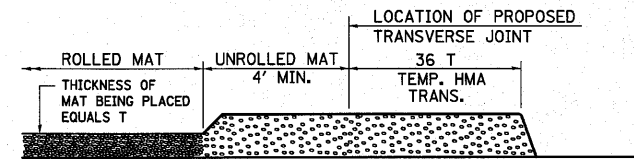
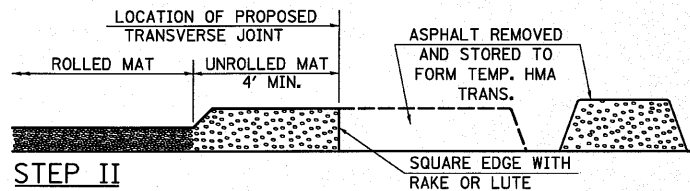


TEMPORARY HOT-MIX ASPHALT TRANSITIONS



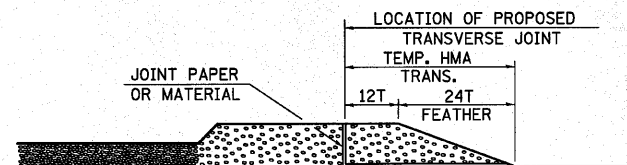
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES.
2. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



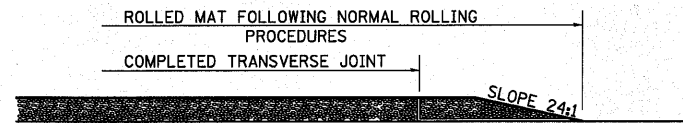
STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.

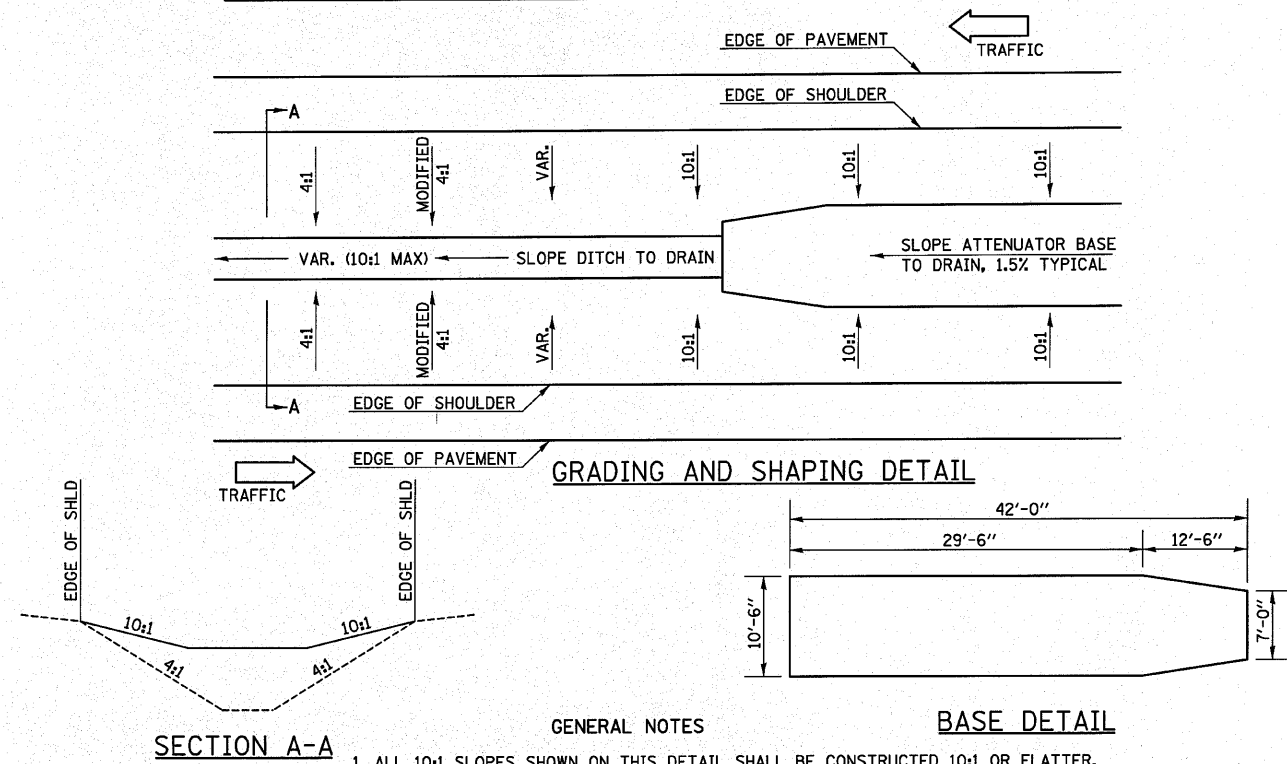


STEP IV

1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

STD. 9-26

SLOPES APPLICABLE TO IMPACT ATTENUATORS



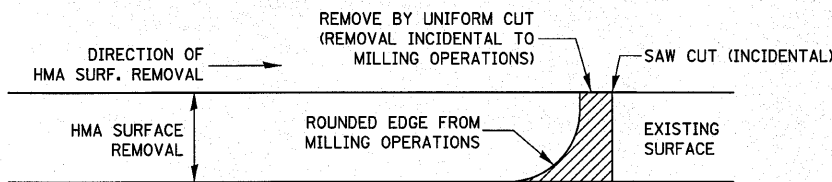
SECTION A-A

GENERAL NOTES

1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
2. THE MATERIAL FOR THE BASE SHALL BE CLASS SI CONCRETE. THE BASE SHALL BE POURED. THIS WILL BE INCLUDED IN THE COST OF IMPACT ATTENUATORS (FULLY REDIRECTIVE, WIDE), TEST LEVEL 3 (EACH).
3. THE EXISTING GROUND HAS A $\pm 4:1$ SLOPE AND STEEPER. THEREFORE THE PROPOSED 10:1 SLOPE WILL NEED FURNISHED EXCAVATION TO COMPLETE.

BASE DETAIL

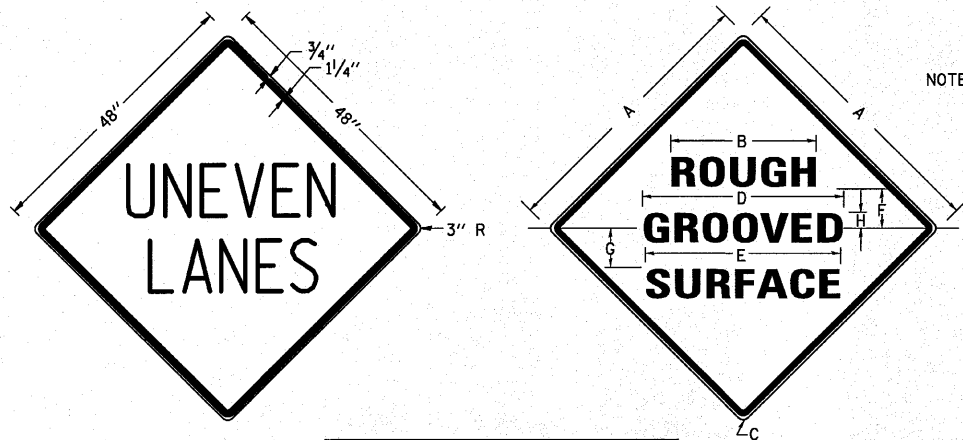
HMA SURFACE REMOVAL DETAIL AT TERMINI



NOTE:
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL.

UNEVEN LANES / ROUGH GROOVED SURFACE SIGNS

W8-11 (48" x 48") / W8-1106 (48" x 48")



COLORS:
LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE:
PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" / "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" / "ROUGH GROOVED PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

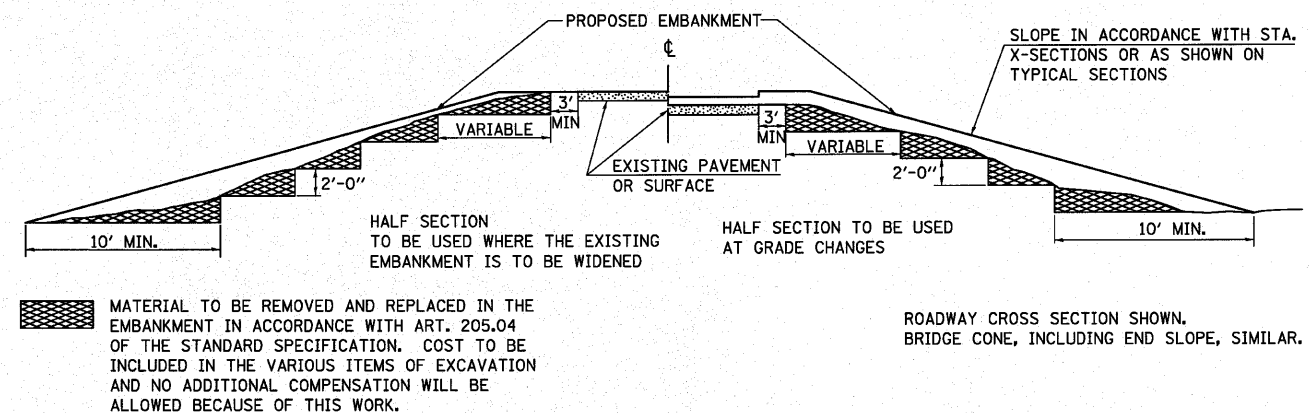
THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

| SIGN SIZE | SERIES LINES | | | MAR-GIN | BOR-DER | BLANK STD. |
|-----------|--------------|----|----|---------|---------|------------|
| | 1 | 2 | 3 | | | |
| 48X48 | 7C | 7C | 7C | 0.8 | 1.2 | B4-48D |

ALL DIMENSIONS IN INCHES

| SIGN SIZE | DIMENSIONS | | | | | | | |
|-----------|------------|------|-----|------|------|-----|------|-----|
| | A | B | C | D | E | F | G | H |
| 48X48 | 48.0 | 24.1 | 3.0 | 34.0 | 33.0 | 6.0 | 13.0 | 3.5 |

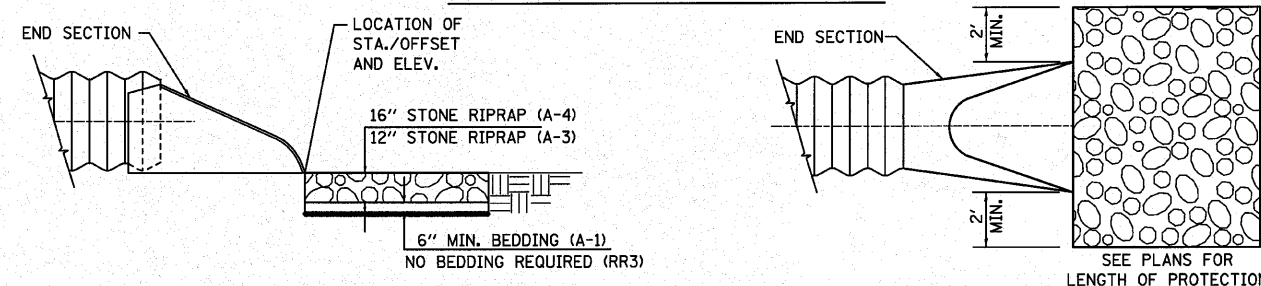
TYPICAL CROSS SECTION SHOWING STEP CONSTRUCTION ON EXISTING FILL



MATERIAL TO BE REMOVED AND REPLACED IN THE EMBANKMENT IN ACCORDANCE WITH ART. 205.04 OF THE STANDARD SPECIFICATION. COST TO BE INCLUDED IN THE VARIOUS ITEMS OF EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED BECAUSE OF THIS WORK.

ROADWAY CROSS SECTION SHOWN. BRIDGE CONE, INCLUDING END SLOPE, SIMILAR.

TYPICAL RIPRAP DETAIL



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS I-57 OVER UNION PACIFIC RAILROAD

| FILE NAME | USER NAME | DESIGNED | REVISED | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|-----------|----------|---------|-------------|--------------|----------|--------------|-----------|
| H:\NP\25065p2\Technical_Production\Civil\ | default | - | - | 57 | (28-3-1)VB-1 | FRANKLIN | 98 | 72 |
| h:\corotation\Sec283VB1\details283vb.dgn | | DRAWN | REVISED | | | | | |
| PLOT SCALE = 5/8" = 1' IN. | | CHECKED | REVISED | | | | | |
| PLOT DATE = 8/13/2010 | | DATE | REVISED | | | | | |

SCALE: SHEET NO. OF SHEETS STA. TO STA.

FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 78068