Selected grading materials shall be defined as any granular material encountered in excavation areas on the project or borrow material meeting the requirements for select granular borrow (SPEC. 3149.2B).

Embankment shall be constructed with selected grading materials.

Unsuitable materials for embankment construction within a 1:1 slope drawn down and outward from the grading shoulder P.I., are topsoil, plastic soils, other organic materials and debris.

Grading grade for the turn lane, shoulder and bypass construction shall be defined as the bottom of the aggregate base, Class 5.

<u>Bituminous</u>

Any bituminous removed shall become the property of the contractor and disposed of off the R/W in accordance with MnDOT Spec. 2105, or recycle in accordance with applicable MnDOT

All bituminous mixtures shall be designed and constructed in accordance with MnDOT Spec. 2340, "Plant Mixed Bituminous Pavement" for modifications, see Special Provisions.

Aggregate for the type 41 leveling shall be 3/4" minus Size B'.

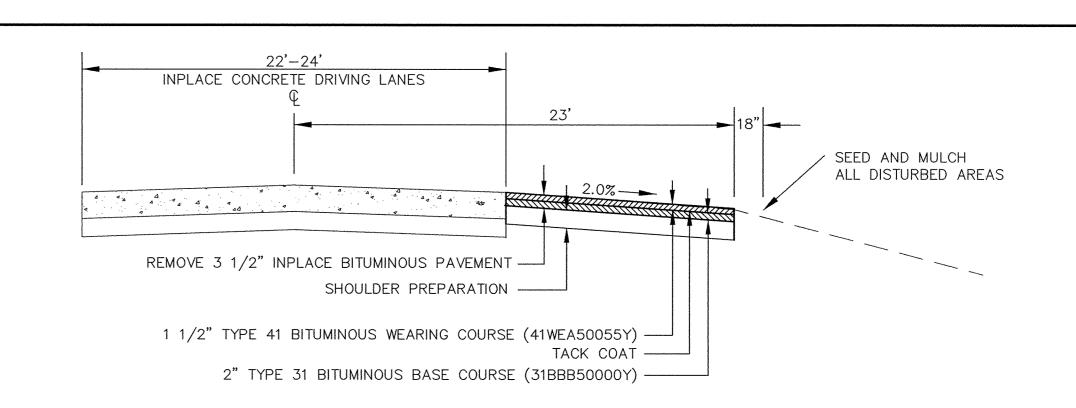
All bituminous mixtures (except shoulder mixtures) consisting of 100 percent non—asphaltic salvaged aggregate shall be designed and constructed using 85/100 penetration grade asphalt.

QUALITY Compaction

Compaction of all aggregate items, bituminous items and selected grading materials shall be by the ordinary compaction method.

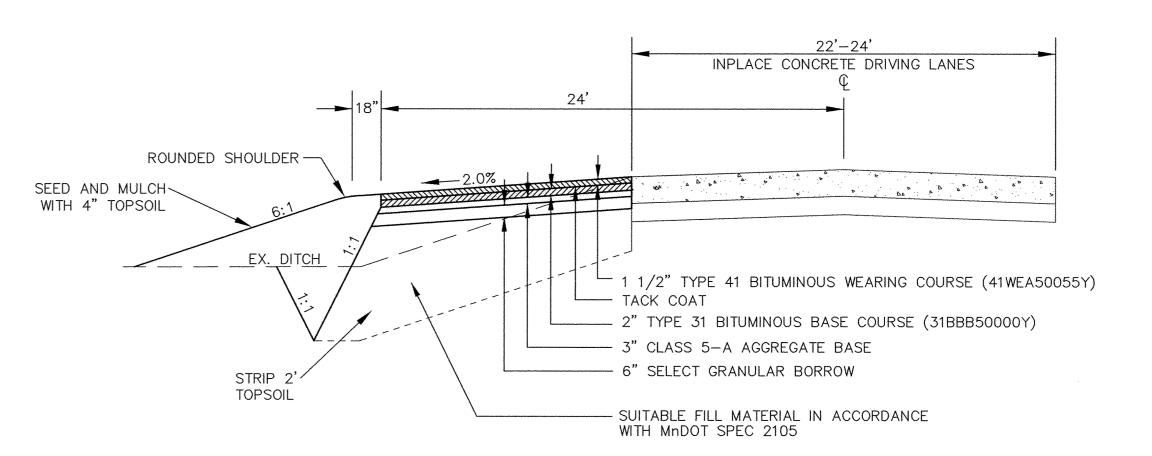
Temporary Erosion Control

Temporary erosion control devices and their suggested locations have been shown in the plans along with pay items for their use. This does not however relieve the Contractor of his responsibilities to conduct his construction in a manner that will control erosion. Responsibility for controlling erosion is set forth in MnDOT Specifications 1717, 1803, 2101, 2105, 2573, 2575, and as amended by the Special Provisions.



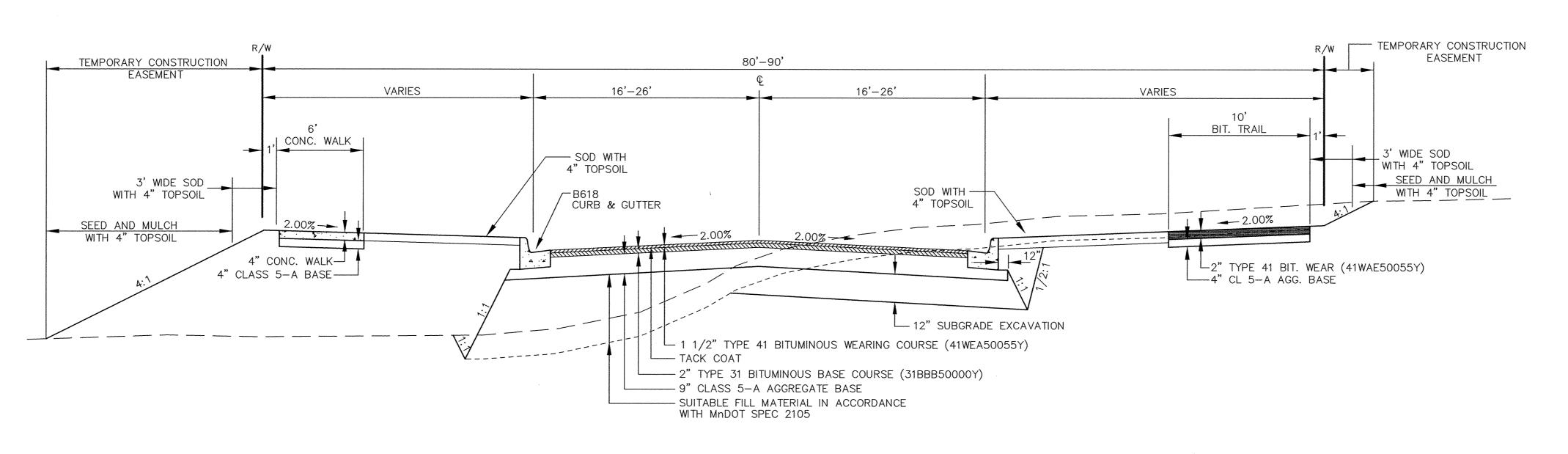
TYPICAL TURN LANE REPAVE SECTION

RIGHT TURN LANE 1807+65 TO 1812+10 LEFT TURN LANE 1813+40 TO 1818+00



TYPICAL TURN LANE CONSTRUCTION SECTION

RIGHT TURN LANE 1813+85 TO 1818+00 LEFT TURN LANE 1807+20 TO 1812+15



TYPICAL STREET SECTION

CONSULTING ENGINEERS

12+00 TO 15+50

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION,

OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT

SUPERVISION AND THAT I AM A DULY REGISTERED

PROFESSIONAL ENGINEER UNDER THE LAWS OF THE

Leng Maurer

DATE 3/29/46 REG.NO. 153/6

STATE OF MINNESOTA

1326 ENERGY PARK DRIVE ST. PAUL, MINNESOTA 55108 PER MNDOT REVIEW (612) 644-4389 GRAPHIC SCALE 5075 WAYZATA BLVD. SUITE #225

MINNEAPOLIS, MINNESOTA 55416

(612) 546-0432

DESIGNED <u>se</u> CHECKED

DRAWN ___L

VERT.

CITY OF ELK RIVER 185TH AVE. FROM T.H 10 TO NAPLES ST. TRUNK HIGHWAY 10 TO TURN LANES AT JOPLIN ST. TYPICAL SECTIONS

RECORD DRAWING

OCTOBER 1997

S.P. 7102-87(TH 10)

SHEET 5 OF 41 SHEETS PROJECT NO. <u>230-277</u> DATE JAN 1996

ER277TP2

1242