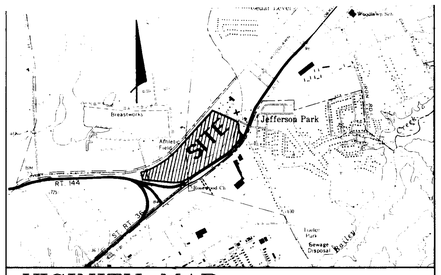

VICINITY MAP SCALE: 1"=2000'

CROSSINGS NORTH

OAKLAWN BLVD. & COUSINS AVENUE

HOPEWELL, VIRGINIA.

SHEET INDEX

TITLE	SHEET
NOTES, QUANTITIES, & LEGEND (COVER)	1
SITE PLAN	2
CROSS SECTIONS	3

GENERAL NOTES

1. OWNER AND DEVELOPER: THE CROSSING ASSOCIATES LIMITED PARTNERSHIP
   P.O.BOX 411
   HOPEWELL, VA 23860.
   (804)-458-8585.
2. ZONING: B-3

EROSION NOTES

1. THE CITY OF HOPEWELL AND THE PRINCE GEORGE COUNTY'S ENVIRONMENTAL OFFICE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY PLANS TO BEGIN CLEARING AND GRADING OPERATIONS.
2. ALL DISTURBED AREA TO BE SEEDED WITHIN 15 DAYS AFTER ROUGH GRADING IS COMPLETED. ANY AREA WHICH WILL BE DENUDED FOR 60 DAYS MUST BE SEEDED OR TEMPORARILY STABILIZED.
3. THE ENGINEERING DEPARTMENTS AND OTHER INTERESTED CITY OR COUNTY AGENCIES SHALL MAKE A CONTINUING REVIEW AND EVALUATION OF THE METHOD USED AND THE OVERALL EFFECTIVENESS OF THE EROSION AND SEDIMENT CONTROL PROGRAM. AN APPROVED EROSION AND SEDIMENT CONTROL PLAN MAY BE AMENDED BY THE PLAN APPROVING AUTHORITY IF ON-SITE INSPECTIONS INDICATE THAT THE APPROVED CONTROL MEASURES ARE NOT EFFECTIVE IN CONTROLLING EROSION AND SEDIMENT OR, IF BECAUSE OF CHANGED CIRCUMSTANCES, THE APPROVED PLAN CANNOT BE CARRIED OUT.
4. EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL GRASS HAS BEEN ESTABLISHED ON THE EXPOSED SOIL SURFACES. STRUCTURES SHALL BE PLACED PRIOR TO CLEARING AND GRADING.
5. CONTRACTOR SHALL INSTALL, MAINTAIN AND REMOVE ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE CRITERIA AND SPECIFICATIONS CONTAINED IN THE CURRENT EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.

SEEDING & FERTILIZING

SEEDING SHALL BE DONE IN CONFORMANCE WITH SECTIONS 604.03 THROUGH 604.06 OF VDOT SPECIFICATIONS.

THE AREA TO BE SEEDED SHALL FIRST BE FERTILIZED WITH COMMERCIAL 10-10-10 FERTILIZER AT THE RATE OF 30 POUNDS PER THOUSAND SQUARE FEET AND TREATED WITH AGRICULTURAL LIME AT THE RATE OF 100 LBS. PER THOUSAND SQUARE FEET. THESE SHALL BE UNIFORMLY WORKED INTO THE SURFACE TO A MINIMUM DEPTH OF ONE INCH.

SEEDING SHALL BE DONE ONLY BETWEEN THE DATES OF FEB. 15 TO APRIL 15, OR BETWEEN SEPT. 15 AND NOV. 15, EXCEPT AS MAY BE OTHERWISE DIRECTED BY THE ENGINEER. SURFACE SHALL BE RAKED AND SMOOTHED TO ELIMINATE RIDGES AND DEPRESSIONS. AFTER PRELIMINARY RAKING, THE SEED SHALL BE SOWN AT THE RATE OF FOUR POUNDS PER SQUARE FEET, AS FOLLOWS:

20% PERENNIAL RYE
35% KENTUCKY 31 FESCUE
30% CREEPING RED FESCUE (ALL PERCENTAGES ARE BY WEIGHT)
15% REDTOP

SURFACE SHALL THEN BE LIGHTLY RAKED IN ORDER TO COVER SEED NO DEEPER THAN 1/4" AND THEN SPRINKLE WITH WATER. THE SEEDED SURFACE SHALL BE COVERED WITH STRAW OR HAY TO PREVENT EROSION AND PROTECT SEEDING. THE ENTIRE SEEDED SURFACE SHALL BE ROLLED WITH A CORRUGATED ROLLER AFTER SEEDING AND BEFORE COVERING WITH STRAW. CONTRACTOR SHALL PROTECT SEEDED SURFACES UNTIL A GOOD STAND OF GRASS IS OBTAINED. THE "HYDRO-SEEDING" METHOD OF SEED APPLICATION MAY BE USED, PROVIDED THE SEED RATE PER SQUARE FOOT IS THE SAME AS HEREINBEFORE SPECIFIED. THE MULCH RATE SHALL BE SUCH AS TO PROVIDE PROPER SEED PROTECTION AND PREVENT EROSION. IF, IN THE OPINION OF THE INSPECTOR OR ENGINEER, THE MULCH RATE USED (AS EVIDENCED BY SLOPES AFTER SPRAYING) IS NOT SUFFICIENT, THE CONTRACTOR SHALL BE REQUIRED TO INCREASE THE AMOUNT OF MULCH IN MIX. NO EXTRA WILL BE ALLOWED FOR ANY REQUESTED INCREASE.

REVISIONS

DATE	SHEET NUMBERS	DATE	SHEET NUMBERS

J. K. TIMMONS & ASSOCIATES, P.C.
CONSULTING ENGINEERS

OWNER AND DEVELOPER

THE CROSSINGS ASSOCIATES LIMITED PARTNERSHIP

LEGEND

ROADS

- STORM PIPE & STRUCTURE NO.
- DROP INLET & STRUCTURE NO.
- CURB
- CURB & GUTTER
- DRY CURB & GUTTER
- PROPOSED PAVEMENT
- PAVED DITCH
- 9" — DEPTH OF PAVED DITCH
- JUTE MESH OR SODDED DITCH
- 10" — DEPTH OF JUTE MESH DITCH
- EARTH DITCH
- 24" — DRIVEWAY CULVERT AND SIZE
- BENCH MARK
- CLEARING LIMITS
- SS — VDOT STANDARD STOP SIGN
- 200 — EXISTING CONTOUR
- 200 — PROPOSED CONTOUR
- (240.5) — EXISTING SPOT ELEVATION
- T/C 240.5 — PROPOSED SPOT ELEVATION

SEWER

- EXISTING SANITARY SEWER
- PROPOSED SANITARY SEWER
- SEWER CONNECTIONS
- 3 — 7605.8 / 9378.25 — M.H. NUMBER W/ STATION OR COORDINATE LOCATION

WATER

- EXISTING WATER LINE
- PROPOSED WATER LINE
- VALVE
- REDUCER
- PLUG
- CROSS
- TEE
- FIRE HYDRANT (COMPLETE)
- SINGLE SERVICE CONNECTION

EROSION CONTROL *

STR	STRAW BAIL BARRIER	1.05
TLD	TEMPORARY DIVERSION DIKE	1.15
TST	TEMP. SEDIMENT TRAP	1.25
SB	SILT BASIN	1.26
IP	INLET PROTECTION	1.08
SF	SILT FENCE	1.06
CE	CONSTRUCTION ENTRANCE	1.01

* VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK SPEC. NO.

RELEASED FOR CONSTRUCTION
Nov. 25 1992
Land disturbing activity only

APPROVED
COUNTY ENGINEER

DATE: OCTOBER 5, 1992
TAX MAP #: 94-(A)-1 & 1A

COMMONWEALTH OF VIRGINIA
EDWARD L. GLASS
No. 17984
PROFESSIONAL ENGINEER

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8803 STAPLES MILL ROAD
RICHMOND, VIRGINIA 23228
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4411 CROSSINGS BOULEVARD
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ARCHITECTS
LANDSCAPE ARCHITECTS

SURVEYORS
711 NORTH COURTHOUSE ROAD
RICHMOND, VIRGINIA 23236
TELEPHONE: (804) 794-3500

PLANNERS
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TELEPHONE: (804) 458 - 8585

PROJECT: CROSSINGS NORTH

OWNER & DEVELOPER: THE CROSSINGS ASSOCIATES LIMITED PARTNERSHIP

JOB NO. 15132