

(ES-2) CITY OF SACO
DITCH TURNOUT

N.T.S.

Short Form Specifications:

Material: **4 TO 6 INCH WASHED STONE, SOD, GEOTEXTILE**

Submittal: **STONE GRADATION ANALYSIS, GEOTEXTILE DATA**

Installation: **INSTALL IN CONJUNCTION WITH DITCH CONSTRUCTION.
CONSTRUCT IMMEDIATELY ONCE SOIL IS EXPOSED.**

QA/QC: **INSPECT FOR SIGNS OF CHANNELIZATION REPAIR
IMMEDIATELY. REMOVE SEDIMENT IF FLOW DISCHARGE
BECOMES CHANNELIZED.**

Completion: **UPON STABILIZATION OF OUTLET AREA AND CHANNEL,
STONE MAY BE REMOVED.**

Design Checklist:

Use: **FOR DISPERSION OF RUNOFF TO FLAT FIELDS ADJACENT TO PONDS OR STREAMS; DRAINAGE AREAS LESS THAN 2 ACRES. DO
NOT USE TO PROMOTE DRAINAGE ACROSS ABUTTING PROPERTY OR UNSTABILIZED AREAS.**

Computations: **COMPUTE ROAD GRADE, DETERMINE SPACING BETWEEN TURNOUTS.**

Water Quality Provisions:

REDUCE EROSION; FILTER SEDIMENT, SOLUBLE POLLUTANTS AND SEDIMENT ATTACHED POLLUTANTS.

Cross Reference:

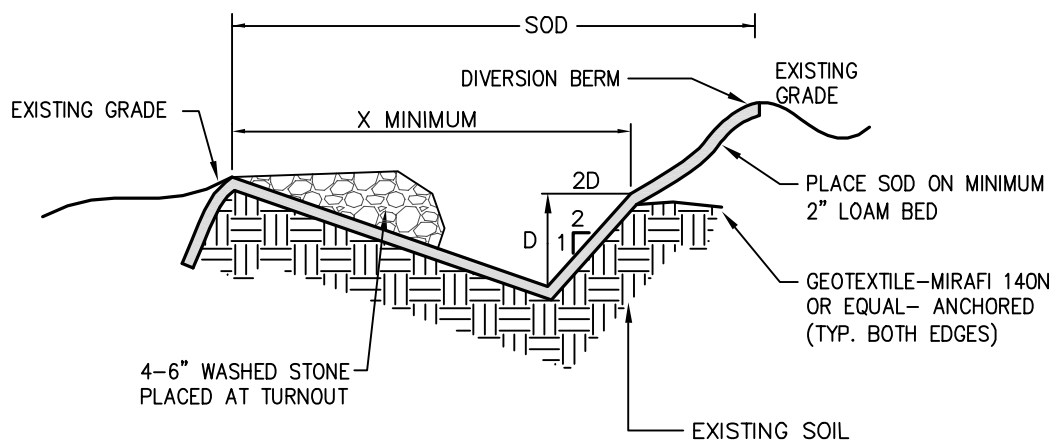
Zoning/Site Plan Review: **ARTICLE 8 – GOOD NEIGHBOR PERFORMANCE STANDARDS, SECTION 806 – EROSION CONTROL**

Subdivision Review: **ARTICLE 5 – PRELIMINARY PLAN, PARAGRAPH 5.2.2(17)**

Erosion Control BMP: **SECTION 38.0 – ROAD DITCH TURNOUT**

ASCE MREP No. 77: **N/A**

MEDEP STORMWATER BMP: **SECTION 6.2.1 – VEGETATIVE BUFFER STRIPS**



X	D
7'	2' MIN.
8'	2' MIN.
9'	2.5' MIN.
10'	3' MIN.
>10'	X/3 MIN.

ROAD GRADE	SPACING BETWEEN TURNOUTS
1-2%	200 FEET
3-10%	150 FEET
>10%	100 FEET

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