84370

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6579	05-00035-00-RP	PEORIA	31	17
STA. 17+50	TO STA. 22+67			
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

END PCC PAVEMENT 9" (JOINTED)
STA. 18+42.1

EXISTING TRACKS TO BE REMOVED AT ROADWAY

MOFFITT NATURE PARK
(OWNED BY THE CITY OF CHILLICOTHE)

AGGREGATE SHOULDERS, TYPE B 6"

PCC PAVEMENT 9", (JOINTED)

ENTRANCE REVISION BEYOND ROW BY OTHERS

19+78.5
24' P.E.

33 FT., P CUL, 1 CS/A EQRS 15"
W/ END SECTIONS
W. INV. 488.36 STA. 19+62, 29' LT.
E. INV. 487.96 STA. 19+95, 27' LT.

BIT. DRIVEWAY PAVEMENT, 6"

25'P.E.(E) GRAVEL

12'P.E.(E) GRAVEL

RELOCATE EXISTING RAILROAD SIGNAL BY OTHERS

RR SIGNAL

EXISTING ROW

MANHOLE TO BE ADJUSTED
10' RT., STA. 21+52

BITUMINOUS DRIVEWAY PAVEMENT, 6"
(HMA SURFACE COURSE, MIX C, N50, 2"
HMA BASE CSE. 4")

END DITCH
STA. 22+25

13'P.E.(E) GRAVEL

DITCHING BY OTHERS

BECOMES PRIVATE ROAD TO CASTING CLUB

HMA SURFACE REMOVAL, 2" (COLD MILL)
HMA SURFACE COURSE, MIX C, N50, 2"

END PCC PAVEMENT, 9" (JOINTED)
STA. 22+48.85

INLET, TYPE A AND DRYWELL
SEE PREVIOUS SHEET FOR ADDITIONAL INFO

MATCH LINE STA. 17+50

CURVE #1

P.R.C. 18+03

CURVE #2

19+03

P.R.C. 20+00

CURVE #3

P.T. 21+00

MOFFITT STREET ℄ 22+03

77°13'24"

PROJECT ENDS
STA. 22+67

PCC SIDEWALK, 4"

MANHOLE TO BE ADJUSTED
5' RT., STA. 17+95

RELOCATE EXISTING RR SIGNAL BY OTHERS

100 L.F. STORM SEWERS, CL A, TY 1, 12"
RT. STA. 17+50 TO STA. 18+50

15' RT., STA. 18+50
INLET TY A,
WITH SPL F & G
GRATE EL. 490.22
INV. EL. 488.67

15' RT., STA. 19+02
DRYWELL, 6' DIA.,
WITH SPL F & G
GRATE EL. 489.90
BOTTOM EL. 482.40

BEGIN PCC PAVEMENT 9",
(JOINTED) STA. 18+83.2

EXISTING CROSSING TO REMAIN

CHAIN LINK FENCE TO BE RELOCATED TO R.O.W. LINE
RT. STA. 20+28 TO
RT. STA. 20+86

PCC SHOULDERS 8"
WITH TYPE B GUTTER (MODIFIED)

CL SI CONC. (OUTLET)

PCC DRIVEWAY PAVEMENT, 6"

BIT. DRIVEWAY PAVEMENT, 6"

GUTTER TO DISCHARGE AT INLET
CLASS SI CONCRETE (OUTLET)
(SEE DETAIL SHEET)

20+97.7
15' P.E.

26.4' RT., STA. 21+94
INLET TY A,
WITH TY 8 GRATE
GRATE EL. = 486.86
INV. EL. = 485.46
EXISTING 15" CMP OUTLET
TO BE USED
VERIFY ELEVATIONS

15"CMP(E)

5'P.E.(E) ASPHALT

24'P.E.(E) ASPHALT

MANHOLE TO BE ADJUSTED
10' RT., STA. 22+45

HMA SURFACE REMOVAL, 2" (COLD MILL)
HMA SURFACE COURSE, MIX C, N50, 2"

SECOND STREET (BIT.)

* HMA PAVEMENT, (FULL DEPTH), 8"

** BIT. DRIVEWAY PAVEMENT, 6"
(HMA SURFACE COURSE, MIX C, N50, 2"
HMA BASE CSE. 4")

LEGEND
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK

SCALE IN FEET

CURVE #1
P.C. = STA. 16+92.20
P.R.C. = STA. 17+90.58
R = 1600'
L = 98.38'
Δ = 3.52°

CURVE #2
P.R.C. = STA. 17+90.58
P.R.C. = STA. 19+91.21
R = 1600'
L = 200.63'
Δ = 7.18°

CURVE #3
P.R.C. = STA. 19+91.21
P.T. = STA. 20+93.46
R = 1600'
L = 102.25'
Δ = 3.66°

EXISTING GROUND PROFILE

ex = 0.31'
K = 40
100.00' V.C.

℄ RR ACTIVE TRACKS

℄ GRADE

-2.06%
-0.66%
+0.42%
-3.0%
-1.2%
-0.8%
-2.02%
-2.0%
+1.0%±

MANHOLE, TYPE A AND DRYWELL
SEE PREVIOUS SHEET FOR ADDITIONAL INFO

100 L.F. SS, CL A, TY 1, 12" @ 0.33%

LT. DITCH PROFILE

15' RT., STA. 18+50
INLET TY A,
WITH SPL F & G
GRATE EL. 490.22
INV. EL. 488.67

15' RT., STA. 19+02
DRYWELL, 6' DIA.,
WITH SPL F & G
GRATE EL. 489.90
BOTTOM EL. 482.40

LT. VPI STA. 17+50
EL. 492.32

VPI STA. 18+69.00
ELEVATION 490.17

ELEVATION 489.00

+19.00 EL. 491.20

+19.00 EL. 490.38

LT. VPI STA. 19+20
EL. 489.4

VPI STA. 19+50 +50.00 EL. 490.51

VPI STA. 19+50
488.5

SSD = 516'
ex = -0.46'
K = 61
150.00' V.C.

LT. VPI STA. 20+50
EL. 487.3

+00.00 EL. 489.31

VPI STA. 20+25.00
ELEVATION 490.83

LT. VPI STA. 21+50
EL. 486.5

LT. DITCH PROFILE

END DITCH
LT. VPI STA. 22+25
EL. 485.0

486.42

PRIVATE ENTRANCE

493.05	491.82	490.58	490.71	490.75	490.52	489.95	489.22	488.34	487.42	
492.63	491.59	490.68	490.35	490.51	490.52	490.12	489.31	488.30	487.29	

18+00 19+00 20+00 21+00 22+00

SCALE IN FEET

MOFFITT STREET IMPROVEMENTS – PLAN AND PROFILE – STA. 17+50 TO STA. 22+67