Metric

EXISTING RIGHT-OF-WAY

CONSTR. CL STA. STOP BAR SEE VTRANS STD DWG E-193M (300mm)

R=10.0m

CONSTR. CL STA. 10+081.000 LT BEGIN WHITE EDGELINE (100mm)

CONSTR. CL STA. 10+048 RT R1-1 STOP SIGN SEE VTRANS STD DWG E-121M

CONSTR. CL STA. 10+081.000 CL BEGIN DOUBLE YELLOW CENTERLINE (100mm)

R=3.0m

N: 72339.398
E: 495047.508

N: = 72345.277
E: = 495081.855

CONSTR. CL STA. 10+100.00 W2-2 T INTERSECTION SIGN

CENTERLINE CURVE #2
Included angle = 00-23-36
Radius = 8000.000m
Tangent length = 27.463m
Arc length = 54.925m
Chord length = 54.925m
External secant = 0.047m
Mid ordinate = 0.047m
Bank = N.C.

N: = 72343.289
E: = 495202.453

R=4.0m

R=3.0m

N: = 72340.664
E: = 495322.879

CENTERLINE CURVE #3
Included angle = 08-50-36
Radius = 1000.000m
Tangent length = 77.326m
Arc length = 154.344m
Chord length = 154.191m
External secant = 2.985m
Mid ordinate = 2.976m
Bank = N.C.

R=1.3m

R=3.0m

0.9m

3.0m

3.0m

S89°08'42"E
65.691m

S88°45'06"E
120.454m

3.6m

3.6m

0.9m

10+000

N69°43'09"E
42.084m

R=3.0m

R=5.0m

R=2.0m

N: = 72344.297
E: = 495147.538

R=3.0m

PT = 10+197.744

PC = 10+142.819

EXISTING RIGHT-OF-WAY

R=3.0m

R=3.0m

R=3.0m

R=3.0m

PC = 10+318.198

R=3.0m

R=3.0m

EXISTING RIGHT-OF-WAY

CONSTR. CL STA. 10+048.0 RT BEGIN WHITE EDGE LINE (100mm)

CONSTR. CL STA. ~~10+045.0~~ 10+065 RT VERMONT 121 EAST SEE STD. E-136 CM

CONSTR. CL STA. ~~10+065.0~~ 10+100 RT R2-1 SPEED LIMIT SIGN (30 MPH)

N: 72324.811
E: 495008.033

CONSTR. CL STA. 10+120 RT ENTERING VILLAGE SEE STM E-131M

CENTERLINE CURVE #1
Included angle = 21-08-09
Radius = 95.000m
Tangent length = 17.724m
Arc length = 35.044m
Chord length = 34.846m
External secant = 1.639m
Mid ordinate = 1.811m
Bank = N.C.

ROCKINGHAM

GRAFTON

NOTE:

1) ALL SIGNS TO BE SET ARE NEW. ALL EXISTING SIGNS ARE TO BE REMOVED AND SALVAGED TO THE TOWN OF ROCKINGHAM.

2) ALL SIGNS AND PLACEMENT SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

3) ALL DOUBLE YELLOW CENTERLINES AND STOP BARS SHALL BE DURABLE PAVEMENT MARKINGS. WHITE EDGE LINES SHALL BE PAINT PAVEMENT MARKINGS.

4) MATCH WIDTH OF EXISTING DRIVEWAYS AT LIMITS OF PROPOSED DRIVEWAY.

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	NAD 1927

V:/1261/CADD/PLANS/MARKS-C2.DWG

GRAPHIC SCALE
(IN METERS)

1 : 500

THE LOUIS BERGER GROUP, INC.

SIGNING, PAVEMENT MARKING, AND ALIGNMENT PLAN

PROJECT: GRAFTON-ROCKINGHAM, ROUTE 121	PROJECT NO. : STP 0126(4)S
DESIGN FILE NAME:	
IPARM FILE NAME:	PLOT DATE: 12/08/03
SURVEYED BY:	SURVEY DATE:
SQUAD LEADER:	DRAWN BY:
	SHEET: 28 OF 116