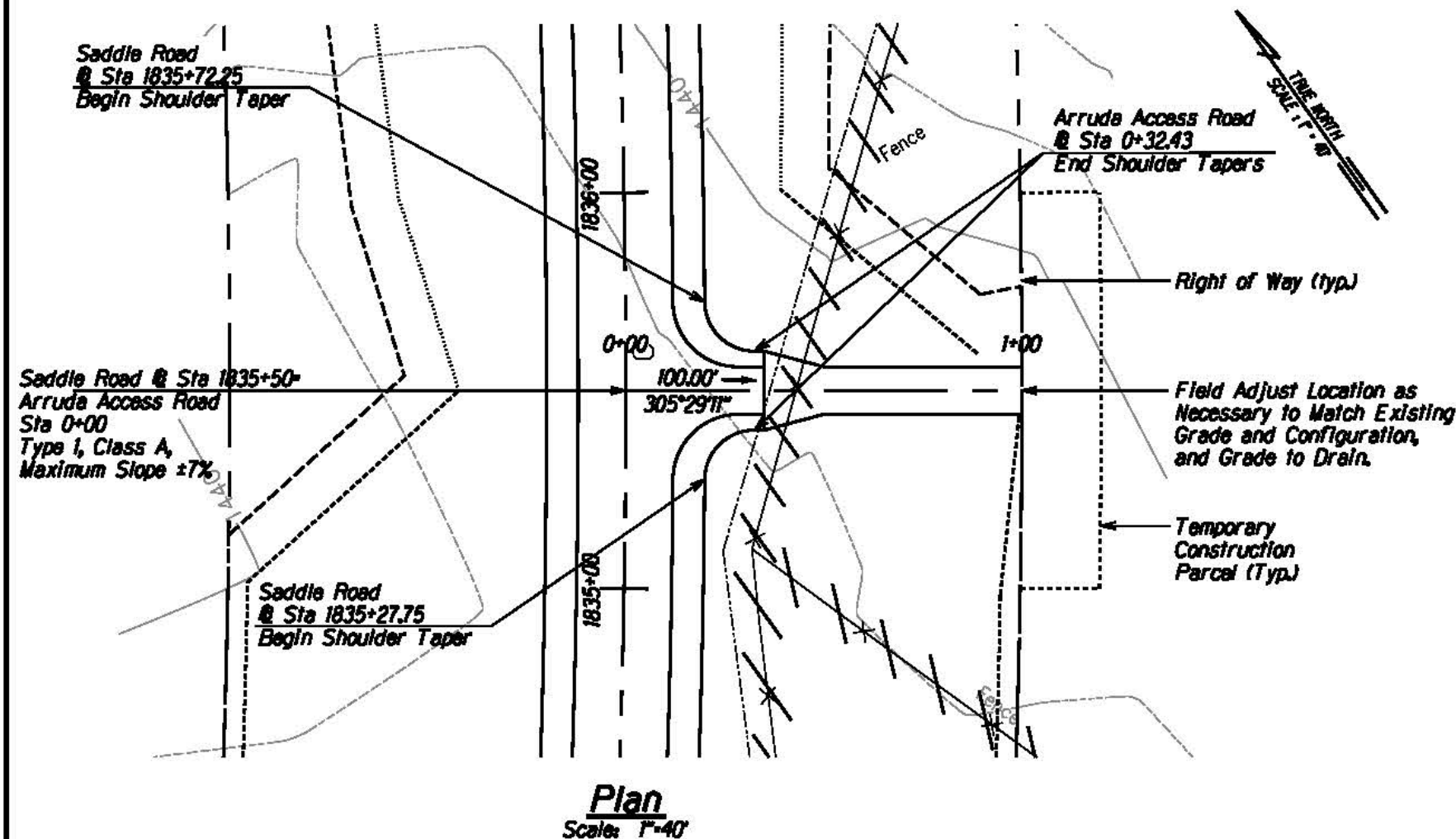
COUNTRY CLUB ACCESS ROAD @ STA 1819+00

Scale: As Noted Date: August 21, 2015

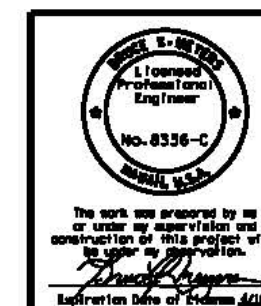
SHEET No. 1 OF 1

M:\Mproj\Lenzie\Saddle East 11-6\sheet\shie25.dgn

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E26	E27



Cross Sections
Scale: Horiz. 1"=40'
Vert. 1"=20'



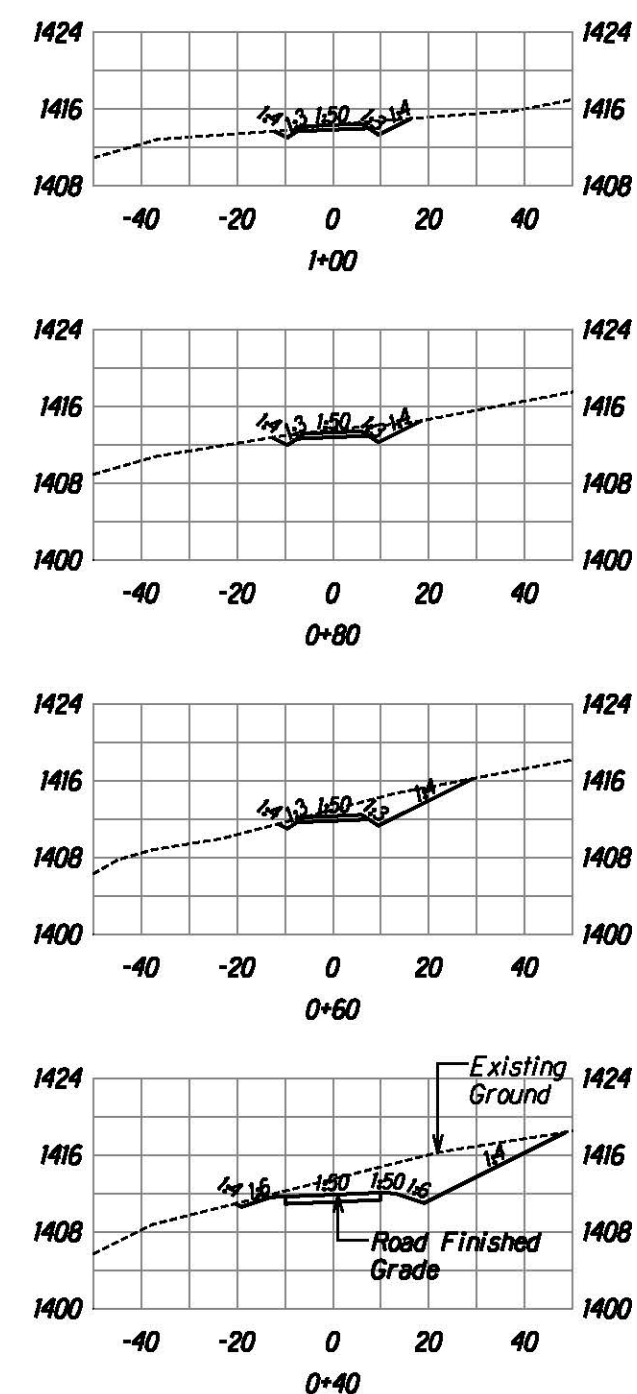
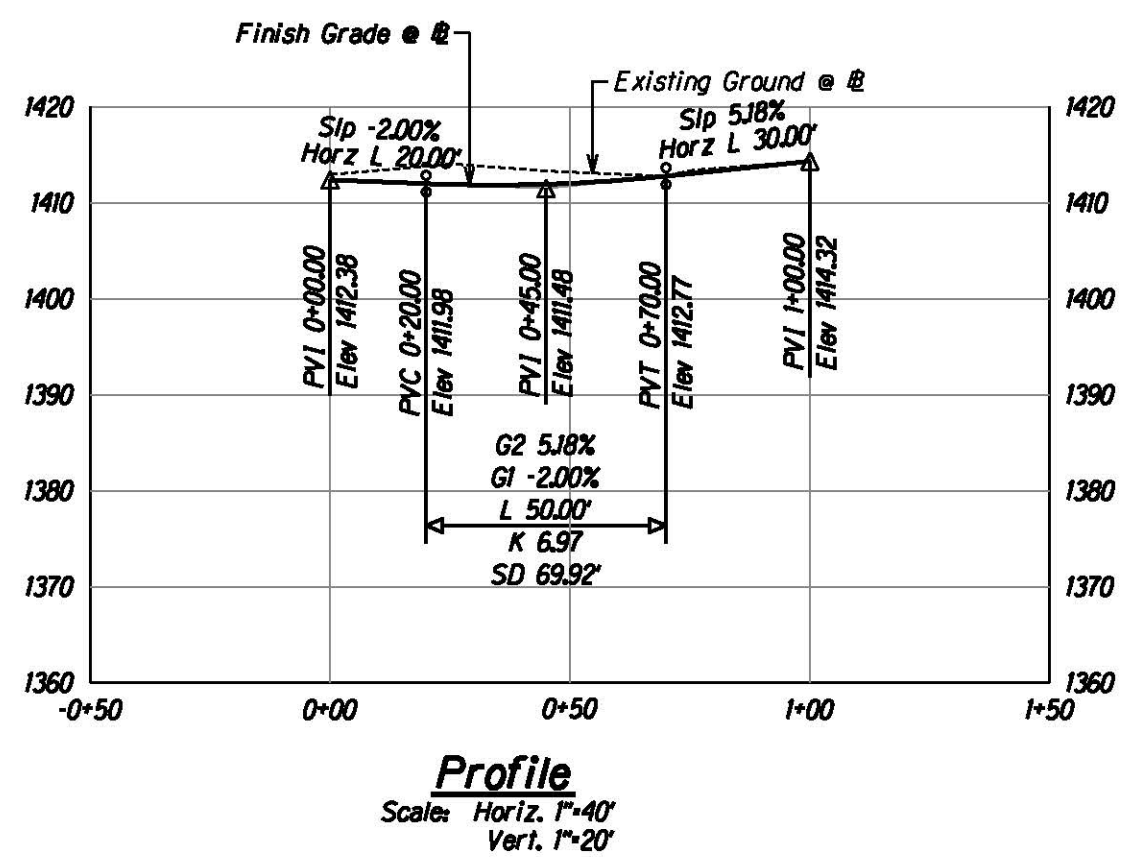
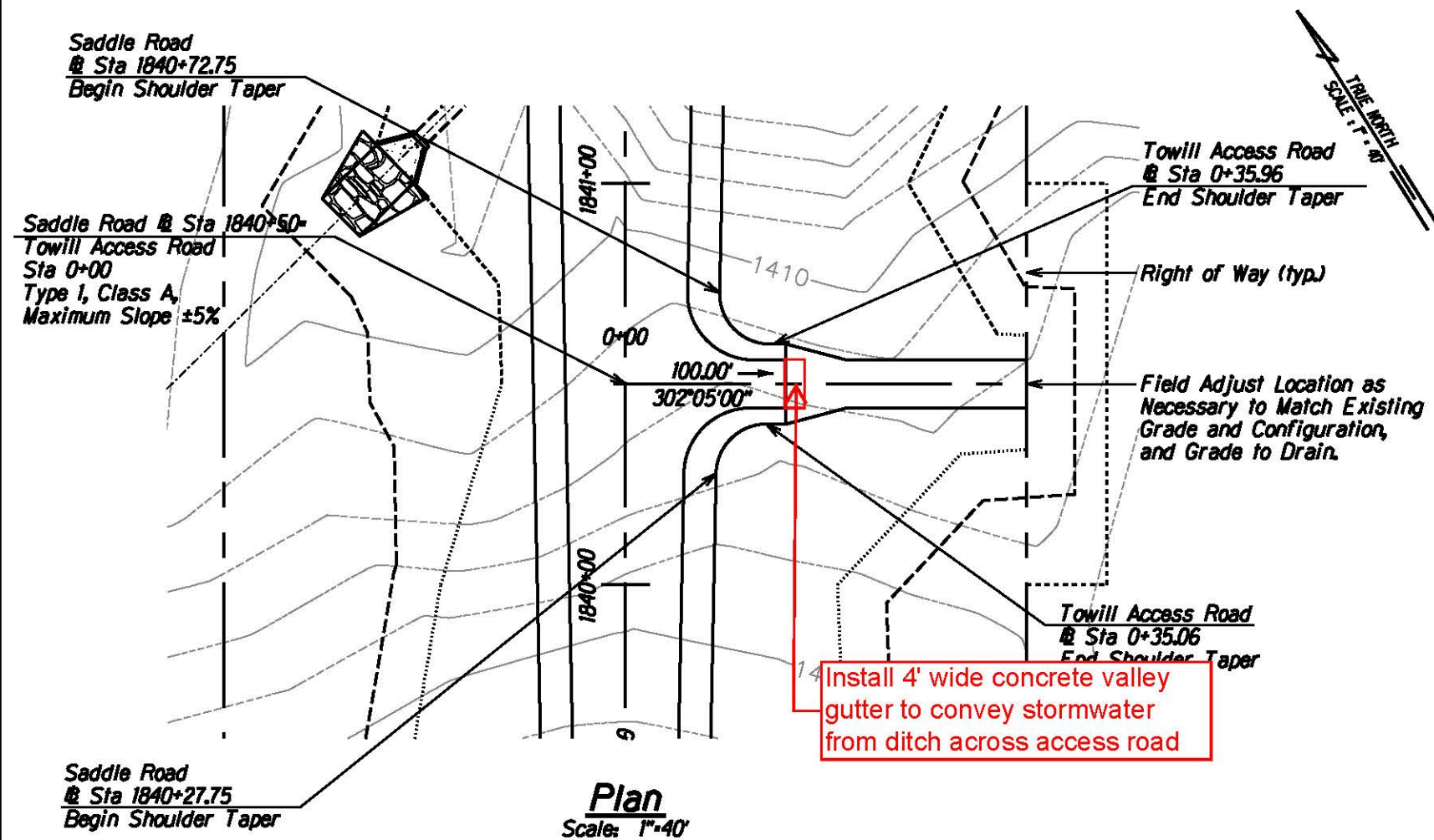
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

**ARRUDA
ACCESS ROAD
@ STA 1835+50**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	E27	E27



BRUCE E. MEYERS
Licensed Professional Engineer
No. 8336-C
HAWAII, U.S.A.

The work was prepared by me or under my supervision and construction of this project will be under my observation.
Bruce E. Meyers
Expiration Date of License 2018.

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

**TOWILL
ACCESS ROAD
@ STA 1840+50**

Scale: As Noted Date: August 21, 2015

SHEET No. 1 OF 1