CONTRACT NO. 84986

Federal Aid Route No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1 - 1	ROCK ISLAND	229	100
FED. ROAD DIST. NO. 7	ILLINOIS	PROJECT		

SHEET 1 OF 15

B.M. Chiseled "□" N. Center Of Light Base. 46' Rt. Sta. 113+09, Elev. 588.21
No Existing Structure.

Proposed Anchored Retaining Wall "A"
Boring & Inclinometer #6
B-8 (1985)
Boring & Inclinometer #3
B-7 (1985)
B-8 (Supplemental)
B-12 (Supplemental)
B-5 (Supplemental)
Boring & Inclinometer #1
B-10
B-8
B-6 (1985)
Boring & Inclinometer #5
Proposed Cantilevered Retaining Wall "C"
Adjust San. Sewer, See Roadway Plans
B-11
B-12
Boring & Inclinometer #2
B-5
Boring & Inclinometer #4
Back Of M-6.24 Concrete Curb & Gutter.
Proposed Anchored Retaining Wall "B"
Meet Existing Concrete Retaining Wall

R.O.W. BRUSH U.T. BIT. PARKING LOT 90' Lt. 111+15.5 ℄ Relocated C.E. B.M. BASE R.O.W. Exist. Slope = 4:1 3:1

P.E. + 25 +00 +20 +52 +65 +24 +64 P.C. STA. 112+55.96

15" S.S. 8" G 18" SAN. S. 4" G 12" W 6" W 4" SAN. S. 1¼" G

41'-0" 51'-0" 42'-0" 3'-0"

109 ℄ F.A. 595 110 111 BLACKHAWK 112 ROAD 113 114 ℄ F.A. 595 115

ROCKS & SHRUBS 4" SIGN R.O.W. M.B. H P.L. 34TH STREET C.E. + 20 BIT. PARKING LOT C.E. + 29 C.E. + 80 CITY OF ROCK ISLAND ROCK ISLAND COUNTY P.E. + 85

PLAN

CURVE DATA

P.I. STA. 117+38.23
Δ = 9° 37' 22"
D = 1° 00'
R = 5729.58'
T = 482.27'
L = 962.28'
E = 20.26'
S.E. = 0.021
Attain Super In 225' Sta. 111+04 - 113+31

P.C. STA. 113+00 ELEV. 585.14 | P.I. STA. 114+00 ELEV. 588.94 | P.T. STA. 117+00 ELEV. 598.94 | V.C. = 400' X = -0.70'

+1.90% +0.50%

PROFILE GRADE F.A. RTE. 595

Top Of Proposed Cantilevered Retaining Wall "C"
Proposed Roadway Grade
Ground Profile Front Face Of Wall "C"
Bottom Of Concrete Facing
Adjusted 8" San. Sewer

+00 Elev. 581.25 | +24 Elev. 584.85 | +50 Elev. 587.15 | +00 Elev. 588.25 | +50 Elev. 585.45 | +65.00 Elev. 584.61
15.0% 8.8% 2.2% -5.6%
1'-6" Min.

+00 Elev. 575.36 | +31.17 Elev. 571.74 | +75.17 Elev. 571.74 | +19.17 Elev. 572.68 | +65.00 Elev. 575.05

ELEVATION VIEW

111+20 Elev. 601.40 | +46 Elev. 604.0 | 111+52 Elev. 604.0
10.0% 0.29% -0.21%
Top Of Wall "A" Elev. 604.13 Sta. 111+90.5
Bottom Of Concrete Facing For Wall "A"
Ground Profile At Face Of Wall "A"
3'-0" MIN.
Soldier Pile Socketed 5'-0" Minimum Into Shale.

112+51 Elev. 591.5 | 113+02 Elev. 593.0 | 113+64 Elev. 592.5
2.94% -0.81%
24.07%
112+24 Elev. 585.0
Ground Profile At Face Of Wall "B"
Elev. 582.00
Bottom Of Concrete Facing For Wall "B"

PT. 111+55 ELEV. 596.0 | P.C. 111+35 | P.I. 111+25 ELEV. 596.96 V.C. = 20 X = 0.31' | 90' LT. 111+70 ELEV. 591.62 | P.T. 53.5 LT. | P.C. 33.5' LT. ELEV. 582.88 | P.I. 43.5' LT. ELEV. 583.28 V.C. = 80' X = +0.20'
-0.4% +12.00% +4.00%
PROPOSED GRADE LINE ALONG ℄
F.A. 595

PROFILE GRADE RELOCATED C.E. (LT. STA. 112+10)

NOTE:
SEE SHEETS 3 & 4 FOR SHALE PROFILES.
SEE SHEET #2 FOR GENERAL NOTES AND BILL OF MATERIAL.

Range 2 W. 4th P.M.
PROJECT LOCATION 35th Street 44th St. Road Blackhawk ROCK RIVER TWP. 32 N.
LOCATION MAP

Exp. 11-30-92
R. L. Logsdon
6-18-92
REGISTERED STRUCTURAL ENGINEER DONALD L. LOGSDON 081-003641 ILLINOIS

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

PREPARED BY
MISSMAN, STANLEY & ASSOCIATES
Consulting Civil Engineers
ROCK ISLAND, ILLINOIS

GENERAL PLAN
RETAINING WALLS "A", "B" & "C"
F.A. ROUTE 595 SECTION 1-1
ROCK ISLAND COUNTY

PLAN: SURVEYED / PLOTTED / QUANTITIES CHECKED / ALIGNMENT CHECKED / R/T OF WAY LINES CHECKED / NOTE BOOK / NO

PROFILE: SURVEYED / PLOTTED / QUANTITIES CHECKED / ALIGNMENT CHECKED / R/T OF WAY LINES CHECKED / NOTE BOOK / NO / STRUCTURE NOTATIONS CHECKED

DATE BY

HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL DOT
TELEDYNE
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