INDEX TO SHEETS

SHEET No.	DESCRIPTION
1	Title Sheet
2	Plan View
3	Profile and Cross Sections
4	Grade Control Weir
5	Channel Simulation

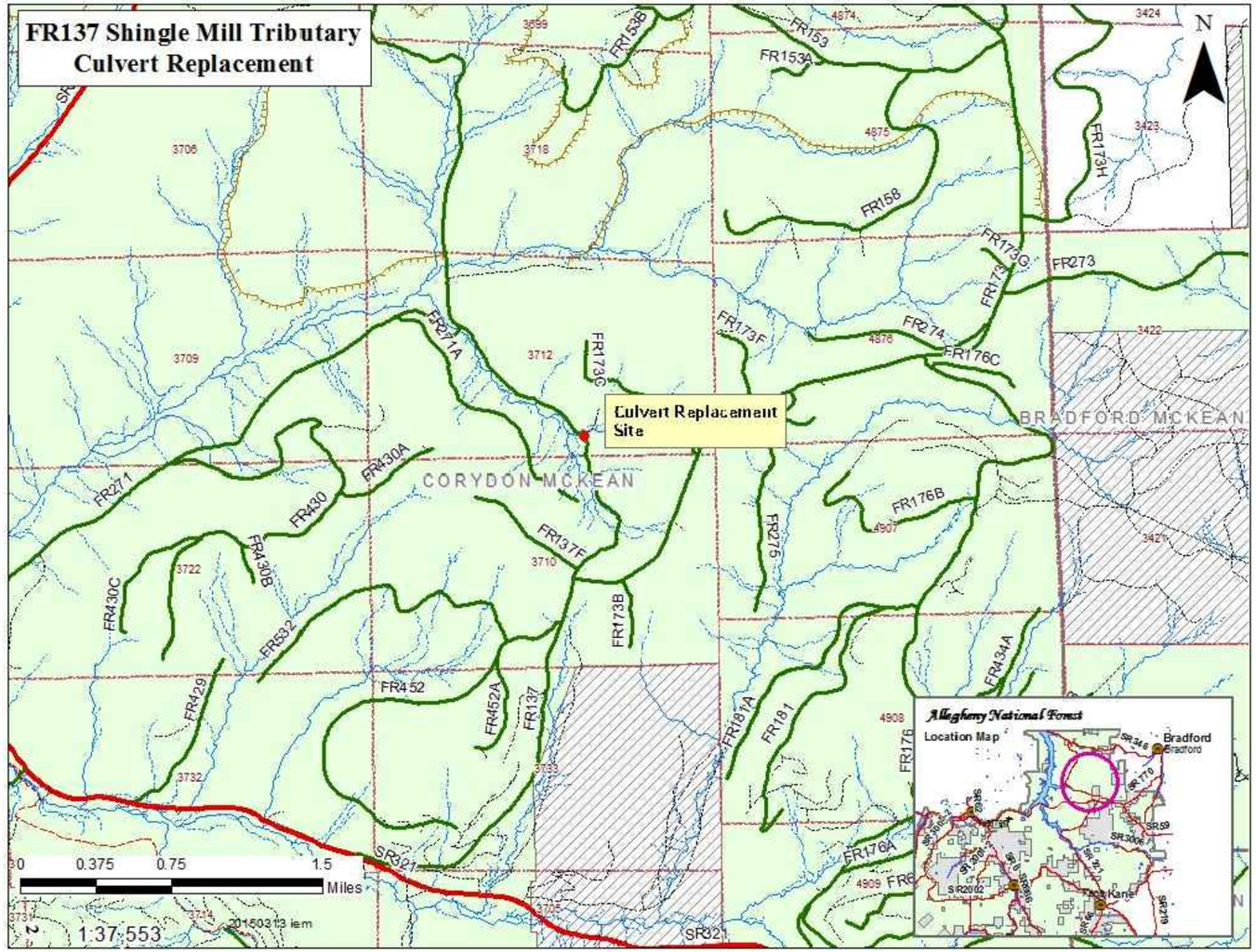
STATE VICINITY MAP
(NTS)

PA One Call System Inc.

1-800-242-1776

OR 811

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



General Notes

Culvert Coordinates:
LAT: 41° 54' 29.63"N
LONG: 78° 49' 31.66"W

Note: Centerline of Road station at existing culvert is 159+45. The stationing starts at 0+00 at the intersection of FR 137 and SR. 321.

No.	Revision/Issue	Date
4	REVISION4	--
3	REVISION3	--
2	REVISION2	--
1	REVISION1	7/13/15

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Allegheny National Forest
R9 - EASTERN REGION

Project Description
ALLEGHENY NATIONAL FOREST
Bradford Ranger District
Shingle Mill Tributary

Project Location
FR 137 (Sta. 159+45)
McKean County

Drawing Title
Title Sheet

Drawn C. Meenach	Project
Checked	Drawing No.
CAD File No. FR137 Culvert	
Date 7/6/15	
Scale As Shown	Sheet 1 of 5

N

LEGEND

CENTERLINE
AREA OF DISTURBANCE
ROCK PLACEMENT
TEMPORARY BENCHMARKS TBM1

0 10 20 40 80

General Notes

Culvert Coordinates:
LAT: 41° 54' 29.63"N
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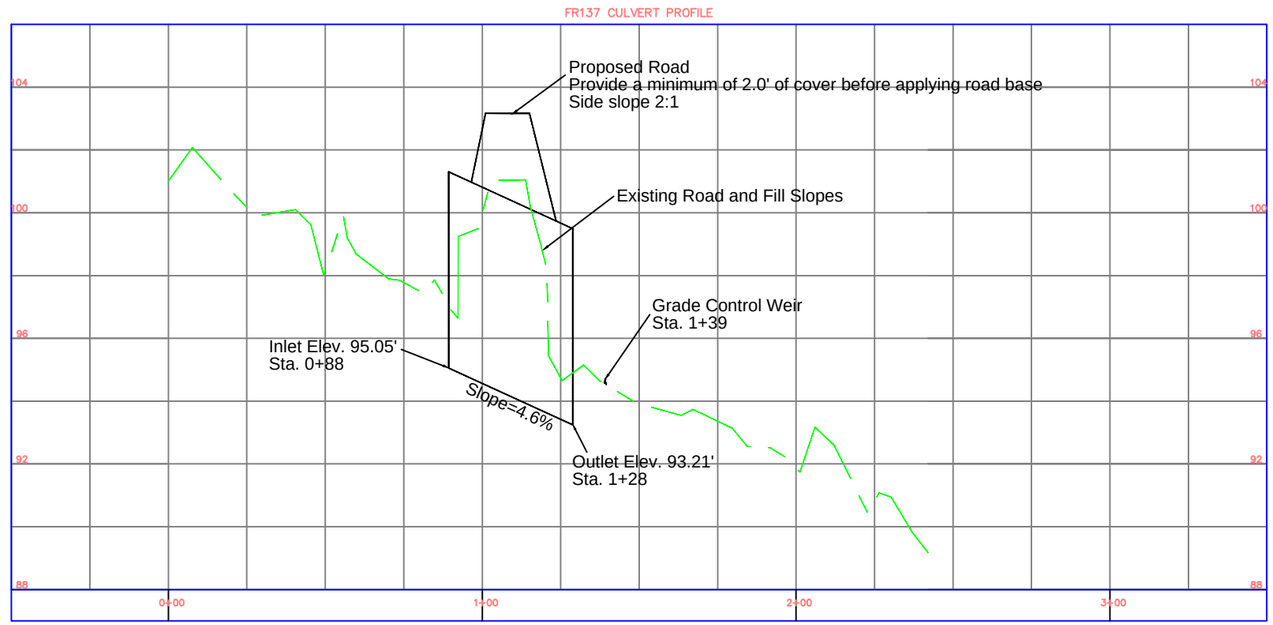
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Allegheny National Forest
R9 - EASTERN REGION

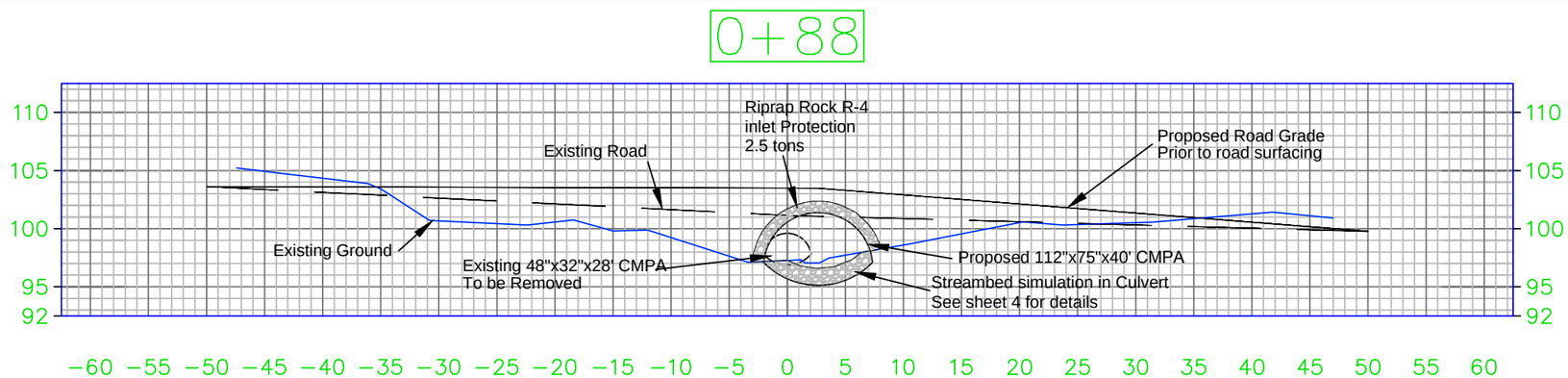
Project Description
ALLEGHENY NATIONAL FOREST
Bradford Ranger District
Shingle Mill Tributary

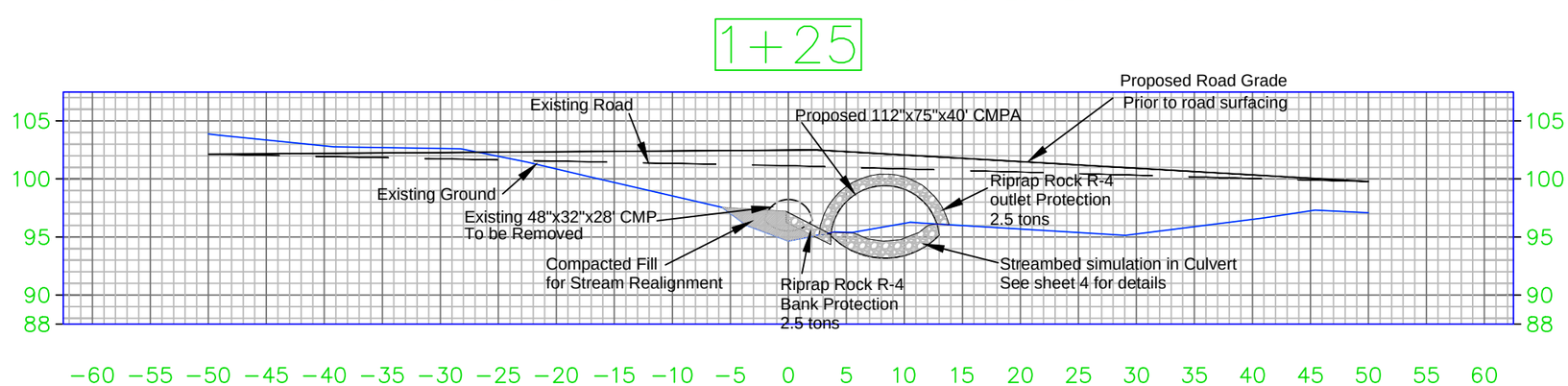
Project Location
FR 137 (Sta. 159+45)
McKean County

Drawing Title
Plan View

Drawn C. Meenach	Project --
Checked --	Drawing No.
CAD File No. FR137 Culvert	
Date 7/6/15	
Scale 1"=20'	Sheet 2 of 5







General Notes

No.	Revision/Issue	Date
4	REVISION4	--
3	REVISION3	--
2	REVISION2	--
1	REVISION1	--

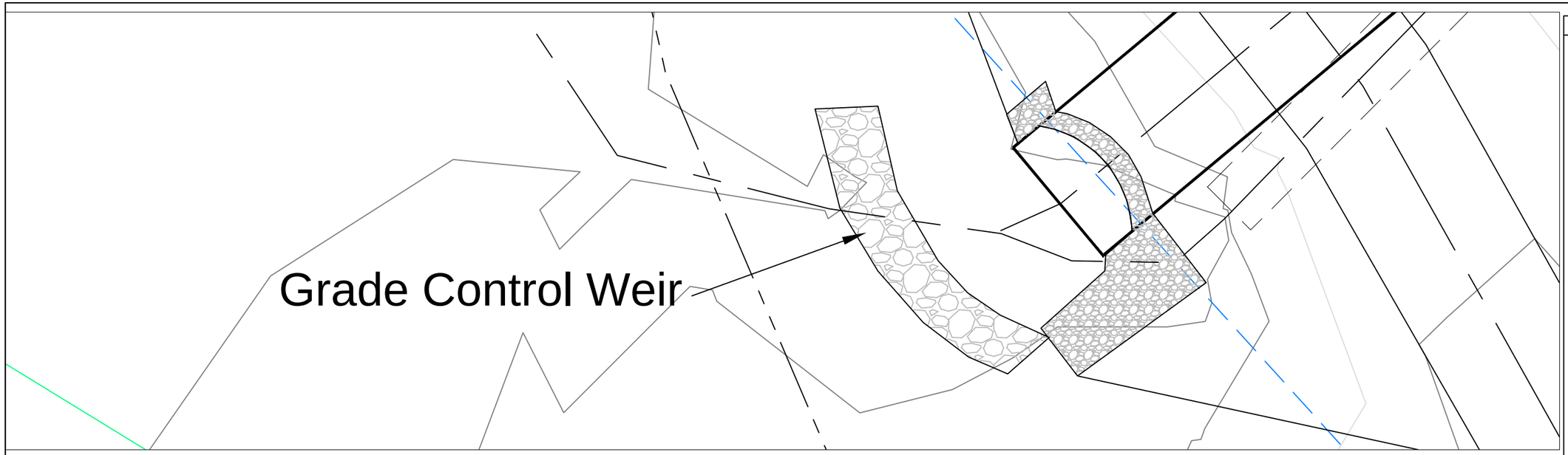
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Allegheny National Forest
R9 - EASTERN REGION

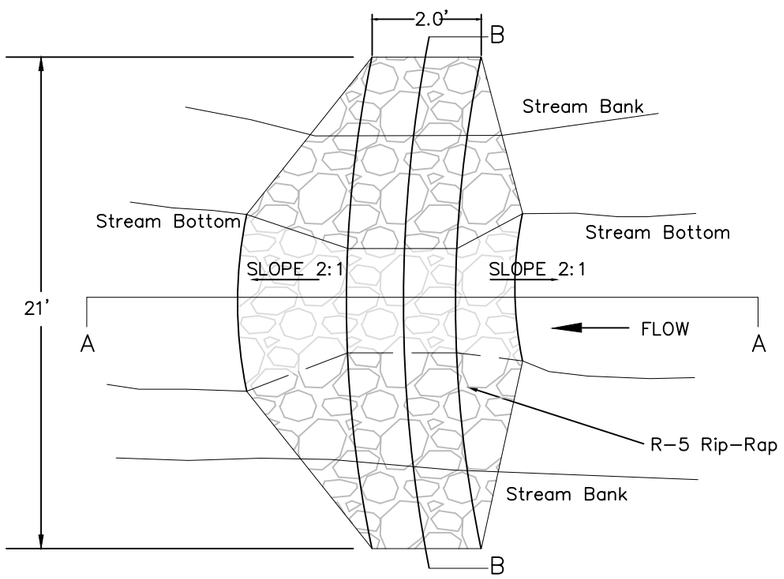
Project Description
ALLEGHENY NATIONAL FOREST
Bradford Ranger District
Shingle Mill Tributary

Project Location
FR 137 (Sta. 159+45)
McKean County

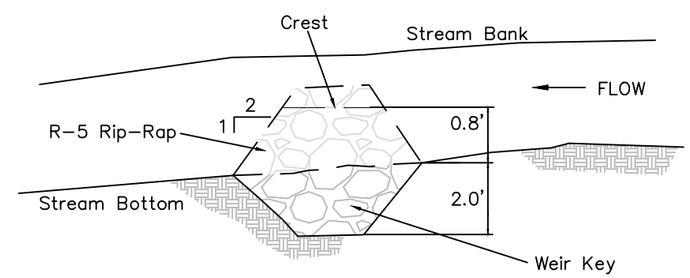
Drawing Title
Profile and Cross sections

Drawn C. Meenach	Project
Checked	Drawing No.
CAD File No. FR137 Culvert	
Date 7/6/15	
Scale As Shown	Sheet 3 of 5

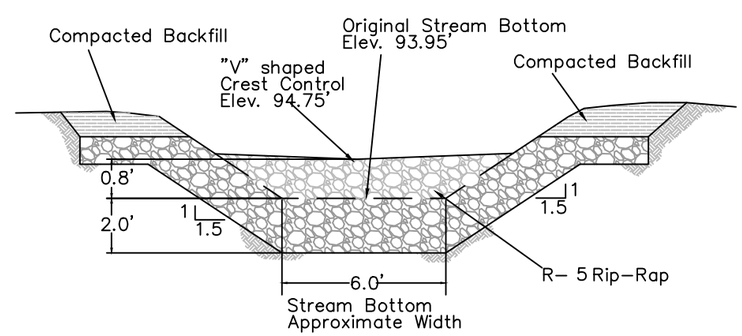




PLANVIEW



SECTION A-A



General Notes

Estimated Quantities:
R-5 Rip-Rap = 23 Ton

No.	Revision/Issue	Date
4	REVISION4	--
3	REVISION3	--
2	REVISION2	--
1	REVISION1	--

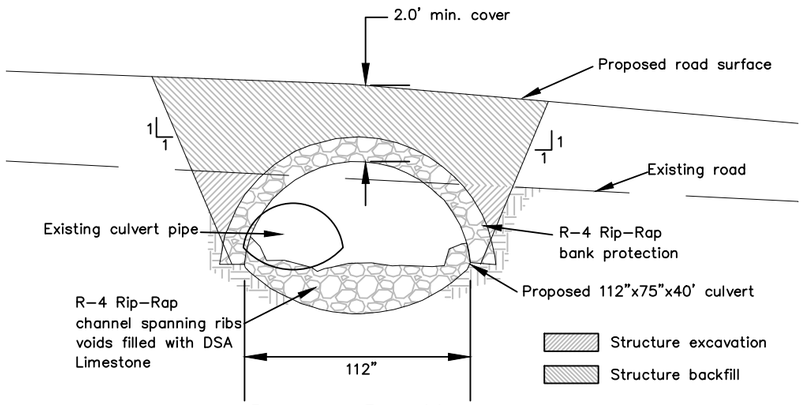
U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Allegheny National Forest
R9 - EASTERN REGION

Project Description
ALLEGHENY NATIONAL FOREST
Bradford Ranger District
Shingle Mill Tributary

Project Location
FR 137 (Sta. 159+45)
McKean County

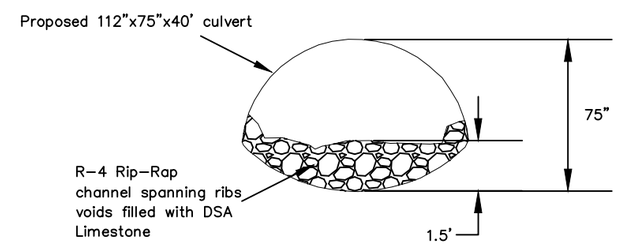
Drawing Title
Grade Control Weir

Drawn C. Meenach	Project
Checked	Drawing No.
CAD File No. FR137 Culvert	
Date 7/6/15	
Scale Not to Scale	Sheet 4 of 5

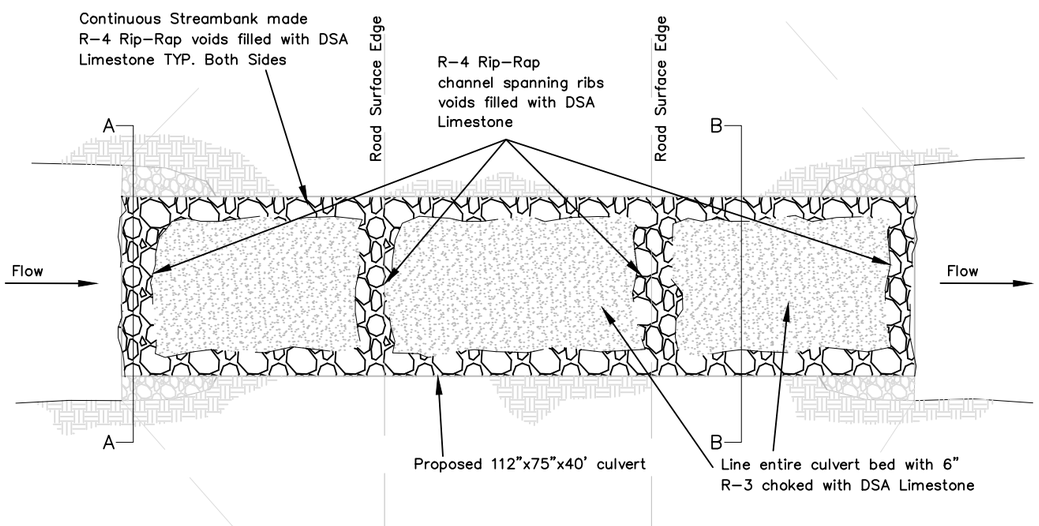


Cross Section

Through Road Profile
Not To Scale

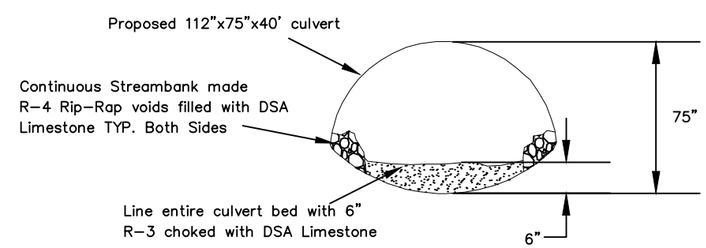


Section A–A



Plan View

Not To Scale



Section B–B

General Notes

Estimated Quantities:
R-4 Rip-Rap = 14 Ton
R-3 Rip-Rap = 13 Ton
DSA = 5 Ton

No.	Revision/Issue	Date
4	REVISION4	--
3	REVISION3	--
2	REVISION2	--
1	REVISION1	--

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Allegheny National Forest
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Bradford Ranger District
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Project Location
FR 137 (Sta. 159+45)
McKean County

Drawing Title
Channel Simulation

Drawn C. Meenach	Project
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CAD File No. FR137 Culvert	
Date 7/6/15	
Scale not to scale	Sheet 5 of 5