8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-2610 A	EC-47/CONST.21
R /W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

METRIC

5 0 10

CONST.REV.

R /W REV. 03-14-02

SEE SHEET 35 FOR -L- PROFILE
SEE SHEET 43 FOR -Y8- PROFILE
SEE CROSS-SECTIONS AND ROADWAY STANDARD DRAWINGS STD. No. 862.01 SHEET 1 FOR SPECIAL MEDIAN GRADING

NAD 83 NC GRID

MATCHLINE -L- 65+20 SEE SHEET 20

MATCHLINE -L- 68+60 SEE SHEET 22

(37)
EARL W. GOLDSTON
DB 248 PG 340
DB 342 PG 206
DB 342 PG 208
DB 342 PG 204
DB 356 PG 438
DB 243 PG 621
PLATSLIDE 90-297

7 x 3 x 1 1.5 weir

LINE STREAM EMBANKMENT SEE DETAIL 18B

-L- +57.000
28.042m & 36.000m
(92.00 ft & 118.11 ft)

-L- +69.000
28.042m & 36.000m
(92.00 ft & 118.11 ft)

DITCH CLEANOUT SEE DETAIL 18C

30.753 S84°21'05"W

66+34.705
35.126

-Y8- POT Sta. 12+33.129
-L- POT Sta. 67+57.408

7 x 3 x 1 1.5 weir

END FENCE
12+62.691
22.849

BY7-730 PINC 6+99.839 =
Y8- 12+63.597
4.608 m LT

1200 mm WW & ISBW

375 mm CONC

-Y8-

MTL

SR 2135 ST LUKE'S CHURCH RD 7.2 BST

EXISTING R/W

150 mm CMP

EARL W. GOLDSTON
DB 248 PG 340
DB 342 PG 206
DB 342 PG 208
DB 342 PG 204
DB 356 PG 438
DB 243 PG 621
(37A)

-L- +38.000
48.464m
(159.00 ft)

-L- +59.000
57.000m
(187.01 ft)

13+11.512
18.338
BEG FENCE

J-HOOK VANES
RIP-RAP
STA 1+10
STA 1+29
STA 1+43

SEE SHT. NO. 2-J FOR STREAM RELOCATION DETAIL & SHEET 49 FOR STREAM PROFILE

RETAIN 2.4 CONC WW

RETAIN 1800 mm CONC

RETAIN 3.6 CONC HW 1.4 CONC WW

RETAIN 3.4 CONC HW 1.4 CONC WW

RETAIN 3.4 CONC HW

RETAIN 1.4 CONC WW

RETAIN

99.244

900 mm TAPER

GRAU 350

-BL- POT 66+74.193 =
BY7-AH POT 7+33.478
(NOT SET)

N 16° 29' 59.4" W

REMOVE 1m 750 CONC

(105)
750

7.2m

7.0m

F.O. CONC

2-CI TYPE D

C

RETAIN

RETAIN 750mm CONC

CONC DITCH RETAIN

CONC DITCH RETAIN

BEGIN SPECIAL GRADING
-L- STA. 65+89.447

US 421 7.2 BST

GRAU 350

IAU-350

XI MOD

XI MOD

XI MOD

RETAIN

CONC DITCH

450mm CONC

CONC & STEEL

N 88° 12' 19.9" W

CAT-1

2.2 CONC HW

2.2 CONC WW

3.1 CONC WW

67+75.399
32.829

67+20.356
39.224

66+60.580
40.979

END FENCE

-L- 67+80
BEGIN SAWCUT
EXIST PAVT.

-BL- POT 67+09.099 =
-L- 67+88.943
0.0m OFFSET
-7.5 ELEV=716.630
REBAR, NO CAP

0.6m PS

7.0m

IAU-350

C

CONV.

F.O. CONC

GI

315 mm CONC

1200 mm WW & ISBW

1200 mm WW & ISBW

1200 mm WW & ISBW

1500 mm MTL

1500 mm MTL

S

(37)
EARL W. GOLDSTON
DB 248 PG 340
DB 342 PG 206
DB 342 PG 208
DB 342 PG 204
DB 356 PG 438
DB 243 PG 621
PLATSLIDE 90-297

R.G. BYNUM
DB 308 PG 42

ANNE G. ASKINS
DB 665 PG 755

EXISTING R/W

10.5 T

T.O.L.

SR 2135 ST LUKES CHURCH RD T.O. BST

MTL

EXISTING R/W 10.5m WW & ISBW

IR=2.544
N39°35'22"E

12-NOV-2003 10:38
d:\raw\plural\r-2610a\pro\r-2610ea21.psh
mlaugesch