

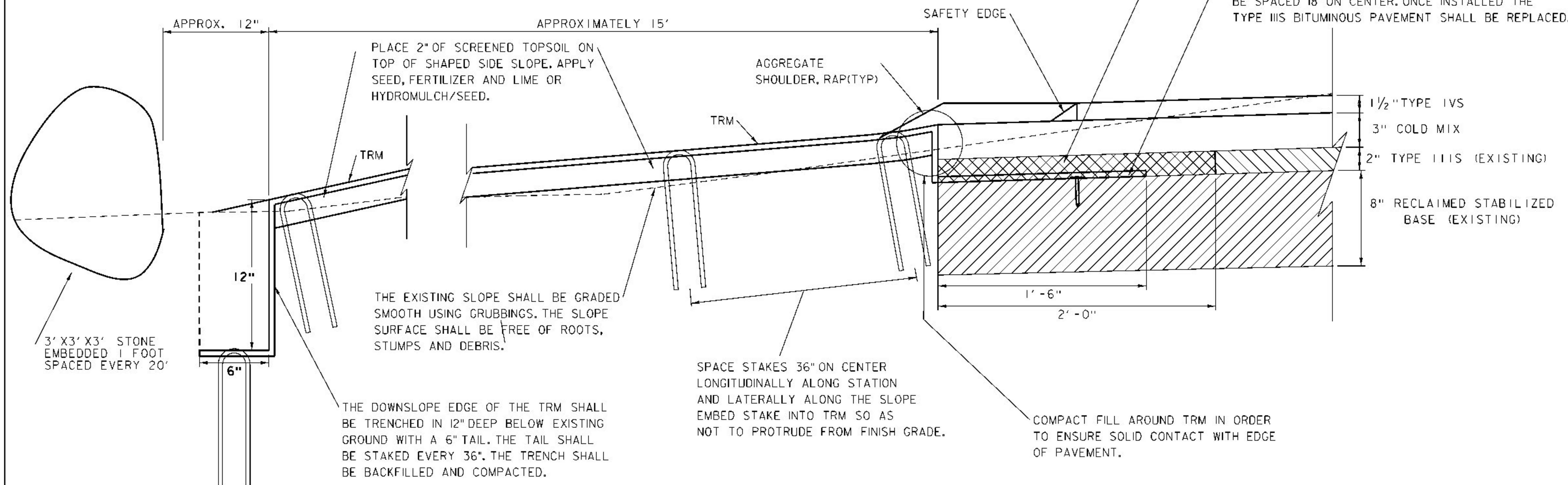
DESCRIPTION OF WORK

- BETWEEN STATION 44+75 TO 53+25 LT THE ROADWAY OVERTOPS WITH FLOODWATERS SEASONALLY. THE DOWNSTREAM SIDESLOPE OF THE ROADWAY (STATION LEFT) ERODES. IN ORDER TO PREVENT THE SIDESLOPE FROM ERODING THE FOLLOWING MUST BE DONE:
- REMOVE 2" OF THE EXISTING TYPE III PAVEMENT 2' WIDE FOR ENTIRE LENGTH DOWN TO THE RECLAIMED STABILIZED BASE.
- PREPARE THE SLOPE BY GRADING AND FILLING WITH GRUBBINGS MATERIAL ENSURING A SMOOTH SURFACE DOWN TO THE TOE OF SLOPE.
- PLACE 2" OF SCREENED TOPSOIL FROM THE EDGE OF PAVEMENT TO TOE OF SLOPE
- THE PREPARED SLOPE SHALL HAVE SEED, FERTILIZER AND LIME APPLIED AT THE RATE SHOWN IN THE DETAIL. THE SEED SHALL BE APPLIED AT THE PURE LIVE SEED RATE.
- INSTALL TURF REINFORCED MATTING (TRM) OVER A PREPARED SLOPE STATION LEFT EXTENDING 15' BEYOND THE EDGE OF THE RECLAIMED STABILIZED BASE. THE UPSLOPE EDGE AS WELL AS THE TOE OF SLOPE WILL BE SECURED AS SHOWN IN THE DETAIL BELOW. IF MULTIPLE ROWS OF MATTING ARE NECESSARY THE TRM SHALL BE OVERLAPPED A MINIMUM OF 12" AND STAKED EVERY 2' ALONG THE OVERLAP.
- LISTED ARE SOME CHOICES OF TRM THAT CAN BE USED. IF AN ALTERNATIVE MODEL IS CHOSEN IT MUST MEET THE EROSION CONTROL TECHNOLOGY COUNCIL TYPE 5.B OR TYPE 5.C SPECIFICATION:
 - NORTH AMERICAN GREEN- VMAX C350 TRM
 - EROSION CONTROL BLANKET- P42 TRM
 - EAST COAST EROSION BLANKETS- ECP-3 POLYPROPYLENE TRM
- INSTALL ONE 3'X3'X3' BOULDER EVERY 20 FEET ALONG TOE OF SLOPE KEYED IN 1 FOOT.

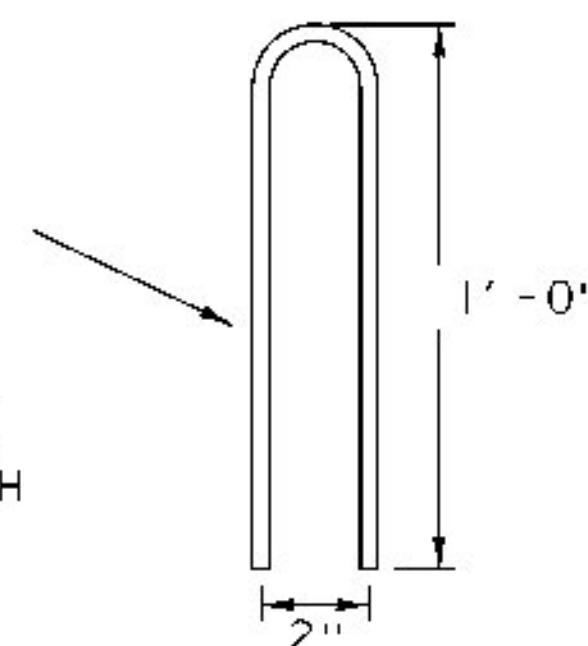
VAOT LOW GROW/FINE FESCUE MIX			
WEIGHT	PURE LIVE SEED RATE		NAME
	BROADCAST	HYDROSEED	
38%	57	95	CREeping RED FESCUE
29%	43.5	72.5	SPARTAN HARD FESCUE
15%	22.5	37.5	CHEWINGS FESCUE
15%	22.5	37.5	ANNUAL RYEGRASS
3%	4.5	7.5	INERTS
100%	150	250	

REMOVE EXISTING TYPE III BITUMINOUS PAVEMENT (~2" DEEP X 24" WIDE) DOWN TO THE RECLAIMED STABILIZED BASE FROM APPROXIMATELY STA 44+75 TO 53+25 LT.

PLACE TRM ON TOP OF RECLAIMED STABILIZED BASE AND SECURED USING A 3" INCH CONCRETE NAIL WITH AN 1/2" WASHER UNDER THE HEAD. THE NAILS SHALL BE SPACED 18" ON CENTER. ONCE INSTALLED THE TYPE III BITUMINOUS PAVEMENT SHALL BE REPLACED.



STAKES SHALL BE #3 REBAR 12" BY 2" BY 12". IF NECESSARY THEY SHALL BE INSTALLED BY MECHANICAL MEANS. NORTH AMERICAN GREEN MANUFACTURERS STAKES SUCH AS THESE.



ESSEX-WESTFORD STP 2912(I) ROADWAY OVERTOPPING
STA 44+75 TO 53+25 LT
(NOT TO SCALE)

CREATED BY WILLIAM FARLEY 06/04/2014