INDEX OF SHEETS

NO. 1 TITLE
NO. — TYPICAL CROSS SECTIONS
NO. — ESTIMATE OF QUANTITIES
NO. — MISCELLANEOUS QUANTITIES
NO. — RIGHT OF WAY PLAT
NO. 2-8 PLAN AND PROFILE STA. 8+00 TO STA. 157+17.0 PROJ. S 1158(2) &
~~STANDARD DETAILS~~ STA 57+27.4 TO STA 15+00.0 PROJ. S 039(9)
NO. — DRAINAGE STRUCTURES
NO. — CROSS SECTIONS

CITY AND HIGHWAY	ROUTE AND SECTION	CLASS AND AGREEMENT STATE	CLASS AND AGREEMENT FEDERAL	BPR REGION DIVISION	SHEET NUMBER	SHEETS IN SERIES
37.6	1158.0		112	4	1	8
37.6	39.0		119	WIS		

STATE OF WISCONSIN

STATE HIGHWAY COMMISSION OF WISCONSIN

PLAN AND PROFILE OF PROPOSED

S.T.H. 97 – C.T.H. "H" ROAD

MARATHON COUNTY

PROJECT S 1158 (2)

C.T.H. "P"

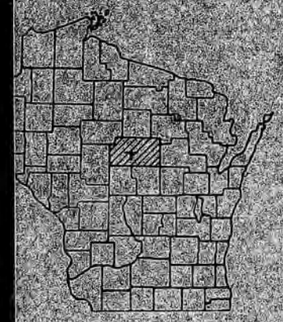
S.T.H. 153 – C.T.H. "P" ROAD

MARATHON COUNTY

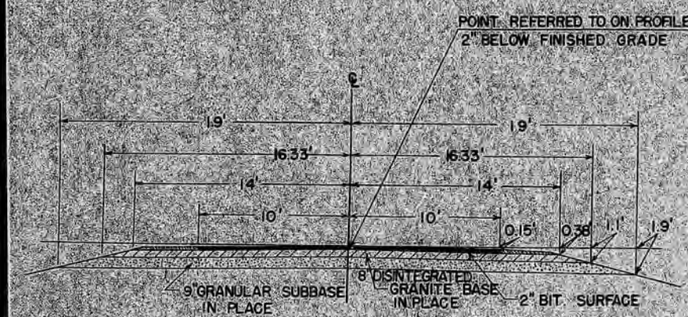
PROJECT S 039(9)

C.T.H. "M"

Edmonds Building



SCALES { PLAN 1 IN. = 100 FT. PROFILE HOR. 1 IN. = 100 FT. VERT. 1 IN. = 10 FT.

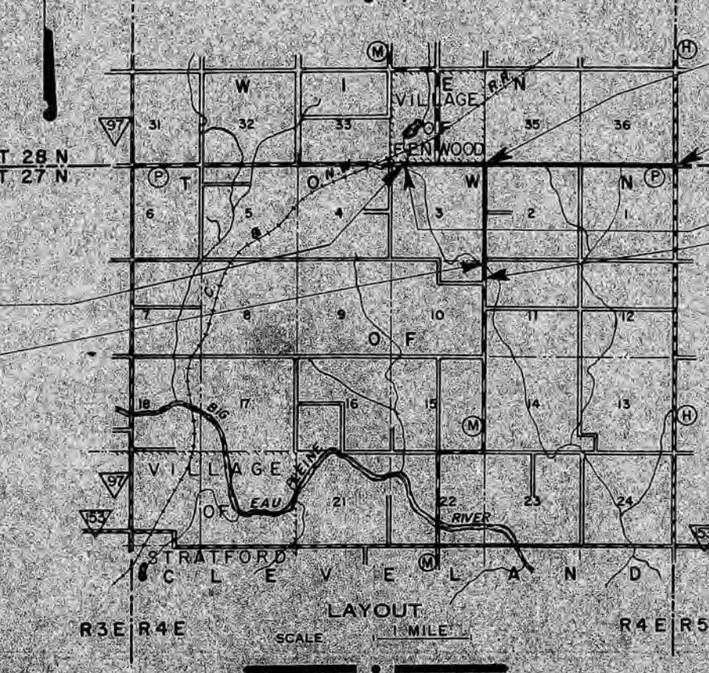


TYPICAL SECTION

NOTE: WHEN THE QUANTITY OF THE ITEMS OF SUBBASE, BASE, OR SURFACE COURSE IS MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL DIRECTED BY THE ENGINEER.

BEGINNING OF PROJ. S1158 (2) STA. 8+00=
BEGINNING OF PROJ. S1158 (1) STA. 8+00=
800 EAST OF N.W. COR OF SEC. 3, T 27 N, R 4 E

EXCEPTION TO NET LENGTH OF CENTERLINE
STA. 105+57.5 TO STA. 106+21.25



NET LENGTH OF CENTERLINE = 2.815 MI. (PROJ. S 1158(2))
NET LENGTH OF CENTERLINE = 1.176 MI. (PROJ. S 039(9))
TOTAL NET LENGTH OF CENTERLINE = 3.991 MI.

PROJECT S1158(2) STA. 52+27.4 =
END OF PROJ. S1158 (1) STA. 52+27.4 =
BEGINNING OF PROJ. S039 (7) 8(9)

END OF PROJECT S1158(2) STA. 157+17.0
S.E. CORNE OF SEC. 36 T28N R4E=

EXCEPTION TO NET LENGTH OF CENTERLINE
STA. 9+74.25 TO STA. 10+25.75

END OF PROJ. S039(9) STA. 115+00=
END OF PROJ. S039 (7) STA. 115+00=
1094.7 FT. SOUTH OF S.E. CORNER SEC. 3, T 27 N, R 4 E

NOTE: PLAN AND PROFILE SHEETS ARE INCLUDED TO SHOW PROFILE AND ALIGNMENT ONLY, OTHER INFORMATION NOT PERTINENT TO THIS CONTRACT

CONVENTIONAL SIGNS

CULVERTS IN PLACE	
CULVERTS REQUIRED	
DROP INLET	
POWER POLE	
TELEPHONE OR TELEGRAPH POLE	
RIGHT OF WAY MARKERS	
REFERENCE STAKE FOR HUBS ONLY	
MARSH	
HEDGE	
TREES	
GROUND ELEVATION	DATUM LINE
GRADE ELEVATION	DATUM LINE

ESTIMATE OF QUANTITIES PROJ. S1158(2)

ITEM NO.	QUANTITY	UNIT	ITEM
2203-1	550	CU. YD	GRAVEL OR CRUSHED STONE BASE COURSE
2310-1	149	STA.	PREP. OF ROADBED FOR BIT. SURFACE
2313-1	33,050	SQ. YD	BITUMINOUS ROAD MIX SURFACE
2313-2	2,300	CU. YD	AGGREGATES FOR BIT. ROAD MIX SURFACE
2313-3	61,750	GAL.	BITUMINOUS MATERIAL FOR SURFACE COURSE

NET ℄ LENGTH 14865.50 LIN. FT.

THIS PROJECT IS TO BE EXECUTED UNDER THE STANDARD SPECIFICATIONS FOR ROADAND BRIDGE CONSTRUCTION OF THE STATE HIGHWAY COMMISSION OF WISCONSIN - EDITION OF 1957, APPROVED AUGUST 9, 1957, AND SPECIAL PROVISIONS AS ATTACHED TO THE PROPOSALS.

ESTIMATE OF QUANTITIES PROJ. S039(9)

ITEM NO.	QUANTITY	UNIT	ITEM
2203-1	235	CU. YD	GRAVEL OR CRUSHED STONE BASE COURSE
2310-1	63	STA.	PREP. OF ROADBED FOR BIT. SURFACE
2313-1	13,800	SQ. YD	BITUMINOUS ROAD MIX SURFACE
2313-2	960	CU. YD	AGGREGATES FOR BIT. ROAD MIX SURFACE
2313-3	21,600	GAL.	BITUMINOUS MATERIAL FOR SURFACE COURSE

NET ℄ LENGTH 6208.85 LIN. FT.

STATE HIGHWAY COMMISSION OF WISCONSIN
MADISON, WISCONSIN

SURVEYOR NOTE BOOK
DISTRICT COMPUTER M.D. CHECKER
DISTRICT CHECKER CORRECT

CORRECT
DATE 11/15/60 DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL
DATE 11/25/60 ENGINEER OF DESIGN

APPROVED
DATE 11/25/60 STATE HIGHWAY ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED [redacted]
DATE [redacted]
DIVISION ENGINEER

C.T.H. "P" – MARATHON COUNTY

BENCH MARKS					
1	0+10L	SPIKE IN 15" ELM	85'N	1268.20
2	10+31	"	10" ELM	70'N	1268.38
3	24+94	"	15" ELM	70'N	1268.20

DIVISION	PROJECT	SHEET	SHEETS
4	S.1158(2)	2	3

N

SEC 3,4 T 28 N R 4 E

SEC 4 T 27 N R 4 E

SEC 3 T 27 N R 4 E

20° 00'

CORNERSTONE 41.25' TO IRON N.

179° 59'

CORNERSTONE 41.25' TO IRON N.

+00.0

VILLAGE OF FENWOOD CORPORATE LIMITS

SW-SW-EX. – CLARENCE WEBBNER

SE-SW-EX. – THEODORE RUSCH

NW-NW-ALVINA HABER – NE-NW

VILLAGE OF FENWOOD

FENWOOD CREEK

+34.2

41.25

41.25

5

15

20

25

TO S.T.H. 97

P.E.

P.E.

P.E.

13°24'
0 4+00

28+17.75

27+25.25

13°24'

13°24'

13°24'

C. H. "P" - MARATHON COUNTY

BENCH MARKS				
3	24+94	SPIKE IN 15" ELM - 70' RT		1268.20
4	40+14	" " 12" NOR. EL. - 60' LT		1303.37
5	55+51	" " 12" OAK - 40' LT		1324.67

SEC 34 T 28 N R 4 E

SW-SE-EX. - ALVINA HAGER

SE-SE - AL. WEISENBERGER

VILLAGE OF FENWOOD

SEC 3 T 27 N R 4 E

NW-NE - WARREN HAGER - NE-NE

CORNERSTONE 1.1' W. & 0.8' TOP IRON S.

CORNERSTONE 0.4' S. & 0.7' TOP IRON W.

CORNERSTONE 0.1' TOP IRON N. 2.1' TOP IRON W. 0.8' N. & 0.8' W. TOP IRON N.

179° 28'

90° 15'

51° 15'

"A" + 86.25

"A" + 41.25

27+25.25

41.25

41.25

30

35

40

46

50

P.E.

R.E.

52+27.4

52+27.4

50+86.14

53+68.65

53+86.65

VILLAGE OF FENWOOD CORPORATE LIMITS

TO STH 107

END OF PROJECT SJ158(1) STA. 52+27.4
= BEGINNING OF PROJECT S039 (7)(9)

NET LENGTH OF ℄ STA. 27+00 TO STA. 52+27.4 = 2527.4 LINEAL FT.

OLD R/W = 4 RODS — WIEN RECORDS A-49 1880

R.A.D. 12°30'00"
E.L. 458.60

R.A.D. 10°00'00"
E.L. 573.00

R.A.D. 7°00'00"
E.L. 818.60

R.A.D. 5°30'00"
E.L. 1042.00

R.A.D. 4°30'00"
E.L. 1273.80

P.C. 27+00
E.L. 1297.80

P.C. 28+00
E.L. 1298.30

P.C. 29+00
E.L. 1298.30

P.C. 30+00
E.L. 1298.30

P.C. 31+00
E.L. 1298.30

P.C. 32+00
E.L. 1298.30

P.C. 33+00
E.L. 1298.30

P.C. 34+00
E.L. 1298.30

P.C. 35+00
E.L. 1298.30

P.C. 36+00
E.L. 1298.30

P.C. 37+00
E.L. 1298.30

P.C. 38+00
E.L. 1298.30

P.C. 39+00
E.L. 1298.30

P.C. 40+00
E.L. 1298.30

P.C. 41+00
E.L. 1298.30

P.C. 42+00
E.L. 1298.30

P.C. 43+00
E.L. 1298.30

P.C. 44+00
E.L. 1298.30

P.C. 45+00
E.L. 1298.30

P.C. 46+00
E.L. 1298.30

P.C. 47+00
E.L. 1298.30

P.C. 48+00
E.L. 1298.30

P.C. 49+00
E.L. 1298.30

P.C. 50+00
E.L. 1298.30

P.C. 51+00
E.L. 1298.30

P.C. 52+00
E.L. 1298.30

600' V.C.

550' V.C.

7.5%

7.7%

7.7%

STA. 26+43 REMOVE 1-14' SPAN - 16' RDWY. T. BEAM CULVERT

STA. 26+88 CULVERT NO. C-37-20
TWIN 7'X5'X36' REINF. CONC. BOX CULVERT REQ'D.
SEE DRAWING X - 19630

STA. 49+97
1-24"x44' RCCP REQ'D
DITCH BLOCK REQ'D. RT.
REMOVE 1-18"X30' C.P.

C.T.H. "P" STA. 52+27.4

| | | | |

C.T.H. "P" — CLEVELAND & WIEN

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S1158(2)	4	8

BENCH MARKS			
1	52+25	SPIKE IN POW. POLE 22'L	315.79
2	74+21	" " 6" B. ELDER 48'L	354.68
3	88+58	" " 10" MAPLE 70'L	319.79
4	97+73	" " 8" MAPLE 47'L	332.78

179°52'
90°15'
CORNERSTONE
41.25 TO IRON N.
58.2 TO IRON SW
38.1 TO STOP SIGN SE
27.4

179°24'
CORNERSTONE
41.25 TO IRON N & S
45.2

180°05'
CORNERSTONE
41.25 TO IRON N.
50.0 TO IRON SW
47.6 TO STOP SIGN SE
73.1

SEC 35 T 28 N R 4 E

SEC 2 T 27 N R 4 E

SW-SW — WILLIAM SEIM

SE-SW — AMBER TUTTRUP

SW-SE — HENRY HALVERSON — SE-SE

NW-NW — DELBERT WETTERAU — NE-NW

NW-NE — RUEBEN DUNBAR

NE-NE — AUGUST SCHNELLE

82.5' 50 55 60 5 RODS 65 70 80 85 90 95 100 105

40.7 20 45.2 32 58.4 78 52 98

82.5'

STA. 52+27.4 PROJECT S1158 (2)
= END OF PROJECT S1158 (1) STA. 52+27.4
= BEGINNING OF PROJECT S039 (7)
= SW. COR. SEC. 35, T28N, R4E

NET LENGTH OF ℄ STA. 52+27.4 TO STA. 104+73.1 = 5,245.7 LINEAL FT.

OLD R/W = 3 RODS — CLEVELAND A-33 - 1896 & 4 RODS - WIEN - A-102

1.7 % 2.5 % 1.0 % 2.5 % 2.0 % 2.5 %

STA. 52+55
24" X 48' RCCP

STA. 89+50
24" X 48' RCCP

360 340 320 300 280

50 55 60 65 70 75 80 85 90 95 100 105 110

C.T.H. "P" - CLEVELAND & WIEN

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S1158(2)	5	8

BENCH MARKS			
5	114+69	SPIKE IN 15" MAPLE 63'L	311.81
6	127+87	" " 10" MAPLE 85'L	316.24
7	141+43	" " 6" APPLE 48'L	329.81
8	156+39	" " 10" ASH 57'R	303.18

180°05'
CORNERSTONE
41.25 TO IRON N.
50.0 TO IRON SW
47.6 TO STOP SIGN SE
73.1

180°12'
CORNERSTONE
41.25 TO IRON N & S
93.2

90°02'
179°50'
90°09'
CORNERSTONE
67.1 TO BLDG. SE
44.5 TO STOP SIGN NE
46.2 TO " " SW
59.2 TO GAS PUMP NW
17.0

SEC 36 T 28 N R4E

SEC 1 T 27 N R4E

SW-SW - HERBERT BRUNKE

SE-SW - LOUISE HERTZ

SW-SE - ROBERT KNETTER - SE-SE-EX.

NW-NW - EDWARD IMHOFF - NE-NW

NW-NE - HERBERT BRUNKE - NE-NE

105 110 115 120 130 135 140 145 150 160

5 RODS

4 RODS

KUYOTH

84.5 71.4 21.6 93.2 81 33 80 95.5 214.5' 51 36 33'

52 98 51 48

END OF PROJECT S 1158 (2)
STA. 157+17.0 = SE COR. OF SEC. 36, T 28N, R4E
= ℄ OF C.T.H. "H"

NET LENGTH OF ℄ STA. 104+73.1 TO STA. 157+17.0 = 5,243.9 LINEAL FT.

OLD R/W = 3 RODS - CLEVELAND A-33-1896 & 4 RODS - WIEN - A-102

2.5 %
0.3 %
1.5 %
2.5 %
0.0 %

360
340
320
300
280

STA. 108+57
24" X 48' RCCP

STA. 121+01
42" X 48' RCCP

STA. 152+88 - 30" X 48' RCCP
STA. 152+93 - 30" X 48' RCCP
STA. 152+98 - 30" X 48' RCCP
STA. 151+60 - 30" X 48' RCCP

STA. 156+92
24" X 46' RCCP

105 110 115 120 125 130 135 140 145 150 155 160

PLATE 1—PLAN PROFILE B. P. R. STANDARD
FREDERICK POST CO., CHICAGO

C.T.H. "M" - MARATHON COUNTY

B.F.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S039(7)	5	43
	S039(9)	6-8	

BENCH MARKS				
5	55+51	SPIKE IN 12" OAK	40' LT	1324.67
6	76+53	" " 20" OAK	85' RT	1286.61

179° 52'

89° 57'

CORNERSTONE
41.25' TO IRON N.
38.1 TO STOP SIGN SE
31.4 TO P. POLE SW
58.2 TO IRON SW

+27.4 TO S.T.H. 107

50+86.15

53+68.65

SEC. 2 T 27 N R 4E

NW-NW - DELBERT WETTERAU

SW-NW-EX. S-I-R — LESTER WETTERAU

STA. 57+00 - 64+00 PINES TO BE REMOVED

41.25

55 P.E. 60 65 P.E. 70 75 80 P.E.

+44.7 +90 +67 +93 +84

PUB. RD.

179° 43'

CORNERSTONE
41.25' TO IRON W. & E.
43.5 TO IRON SE

+68.7

27.4 = +27.4

53+68.65

50+86.15

41.25

+68.7

NE-NE-WARREN HAGER

SEC 3 T 27 N R 4E

SE-NE - LESTER WETTERAU

BEGINNING OF PROJECT S039(7)(9) STA. 52+27.4 =
END OF PROJECT S1158 (1) STA. 52+27.4

NET LENGTH OF ℄ STA. 52+27.4 TO STA. 81+00 = 2,872.6 LINEAL FT.

UNC. = 3203
F. = 2402
SHG. = 33 1/3 %

+46.2

UNC. = 943
F. = 708
SHG. = 33 1/3 %

+74.1

UNC. = 1293
F. = 969
SHG. = 33 1/3 %

+20.3

UNC. = 1561
F. = 1170
SHG. = 33 1/3 %

+1.7%

+1.7%

750' V.C.

P.C. 55+50
EL. 22.35

P.T. 63+00
EL. 17.47

- 3.0 %

P.C. 68+80
EL. 00.07

500' V.C.

P.T. 73+80
EL. 90.82

- 0.8 %

STA. 72+05
1-30" X 50' RCCP REQ'D.
REMOVE 1-30" X 30' C.P.

STA. 77+40
1-30" X 60' RCCP REQ'D.
STA. 77+56
REMOVE 1-24" X 30' C.P.

330 320 310 300 290 280 270 260

12.4 15.20 14.8 16.90 17.36 17.0 18.10 19.8 19.80 22.3 21.50 22.35 23.8 23.20 24.4 24.20 24.3 24.70 23.1 24.45 21.4 23.60 19.7 22.20 17.5 20.15 15.6 17.47 13.7 14.47 11.7 11.47 09.2 08.47 06.1 05.47 01.8 02.47 97.3 99.50 93.4 96.80 91.1 94.60 90.8 92.90 89.9 91.60 89.5 90.66 89.2 89.86 88.4 89.06 86.8 88.26 85.8 87.46 85.2 86.66 84.8 85.86 84.1 85.06

1 2+27 3 4 55 +50 6 7 8 9 60 1 2 3 4 65 6 7 8 9 70 1 2 3 4 75 6 7 8 9 80 1 2

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S039(7)	6	43

S039(9) 7-8

BENCH MARKS				
6	76+53	SPIKE IN 20" OAK	85' RT	1286.61
7	92+43	" " 20" OAK	65' RT	1274.34
8	106+47	" " 8" ELM	47' LT	1254.50

179°43'

CORNERSTONE
41.25' TO IRON W.
43.5 TO IRON SE

+68.7

SEC 2 T27N R4E

NW-SW – HUGO KIPP – SW-SW

PUB. RD. +84

80 +40 41.25 85 +46 P.E. +80 90 95 100 +60

41.25

+59 P.E. +93.0 +06 P.E. +45

+66.7

AL. WEISENBERGER – N. 50 A. – SE

SEC 3 T27N R4E

HUGO KIPP – SE-EX.

179°44'

CORNERSTONE
41.25' TO IRON W.
48.2 TO IRON SE
48.9 TO STOP SIGN NE

+05.3

2"C"+50 2"C"+50

35' PUB. RD. 35'

+80 +31

1"C"+00 1"C"+00

103+11.55 104+99.1 105

STA. 104+05.3 = 0"C"+00

+05.3

FENWOOD CREEK

NET LENGTH OF ℄ STA. 81+00 TO STA. 106+00 = 2500 LINEAL FT.

+98.8

UNC. = 2542
F. = 1906
SHG ± 33 1/3

0 – 0.8 %

P.C. 87+00 EL. 80.26

400' V.C.

P.T. 91+00 EL. 75.66

– 1.5 %

P.C. 99+70 EL. 62.61

430' V.C.

P.T. 104+00 EL. 60.48

+0.5 %

+17.1 +91.3

200' V.C.

61.0 60.20 59.95 60.10

3"C" 2"C" 1"C"+50

SIDE ROAD LT. STA. 104+05.3

DITCH GRADE LT.

STA. 103+91
1-36"X 36' RCCP
TO BE REMOVED

300 290 280 270 260 250 240 230

88.4 89.06 86.8 88.26 85.8 87.46 85.2 86.66 84.8 85.86 84.1 85.06 83.5 84.26 82.9 83.46 82.5 82.66 82.1 81.86 80.9 81.06 79.6 80.26 78.0 79.40 76.6 78.25 75.6 77.10 74.8 75.66 73.1 74.16 71.4 72.66 69.9 71.16 68.3 69.66 66.6 68.16 64.7 66.66 62.9 65.16 61.7 63.66 60.5 62.20 59.7 61.10 58.5 60.45 57.0 60.25 56.7 60.48 57.2 60.98 59.4 61.48

7 8 9 80 1 2 3 4 85 6 7 8 9 90 1 2 3 4 95 6 7 8 9 100 1

B.P.R. DIVISION	PROJECT	SHEET NUMBER	TOTAL SHEETS
4	S039 (9)	8	8

BENCH MARKS				
8	106+47	SPIKE IN 8" ELM	47' LT	1254.50
9	107+71	" " 18" ELM	50' RT	1260.05
10	117+08	" " 24" ELM	50' LT	1272.41
11	130+69	SW WING BRIDGE	200' LT	1249.31
12	133+67	U.S.G.S.		1252.87

179°44'

CORNERSTONE
41.25' TO IRON W.
48.2 TO IRON SE

+05.3

2"C"+50 2"C"+50

PUB. RD.

2"C"

35' 35'

1"C"+00 1"C"+00

104+99.1

105

103+11.55

104+05.3 = 1"C"+00

FERNWOOD CREEK

NW-NW - WILLIAM MORIEN

110 115 120 125 130

41.25 41.25

TO S.T.H. 153

NE-NE - ANNA REDEKER

180°00'

P.O.T. IRON
41.25 TO IRON E.
50.0 TO IRON NW
50.2 TO 24" ELM NE
41.6 TO STOP SIGN SW

27.5

SEC 11 T 27 N R 4E

SW-NW-EX. - HARRY SCHAR

+40 +43 +83 +87

H B H

SEC 10 T 27 N R 4E

SE-NE - GERALD PALMER

179°44'

CORNERSTONE
201.6 TO BRIDGE E.
41.25 TO IRON W.
38.7 TO P. POLE SE
36.2 TO STOP SIGN NE

+56.0 +32 +63

EXCEPTION TO NET LENGTH OF CENTERLINE
STA. 105 + 57.5 TO STA. 106 + 21.25

END OF PROJECT S039 (9) STA. 115 +00
=END OF PROJECT S039 (7)

NET LENGTH OF ℄ STA. 106+00 TO STA. 115+00 = 836.25 LINEAL FT.

+17.1 C= 295 +91.3
F= 1597
R= 1835
SHG. 33 1/3

C = 2381
F = 1785
SHG. = 33 1/3

V.C. 430'

P.T. 104+00 EL. 60.48

+ 0.3 %

P.C. 107+00 EL. 61.98

V.C. 450'

P.R.C. 111+50 EL. 67.70

V.C. 350'

P.T. 115+00 EL. 72.00

STA. 105+86 REMOVE 1-57' SPAN-15' RDWY. LOW TRUSS BRIDGE
STA. 105+86 BRIDGE NO. B-37-50
67' SPAN - 24 RDWY.
I BEAM BRIDGE REQ'D.
SEE DRAWING X-19701, 19702, 19703 & 19704

1300 1290 1280 1270 1260 1250 1240

| | | | |