SEC. 26, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-01-PV	CHAMPAIGN	242	80
STA. 1039+00.00	TO STA. 1054+02.53			
	ILLINOIS	F.A. PROJ. NO. RS-HPP-1805(001)		

CONTRACT NO. 91368

SCALE: 1" = 50'

BM 501

PROPOSED ℄ PHINNEY BRANCH CHANNEL
CURVE DATA
P.I. STA. 1042+62.54
Δ = 35°00'00"
D = 16°22'13"
T = 110.35'
R = 350.00'
L = 213.80'
E = 16.99'
P.C. STA. 1041+52.19
P.T. STA. 1043+65.99

042TE 042PE

EXISTING CHANNEL - NO WORK REQUIRED

EXISTING ℄ PHINNEY BRANCH CHANNEL

LEGEND
PROPOSED RIPRAP, SPECIAL (SEE DETAIL SHEET)

P.O.L. STA. 1054+02.53

BM 502

24"SS @ 0.20%

517 518 515 516 514

1043+70

PERMANENT EASEMENT

177°00'00" 189°00'00" 160°30'00" 164°30'00"

1045+00 1050+00

P.T. STA. 1043+65.99
P.I. STA. 1045+75.64
P.I. STA. 1048+80.64
P.I. STA. 1051+90.64
P.I. STA. 1053+55.64

40' 40'

RIPRAP, SPECIAL = 68 TON
STA. 1043+40 TO STA. 1043+70
SEE MISCELLANEOUS DETAIL SHEETS AND SPECIAL PROVISIONS.

REMOVAL OF EXISTING RIPRAP = 64 SQ YD
STA. 1043+42 TO STA. 1043+67

CONSTRUCTION LIMITS

T.C.E.

P.C. STA. 1041+52.19

12"SS

1040+00

24"SS @ 0.20%

PROPOSED ℄ PHINNEY BRANCH CHANNEL

EXISTING PERMANENT EASEMENT

MATCH LINE - STA. 1039+00.00

CONSTRUCTION LIMITS

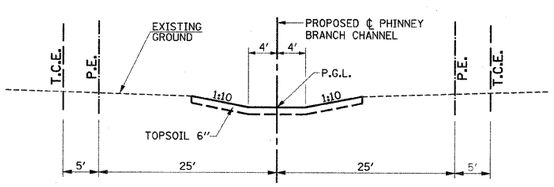
CONCRETE ENCASEMENT = 1 EACH
LT. STA. 1039+80± FOR SANITARY SEWER ENCASEMENT. SEE DETAIL SHEET.

NORTH LINE SEC. 26, T.19N., R.8E.
SOUTH LINE SEC. 23, T.19N., R.8E.
WINDSOR RD.

NOTES
1. THE LOCATION AND SIZE OF THE EXISTING FIELD TILES ARE UNKNOWN. DURING THE STORM SEWER INSTALLATION ANY FIELD TILES THAT ARE DISCOVERED SHALL BE OUTLETTED TO THE STORM SEWER AS DIRECTED BY THE ENGINEER.
2. THE EXISTING FIELD TILES SHALL BE REMOVED AT LOCATIONS SHOWN ON THE PLAN AND AS DIRECTED BY THE ENGINEER. THE EXCAVATIONS SHALL BE BACKFILLED WITH EARTH MATERIAL. THE FIELD TILES THAT ARE WITHIN THE LIMITS OF THE STORM SEWER TRENCH SHALL BE REMOVED, BUT WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE STORM SEWER.

SEE THE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS FOR THE VARIOUS STAGES AND CONSTRUCTION SEQUENCES ON CURTIS RD.

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. NOTED
GRADES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE



PHINNEY BRANCH CHANNEL SECTION B
STA. 1034+00 TO STA. 1043+60

BM 501 - 6" GEAR HEAD SPIKE IN POWER POLE AT THE SW. QUADRANT OF MATTIS AVE. AND KENNY AVE.
ELEV. 733.58

BM 502 - CHISELED "□" IN TOP OF HEADWALL ON SOUTH SIDE OF WINDSOR RD. AT THE PHINNEY BRANCH
ELEV. 726.63

STORM SEWER STRUCTURE SCHEDULE

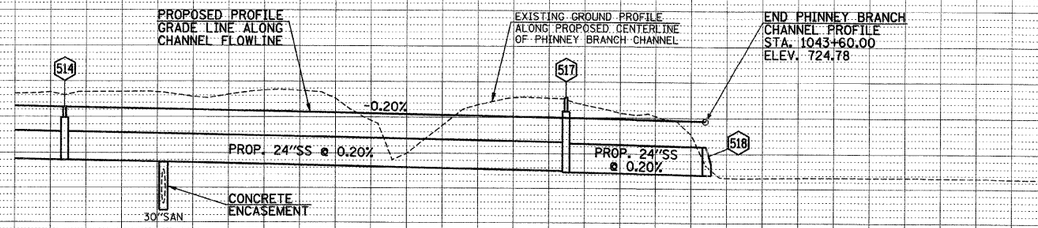
STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/ GRATE ELEV.	PR. T/O FRAME/ GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
514	RD MAN TA 5 DIA T1 CLOSED	℄	1039+10.00	1.50	1039+10.00	0.00	----	725.70	724.95	722.00	513	722.00	517
515	CONNECT TO EXISTING FIELD TILE	LT	----	----	•1040+02.00	•21.00	----	----	----	•722.90	WEST	•722.90	516
516	CONNECT TO PROP. STORM SEW	RT	----	----	•1040+02.00	•0.50	----	----	----	•722.50	515	•722.50	S.S.
517	RD MAN TA 5 DIA T1 CLOSED	LT	1042+62.00	14.50	1042+62.00	16.00	----	726.40	725.40	721.30	514	721.20	518
518	PRC FLAR END SEC 24	℄	----	----	••1043+58.00	••0.00	----	----	----	721.00	517	720.98	DITCH

•FIELD VERIFY LOCATION AND ELEVATION
••STATION AND OFFSET TO UPSTREAM END OF END SECTION

STORM SEWER PIPE SCHEDULE

LOCATION STR.-STR. OR STA., O.S.	CONCRETE COLLAR (EACH)	STORM SEWER REM 6" (FOOT)	STORM SEWER REM 24" (FOOT)	STORM SEWER CL A 1 24" (FOOT)	STORM SEWER SPEC 12" (FOOT)	GRADE %	CONTR LOW-STRENG MATL (CU YD)
514 - 517			100	347		0.20	
515 - 516	1	25			22		
517 - 518			105	100		0.20	

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWERS



PROFILE
SURVEYED
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ALIGNMENT CHECKED
R.O.W. NOTED
GRADES CHECKED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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