**NOTES**

1. PROVIDE 16 INCH THICKNESS BETWEEN LAYERS OF GEOSYNTHETIC REINFORCEMENT AND COMPACT AGGREGATE BASE IN AT LEAST THREE LIFTS WITH A MAXIMUM LOOSE THICKNESS OF 8 INCHES.

2. PROVIDE GEOSYNTHETIC BACKFILL THAT CONFORMS TO THE REQUIREMENTS OF SUBSECTION 703.04 FOR ¾" TYPE A OR B AGGREGATE.

3. PROVIDE GEOSYNTHETIC REINFORCEMENT THAT CONFORMS TO THE REQUIREMENTS OF SUBSECTION 718.07 FOR TYPE II OR III SUBGRADE SEPARATION GEOTEXTILE.

4. INSTALL GEOTEXTILE IN ACCORDANCE WITH SECTION 640.

5. LAY GEOSYNTHETIC FLAT ON EACH HORIZONTAL LAYER DO NOT BEND UP OR DOWN AT THE ENDS. DO NOT FOLD A TAIL UNDER THE ADJOINING LAYER TO ANCHOR THE GEOTEXTILE.

6. DRAINAGE SYSTEM INCIDENTAL TO THE COST OF THE GEOSYNTHETIC LINE STRUCTURAL BACKFILL PAY ITEM.

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**TYPICAL SECTION**

**GEOSYNTHETIC REINFORCED ABUTMENT BACKFILL**

(TYPICAL BOTH ABUTMENTS) (ABUTMENT SHOWN, SIMILAR PLACEMENT AT WINGS)

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**NOTE TO DESIGNER**

A. THERE IS NO COMPACTING BACKFILL QUANTITY WITHIN THE LIMITS OF THE GEOSYNTHETIC REINFORCEMENT.

B. GEOSYNTHETIC REINFORCED ABUTMENT BACKFILL SHOULD BE USED ON BRIDGES THAT DO NOT NEED AN APPROACH SLAB.

C. THIS DETAIL ONLY REDUCES SETTLEMENT BUT DOES NOT REDUCE ANY LATERAL PRESSURE.

D. OBTAIN THE CURRENT VERSION OF S501-95A, GEOSYNTHETIC REINFORCED ABUTMENT BACKFILL, FROM THE HQ GEOTECHNICAL ENGINEER.

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### REVISIONS

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**SCALES SHOWN**

1. APPLICABLE FOR 34" X 22" PRINTS ONLY

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**BRIDGE PLANS**

**PROJECT NO.**

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