NOTES:

1. Outlet pipes shall be constructed at a maximum of 500' intervals. The elbows or bends shall be used to connect the outlet pipe to the concrete pavement subdrain pipe. The elbows or bends shall be of the same material as the outlet pipe but compatible with the pipe.

2. The Contractor shall devise a procedure for holding the filter fabric in position on the vertical face of the trench. The procedure must be approved by the Engineer prior to placement of the draincrete.

3. Backfill around outlet pipes shall be of cohesive soils, draincrete will not be permitted.

4. Existing paved shoulders that is removed for the construction of concrete pavement subdrains from opposite directions shall use a single apron unless otherwise shown on the plans or otherwise directed by the Engineer.

5. Drainpipes shall be capped.

6. Trenches shall be barricaded at all times.

7. All trenching must be performed during the day. No trench greater than 2' in depth will be allowed overnight.

8. The contract unit price for Edgedrain Outlet Pipe (4") LF shall be full compensation for removal of existing shoulder pavement, trench excavation, pipe and fitting, concrete apron, hardware cloth, sod, stubbing into existing inlets and paved ditches, restoration of ditch pavement, backfill in place, and disposal of excess materials.

9. The rate of 500 LB per SY.

10. When the low edge shifts between outside and inside edges of pavement the concrete pavement subdrainage shall extend 50' beyond and begin 50' before the flat point (100' overlap).

11. Concrete pavement subdrainage shall be placed on the low side of ramps of crossroad terminals.

12. The contract unit price for Edgedrain Outlet Pipe (4") LF shall be full compensation for removal of existing shoulder pavement, trench excavation, pipe and fitting, concrete apron, hardware cloth, sod, stubbing into existing inlets and paved ditches, restoration of ditch pavement, backfill in place, and disposal of excess materials.

13. The rate of 500 LB per SY.

14. When directed by the Engineer, outlet pipes shall be stubbed into existing inlets or into existing ditch pavements at an elevation 6" above the inlet flowline or ditch bottom. Concrete apron and bordering sod are not required for stubbed outlets, but replacement sodding will be required at trenches for pipes stubbed into paved ditches.

15. The Contractor shall devise a procedure for holding the filter fabric in position on the vertical face of the trench. The procedure must be approved by the Engineer prior to placement of the draincrete.

16. Backfill around outlet pipes shall be of cohesive soils, draincrete will not be permitted.

17. Existing paved shoulders that is removed for the construction of concrete pavement subdrains from opposite directions shall use a single apron unless otherwise shown on the plans or otherwise directed by the Engineer.

18. Drainpipes shall be capped.

19. Trenches shall be barricaded at all times. No trench greater than 2' in depth will be allowed overnight.

20. The rate of 500 LB per SY.

21. When the low edge shifts between outside and inside edges of pavement the concrete pavement subdrainage shall extend 50' beyond and begin 50' before the flat point (100' overlap).

22. Concrete pavement subdrainage shall be placed on the low side of ramps of crossroad terminals.

23. The contract unit price for Edgedrain Outlet Pipe (4") LF shall be full compensation for removal of existing shoulder pavement, trench excavation, pipe and fitting, concrete apron, hardware cloth, sod, stubbing into existing inlets and paved ditches, restoration of ditch pavement, backfill in place, and disposal of excess materials.

24. The rate of 500 LB per SY.
Sealed Longitudinal Joint
Concrete Pavement (Depth Varies)

6" Special Stabilized Subbase
Special Select Soil
Draincrete

Filter Fabric Type D-3
(See Specifications Section 985)
4" Dia. Special Perforated Pipe (Noncorrugated or Smooth Lined Corrugated Only)
(See Sheet 1)

Overlap Filter Fabric 6"

1'-6"

12"

NEW CONSTRUCTION

Shoulder joint seal shall be paid for under the contract unit price for Pavement Joint, LF.

Shoulder pavement shall be paid for under the contract unit price for Type SP, Asphaltic Concrete.

Payment for outlet pipe shall be in accordance with General Note 9, Sheet 1 of 4.

METHOD OF PAYMENT

1. The edgedrain sections for DRAINCRETE SUBDRAINAGE are applicable to pavement construction identified as RIGID PAVEMENT on Index No. 505, Sheet 2 and 4.

2. The contractor shall confine the construction of draincrete edgedrain to an area in which the entire operation can be carried out in five (5) work days, unless another construction period is called for in the plans, with sufficient time allowed for the draincrete to set before placement of pavement.

FOR REHABILITATION:

1. The contract unit price for Edgedrain (Draincrete) LF shall be full compensation for removal of existing shoulder pavement, trench excavation, disposal of excess materials, filter fabric, draincrete edgedrain pipe and fittings and draincrete.

Payment for outlet pipe shall be in accordance with General Note 9, Sheet 1 of 4.

Shoulder joint seal shall be paid for under the contract unit price for Pavement Joints, LF.
NOTES FOR DRAINCRETE PAVEMENT SUBDRAINAGE

1. The edgerain sections for DRAINCRETE SUBDRAINAGE are applicable to pavement construction identified as RIGID PAVEMENT on Index No. 505, Sheet 2 and 3.

2. The contractor shall confine the construction of draincrete edgerain to an area in which the entire operation can be carried out in five (5) work days, unless another construction period is called for in the plans, with sufficient time allowed for the draincrete to set before placement of pavement.

METHOD OF PAYMENT:

1. The contract unit price for Edgerain (Draincrete) LF shall be full compensation for trench excavation, disposal of excess materials, filter fabric, draincrete edgerain pipe and fittings and draincrete.

Payment for outlet pipe shall be in accordance with General Note 9, Sheet 3 of 4.

2. Type B-12.5 shall be paid for under the contract unit price for Optional Base.

3. Shoulder pavement shall be paid for under the contract unit price for Type SP, Asphaltic Concrete.
CONCRETE TRAVEL LANE, SHOULDERS, AND AUXILIARY PAVEMENT

CONCRETE PAVEMENT SUBDRAINAGE

TREATED PERMEABLE BASE SUBDRAINAGE

ASPHALT SHOULDERS

GENERAL NOTES FOR TREATED PERMEABLE BASE EDGEDRAIN

NEW CONSTRUCTION

1. The contractor shall confine the construction of edgedrain to an area in which the entire operation can be carried out in (5) work days, unless another construction period is called for the plans.

METHOD OF PAYMENT

NEW CONSTRUCTION

1. Payment shall be full compensation for trench excavation, disposal of excess materials, filter fabric, pipe and fittings, necessary for concrete pavement subdrainage construction. Payment shall be included in the cost for Asphalt Treated Permeable Base, SP or Cement Treated Permeable Base, CTPB.

Payment for outlet pipe shall be in accordance with General Note 9, Sheet 1 of 4.

2. Shoulder pavement and separation layer shall be paid for under the contract unit price for Type SP, Asphaltic Concrete.