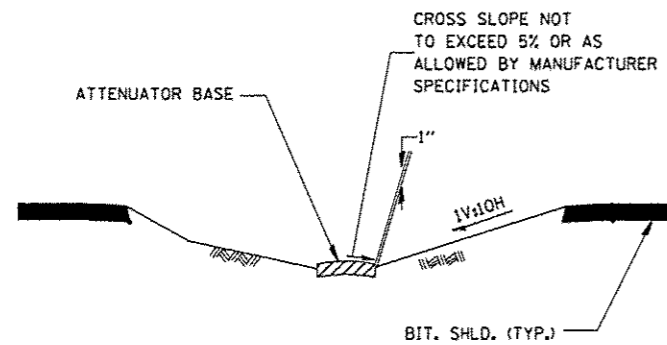


IMPACT ATTENUATOR LAYOUT AND GRADING PLAN

LOCATION 1
PROPOSED: I-180 NB
M.P. 1.1 STA. 116 + 55 ±



SECTION A - A
 SEE NOTES

NOTE:

ATTENUATOR BASE SHALL BE PER MANUFACTURER SPECIFICATIONS EXCEPT SAND MODULE SYSTEMS SHALL HAVE THE FOLLOWING ADDITIONAL REQUIREMENTS:

1. ATTENUATOR BASE SHALL PROVIDE A 1' BUFFER ALONG THE SIDES AND FRONT OF THE ARRAY.
2. SAND MODULE SYSTEMS SHALL BE PLACED ON A CONCRETE BASE
3. ALL EARTH EXCAVATION MATERIAL MUST BE DISTRIBUTED ON-SITE AT EACH LOCATION. THE CONTRACTOR IS NOT ALLOWED TO HAUL ANY MATERIAL AWAY.

GENERAL NOTES

1. THE 10:1 SLOPE CONTROLS NOSE OF ATTENUATOR BASE ELEVATION.
2. ATTENUATOR BASE GRADE PARALLELS EDGE OF PAVEMENT GRADE.
3. SLOPE ADJACENT TO ATTENUATOR BASE SHALL BE 10:1 OR FLATTER.
4. COST FOR ANY NECESSARY GRADING TO MEET THE SLOPE REQUIREMENTS SHALL BE INCLUDED IN THE COST OF THE INSTALLATION OF THE ATTENUATOR BASE
5. THIS DETAIL SHALL BE USED IN CONJUNCTION WITH STANDARD 643001-02

| | | | | | | | | | | | | | |
|--|---------------------------------|-------------------------|-----------|---|--|-------------------------|------|----------------|---------|----------------------------|-----------------|--------------|---|
| FILE NAME * c:\pwwork\pudot\patel\j\80369578\0346 | USER NAME * Patel, J | DESIGNED - YOGESH PATEL | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | LOCATION 2 IMPACT ATTENUATORS LAYOUT & GRADING PLAN | | | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| | 18-shc-details.dgn | DRAWN - YOGESH PATEL | REVISED - | | SCALE: | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. | 180 | D-3 OVD SIN STR REPL 14-50 | BUREAU | 24 | 7 |
| | PLOT SCALE * 250000.0000' / in. | CHECKED - RON WOODSHANK | REVISED - | | CONTRACT NO. 46316 | | | | | | | | |
| | PLOT DATE * 2/3/2014 | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | | |