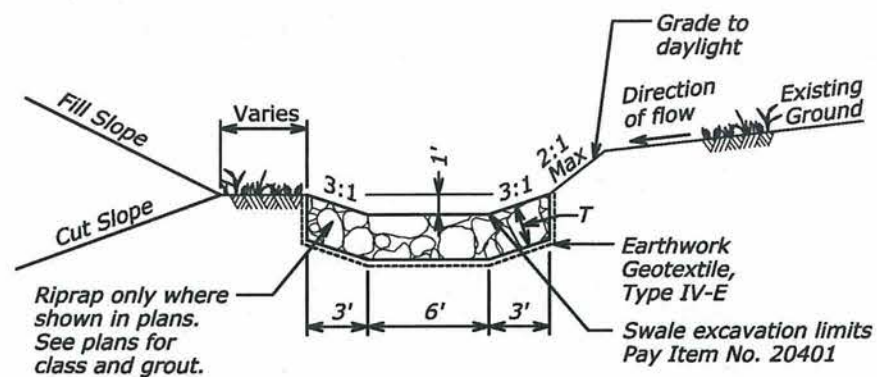
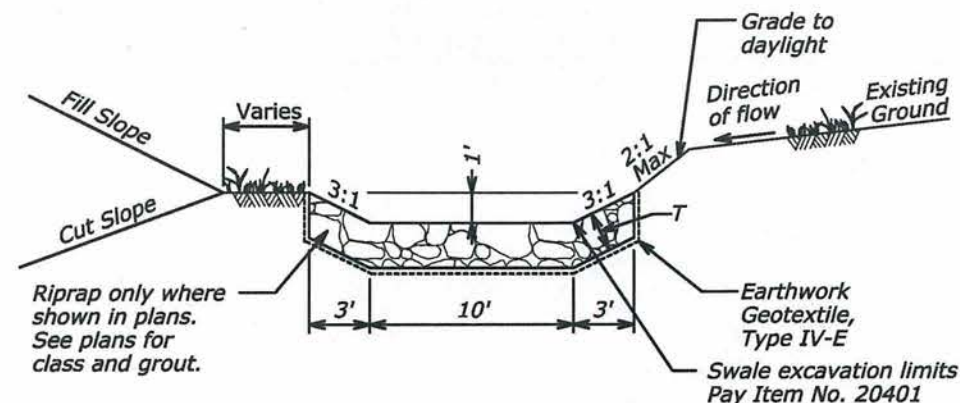


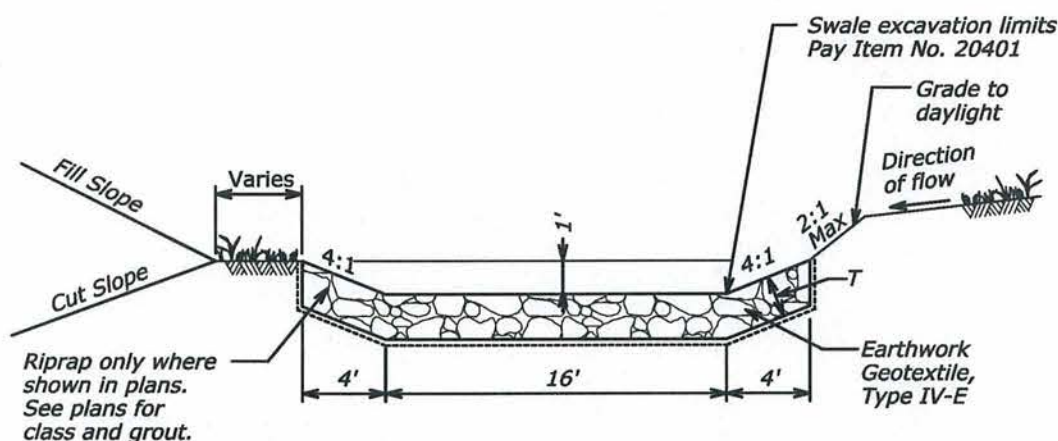
| STATE | PROJECT | SHEET NO. | TOTAL SHEETS |
|-------|--------------|-----------|--------------|
| HI | HI A-AD 6(7) | G8 | G25 |



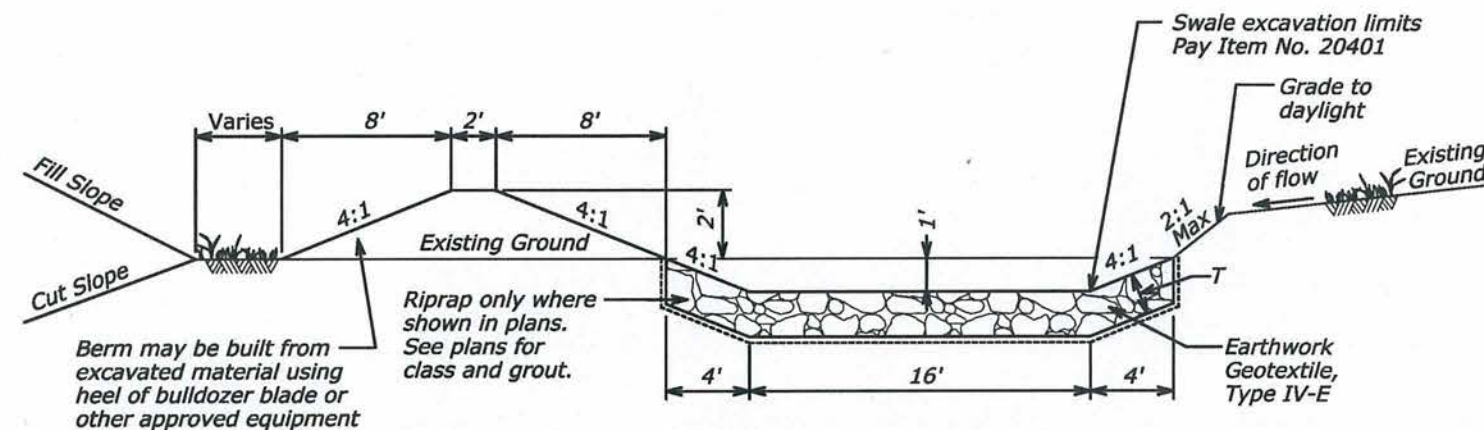
SWALE DETAIL - TYPE A



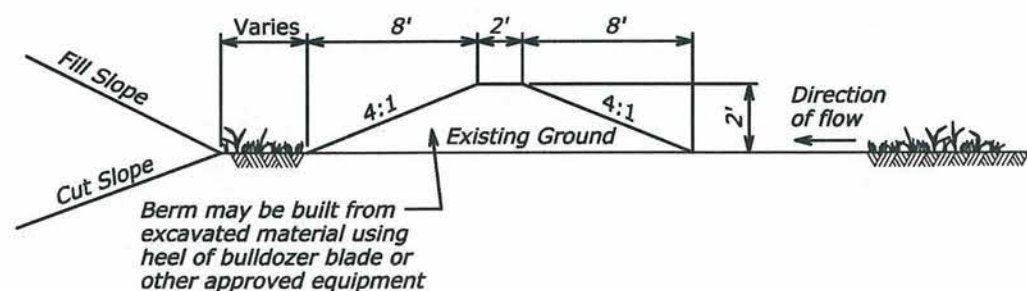
SWALE DETAIL - TYPE B



SWALE DETAIL - TYPE C



EARTH BERM AND SWALE DETAIL



EARTH BERM DETAIL

| PAY ITEM NO. | RIPRAP CLASS | T-THICKNESS (FT) |
|--------------|--------------|------------------|
| 25101-1000 | CLASS 1 | 1.0 |
| 25101-2000 | CLASS 2 | 1.5 |
| 25101-3000 | CLASS 3 | 2.0 |
| 25101-4000 | CLASS 4 | 2.5 |

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:

Youn Han 1/2/14
Signature Date



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
NO SCALE *Wendy G. McLain* 4/30/2012
SIGNATURE EXPIRATION DATE OF THE LICENSE

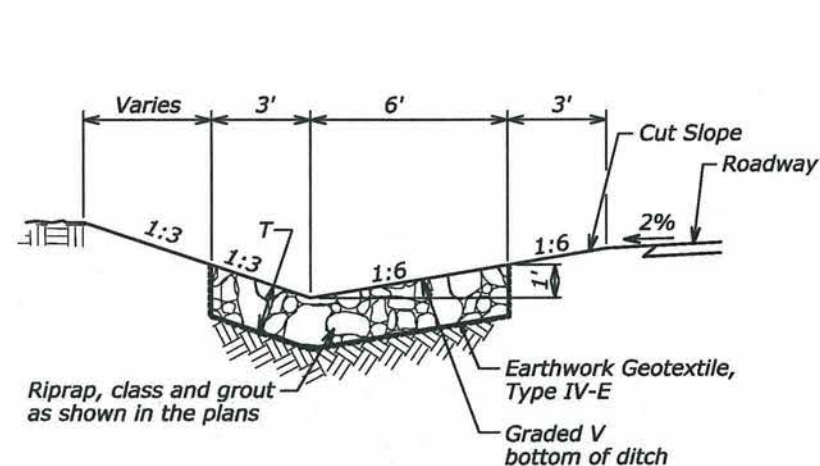
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

U.S. CUSTOMARY SPECIAL

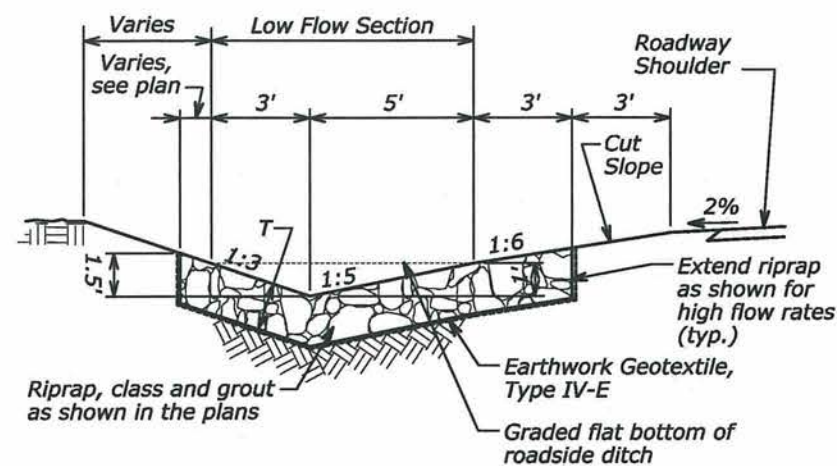
**EARTH BERM
AND SWALE
DETAILS**

SPECIAL
251-A

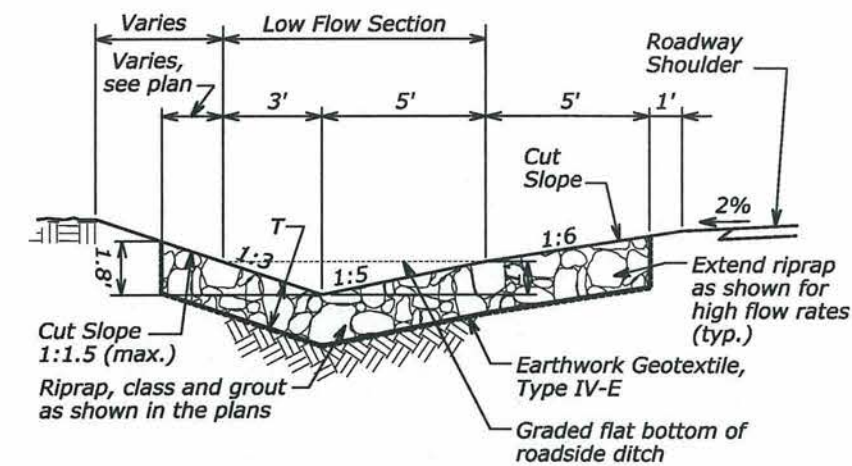
| STATE | PROJECT | SHEET NO. | TOTAL SHEETS |
|-------|--------------|-----------|--------------|
| HI | HI A-AD 6(7) | G9 | G25 |



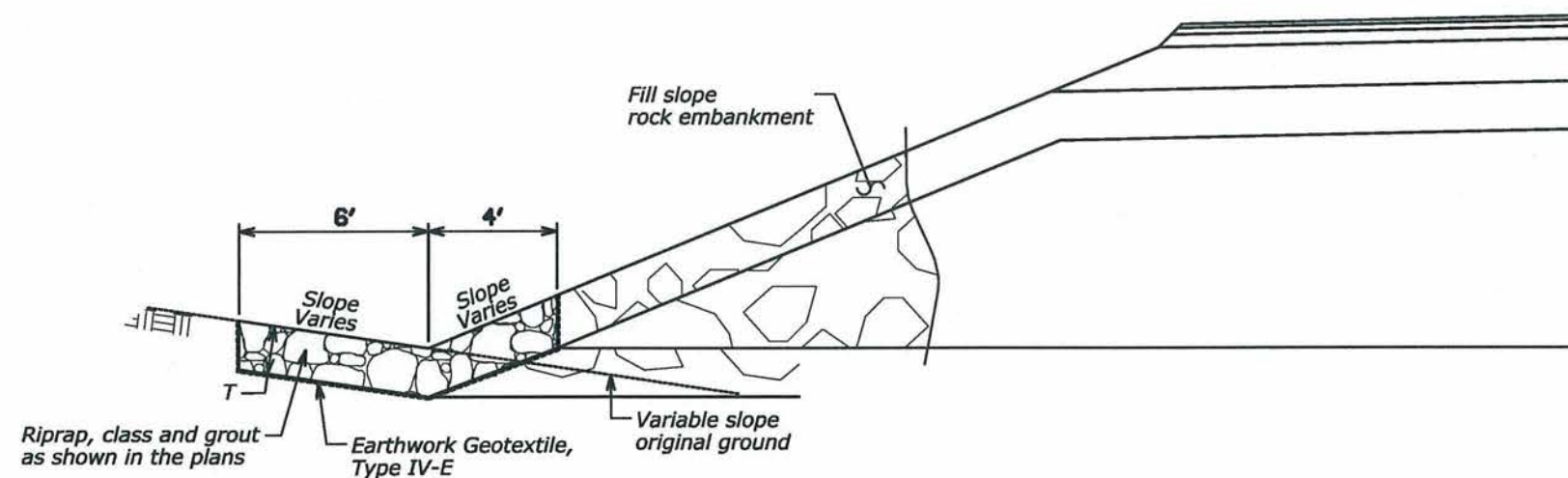
Riprap in Roadside Ditch Section
Type A
(Lightning Trail)



Riprap in Roadside Ditch Section
Type B



Riprap in Roadside Ditch Section
Type C



Toe Protection Section

| PAY ITEM NO. | RIPRAP CLASS | T-THICKNESS (FT) |
|--------------|--------------|------------------|
| 25101-1000 | CLASS 1 | 1.0 |
| 25101-2000 | CLASS 2 | 1.5 |
| 25101-3000 | CLASS 3 | 2.0 |
| 25101-4000 | CLASS 4 | 2.5 |

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:

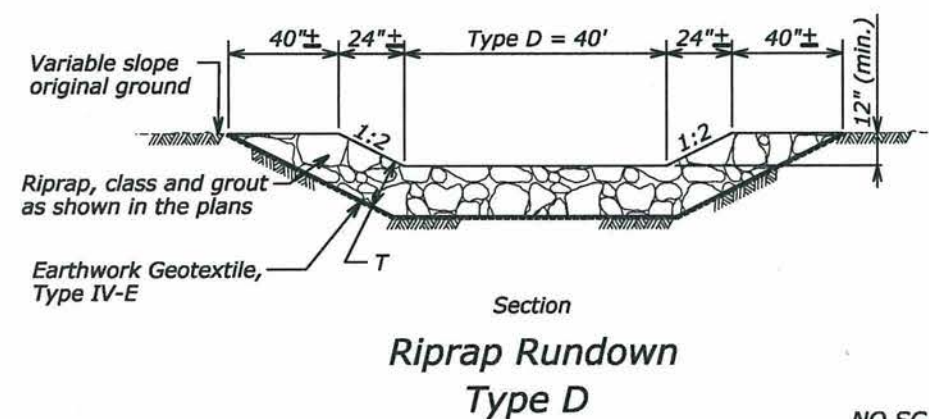
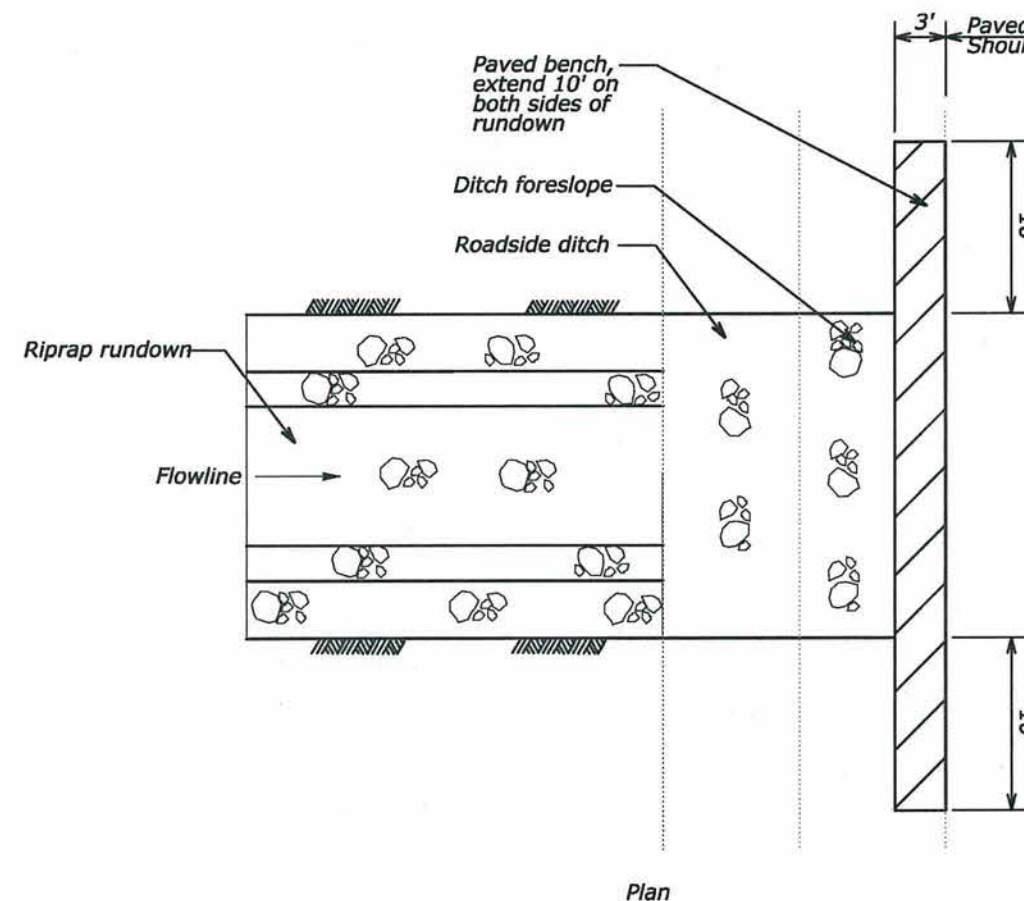
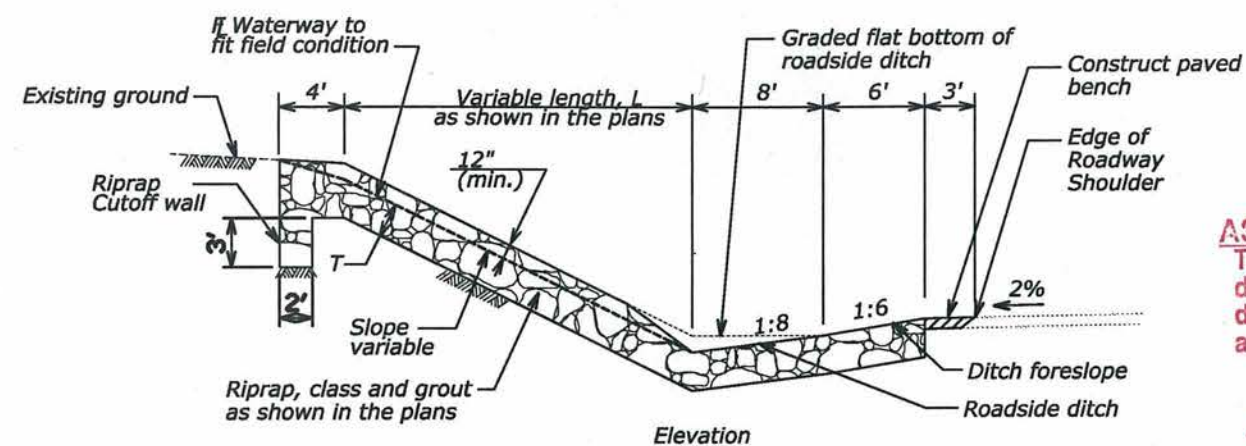
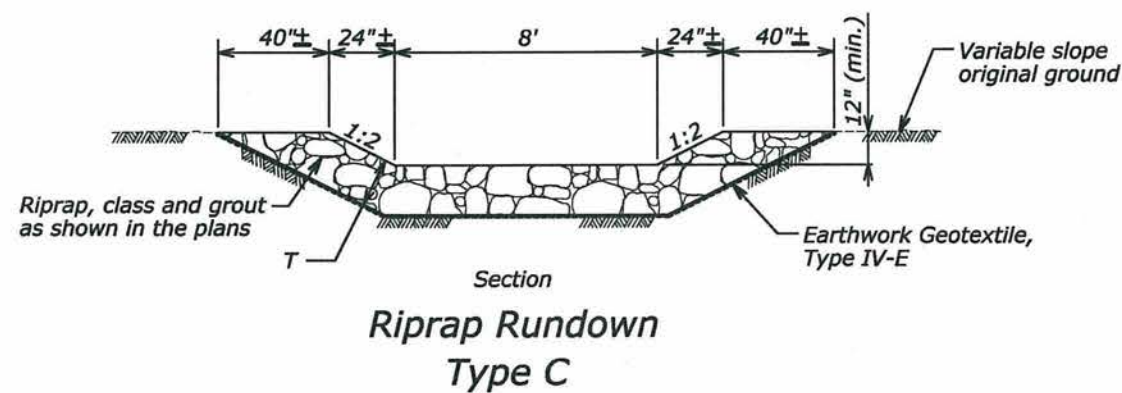
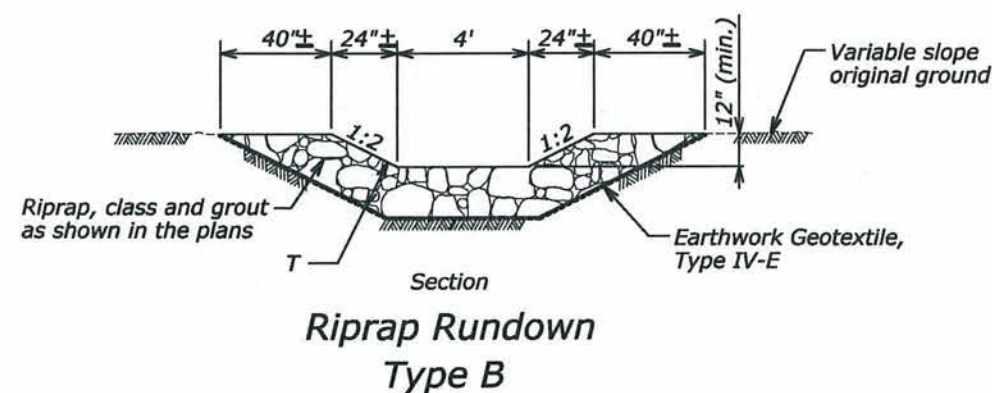
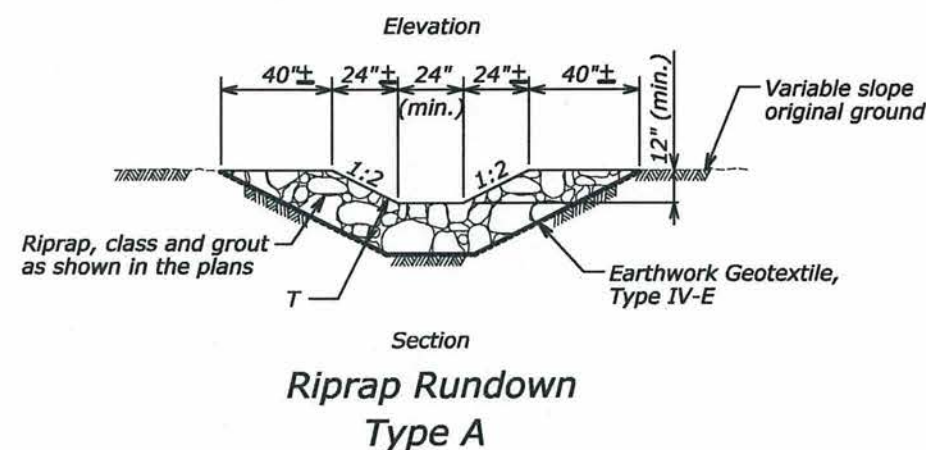
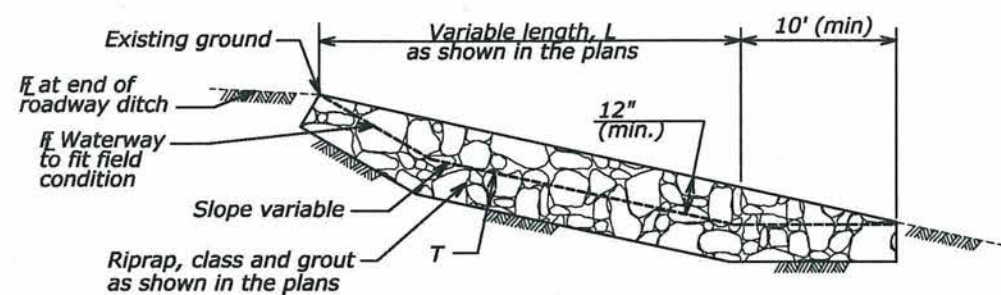
[Signature] *[Date]*
Signature Date



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[Signature] 4/30/2012
NO SCALE SIGNATURE EXPIRATION DATE OF THE LICENSE

| |
|---|
| U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION |
| U.S. CUSTOMARY SPECIAL RIPRAP IN ROADSIDE DITCH AND TOE PROTECTION |
| SPECIAL 251-B |

| STATE | PROJECT | SHEET NO. | TOTAL SHEETS |
|-------|--------------|-----------|--------------|
| HI | HI A-AD 6(7) | G10 | G25 |



AS-BUILT DRAWINGS/SPECIFICATIONS
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GOODFELLOW BROS., INC.
Contractor's Name:

Signature: *[Signature]* Date: 1/2/14



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Signature: *[Signature]* 4/30/2012
EXPIRATION DATE OF THE LICENSE

| PAY ITEM NO. | RIPRAP CLASS | T-THICKNESS (FT) |
|--------------|--------------|------------------|
| 25101-1000 | CLASS 1 | 1.0 |
| 25101-2000 | CLASS 2 | 1.5 |
| 25101-3000 | CLASS 3 | 2.0 |
| 25101-4000 | CLASS 4 | 2.5 |

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

U.S. CUSTOMARY SPECIAL

RIPRAP RUNDOWN

SPECIAL
251-C

NO SCALE