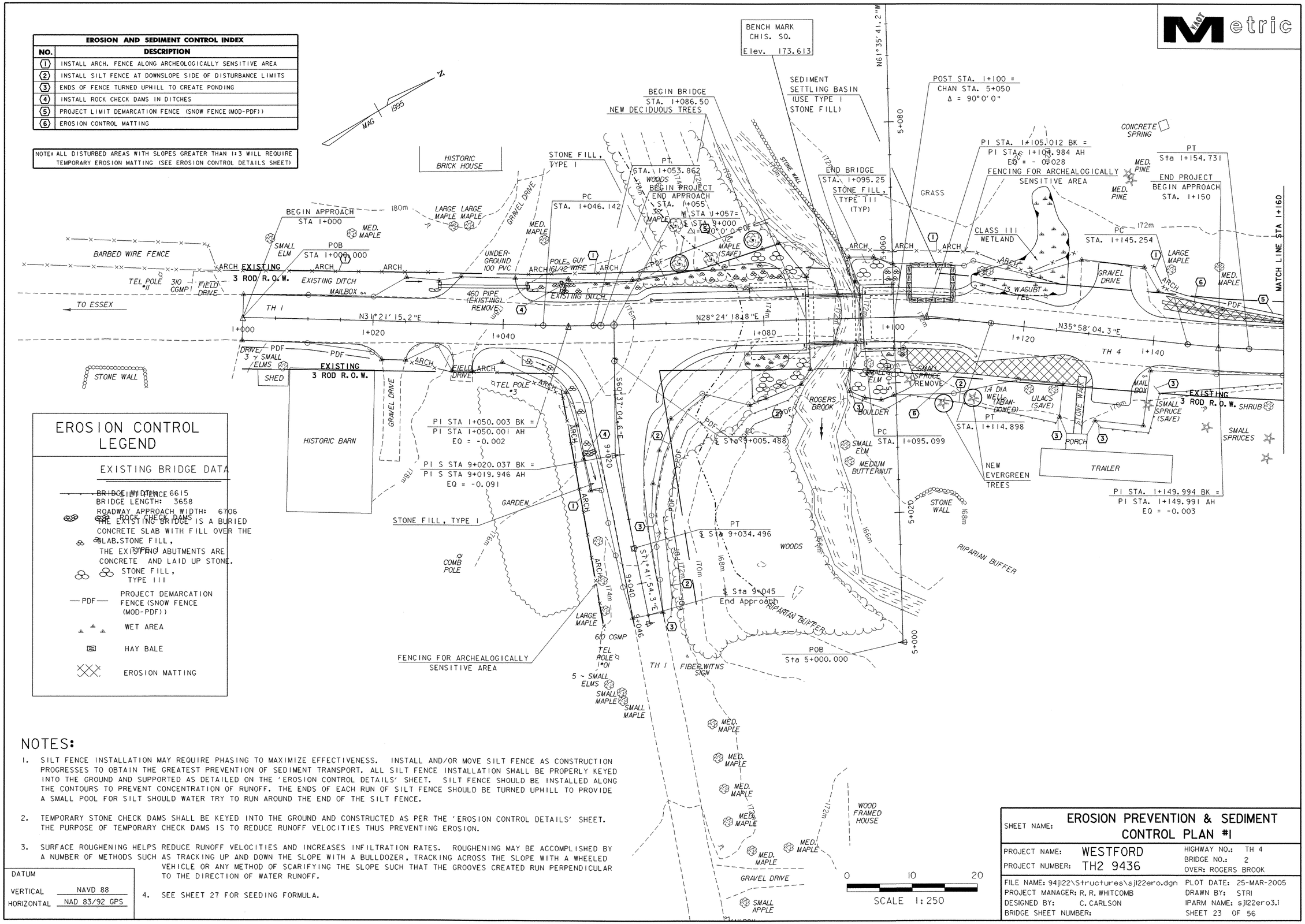
EROSION AND SEDIMENT CONTROL INDEX	
NO.	DESCRIPTION
1	INSTALL ARCH. FENCE ALONG ARCHEOLOGICALLY SENSITIVE AREA
2	INSTALL SILT FENCE AT DOWNSLOPE SIDE OF DISTURBANCE LIMITS
3	ENDS OF FENCE TURNED UPHILL TO CREATE PONDING
4	INSTALL ROCK CHECK DAMS IN DITCHES
5	PROJECT LIMIT DEMARCATION FENCE (SNOW FENCE (MOD-PDF))
6	EROSION CONTROL MATTING

NOTE: ALL DISTURBED AREAS WITH SLOPES GREATER THAN 1:3 WILL REQUIRE TEMPORARY EROSION MATTING (SEE EROSION CONTROL DETAILS SHEET)



EROSION CONTROL LEGEND

EXISTING BRIDGE DATA

- BRIDGE LIN. LENGTH: 6615
- BRIDGE LENGTH: 3658
- ROADWAY APPROACH WIDTH: 6706
- THE EXISTING BRIDGE IS A BURIED CONCRETE SLAB WITH FILL OVER THE SLAB.
- THE EXISTING ABUTMENTS ARE CONCRETE AND LAID UP STONE.

ROCK CHECK DAMS

STONE FILL, TYPE I

STONE FILL, TYPE III

PDF — PROJECT DEMARCATION FENCE (SNOW FENCE (MOD-PDF))

WET AREA

HAY BALE

EROSION MATTING

NOTES:

1. SILT FENCE INSTALLATION MAY REQUIRE PHASING TO MAXIMIZE EFFECTIVENESS. INSTALL AND/OR MOVE SILT FENCE AS CONSTRUCTION PROGRESSES TO OBTAIN THE GREATEST PREVENTION OF SEDIMENT TRANSPORT. ALL SILT FENCE INSTALLATION SHALL BE PROPERLY KEYED INTO THE GROUND AND SUPPORTED AS DETAILED ON THE 'EROSION CONTROL DETAILS' SHEET. SILT FENCE SHOULD BE INSTALLED ALONG THE CONTOURS TO PREVENT CONCENTRATION OF RUNOFF. THE ENDS OF EACH RUN OF SILT FENCE SHOULD BE TURNED UPHILL TO PROVIDE A SMALL POOL FOR SILT SHOULD WATER TRY TO RUN AROUND THE END OF THE SILT FENCE.
2. TEMPORARY STONE CHECK DAMS SHALL BE KEYED INTO THE GROUND AND CONSTRUCTED AS PER THE 'EROSION CONTROL DETAILS' SHEET. THE PURPOSE OF TEMPORARY CHECK DAMS IS TO REDUCE RUNOFF VELOCITIES THUS PREVENTING EROSION.
3. SURFACE ROUGHENING HELPS REDUCE RUNOFF VELOCITIES AND INCREASES INFILTRATION RATES. ROUGHENING MAY BE ACCOMPLISHED BY A NUMBER OF METHODS SUCH AS TRACKING UP AND DOWN THE SLOPE WITH A BULLDOZER, TRACKING ACROSS THE SLOPE WITH A WHEELED VEHICLE OR ANY METHOD OF SCARIFYING THE SLOPE SUCH THAT THE GROOVES CREATED RUN PERPENDICULAR TO THE DIRECTION OF WATER RUNOFF.
4. SEE SHEET 27 FOR SEEDING FORMULA.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83/92 GPS

SHEET NAME: EROSION PREVENTION & SEDIMENT CONTROL PLAN #1

PROJECT NAME: WESTFORD
PROJECT NUMBER: TH2 9436
HIGHWAY NO.: TH 4
BRIDGE NO.: 2
OVER: ROGERS BROOK

FILE NAME: 94J22\Structures\sj122ero.dgn
PROJECT MANAGER: R. R. WHITCOMB
DESIGNED BY: C. CARLSON
BRIDGE SHEET NUMBER:
PLOT DATE: 25-MAR-2005
DRAWN BY: STRI
IPARM NAME: sj122ero3.i
SHEET 23 OF 56