FED ROAD DIST. NO. ILLINOIS FED. AID PROJECT

EXISTING LOW PERMEABILITY SOILS APPROXIMATE PROPOSED TOP GRADE\*-TOP OF WALL (TOW) ELEVATION ---• FOR WALLS B, F AND G, GEOTECHNICAL FABRIC TO EXTEND TO BOTTOM OF PROPOSED SUBGRADE. PROPOSED GEOTECHNICAL FABRIC FOR FRENCH DRAINS EXISTING FREE DRAINING STONE WALL FACE MATERIAL EXISTING SECONDARY
STRUCTURAL GEOGRID EXISTING WELDED WIRE BASKET WALL FACING EXISTING
GEOTEXTILE WRAP PROPOSED BACKFILL EXISTING TENSAR PRIMARY
GEOGRID REINFORCEMENT EXISTING GRADE AT BOTTOM WALL BOTTOM OF WALL (BOW) ELEVATION-EXISTING MECHANICALLY STABILIZED
EARTH RETAINING WALL

TYPICAL SECTION

## NOTES:

- 1. WORK THIS SHEET WITH SHEET NO. 707B.
- INSTALL GEOTECHNICAL FABRIC FOR FRENCH DRAINS IN FRONT OF EXISTING MECHANICALLY STABILIZED EARTH (MSE) RETAINING WALLS IN ACCORDANCE WITH THE DETIALLS SHOWN ON THESE SHEETS. PLACE FABRIC AS NEW BACKFILL IS PLACED PER ARTICLE GOLOG OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- 3. FOR LOCATION OF WALLS, SEE SHEET NOS. 133, 138, 140, 142 AND 148.
- 4. IDOT STATIONS ARE WITH RESPECT TO PROJECT REFERENCE LINES. ALL OTHER STATIONS ARE LOCAL STATIONS AND ARE WITH RESPECT TO THE INDIVIDUAL WALLS.
- 5. STATIONS, ELEVATIONS AND WALL DETAILS SHOWN ON THESE SHEETS WERE TAKEN FROM SHOP DRAWINGS DEVELOPED UNDER CONTRACT NO. 62107.
- BOW INDICATES BOTTOM OF WALL. TOW INDICATES TOP OF WALL.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

REVISIONS
NAME DATE
GEOTECHNICAL FABRIC FOR
EXISTING MSE RETAINING WALLS TYPICAL SECTION
HORIZ SCALE:
VERT SCALE:
DATE: JUL 18, 2005
HNTB

J:#34562#CADD#B1#SheetPile#ms190034d.dgn