SUFFOLK DISTRICT DESIGN UNIT

REVISED	FHWA REGION	STATE	FEDERAL AID PROJECT	STATE ROUTE	STATE PROJECT	SHEET NO.
04/21/97 05/28/97 06/04/97	3	VA.		603	0603-099-141, C-503	5

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

5-1 I - ST'D. DROP INLET DI-3B, L=4' REQ'D.
INV.(101.98), HEIGHT = 3.92'

5-1 5-2 30' - 15" CONC. PIPE REQ'D.
INV.IN (101.98), INV.OUT (101.88)
HEIGHT OF COVER 2.5'

5-2 I - ST'D. DROP INLET DI-3B, L=4' REQ'D.
INV.(101.88), HEIGHT = 4.27'

43' - 15" CONC. PIPE REQ'D.
INV.IN (101.88), INV.OUT (101.49)
HEIGHT OF COVER 2.0'
I - END SECTION ES-1 REQ'D.
INV.(101.49)

5-3 I - ST'D. DROP INLET DI-3B, L=6' REQ'D.
INV.(100.67), HEIGHT = 4.85'

5-3 5-4 30' - 15" CONC. PIPE REQ'D.
INV.IN(100.67), INV.OUT (100.57)
HEIGHT OF COVER 3.50'

5-4 I - ST'D. DROP INLET DI-3A REQ'D.
INV.(100.47), HEIGHT = 5.23'

5-4 5-6 85' - 15" CONC. PIPE REQ'D.
INV.IN (100.47), INV.OUT (100.20)
HEIGHT OF COVER 4.0'

5-6 I - ST'D. DROP INLET DI-3A REQ'D.
INV.(100.10), HEIGHT =6.12'

5-5 5-6 65' - 15" CONC. PIPE REQ'D.
INV.IN (100.41), INV.OUT (100.20)
HEIGHT OF COVER 3.0'

5-5 I - ST'D. DROP INLET DI-1 REQ'D.
INV.(100.41), HEIGHT =2.92'

5-6 60' - 15" CONC. PIPE REQ'D.
INV.IN (100.10), INV.OUT (99.90)
HEIGHT OF COVER 3.0'
I - END SECTION ES-1 REQ'D.
INV.(99.90)

122.50 S.Y. PG-2A TYPE "E" REQ'D. LT.

135'x160' TEMPORARY DRAINAGE EASEMENT

1 - TEMPORARY EROSION SEDIMENT CONTROL BASIN REQ'D. (SEE DETAIL ON SHEET 28)
797 C.Y. EROSION SEDIMENT BASIN EXCAVATION
399 C.Y. EROSION SILTATION EXCAVATION

97.50 S.Y. PG-2A TYPE "E" REQ'D. LT.

003
Wilkinson Associates
DB 433 PG 163

PROP. R/W

PROP. 10' TEMPORARY CONSTRUCTION EASEMENT

P.O.C. 58+96.58
Δ = 89°59'59"

PC 58+27.800

PC 58+12.74

603
Δ = 18°54'54" Lt.
D = 5°19'30"
T = 179.240'
L = 355.219'
R = 1076.000'
PC 58+27.800
PI 60+07.040
PT 61+83.019

CONSTR. ℄
DELTA = 18°54'54.54"LT.
D = 5°0'0.00"
T = 190.89
L = 378.30
R = 1145.92
PC 58+12.74 (A)
PI 60+03.63 (A)
PT 61+91.04 (A)
LS = 200'
E = 0.04
V = 50 MPH

200' X 20' PERMANENT DRAINAGE EASEMENT

1 - TEMP. SEDIMENT TRAP REQ'D.
226 C.Y. SEDIMENT TRAP EXCAVATION
143 C.Y. SILTATION EXCAVATION

TEMPORARY CONSTRUCTION EASEMENT

PI 61+91.04

SHEET NO. 6

SHEET NO. 4

MATCH LINE STA. 47+00

MATCHLINE

PROP. ST'D. MS-1A

PROPOSED ACQUISITION LINE

BEG. CONN. RTE. 603 (CLARK LANE)
STA. 10+38.80

004
JOSEPH PIGGOTT Est.
DB25 PG488
5J6loc

003
WILKINSON ASSOCIATES
DB433 PG163

003
WILKINSON ASSOCIATES
DB433 PG163

CLARK LANE

PC 10+86.07

PC 10+86.069

DELTA = 16°59'29" (C)
D = 5°0'0.00"
T = 157.40
L = 257.85
R = 1076.00
PC 10+86.07 (C)
PI 12+43.92 (C)
PT 13+43.92
LS = 200'
E = 0.04
V = 50 MPH

POT 9+91.720
PC 10+00.000

END CONN. RTE. 603 (CLARK LANE)
STA. 14+11.80

RTE 603 SURVEY CL
Δ = 18°13'19" Rt.
D = 10°30'00"
T = 87.509'
L = 173.541'
R = 545.670'
PC 64+18.441
PI 65+05.950
PT 65+91.982

RTE 603 CONSTR CL
Δ = 17°56'29" Rt.
D = 7°30'00"
T = 120.596'
L = 239.218'
R = 763.944'
PC 63+10.482
PI 64+31.078
PT 65+49.700

CLARK LANE
Δ = 26°57'37" Rt.
D = 18°10'08"
T = 75.593'
L = 148.386'
R = 315.350'
PC 10+00.000
PI 10+75.593
PT 11+48.386

EXISTING RIGHT OF WAY ACQUIRED UNDER
PROJ. 0603-099-141, M-502 & 0603-099-173, M-501

SCALE 0 50' 100'

C ___ Denotes Construction Limits In Cuts

F ___ Denotes Construction Limits In Fills

-·-·- Figures in parenthesis and dot-dot-dashed lines denote temporary easements.

-·-·- Figures in brackets and dot-dot-dashed lines denote permanent easements.

144' - 36" PIPE REQ'D. Y-DRAIN
INV.IN (85.00), INV.OUT (84.40)
HEIGHT OF COVER 7.0'
36" PIPE TO BE EXCAVATED 1' BELOW BOTTOM OF PIPE AND BACKFILLED WITH 1' OF BEDDING MATERIAL NUMBER 25 OR 26
APPROXIMATELY 88 TONS BEDDING MATERIAL NUMBER 25 OR 26.
2 END WALL ST'D. EW-1 REQ'D.
120 TONS OF EROSION CONTROL STONE EC-1 CLASS 1 REQ'D. LT.

97.50 S.Y. PG-2A TYPE "E" REQ'D. RT.

DENOTES TEMP. SILT FENCE REQD.

DENOTES ROCK CHECK DAM TYPE II REQD.

SURVEYED BY
SUPERVISED BY E. N. HOLLOWELL
DESIGNED BY R. T. SCOTT, JR.
CADD OPERATOR P. B. MARSHALL
REVISED BY

(757) 925-2558

08/07/97 6:40:35

PLAN NO.	PROJECT	FILE NO.	SHEET NO.
A	0603-099-141		5