

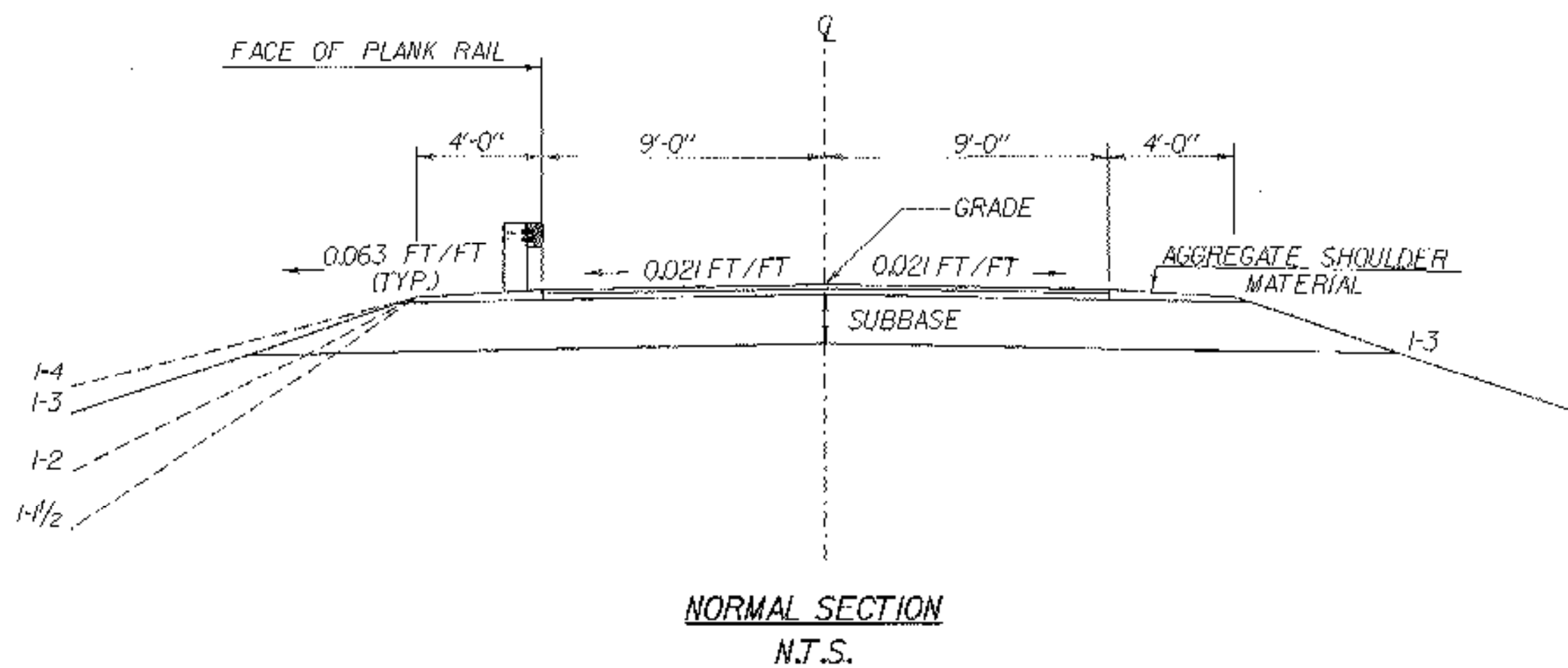
**SEEDING FORMULA
RURAL AREAS**

TYPICAL SECTIONS

MATERIAL ITEM	TOLERANCE
PAVEMENT	± 1/4" TOTAL THICKNESS
SUBBASE	± 1"
GRANULAR BACKFILL FOR STRUCT.	± 1"

NOTE: PAYMENT FOR ALL FILL MATERIAL SHALL BE UNDER ITEM 204.30, GRANULAR BACKFILL FOR STRUCTURES.

1.5" BITUMINOUS CONCRETE PAVEMENT (TYPE III)
2.5" BITUMINOUS CONCRETE PAVEMENT (TYPE I)
18" SUBBASE OF GRAVEL
SHOULDERS: 4" AGGREGATE SHOULDER MATERIAL



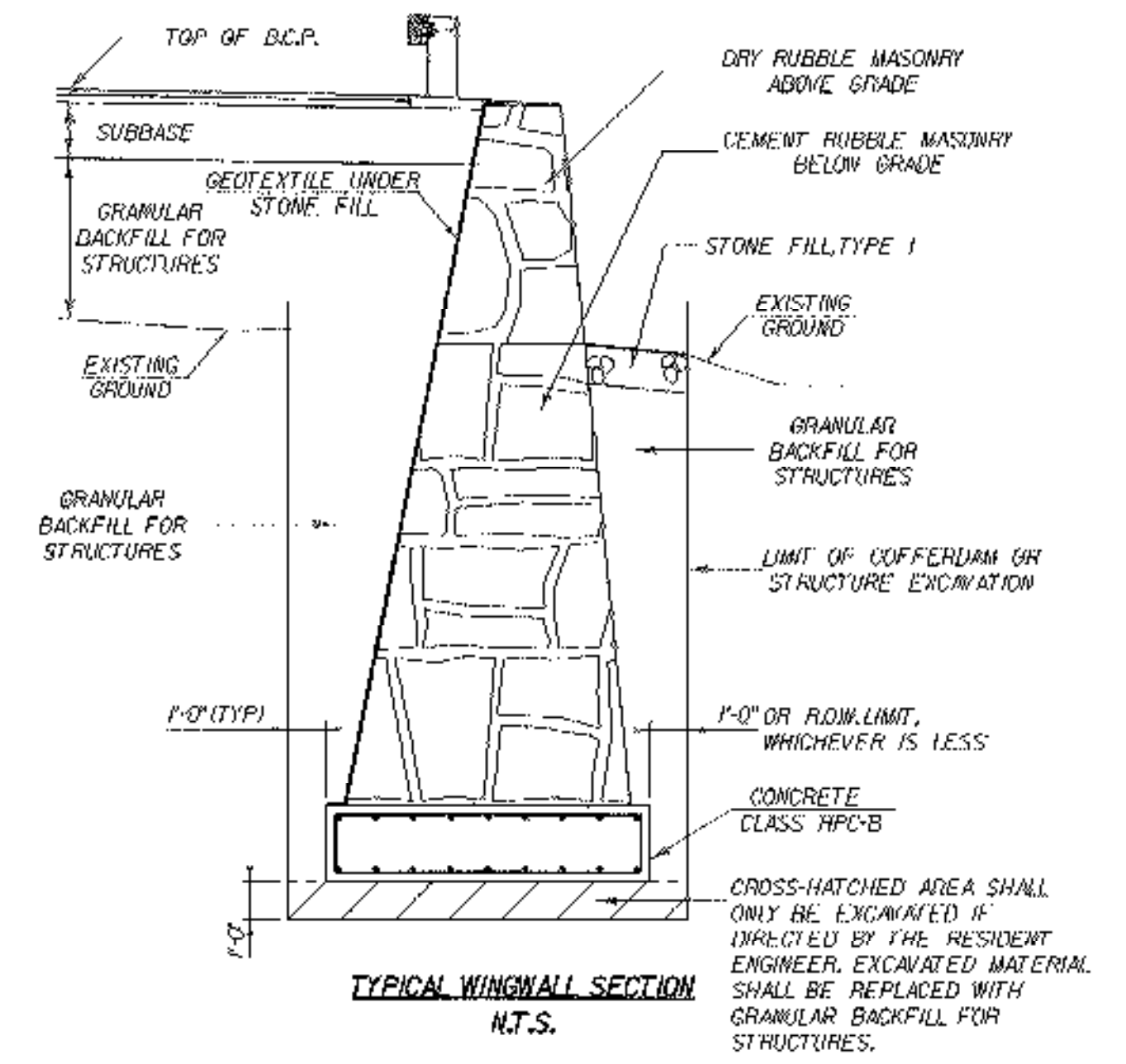
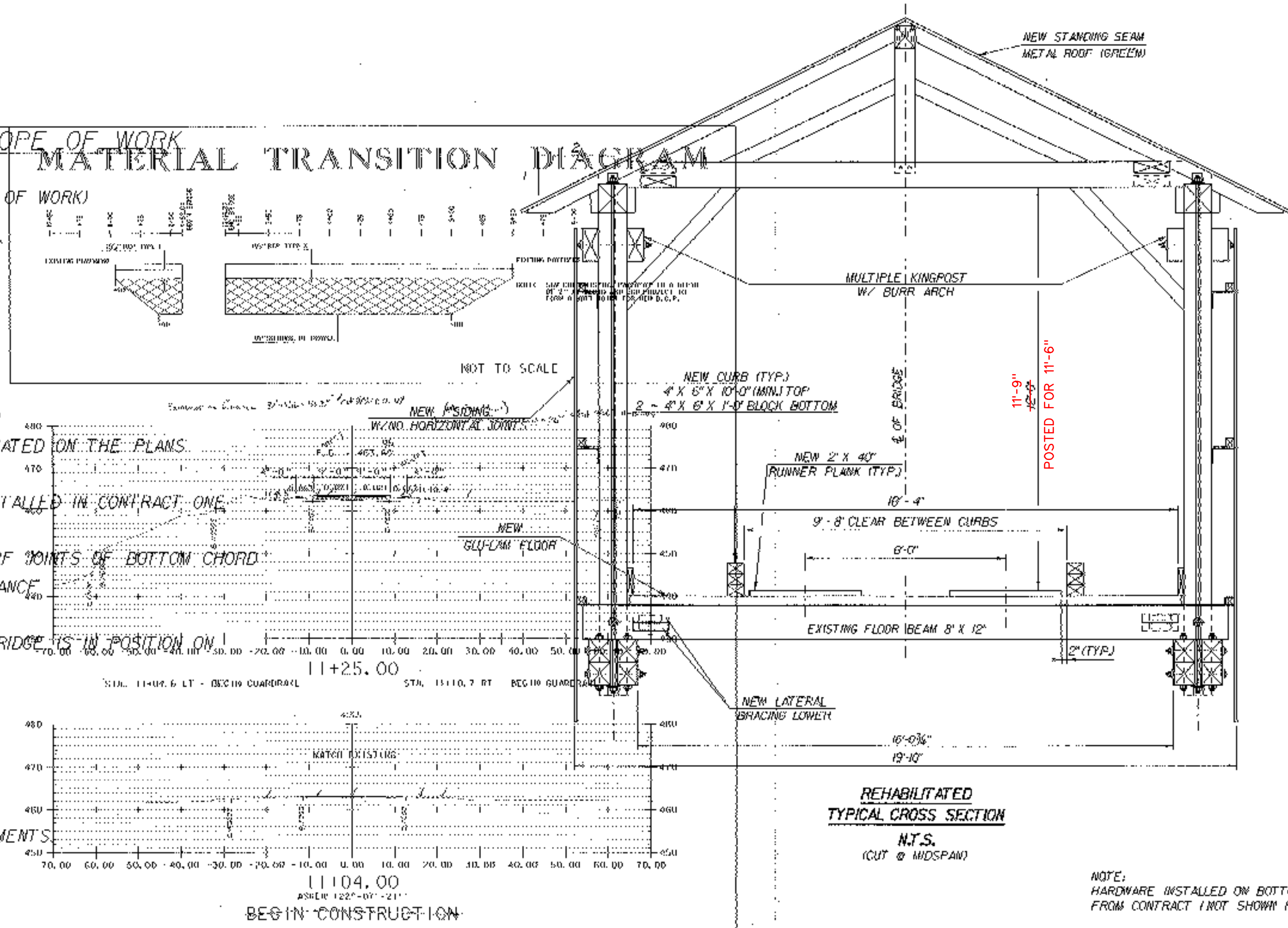
GENERAL NOTES

- SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.
- SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.
- FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDRO SEEDERS MAY USE 19-19-19 FORMULA).
- AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- HAY MULCH: TO BE PLACED ON EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.
- TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
- TACK COAT: EMULSIFIED ASPHALT IS TO BE APPLIED AT THE RATE OF 0.015 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.

**BRIDGE REHABILITATION GENERAL SCOPE OF WORK
MATERIAL TRANSITION DIAGRAM**

(NOTE: LIST DOES NOT SUGGEST SEQUENCE OF WORK)

- CLOSE ROAD TO ALL TRAFFIC
- REMOVE PEDESTRIAN APPROACH BRIDGES
- REMOVE EXISTING DECK
- REMOVE EXISTING SIDING
- REMOVE EXISTING METAL ROOF
- UNLOAD BRIDGE WITH SHORING OR MOVE TO STAGING AREA
- RE-ALIGN TRUSSES TO OBTAIN 1/2" - 18" INCHES RESIDUAL CAMBER OR AS DIRECTED BY THE ENGINEER
- REPLACE ONLY DAMAGED OR DETERIORATED MEMBERS AS INDICATED ON THE PLANS
- REPLACE ALL CONNECTION HARDWARE (EXCEPT THAT WERE INSTALLED IN CONTRACT ONE WHICH ARE TO BE REINSTALLED)
- REPLACE DAMAGED OR DETERIORATED SHEAR BLOCKS IN SCARF JOINTS OF BOTTOM CHORD
- TIGHTEN ALL JOINERY AND CONNECTIONS TO A ZERO-GAP TOLERANCE
- RECONSTRUCT SUBSTRUCTURES AS DETAILED ON PLANS
- REMOVE LATTICE BRACING INSTALLED IN PHASE ONE AFTER BRIDGE IS IN POSITION ON NEW SUBSTRUCTURES 10+30.41
- INSTALL NEW SIDING
- INSTALL LATERAL BRACING IN FLOOR SYSTEM
- INSTALL NEW GLULAM DECK AND RUNNER PLANKS
- INSTALL NEW STANDING SEAM ROOF
- RECONSTRUCT APPROACHES AND ALL ASSOCIATED WORK
- APPLY FUNGICIDE AND FIRE RETARDENT TO ALL TIMBER ELEMENTS



TYPICAL SECTIONS SHEET

PROJECT NAME:	CAMBRIDGE	PLOT DATE:	07-AUG-2002
PROJECT NUMBER:	BHO 1448(3) C/2	DRAWN BY:	R. PELLIETT
FILE NAME:	/00J244/str/sj244typ2.dgn	CHECKED BY:	M. FOWLER
PROJECT LEADER:	D. HOYNE	SHEET	5 OF 62
DESIGNED BY:	M. GAGULIC		
sj244typ2.1			

PROJECT NAME: CAMBRIDGE
PROJECT NUMBER: BHO 1448(3) C/2
FILE NAME: /00J244/str/sj244typ2.dgn
PROJECT LEADER: D. HOYNE
DESIGNED BY: M. GAGULIC
CHECKED BY: M. FOWLER
PLOT DATE: 07-AUG-2002
DRAWN BY: R. PELLIETT
SHEET 5 OF 62