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	79
STA. 1025+00.00		TO STA. 1039+00.00		
	ILLINOIS	F.A. PROJ. NO. RS-HPP-1805(001)		

CONTRACT NO. 91368

PROPOSED ℄ PHINNEY BRANCH CHANNEL
CURVE DATA
P.I. STA. 1026+62.44
Δ = 14°30'00"
D = 7°09'43"
T = 101.77'
R = 800.00'
L = 202.46'
E = 6.45'
P.C. STA. 1025+60.66
P.T. STA. 1027+63.12

NOTES
1. THE LOCATION AND SIZE OF THE EXISTING FIELD TILES ARE UNKNOWN. DURING THE CHANNEL EXCAVATION AND STORM SEWER INSTALLATION ANY FIELD TILES THAT ARE DISCOVERED SHALL BE OUTLETTED TO THE CHANNEL AS SHOWN ON THE "DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS" SHEET OR TO THE PROPOSED STORM SEWER. THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 611 OF THE STANDARD SPECIFICATIONS AND 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 CHANNEL EXCAVATION OR STORM SEWER TRENCH SHALL BE REMOVED, BUT WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CHANNEL EXCAVATION.

PROPOSED ℄ PHINNEY BRANCH CHANNEL
CURVE DATA
P.I. STA. 1033+96.07
Δ = 23°30'00"
D = 7°09'43"
T = 166.40'
R = 800.00'
L = 328.12'
E = 17.12'
P.C. STA. 1032+29.67
P.T. STA. 1035+57.79

040 040TE 041 041TE 042TE 042PE

NORTH LINE SW. 1/4, SEC. 26, T.19N., R.8E.
SOUTH LINE, NW. 1/4, SEC. 26, T.19N., R.8E.

MATCH LINE - STA. 1025+00.00

MATCH LINE - STA. 1039+00.00

EXISTING PERMANENT EASEMENT

PROPOSED ℄ PHINNEY BRANCH CHANNEL

CONSTRUCTION LIMITS

TEMPORARY CONSTRUCTION EASEMENT

PROPOSED R.O.W.

508 509 510 511 512 513

12"SS

1025+00

P.C. STA. 1025+60.66

P.T. STA. 1027+63.12

1030+00

P.C. STA. 1032+29.67

1035+00

P.T. STA. 1035+57.79

40' 40'

5' 5' 5' 5'

RIPRAP, SPECIAL = 51 TON
STA. 1032+40 TO STA. 1032+60
SEE MISCELLANEOUS DETAIL SHEETS AND SPECIAL PROVISIONS.

PROTECT SANITARY MANHOLE

24"SS @ 0.20%

PERMANENT EASEMENT

PROTECT SANITARY SEWER FROM BEING CRUSHED DURING CONSTRUCTION OPERATIONS

TREE REMOVAL (6 TO 15 UNITS DIAMETER) = 28 UNIT
TREE REMOVAL (OVER 15 UNITS DIAMETER) = 126 UNIT
REMOVE TREES WITHIN PHINNEY BRANCH CHANNEL CONSTRUCTION LIMITS.

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

N

0' 50' 100'
SCALE: 1" = 50'

LEGEND
▨ – PROPOSED RIPRAP, SPECIAL (SEE DETAIL SHEET)

PLAN — SURVEYED; PLOTTED; AUDITY CHECKED; PLT. OF WAY CHECKED; NOTE BOOK; PAGE NO.; CADD FILE NAME; DATE; BY

STORM SEWER PIPE SCHEDULE

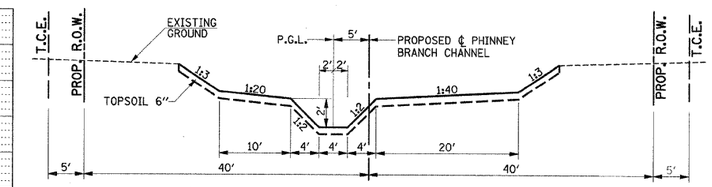
LOCATION STR.-STR. OR STA., O.S.	CONCRETE COLLAR (EACH)	STORM SEWER REM 6" (FOOT)	STORM SEWER REM 24" (FOOT)	STORM SEWER CLA 1 24" (FOOT)	STORM SEWER SPEC 12" (FOOT)	GRADE %	CONTR LOW-STRENG MATL (CU YD)
508 - 509	1	25			18		
510 - 514			1010				
511 - 512				58		0.20	
512 - 513				244		0.20	
513 - 514				345		0.20	

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWERS

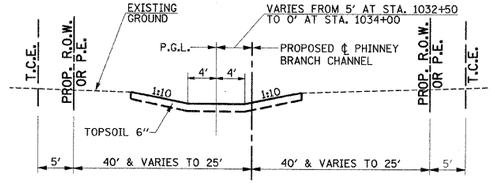
STORM SEWER STRUCTURE SCHEDULE

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.
508	CONNECT TO EXISTING FIELD TILE	LT	----	----	•1025+48.00	•20.00	----	----	----	•725.70	WEST	•725.70	509
509	••HEADWALL (MISC. CONCRETE)	LT	----	----	•1025+48.00	•4.00	----	----	----	•725.50	508	•725.50	DITCH
510	BEGIN S.S. REMOVAL	LT	----	----	•1029+00.00	•10.50	----	----	----	•724.00	SOUTH	•724.00	514
511	•••CIP RC END SEC 24	LT	----	----	1032+50.00	5.00	----	----	----	723.30	DITCH	723.30	512
512	RD MAN TA 5 DIA T1 CLOSED	LT	1033+10.00	0.50	1033+10.00	2.00	----	726.90	726.15	723.18	511	723.18	513
513	RD MAN TA 5 DIA T1 CLOSED	LT	1035+60.00	8.50	1035+60.00	10.00	----	726.90	726.00	722.69	512	722.69	514

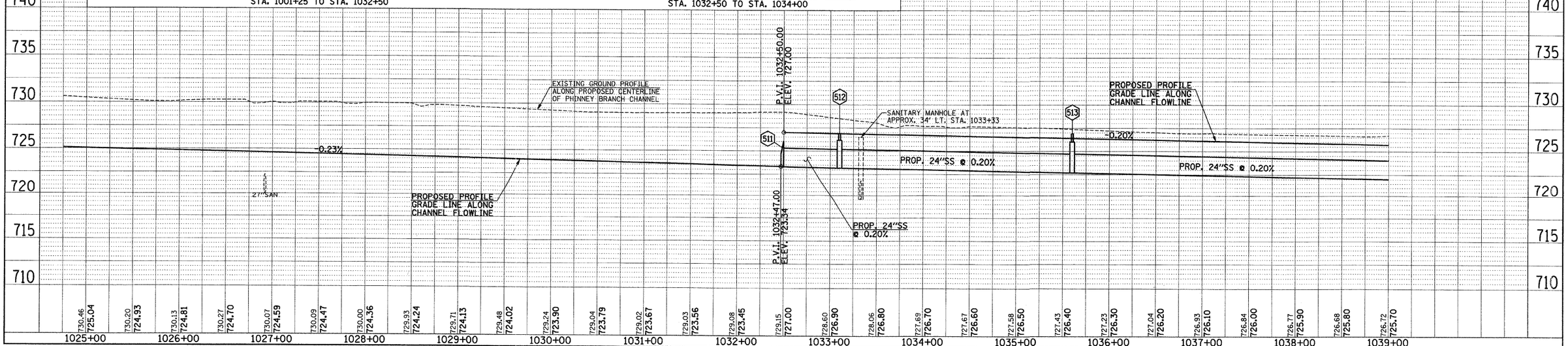
•FIELD VERIFY LOCATION AND ELEVATION ••SEE DETAIL FOR TREATMENT OF EXISTING FIELD TILE SYSTEMS SHEET
•••SEE STANDARD 542101 (DESIGN NO. D24-2)



PHINNEY BRANCH CHANNEL SECTION A
STA. 1001+25 TO STA. 1032+50



PHINNEY BRANCH CHANNEL SECTION B
STA. 1032+50 TO STA. 1034+00



PROFILE — SURVEYED; PLOTTED; GRADES CHECKED; NOTE BOOK; PAGE NO.; CADD FILE NAME; DATE; BY

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