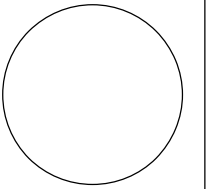


CONSULTANT:



IOWA DEPARTMENT OF NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING
502 E. 9TH ST., DES MOINES, IA 50319-0034

TYPICAL CROSS SECTIONS AND DETAILS

RIP RAP FOR:
KOSZTA ACCESS WMA

IOWA COUNTY

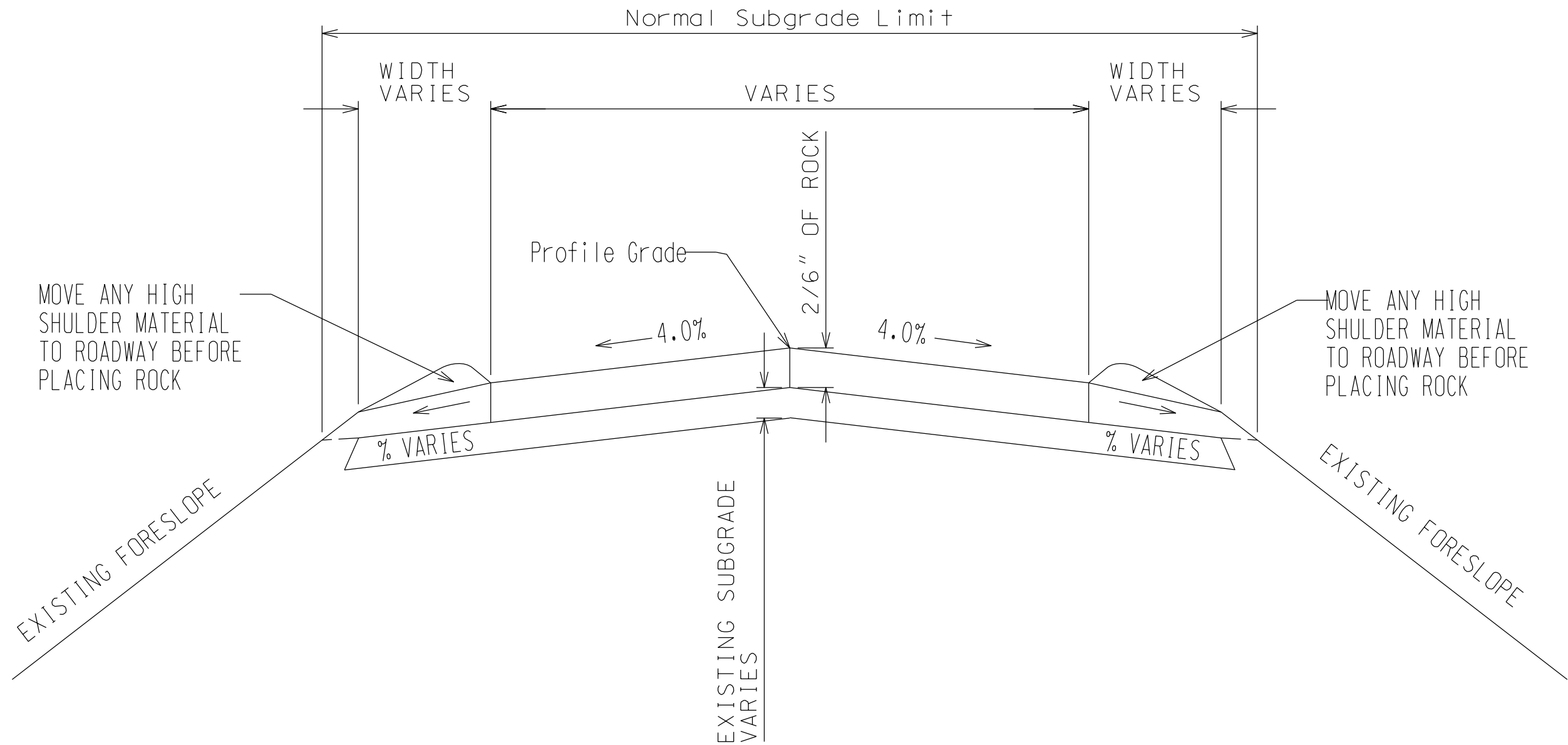
NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:
BLF 17-06-48-01

CHK'D BY: DATE:
NOV 2021

SHEET No:

B.01



Typical Roadway Section - Center Crown

Note:

Normal sections shown may be appropriately modified for areas specifically designated by the Engineer.

| STATION | TO STATION | LOCATION | WIDTH |
|---------|------------|-------------------|-------|
| 0+00 | 5+62 | ADJACENT TO RIVER | 12' |
| 100+00 | 101+05 | NEW LOOP | 12' |
| | | | |

← 2-INCHES OF 1-INCH
← 3-INCHES OF EACH

IOWA RIVER

KOSZTA
1 MILE

F AVENUE

5+62

5+00

0+00

Place revetment along river bank as per detail on sheet B.02

| | | | |
|-----------------------|------|-----------------------------------|------|
| Class 10, Channel | | Class E Revetment | |
| 0+00 | 5+62 | 0+00 | 5+62 |
| 926 CY | | 1125 TON | |
| Engineering Fabric | | Safety Closure | |
| 0+00 | 5+62 | 5+62 | 5+62 |
| 800 SY | | 1 EACH | |
| Blading & Shaping | | Seeding and fertilizing, Rural | |
| 0+00 | 5+62 | 0+00 | 5+62 |
| 5.6 STA | | 1 ACRE | |
| 1 - IN. Crushed Stone | | | |
| 0+00 | 5+62 | | |
| 88 TON | | | |



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SITE PLAN

RIP RAP FOR:
KOSZTA ACCESS WMA

IOWA COUNTY

| NO. | BY | DATE | REVISION |
|-----|----|------|----------|
| | | | |
| | | | |
| | | | |

DRAWN BY: BLF
PROJECT NUMBER: 17-06-48-01
CHKD BY: DATE: F4QV 2021

SHEET No:

D.01

