

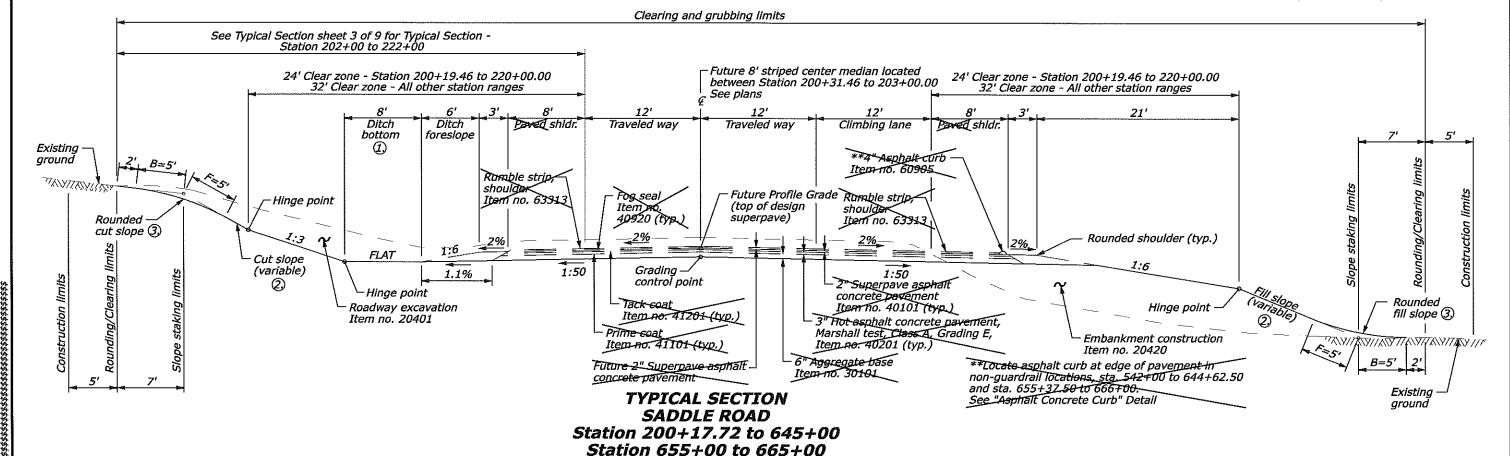
TATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(6)	A7	A18

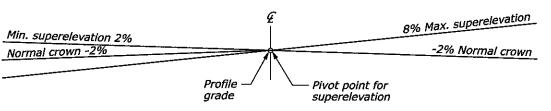
SLOPE RATIO TABLE		
Slope	Cut Slope Ht.	Fill Slope Ht.
1:6	0' - 2'	0' - 1'
1:4	2' - 6'	1' - 4'
1:3	6' - 12'	4' - 8'
1:2	12' - 16'	8' - Over
1:1.5	16' - Over	N/A

For cut slopes of 1:1.5, slope material is anticipated to be basalt rock or clinker materials.

NOTE:

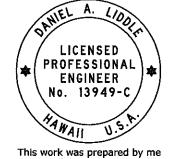
- (1) The gradient and width of roadway ditches and the excavation and embankment slope ratios may be adjusted by the CO to assure adequate drainage and stability.
- 2) See slope ratio table for cut and fill slope ratios.
- 3 Round all earth slopes and all rippable rock slopes. Reduce the B and F dimensions for cut slope distances less than 9 feet to the actual cut distance.
- Place 3" hot asphalt concrete pavement, Marshall test in one lift. Place 2" Superpave asphalt concrete pavement in one lift.
- Apply fog seal to top of superpave asphalt concrete pavement finished surface and rumble strip.
- 6. See section 204 of the SCR's for finished slope requirements.
- 7. See section 204 and 624 of the SCR's for the placement of topsoil.





METHOD OF SUPERELEVATION ON CURVES

See plans for locations of curves and superelevations



or under my supervision

Dail S. Liddle

Expiration Date of License 4/30/2012 NO SCALE

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CENTRAL FEDERAL LANDS HIGHWAY DIVISION

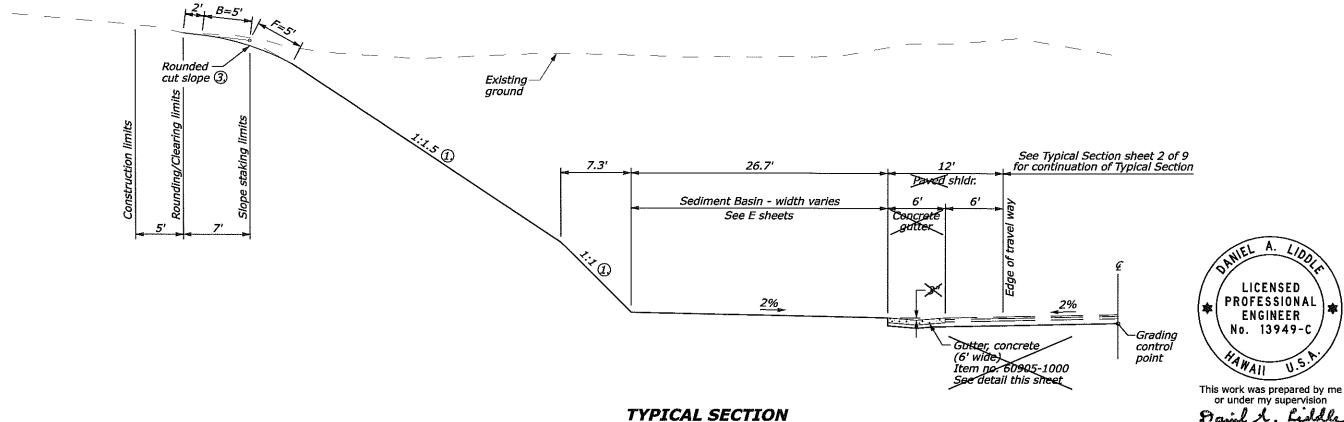
TYPICAL SECTIONS

SHEET 2 of 9

	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
-	HI	HI A-AD 6(6)	A8	A18

NOTE:

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- Place 3" not asphalt concrete pavement, Marshall test in one lift. Place 2" Superpave asphalt concrete pavement in one lift.
- Apply fog seal to top of superpave asphalt concrete pavement finished surface and rumble strip.
- 6. See section 204 of the SCR's for finished slope requirements.
- 7. See section 204 and 624 of the SCR's for the placement of topsoil.



TYPICAL SECTION
SADDLE ROAD
Station 202+00 to 222+00

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TYPICAL SECTIONS

SHEET 3 of 9

NO SCALE

\$\$\$\$DATE\$\$\$\$ \$TIME\$

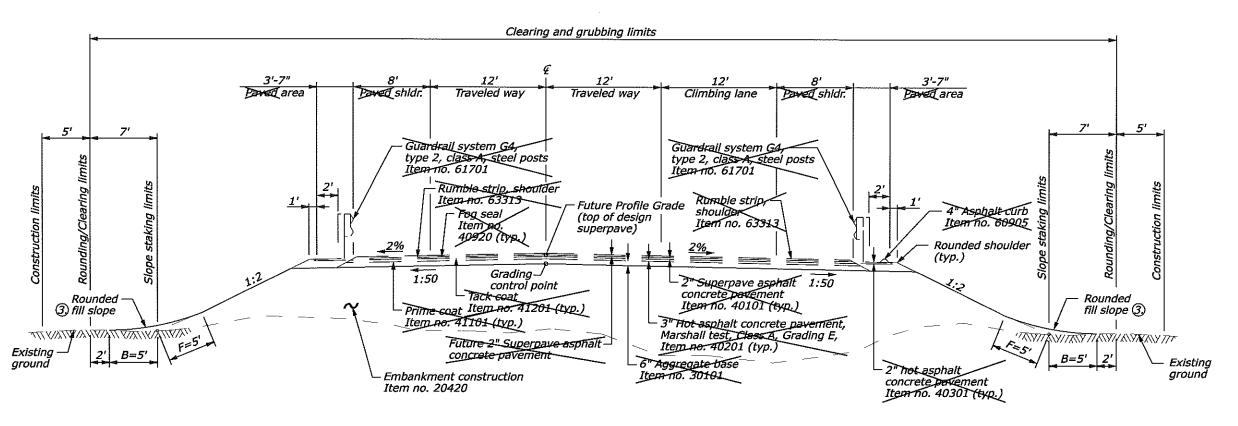
STATE	PROJECT	SHEET NO.	TOTAL SHEETS	
HI	HI A-AD 6(6)	Α9	A18	

SLOPE RATIO TABLE		
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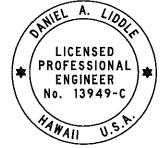
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- (2) See slope ratio table for cut and fill slope ratios.
- ③ Round all earth slopes and all rippable rock slopes. Reduce the B and F dimensions for cut slope distances less than 9 feet to the actual cut distance.
- 4. Place 3" hot asphalt concrete pavement, Marshall test in one lift. Place 2" Superpave asphalt concrete pavement in one lift.
- 5. Apply fog seal to top of superpave asphalt concrete pavement finished surface
- 6. See section 204 of the SCR's for finished slope requirements.
- 7. See section 204 and 624 of the SCR's for the placement of topsoil.



TYPICAL SECTION SADDLE ROAD Station 645+00 to 655+00



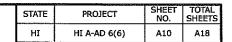
This work was prepared by me or under my supervision

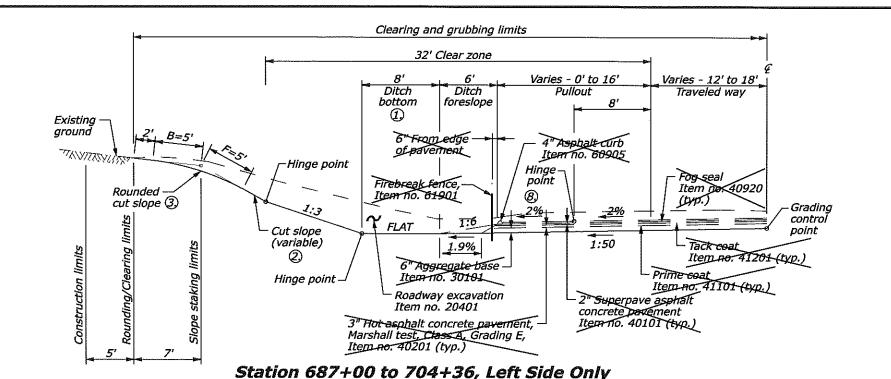
David A. Liddle Expiration Date of License 4/30/2012

SHEET 4 of 9 NO SCALE

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

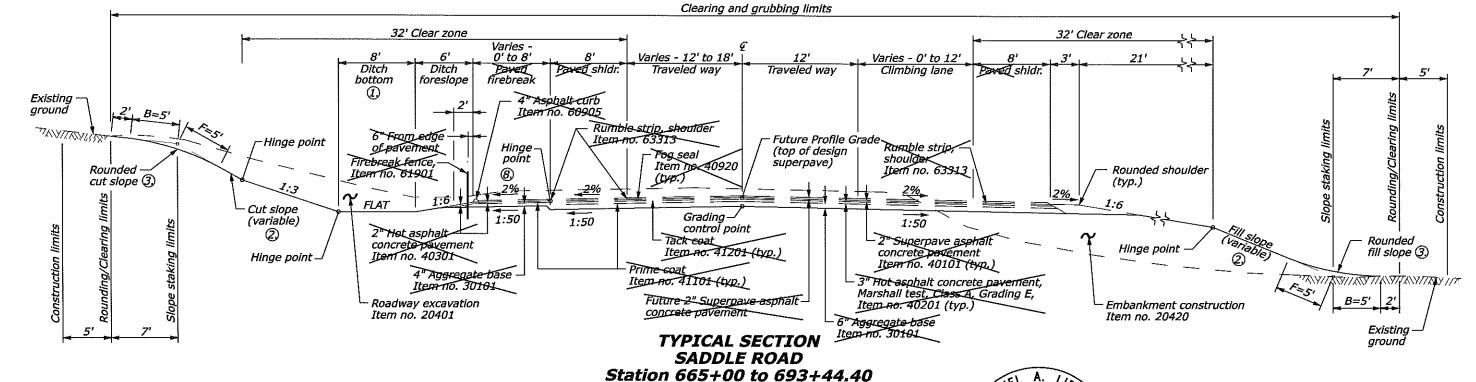
TYPICAL SECTIONS





NOTE:

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- Apply fog seal to top of superpave asphalt concrete pavement finished surface and rumble strip.
- 6. See section 204 of the SCR's for finished slope requirements.
- 7. See section 204 and 624 of the SCR's for the placement of topsoil.
- (8) Maintain 2% cross-slope of paved firebreak with superelevated roadway location.



SLOPE RATIO TABLE

Slope Cut Slope Ht. Fill Slope Ht. 1:6 0' - 2' 0' - 1' 1:4 2' - 6' 1'-4' 1:3 6' - 12' 4' - 8' 12' - 16' 1:2 8' - Over 1:1.5 16' - Oveг

For cut slopes of 1:1.5, slope material is anticipated to be basalt rock or clinker materials.

LICENSED PROFESSIONAL ENGINEER No. 13949-C

This work was prepared by me or under my supervision

or under my supervision

Sail X. Liddle

Expiration Date of License 4/30/2012

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TYPICAL SECTIONS

SHEET 5 of 9

SLOPE RATIO TABLE		
Slope	Cut Slope Ht.	Fill Slope Ht.
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NOTE:

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STATE

PROJECT HI A-AD 6(6)

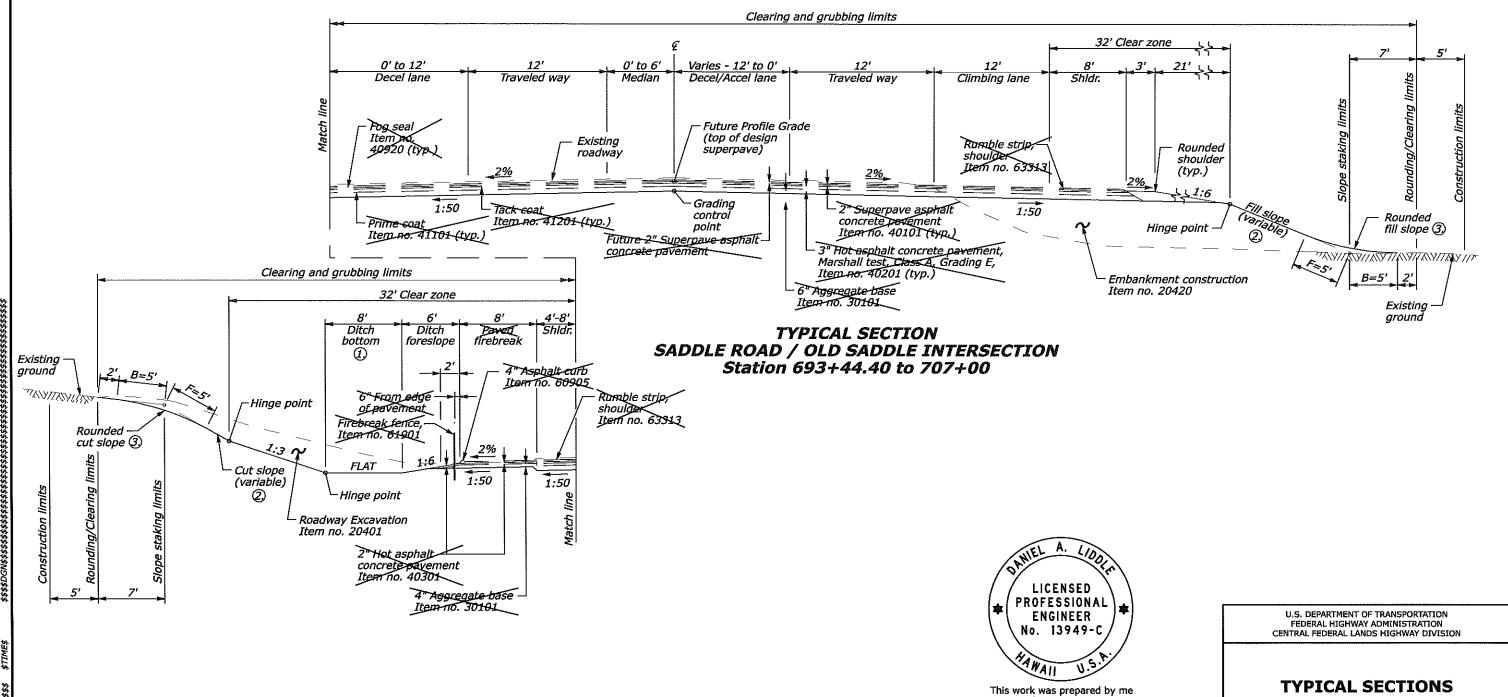
SHEET 6 of 9

SHEET TOTAL NO. SHEETS

A18

A11

- 2) See slope ratio table for cut and fill slope ratios.
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- 7. See section 204 and 624 of the SCR's for the placement of topsoil.



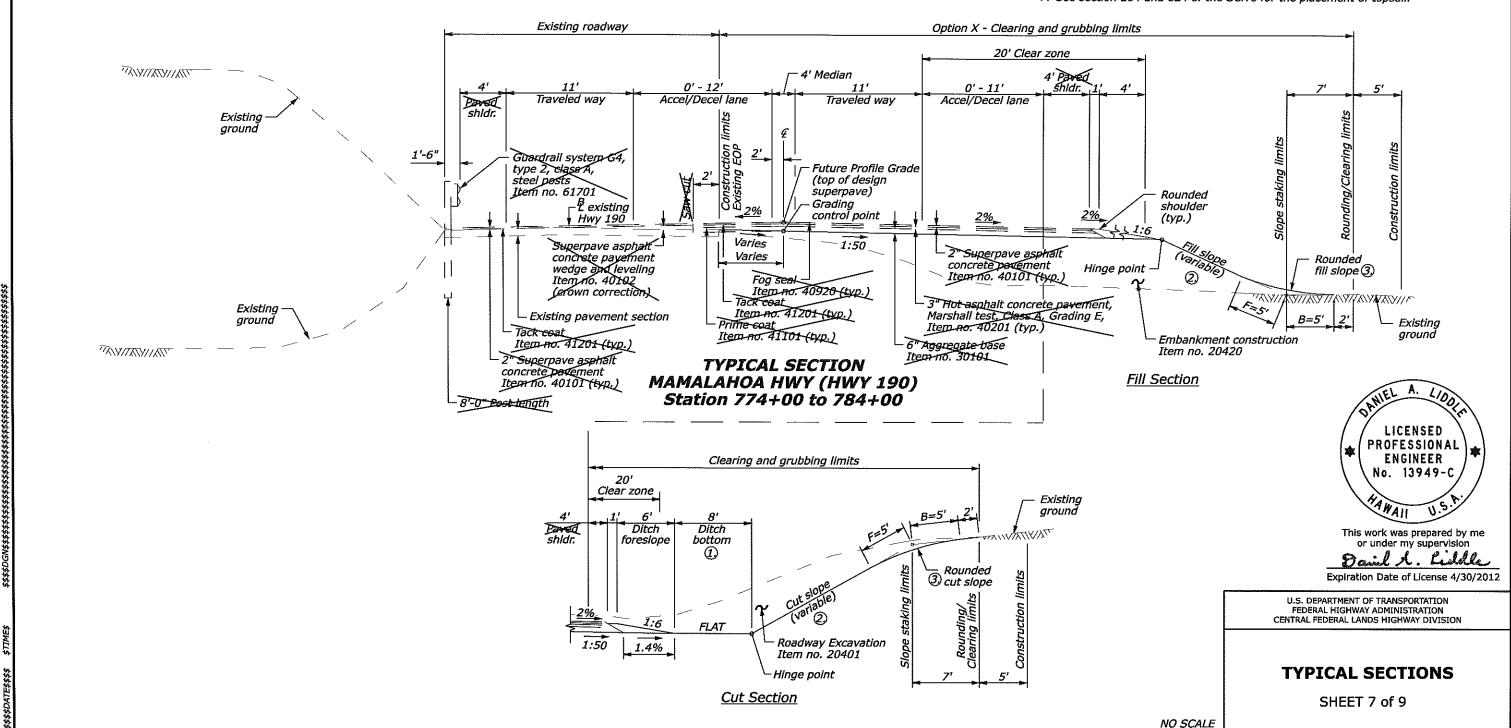
TATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(6)	A12	A18

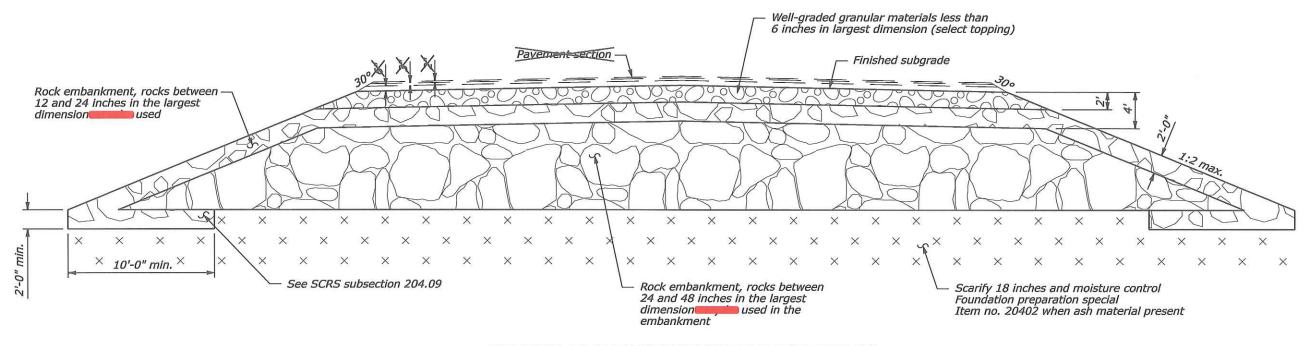
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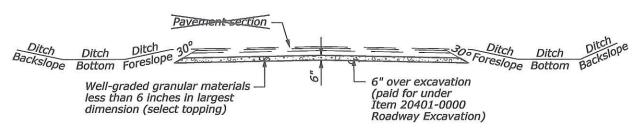
- (1) The gradient and width of roadway ditches and the excavation and embankment slope ratios may be adjusted by the CO to assure adequate drainage and stability.
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TYPICAL EMBANKMENT WITH ROCK DETAIL

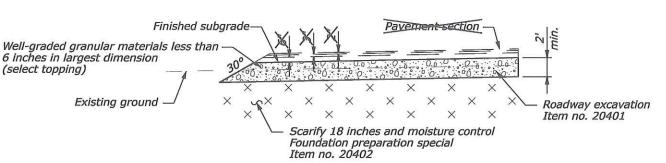
This detail is schematic, refer to typical sections on sheets A6 - A11 for the geometric configurations of embankments. All rock embankmenthas beenmeasured as Embankment Construction Item no. 20420



0.00

Over excavate 6" in all cut sections and backfill with well-graded granular material less than 6" in largest dimension (select topping).

TYPICAL CUT SECTION DETAIL



TYPICAL EMBANKMENT AND EXCAVATION IN ASH

In ash areas as directed by the CO excavate to 18 inches minimum depth below the aggregate base.

Measured as excavation and embankment construction.

NO SCALE



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Pail A. Liddle
Expiration Date of License 4/30/2012

TYPICAL SECTIONS

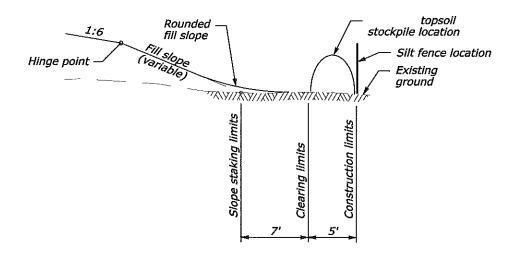
U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

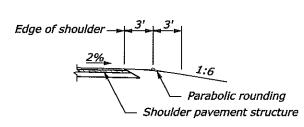
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

SHEET 8 of 9

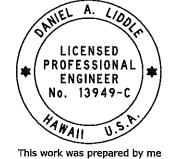
TOPSOIL STOCKPILE LOCATION IN CUT



TOPSOIL STOCKPILE LOCATION IN FILL



ROUNDED SHOULDER DETAIL



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Davil S. Liddle Expiration Date of License 4/30/2012 NO SCALE

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TYPICAL SECTIONS

SHEET 9 of 9