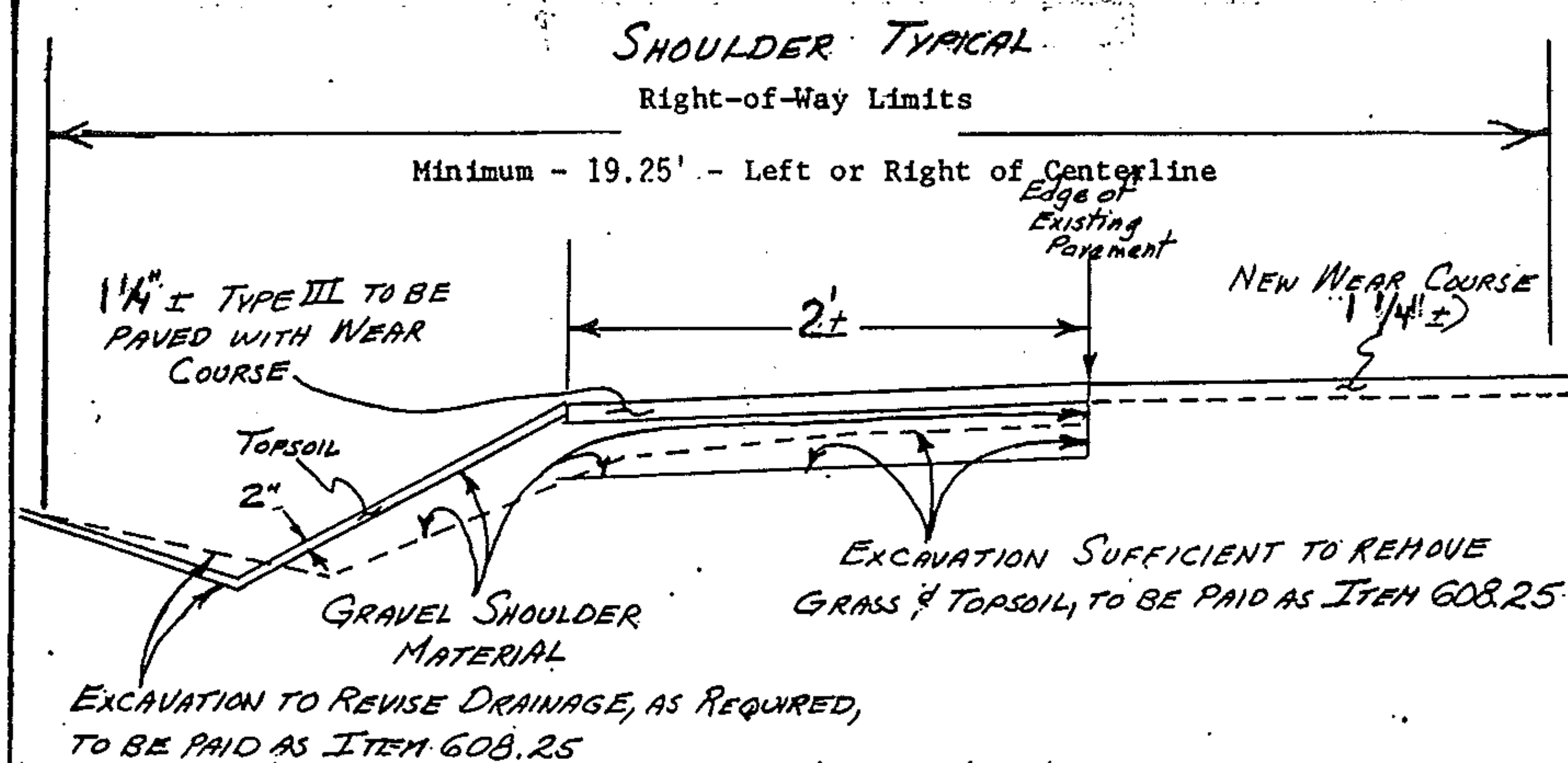


TYPICAL SECTIONS & DESIGN DATA



HARDWICK-WALDEN

HMA 2820

M.M. 5,759-4.091

NOTES:

1) Where shoulders are less than 4' wide, they may be widened to 4' as long as the existing drainage and a reasonable slope- not greater than 1-1 1/2 - can be maintained. Where a shoulder cannot be reasonably widened to 4', a shoulder as wide as possible will be constructed and paved. Where existing shoulders are wider than 4', the shoulder will be paved as directed by the Engineer and any remainder matched with the item of Shoulder Gravel.

2) Where gravel is exposed on the shoulder surface, excavation shall be only to the depth necessary to lay the shoulder pavement.

3) If culverts in drives or intersecting roadways are the only reason for not widening the shoulder, there is included a nominal quantity of 50 lf of Item 601.99 - Relaying Pipe Culvert- which will be full compensation for all necessary equipment, materials, and labor to remove the culvert and relay it in the location designated by the Engineer.

However, if the excavated material is unsuitable for use as backfill, suitable backfill will be obtained and it will be paid for at the Contract Price for Gravel Shoulders under whichever option is bid. A nominal quantity of 50 cy has been included in the gravel quantity for this purpose.

4) It is expected that the Contractor and/or his employees will use care in excavating any culverts to be relayed or extended. Existing culverts damaged by the Contractor's operations will be replaced at the Contractor's expense.

Shoulder Sheet 1 of 1

NO. HMA 2820

PROJECT Hardwick - Walden

SHEET 20 OF 21 SHEETS