PROJECT REFERENCE NO.	SHEET NO.
U-2408	EC-41/CONST.10
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

2.5 0 5

CONST.REV.

R /W REV.

"NC GRID" NAD 83

MATCHLINE -L- STA 19+00 SHEET 9

MATCHLINE -L- STA 20+60 SHEET 11

8 x 2 x 1
2 weir

+20.000
38.000m
124.67'

+40.000
39.000m
127.95'

+60.000
39.000m
127.95'

+81.000
36.000m
118.11'

+03.000
39.000 LT
127.95'

+08.000
39.000 LT
127.95'

+89.000
30.410m
99.77'

+02.000
EXIST R/W

+07.000
EXIST R/W

EXISTING R/W VARIABLE ACCORDING TO NCDOT PROJECT NO: 8.1632901

-L- CS Sta.19+53.705

END 1800 mm CHAIN LINK FENCE -L- STA.19+97.312

-L- POT Sta.20+57.612
-RR- POT Sta.11+00.894

-LBL- 8 Sta.15+85.172
(-L- Sta.20+06.157 8.260 LT)

BEGIN APPR.SLAB
-L- POT Sta.20+01 +/-

BEGIN BRIDGE
-L- POT Sta.20+18.622

BEGIN CONSTRUCTION
-SR2- PC Sta.10+12.310

-SR2- PC Sta.10+11.571

-SR2- POT Sta.10+03.980

-L- ST Sta.20+05.705

RR POT Sta.10+00.000

RETAIN EXISTING SYSTEM

RETAIN

REMOVE

TYPE III

75 FULL LANE

48.705 TAPER

90 TAPER (BOTH SIDES)

75' SIDE WALK

GRADE 350

CLARENCE W. SMITH
D.B. 1794 PG. 58

JERRY B. MANTOOTH
D.B. 1300 PG. 134
TAX # 11-18-127.02

MABEL MANTOOTH
D.B. 522 PG. 46

ALLEN L. MANTOOTH, ET ALS
D.B. 2293 PG. 159

CLASS B RIPRAP
1.8 TONS
5.9 S.M. FF

LATERAL 0.6m BASE DITCH
SEE DETAIL #2

TIE TO EXIST DITCH

S 45° 23'7" E

S 37° 50' 14" E

S 67° 49' 55.0" E

NC 274 BESSEMER CITY RD -L-

SOUTHERN RY

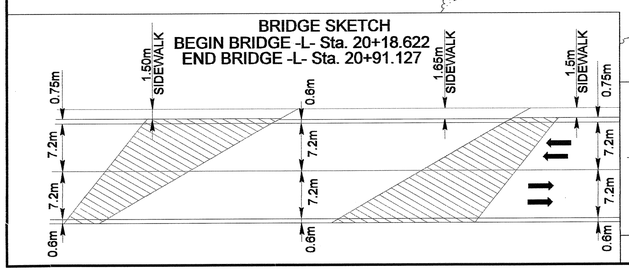
60.960 MOREHEAD & SOUTHERN EASEMENT

R.R. EASEMENT

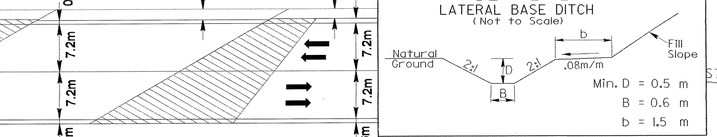
STONIA CORPORATE LIMITS (PB 39 PG 6)
CROWDERS MOUNTAIN TOWNSHIP

-L- STA 19+20 TO STA 19+86 RT

BRIDGE SKETCH
BEGIN BRIDGE -L- Sta. 20+18.622
END BRIDGE -L- Sta. 20+91.127



DETAIL #2
LATERAL BASE DITCH
(Not to Scale)



Min. D = 0.5 m
B = 0.6 m
b = 1.5 m

SEE SHEET S- TO S- FOR STRUCTURE PLANS
FOR CURVE DATA SEE SHEET 21
FOR -L- PROFILE SEE SHEET 37
FOR -SR2- PROFILE SEE SHEET 59