



ACCESS ROAD CROSS-SECTION

CHECK REQUIRED:	ROAD THICKNESS	STONE SIZE	FINES
<input type="checkbox"/> BASE LAYER	9" MIN.	3"-4" MAX.	0-7%
<input type="checkbox"/> BASE LAYER WITH GEOTEXTILE FABRIC (NOT EXCESSIVELY WET)	6" MIN.	3"-4" MAX.	0-7%
<input type="checkbox"/> BASE LAYER WITH GEOTEXTILE FABRIC, CLASS IV (WET SITES)	9" MIN.	3"-4" MAX.	0-7%
<input type="checkbox"/> SURFACE LAYER	3" MIN.	2" MAX.	7-12%

ROAD WIDTH NOTE:

MINIMUM WIDTH OF ROAD BED IS 14' FOR ONE-WAY TRAFFIC OR 20' FOR TWO WAY TRAFFIC. THE ROAD WIDTH INCLUDES A TREAD WIDTH OF 10' FOR ONE WAY TRAFFIC OR 16' FOR TWO WAY TRAFFIC. EACH TYPE OF ROAD REQUIRES A 2' SHOULDER WIDTH ON EACH SIDE.

CONSTRUCTION NOTES

- CONSTRUCTION OPERATIONS SHOULD BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND AIR AND WATER POLLUTION ARE MINIMIZED AND HELD WITHIN LEGAL LIMITS.
- TREES, STUMPS, ROOTS, BRUSH AND WEEDS SHALL BE REMOVED FROM WORK AREA.
- CONSTRUCT ROAD ABOVE NATURAL GROUND FOR BETTER DRAINAGE IF POSSIBLE.
- ON WEAK BEARING SOILS SUCH AS SILTS, ORGANICS AND CLAYS, THE SURFACE TREATMENTS SHOULD BE UNDERLAIN WITH WOVEN GEOTEXTILES *.
- AT A MINIMUM, ROADSIDE DITCHES SHALL BE 1-FT. BELOW ROAD SURFACE.
- PLACE A MINIMUM 9" OF GRAVEL BASE MATERIAL.
- PLACE A MINIMUM 3" OF SURFACE GRAVEL.
- LIME, FERTILIZE, SEED AND MULCH DITCHES AND SIDE SLOPES.

REQUIREMENTS FOR WOVEN GEOTEXTILES (CLASS IV)

- TENSILE STRENGTH (POUNDS): 180 MIN. IN ANY PRINCIPAL DIRECTION
- ELONGATION AT FAILURE (PERCENT): < 50
- PUNCTURE (POUNDS): 60 MIN.
- ULTRAVIOLET LIGHT (% RESIDUAL TENSILE STRENGTH): 70 MIN.
- APPARENT OPENING SIZE (AOS): AS SPECIFIED, BUT NOT SMALLER THAN 0.212 MM (#70) U.S. STANDARD SIEVE SIZE.
- OPEN AREA (PERCENT): 1.0 MIN.
- PERMITTIVITY SEC: 0.10 MIN.

MAINTENANCE REQUIREMENTS

- ENSURE ROAD SURFACE WATER FLOW BY GRADING PERIODICALLY. MAINTAIN CROWN AND ELIMINATE SHOULDER BUILDUP.
- MOW DITCHES TO PROMOTE HEALTHY VEGETATION.
- REPAIR EROSION.

STANDARDIZED DESIGNS MUST BE ADAPTED TO THE SPECIFIC SITE.

NOT TO SCALE

TYPICAL ACCESS ROAD



Designed _____	Date _____	File Name _____
Drawn STANDARD	1/2010	Drawing Name ME-ENG-AR1
Checked _____		Rev 1/2010
Approved _____		Sheet of _____