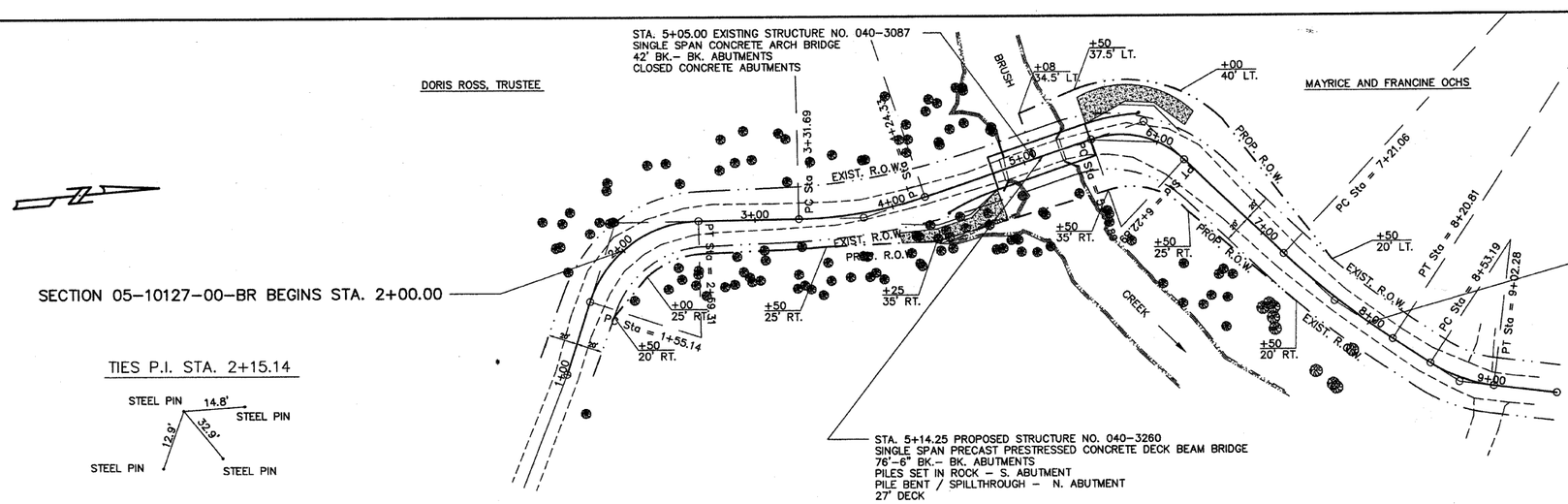
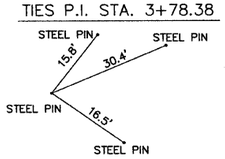
| ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| T.R. 186A | 05-10127-00-BR | JASPER | 15 | 3 |
| CONTRACT NO. 95620 | | ILLINOIS | PROJECT BROS-079(140) | |




TIES P.I. STA. 2+15.14



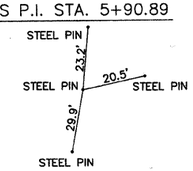

TIES P.I. STA. 3+78.38




SCALES:
1" = 50' HOR
1" = 5' VER

TRANSITION EXISTING ROADWAY TO PROPOSED ROADWAY
STA. 1+50 TO 2+00 AND STA. 8+00 TO 8+50
QUANTITIES FOR THE ABOVE ARE INCLUDED IN THOSE LISTED

TIES P.I. STA. 5+90.89




CURVE 1
CIRCULAR
D = 71°09'00"
Da = 68°18'12"
Dc = 73°10'35"
T = 60.00
R = 83.88
L = 104.17
C = 97.60
E = 19.25
M = 15.66
PI Sta = 2+15.14

CURVE 2
CIRCULAR
D = 17°41'39"
Da = 19°05'55"
Dc = 19°11'17"
T = 46.69
R = 300.00
L = 92.65
C = 92.28
E = 3.61
M = 3.57
PI Sta = 3+78.38

CURVE 3
CIRCULAR
D = 62°09'33"
Da = 86°20'16"
Dc = 97°46'42"
T = 40.00
R = 66.36
L = 72.00
C = 68.52
E = 11.12
M = 9.53
PI Sta = 5+90.89

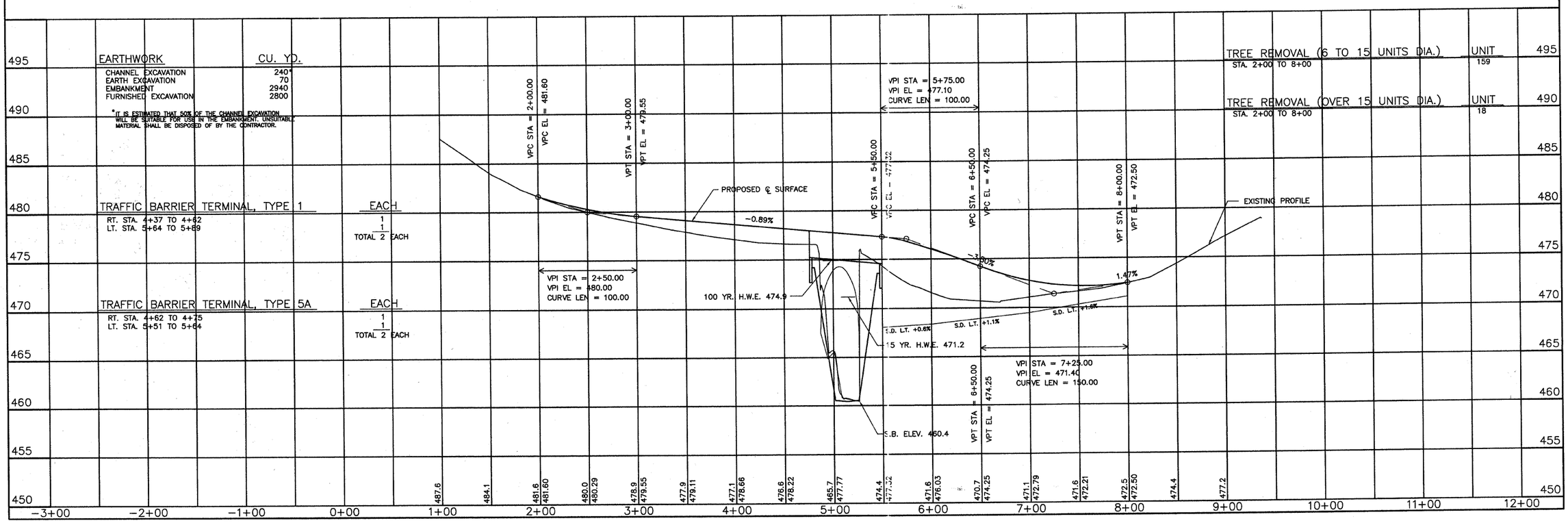
CURVE 4
CIRCULAR
D = 09°57'43"
Da = 09°59'13"
Dc = 09°59'59"
T = 50.00
R = 573.70
L = 99.75
C = 99.62
E = 2.17
M = 2.17
PI Sta = 7+71.06

CURVE 5
CIRCULAR
D = 26°38'04"
Da = 54°14'58"
Dc = 56°30'45"
T = 25.00
R = 105.62
L = 49.10
C = 48.66
E = 2.92
M = 2.84
PI Sta = 8+78.19

| EARTHWORK | CU. YD. |
|---|---|
| CHANNEL EXCAVATION | 240* |
| EARTH EXCAVATION | 70 |
| EMBANKMENT | 2940 |
| FURNISHED EXCAVATION | 2800 |

*IT IS ESTIMATED THAT 50% OF THE CHANNEL EXCAVATION WILL BE SUITABLE FOR USE IN THE EMBANKMENT. UNSUITABLE MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR.

| TRAFFIC BARRIER TERMINAL, TYPE 1 | EACH |
|---|---|
| RT. STA. 4+37 TO 4+62 | 1 |
| LT. STA. 5+64 TO 5+89 | 1 |
| | TOTAL 2 EACH |

| TRAFFIC BARRIER TERMINAL, TYPE 5A | EACH |
|---|---|
| RT. STA. 4+62 TO 4+75 | 1 |
| LT. STA. 5+51 TO 5+64 | 1 |
| | TOTAL 2 EACH |

| | UNIT |
|---|---|
| TREE REMOVAL (6 TO 15 UNITS DIA.) STA. 2+00 TO 8+00 | 159 |
| TREE REMOVAL (OVER 15 UNITS DIA.) STA. 2+00 TO 8+00 | 18 |