

STATE OF OHIO
 DEPARTMENT OF TRANSPORTATION
 LOG/UNI - 347 - 1.36/0.00
 LOG. C.R. 271

CALC. BY DATE 8/92	LOG / UNI - 347 - 1.36 / 0.00	OHIO
CHKD. BY DATE 9/92	LOG C.R. 271	FHWA REGION 5

RIGHT-OF-WAY PLAN

R/W ONLY	LOG/UNI-347-1.36/0.00
P.I.D. NO. 4718	LOG C.R. 271
	S.J.N. : 06554 (0)

ACQUIRING AGENCY : STATE OF OHIO

1991 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND DETOURS WILL BE PROVIDED AS INDICATED ON THE PLANS.

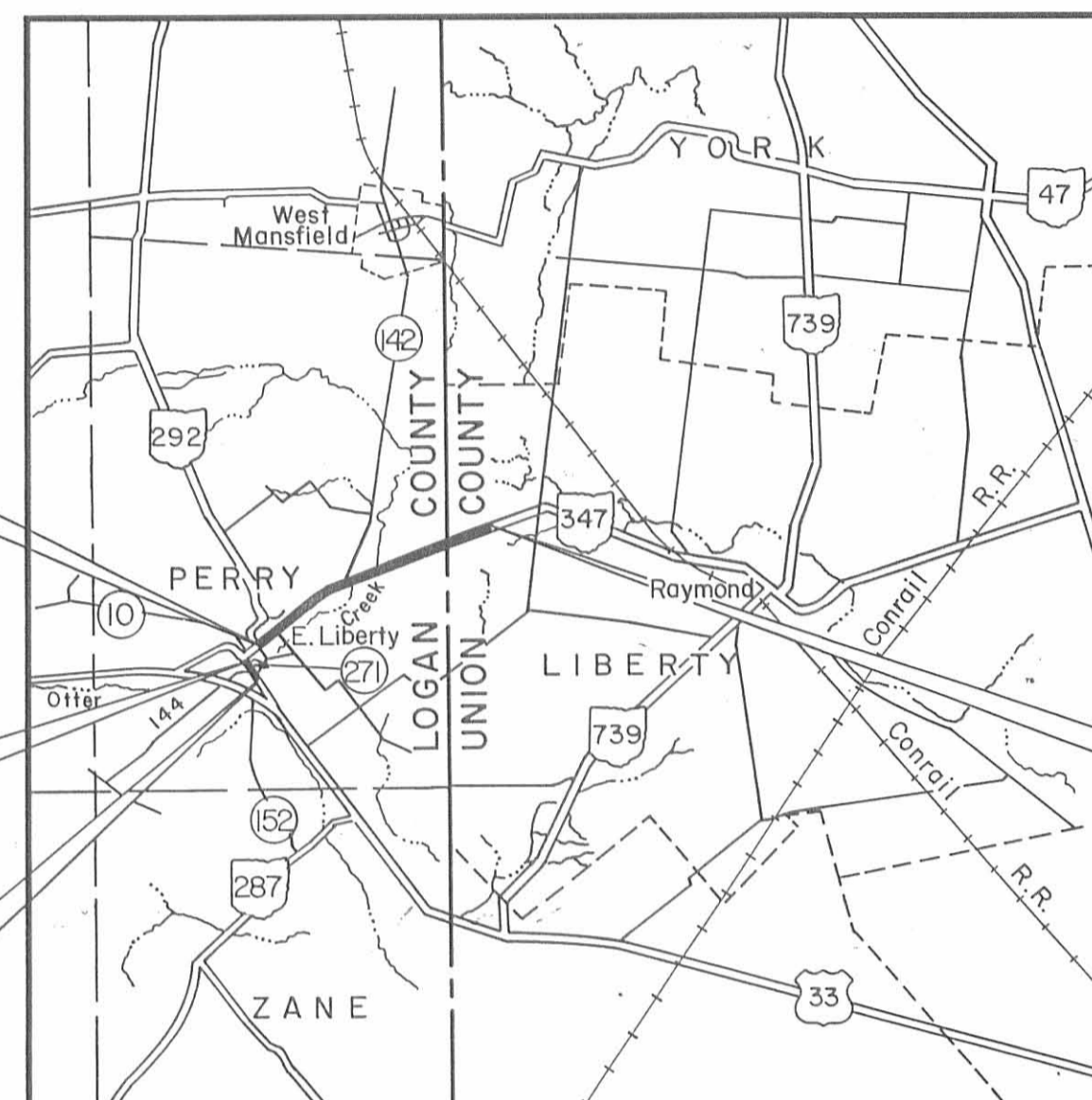
CONVENTIONAL SIGNS

COUNTY LINE	-----	LIMITED ACCESS (ONLY)	-----	L A
TOWNSHIP LINE	-----	RIGHT OF WAY (ONLY)	-----	R/W
SECTION LINE	-----	LIMITED ACCESS & RIGHT OF WAY	-----	L A - R/W
CORPORATION LINE	-----	EXISTING RIGHT OF WAY	-----	EX. R/W
FENCE LINE (EXISTING)	-x-x-	PROPOSED	-x-x-x-x-	PROPERTY LINE (IN EXISTING FENCE)
CENTERLINE	-----	RAILROAD		OR
TREES	☼	STUMPS	⌒	(TO BE REMOVED)
UTILITY POLE:	TELEPHONE	⊕	POWER	⊕
			LIGHT	⊕
			WORK LIMITS	-----

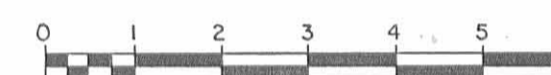
PERRY TOWNSHIP, LOGAN COUNTY
 LIBERTY TOWNSHIP, UNION COUNTY
 RIGHT OF WAY ONLY

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LOCATION MAP
 SCALE IN MILES



PORTIONS TO BE IMPROVED
 STATE & FEDERAL ROUTES
 OTHER ROADS

SCALES

NOTE: SEE INDIVIDUAL CENTERLINE SURVEY PLATS, PROPERTY MAPS OR DETAIL SHEETS FOR DRAWING SCALE.

UNDERGROUND UTILITIES
 TWO WORKING DAYS
 BEFORE YOU DIG...
 CALL 800-362-2764 (TOLL FREE)
 OHIO UTILITIES PROTECTION SERVICE
 NON-MEMBERS
 MUST BE CALLED DIRECTLY

APPROVED _____
 DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION

APPROVED _____
 DATE _____ ASSISTANT DEPUTY DIRECTOR, REAL ESTATE ADMINISTRATION

APPROVED _____
 DATE _____ LOGAN COUNTY ENGINEER

APPROVED _____
 DATE _____ LOGAN COUNTY COMMISSIONER

APPROVED _____
 DATE _____ LOGAN COUNTY COMMISSIONER

APPROVED _____
 DATE _____ LOGAN COUNTY COMMISSIONER

PREPARED BY:
 R.D. ZANDE & ASSOCIATES, LTD.
 1237 DUBLIN ROAD
 COLUMBUS, OHIO 43215

Thodore L. Wallace 9-21-92
 REGISTERED ENGINEER NO. 19587 DATE

PROJECT: LOG/UNI-347-1.36/0.00
 LOG C.R. 271

DATE OF LETTING CONTRACT NO. ENGINEER'S SEAL FILE NO.

CENTERLINE SURVEY PLAT

LOG/UNI - 347 - 1.36/0.00

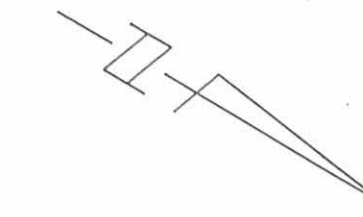
LOG C.R. 271

LOGAN COUNTY ROAD 271
PERRY TOWNSHIP
LOGAN COUNTY
V.M.S. 3164 & 4689

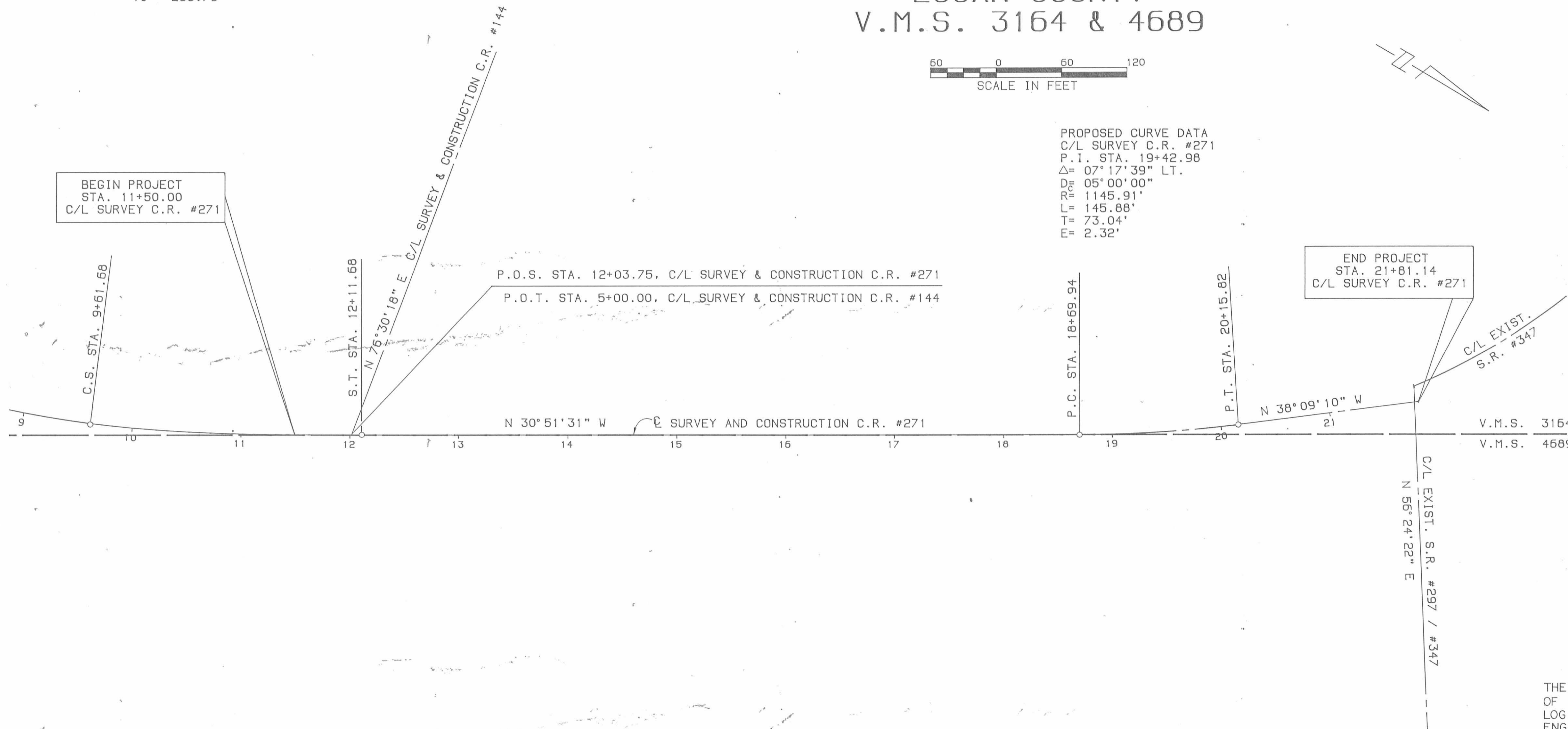
CALC BY DATE	8/92	LOG/UNI-347- 1.36/0.00	OHIO	63 73
CHKD BY DATE	8/92	LOG C.R. 271	FHWA REGION 5	1 11
FEDERAL PROJECT		STATE PROJECT	06554 (0)	

RIGHT OF WAY PLANS

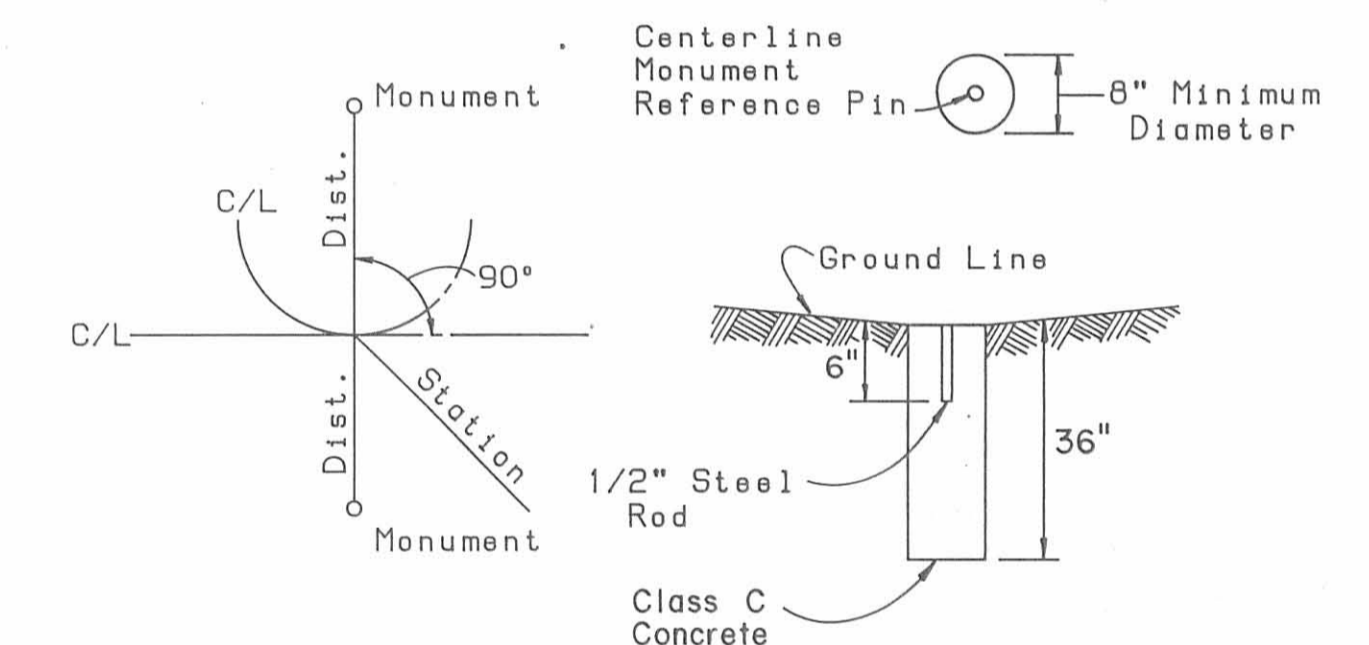
EXIST. CURVE DATA
COUNTY ROAD #271
P.I. STA. 9+22.14
 $\Delta T = 20^{\circ} 00' 00''$ LT.
 $\Delta c = 05^{\circ} 00' 00''$ LT.
D = 05^{\circ} 00' 00''
R = 954.93'
L = 83.33'
Ls = 250.00'
Os = 07^{\circ} 30' 00''
L.T. = 166.82'
S.T. = 83.47'
Ts = 293.79'



PROPOSED CURVE DATA
C/L SURVEY C.R. #271
P.I. STA. 19+42.98
 $\Delta = 07^{\circ} 17' 39''$ LT.
D = 05^{\circ} 00' 00''
R = 1145.91'
L = 145.88'
T = 73.04'
E = 2.32'



DETAIL FOR SETTING MONUMENTS



THE BEARING BASIS IS THE CENTERLINE OF C.R. 271 OF N 30° 51' 31'' W AS SHOWN ON STATE HIGHWAY PLAN LOG-347-0.00 AND AS FILED IN THE LOGAN COUNTY ENGINEER'S OFFICE.

PROPOSED REFERENCE MONUMENTS		
STATION	LT.	RT.
13+00	60'	50'
18+69.94	40'	50'
20+15.82	45'	40'

EXISTING MONUMENTS		
STATION	LOCATION	DESCRIPTION
9+20.02	17.44' RT.	MONUMENT
15+96.52	272.44' RT.	IRON PIN
16+37.76	146.00' RT.	IRON PIN
16+87.00	30.03' RT.	IRON PIN
16+99.74	0.75' LT.	BOLT
19+75.38	4.87' RT.	RAILROAD SPIKE
21+61.27	58.30' RT.	MONUMENT
21+69.41	29.01' RT.	RAILROAD SPIKE
21+75.70	29.81' RT.	RAILROAD SPIKE
21+78.75	4.37' LT.	RAILROAD SPIKE
21+79.30	10.50' LT.	RAILROAD SPIKE

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE STATE OF OHIO IN 1990.
BY
R.D. ZANDE & ASSOCIATES, LTD.
CONSULTING ENGINEERS
COLUMBUS, OHIO
Thurston L. Wallace DATE 9-29-92
REGISTERED SURVEYOR NO. 4650

SURVEYOR'S SEAL

PROPERTY MAP

LOG/UNI - 347 - 1.36/0.00

LOG C.R. 271

LOGAN COUNTY ROAD 271
PERRY TOWNSHIP
LOGAN COUNTY
V.M.S. 3164 & 4689

CALC BY DATE	8/92	LOG/UNI-347- 1.36/0.00	OHIO	64
CHKD BY DATE	8/92	LOG C.R. 271	FHWA REGION 5	73
FEDERAL PROJECT		STATE PROJECT	06554 (0)	2
				11

RIGHT OF WAY PLANS

EXISTING UTILITIES

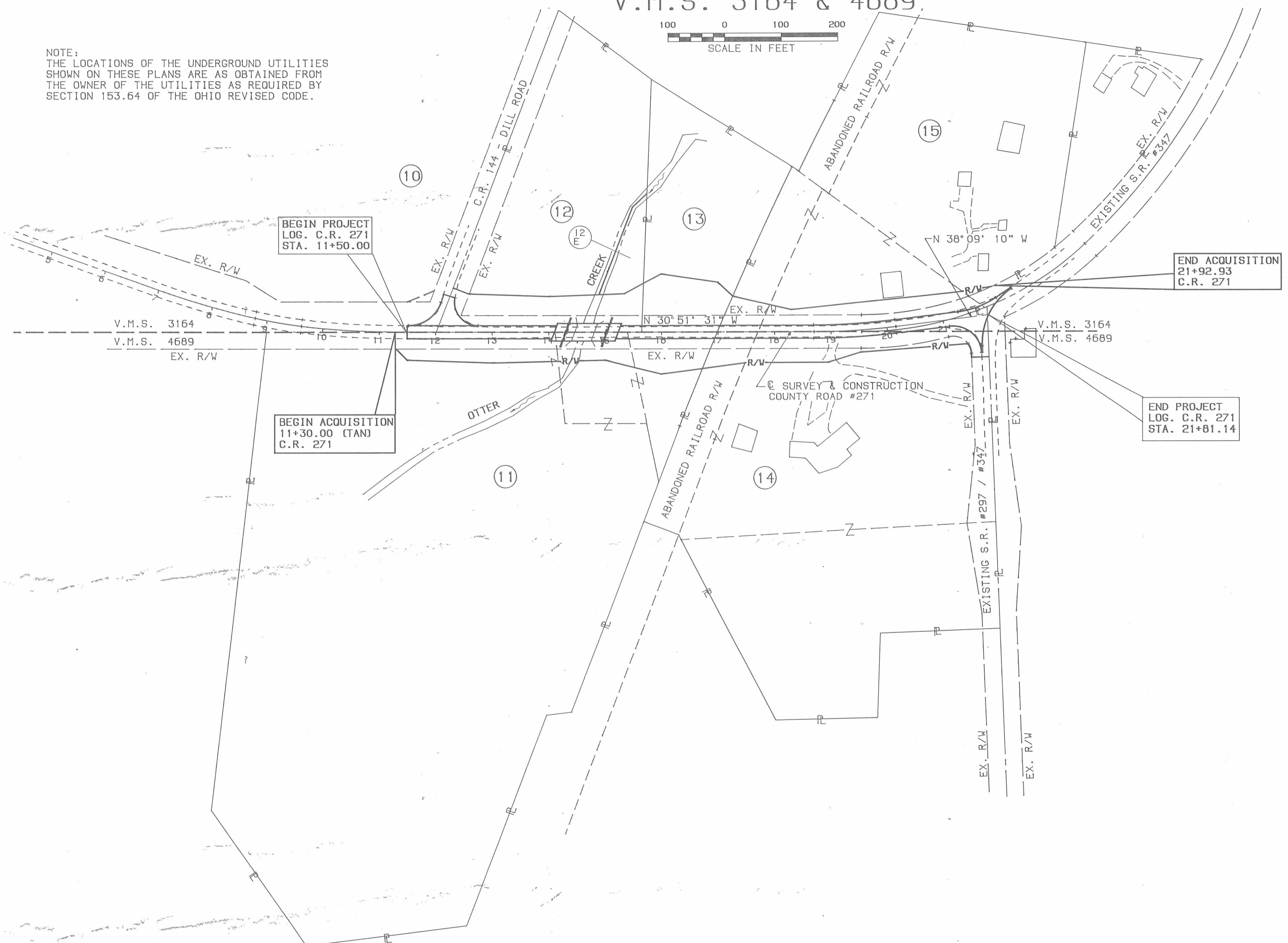
UNITED TELEPHONE CO. OF OHIO
127 NORTH MAIN STREET
BELLEFONTAINE, OHIO 43311
(513) 599-9276

DAYTON POWER AND LIGHT
P.O. BOX 1247
COURTHOUSE PLAZA S.W.
DAYTON, OHIO 45401
(513) 227-2498

NOTE:
THE LOCATIONS OF THE UNDERGROUND UTILITIES
SHOWN ON THESE PLANS ARE AS OBTAINED FROM
THE OWNER OF THE UTILITIES AS REQUIRED BY
SECTION 153.64 OF THE OHIO REVISED CODE.



PARCEL #	OWNER
10	HONDA OF AMERICA, MFG. INC.
11	CARL BURKHOLDER
12	MARY KERNS
13	GARY BAKER
14	DAVID L. & LORI JAMES
15	GARY D. & MELONY J. BAKER



TYPE FUNDS: STATE	
REV	DESCRIPTION
DATE	DATE OF COMPLETION

TOTAL NUMBER OF ...
 6 OWNERSHIPS
 0 TOTAL TAKES
 0 OWNERSHIPS W/STRUCTURES INVOLVED
 0 OWNERSHIPS W/"P" ITEMS

SUMMARY OF ADDITIONAL RIGHT OF WAY

C.R. 271

CALC. BY DATE BMM 8/92	LOG/UNI-347- 1.36/0.00 LOG C.R. 271	OHIO FHWA REGION 5 06554 (0)	65 73 3 11
CHKD. BY DATE GHB 9/92	FEDERAL PROJECT	STATE PROJECT	

PID NO.4718

PARCEL	OWNER	SHEET NO.	OWNER RECORD		AUDITOR'S PARCEL NO.	RECORD AREA (AC)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUNDS	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
10T	HONDA OF AMERICA, MFG. INC.	4	O.R. 56	241	32-112-00-00-034	3148.373		0.009	-0.000	0.009	-	3148.373	-	STATE	TEMPORARY TO REBUILD SLOPES DURATION 18 MONTHS (6 MONTH INCREMENTS)		
			"	255										↑			
			"	267													
11	CARL BURKHOLDER	4 & 5	O.R. 139	323	32-111-00-30-000	14.973	0.54	0.721	0.388	0.333	-	-	14.10				
12	MARY KERNS	4 & 5	334	187	32-111-19-01-011	3.25	0.74	0.560	0.280	0.280	-	2.049	-				
12E		5			"			0.181	0	0.181							
13	GARY BAKER	5 & 6	408	230	32-111-19-01-012	1.8	0.096	0.324	0.096	0.228	-	1.476	-				
14	DAVID L. & LORI JAMES	5,6&7	O.R. 116	295	32-111-16-06-001	7.74	0.61	0.570	0.382	0.188	-	-	6.942				
15	GARY D. & MELONY J. BAKER	6 & 7	385	753	32-111-15-03-003	3.96	0	0.006	0	0.006	-	3.954	-				
				396	306	32-111-15-03-004	1.60	0.315	0.518	0.315	0.203	-	1.082	-	√		
	(TOTAL)					5.56	0.315	0.524	0.315	0.209	-	5.036	-	STATE			

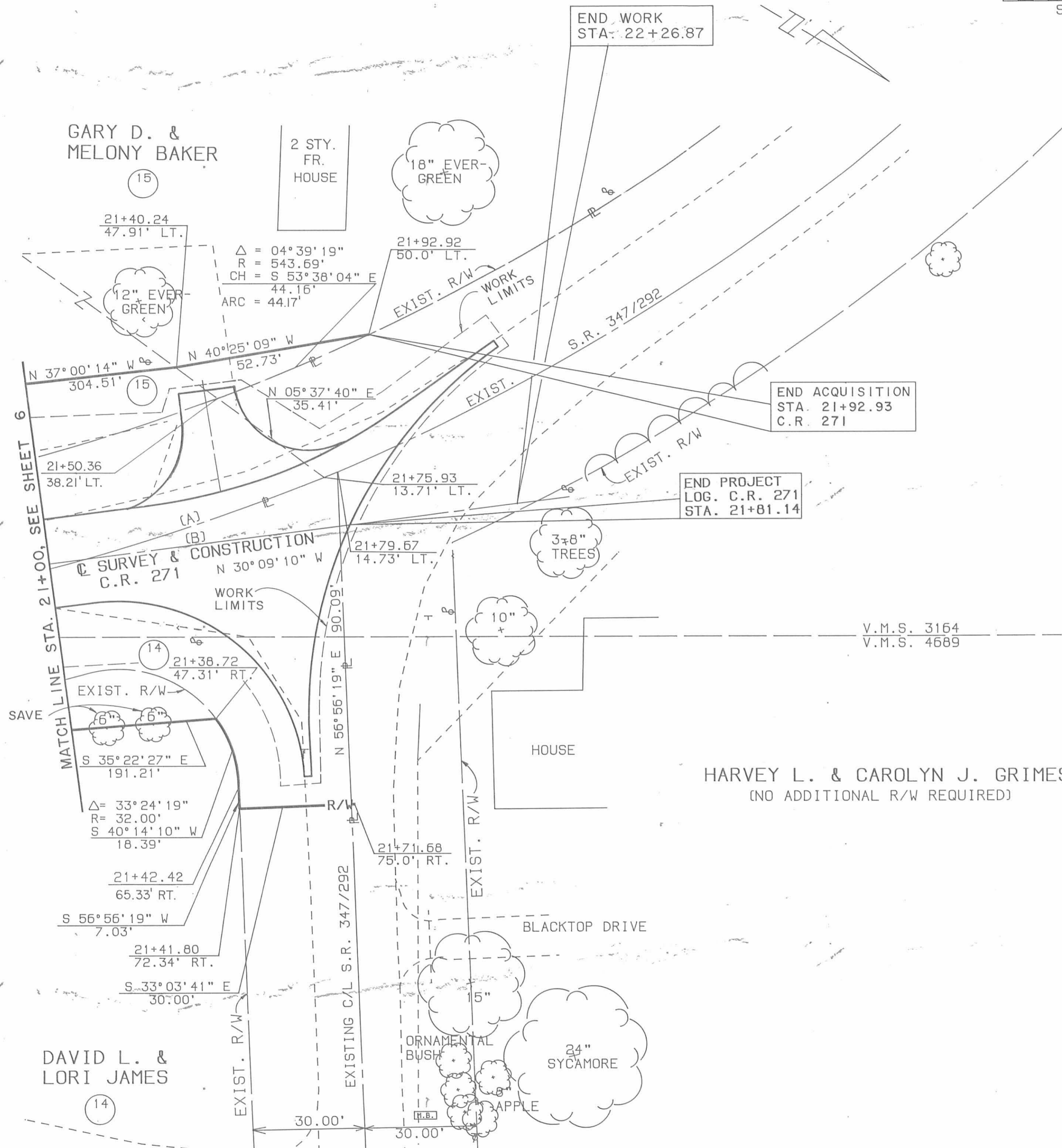
TYPE FUNDS: STATE

SN	3-12-	92 REVISED O.R. 255 - 267 PARCEL / 10T
SN	3-3-	92 REVISED P.I. D4718
REV DATE		DESCRIPTION
		DATE OF COMPLETION

PERRY TOWNSHIP
 LOGAN COUNTY
 V.M.S. 3164 & 4689

CALC BY DATE 6/92	LOG/UNI-347- 1.36/0.00 LOG C.R. 271	OHIO FHWA REGION 5	69 73
CHKD BY DATE GUC 9/92		STATE PROJECT 06554 (0)	7 11

RIGHT OF WAY PLANS



⑭	DAVID L. & LORI JAMES GROSS TAKE = 0.570 ACRES P.R.O. IN TAKE = 0.362 ACRES NET TAKE = 0.188 ACRES
⑮	GARY D. & MELONY BAKER GROSS TAKE = 0.524 ACRES P.R.O. IN TAKE = 0.315 ACRES NET TAKE = 0.209 ACRES

(A)	$\Delta = 22^\circ 22' 41''$ $R = 573.69'$ $CH = S 42^\circ 02' 51'' E$ $L = 222.64'$ $ARC = 224.07'$	(B)	$\Delta = 22^\circ 45' 56''$ $R = 573.69'$ $CH = N 42^\circ 14' 29'' W$ $L = 226.45'$ $ARC = 227.95'$
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TYPE FUNDS: STATE

REV	DATE	DESCRIPTION

CENTERLINE SURVEY PLAT

LOG/UNI - 347 - 1.36/0.00

LOG C.R. 271

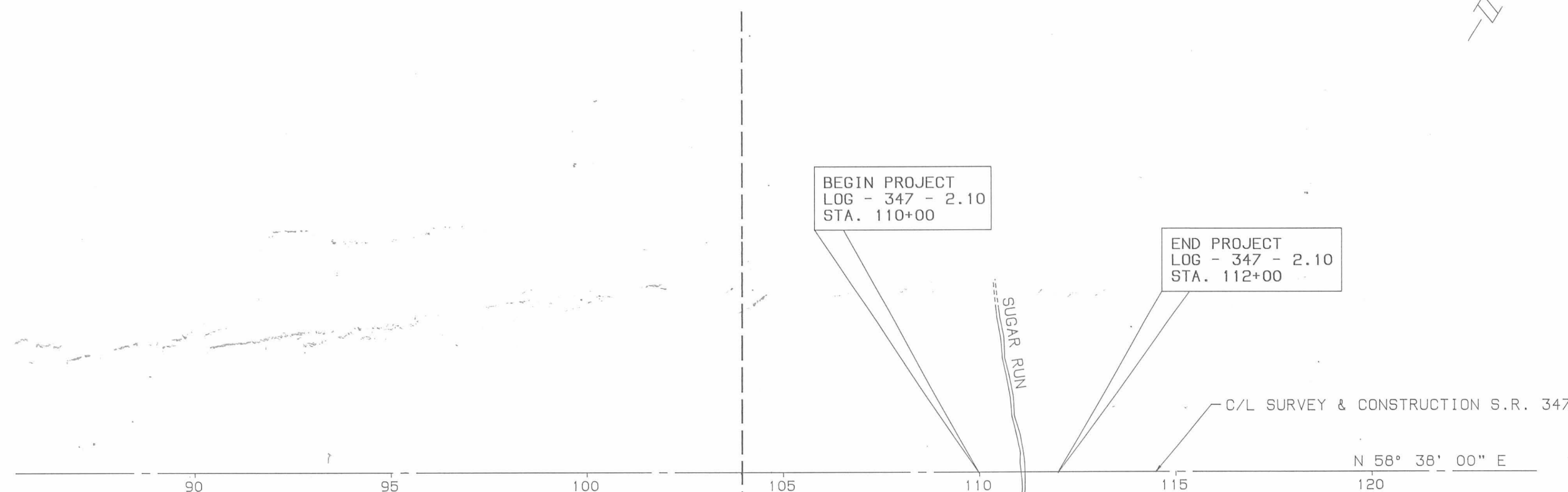
S.R. 347 - 2.10
PERRY TOWNSHIP
LOGAN COUNTY
V.M.S. 4810



CALC. BY DATE	6/12/92	LOG / UNI - 347 - 1.36 / 0.00	OHIO	70
CHKD. BY DATE	GAW 9/92	LOG C.R. 271	FHWA REGION 5	73
FEDERAL PROJECT		STATE PROJECT	06554(O)	8
				11

RIGHT OF WAY PLAN

RECEIVED _____ OF _____
RECORDED _____
PLAT BOOK _____ PAGE _____
SIGNED _____
FEE _____ COUNTY RECORDER

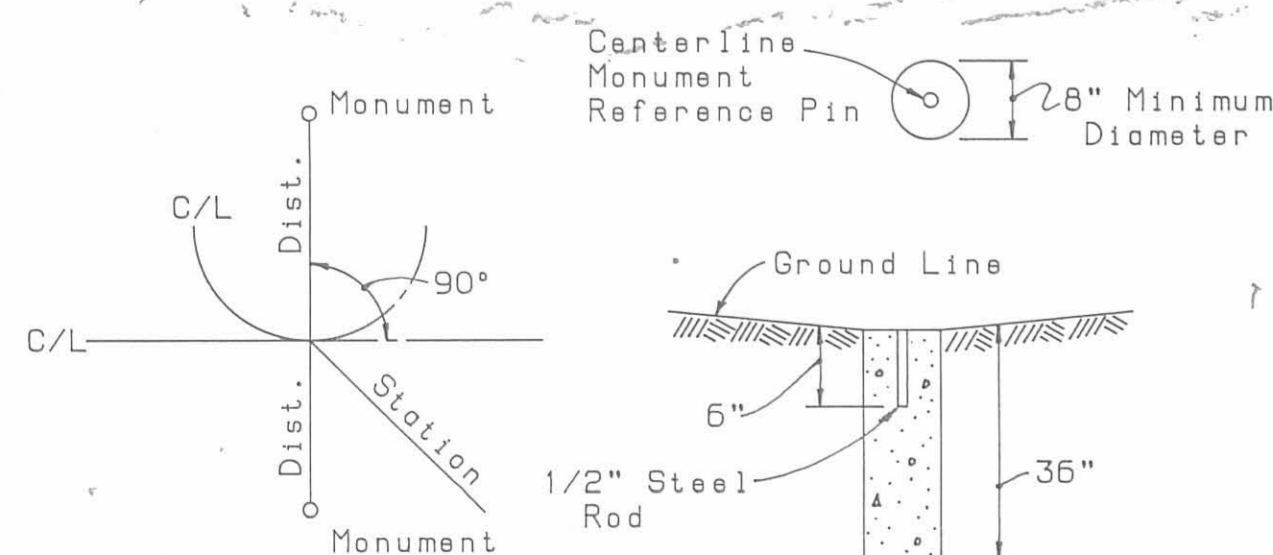


CENTERLINE REFERENCE MONUMENTS ARE SHOWN ON STANDARD CONSTRUCTION DRAWING MC-1 (REV. 6-13-69) OF THE DEPARTMENT OF TRANSPORTATION. THE PLACING OF THE MONUMENTS SHALL BE UNDER THE DIRECTION OF A REGISTERED SURVEYOR AND ARE TO BE SET AS SHOWN BY THE HIGHWAY CONTRACTOR AT THE TIME OF CONSTRUCTION. ANY ALTERATIONS, WITH PRIOR APPROVAL OF THE OHIO DEPARTMENT OF TRANSPORTATION, SHALL BE NOTED AND O.D.O.T. SHALL BE NOTIFIED OF THE NEW LOCATIONS.

THE BASIS FOR THE BEARINGS IS FROM A P.K. NAIL AT STATION 50+00 AND A R.R.S. AT STATION 69+72.49 WITH AN ASSUMED BEARING OF N58°38'00"E AS SHOWN OF RECORD IN THE LOGAN COUNTY ENGINEER'S OFFICE ON ENGINEER'S PLAN L-32.

V.M.S. 4689
V.M.S. 4810

DETAIL FOR SETTING MONUMENTS



EXISTING MONUMENTS			PROPOSED MONUMENTS		
STATION	LOCATION	DESCRIPTION	STATION	LOCATION	
				LEFT	RIGHT
104+45.49	30.24' LT.	R/W MON. 50+00	109+90	40'	40'
104+45.57	0.00'	P.K. 50+00			
104+45.70	29.77' RT.	R/W MON. 50+00	112+10	40'	40'
108+99.95	0.03' RT.	R/R SPIKE			
109+45.73	30.17' LT.	R/W MON. 55+00			
109+46.00	29.61' RT.	R/W MON. 55+00			
112+65.17	0.02' LT.	P.K. NAIL			
114+25.10	28.63' RT.	IRON PIN			
114+25.13	1.44' LT.	R/R SPIKE			
114+45.79	30.12' LT.	R/W MON. 60+00			
115+95.44	1.24' LT.	SOLID IRON PIN			
116+65.20	0.02' LT.	SOLID IRON PIN			
116+95.07	1.64' LT.	R/R SPIKE			
116+95.14	28.33' RT.	RE-ROD			
124+18.55	0.00'	R/R S 69+72.49			

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE DELINEATION OF A SURVEY MADE FOR THE STATE OF OHIO IN 1989 & 1992.

R.D. ZANDE & ASSOCIATES, LTD.
CONSULTING ENGINEERS
COLUMBUS, OHIO

Therese L. Wallace DATE 9-29-92
REGISTERED SURVEYOR NO. 4650

SURVEYOR'S SEAL

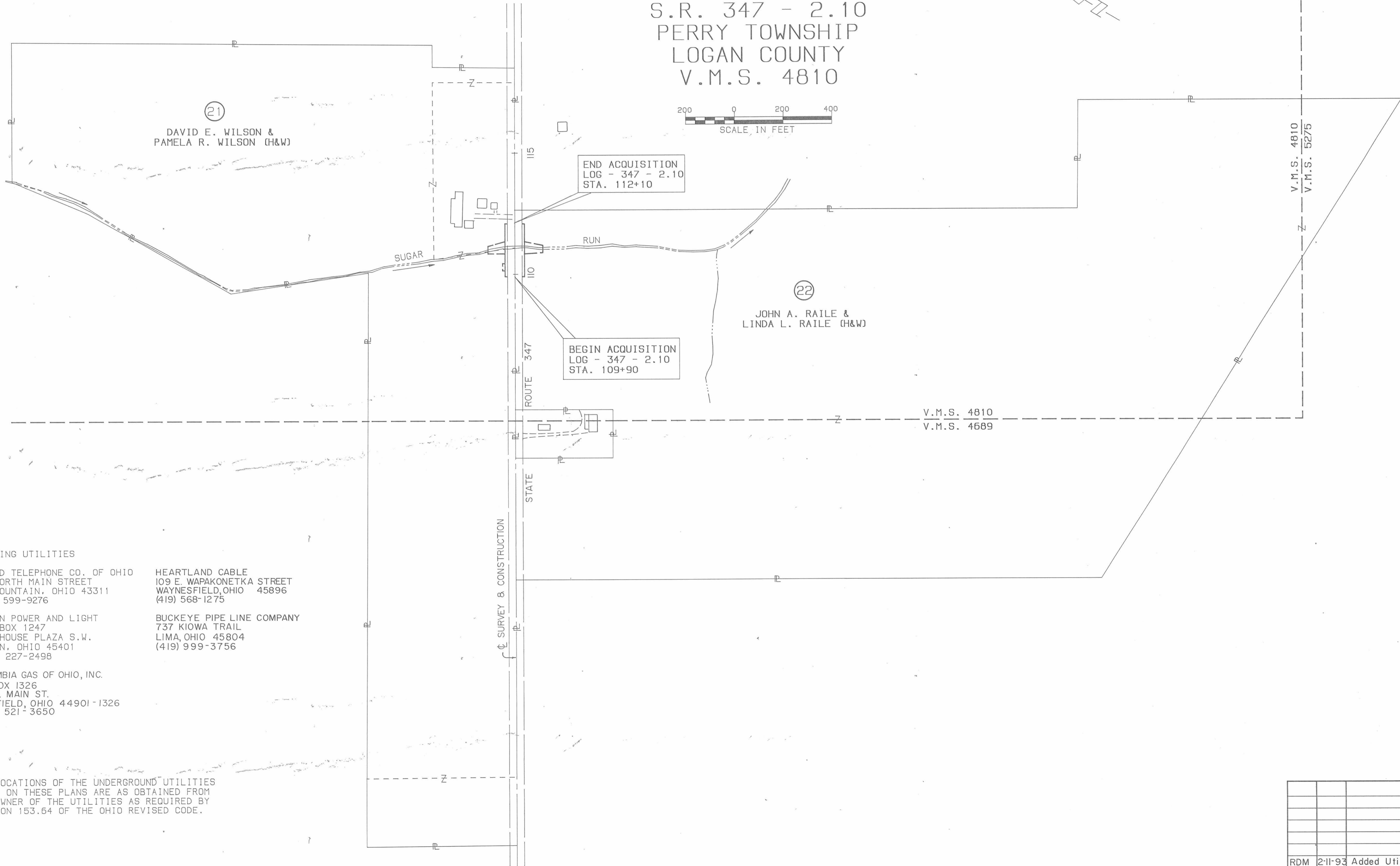
PROPERTY MAP

LOG/UNI - 347 - 1.36/0.00

LOG C.R. 271

S.R. 347 - 2.10
 PERRY TOWNSHIP
 LOGAN COUNTY
 V.M.S. 4810

CALC. BY DATE	BWH 8/92	LOG / UNI - 347 - 1.36 / 0.00	OHIO	71
CHKD. BY DATE	CHG 9/92	LOG C.R. 271	FHWA REGION 5	73
FEDERAL PROJECT		STATE PROJECT	06554(0)	9
				11



- EXISTING UTILITIES**
- UNITED TELEPHONE CO. OF OHIO
127 NORTH MAIN STREET
BELLFOUNTAIN, OHIO 43311
(513) 599-9276
 - DAYTON POWER AND LIGHT
P.O. BOX 1247
COURTHOUSE PLAZA S.W.
DAYTON, OHIO 45401
(513) 227-2498
 - COLUMBIA GAS OF OHIO, INC.
P.O. BOX 1326
380 N. MAIN ST.
MANSFIELD, OHIO 44901-1326
(419) 521-3650
 - HEARTLAND CABLE
109 E. WAPAKONETKA STREET
WAYNESFIELD, OHIO 45896
(419) 568-1275
 - BUCKEYE PIPE LINE COMPANY
737 KIOWA TRAIL
LIMA, OHIO 45804
(419) 999-3756

NOTE:
 THE LOCATIONS OF THE UNDERGROUND UTILITIES
 SHOWN ON THESE PLANS ARE AS OBTAINED FROM
 THE OWNER OF THE UTILITIES AS REQUIRED BY
 SECTION 153.64 OF THE OHIO REVISED CODE.

REV	DATE	DESCRIPTION
RDM	2-11-93	Added Utility Owners

TOTAL NUMBER OF ...
 2 OWNERSHIPS
 0 TOTAL TAKES
 0 OWNERSHIPS W/STRUCTURES INVOLVED
 0 OWNERSHIPS W/"P" ITEMS

SUMMARY OF ADDITIONAL RIGHT OF WAY

CALC. BY DATE 8/19/2	LOG / UNI - 347 - 1.36 / 0.00	OH10
CHKD BY DATE 9/19/2	LOG C.R. 271	FHWA REGION 5
FEDERAL PROJECT	STATE PROJECT	06554(0)

72
73
10
11

STATE ROUTE NO.347-2.10

PID NO.4718

PARCEL	OWNER	SHEET NO.	OWNER RECORD		AUDITOR'S PARCEL NO.	RECORD AREA (AC)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUNDS	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
21	DAVID E. WILSON & PAMELA R. WILSON (H&W)	11	398	859	32-112-00-00-004.000	43.77 65.32	1.546	* 0.026	0	0.026	-	63.748	-	STATE	TAX MAP, 8.7 AC. + 35.07 AC. = 43.77 AC., VMS 4810		
			398	438	32-112-00-00-004.001	5.43	0.471	0.025	0	0.025		4.934	-	↑	TAX MAP		
			407	543	32-112-00-00-003.000	4.00	0.195	-	-	-		3.805	-		VMS 4810		
	(TOTAL)					74.75	2.212	0.051	0	0.051		72.487	-		VMS 4689		
21X		11			32-112-00-00-004.000			0.080	0	0.080					CHANNEL EASEMENT, 0.030 AC. FROM 8.7 AC. TR. & 0.050 AC. FROM 5.43 AC. TR.		
21T		11			32-112-00-00-004.000			0.007	0	0.007					TEMPORARY TO REBUILD DRIVE, DURATION 18 MONTHS IN 6 MONTH INCREMENTS		
															* 0.026 AC. FROM 8.7 AC. TRACT		
22	JOHN A. RAILE & LINDA L. RAILE (H&W)	11	OR.33	163	32-112-00-00-026.000	61.81	0.567	0.051	0	0.051	-	-	61.192		VMS 4810		
					32-112-00-00-030.000	48.86	0.350	-	-	-		-	48.510		VMS 4689		
						3.05	-	-	-	-		-	3.05		ABANDONED R.R.		
	(TOTAL)					113.72	0.917	0.051	0	0.051		-	112.752				
22X		11			32-112-00-00-026.000			0.086	-	0.086					CHANNEL EASEMENT, VMS 4810		
16T	MARVIN A. MITCHELL & FLO JEAN MITCHELL (H&W)	11A	368	179	32-112-00-00-006-000	64.983		0.031	-	0.031		64.983	-		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
17T	HALLEY M. ACKLEY & REBECCA A. ACKLEY (H&W)	11A	OR.118	252	32-112-00-00-025.000	75.68		0.028	-	0.028		-	75.68		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
18T	ROGER M. HATCHER	11B	O.R. 18	375	32-112-00-00-011	1.192		0.039	-	0.039		1.192	-		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
	JOHN H. HATCHER & MARY E. HATCHER - LIFE ESTATE				32-097-00-00-044	63.53		-	-	-		63.53	-				
					32-112-00-00-010	77.25		-	-	-		77.25	-				
	(TOTAL)					141.972		-	-	-		141.972	-				
19T	GEORGE NELSON BAXLEY & DEBORAH A. BAXLEY (H&W)	11B	O.R. 58	204	32-112-00-00-023	42.50		0.007	-	0.007		-	42.50		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
20T	CAROL W. LOSEY & CHAROLET L. LOSEY (H&W)	11B	OR.79	813	32-112-00-00-015.003	63.806		0.023	-	0.023		63.806	-		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
					32-112-00-00-015.001	23.25		-	-	-		23.25	-				
					32-112-00-00-015.002	29.94		-	-	-		29.94	-				
					32-097-00-00-049	62.00		-	-	-		62.00	-				
	(TOTAL)					178.996		-	-	-		178.996	-				
23T	MARY ELLEN MOORE	11B	53	839	32-112-00-00-019	49.87		0.029	-	0.029		-	49.87		TEMPORARY FOR GRADING, DURATION 18 MONTHS		
			53	843	32-112-00-00-021	20.57		-	-	-		-	20.57				
			200	404	32-112-00-00-022	54.02		-	-	-		-	54.02	↓			
	(TOTAL)					124.46		-	-	-		-	124.46	STATE			

S.M.	3-13-93	REVISED P.I.D No.4718
S.N.	3-12-93	Added A.P.N. TO 16T AND O.R. 17-20-21-23
RDM	1-22-93	Added Parcels 16-20 & 23
REV DATE		DESCRIPTION
		DATE OF COMPLETION

LOGAN COUNTY
PERRY TOWNSHIP
V.M.S. 4810

RIGHT OF WAY PLAN



DAVID E. WILSON & PAMELA R. WILSON (H&W)

- (21) GROSS TAKE = 0.051 Ac.
P.R.O. IN TAKE = 0.000 Ac.
NET TAKE = 0.051 Ac.
- (21X) GROSS TAKE = 0.080 Ac.
- (21T) GROSS TAKE = 0.007 Ac.

BEGIN ACQUISITION
S.R. 347 - 2.10
STA. 109+90

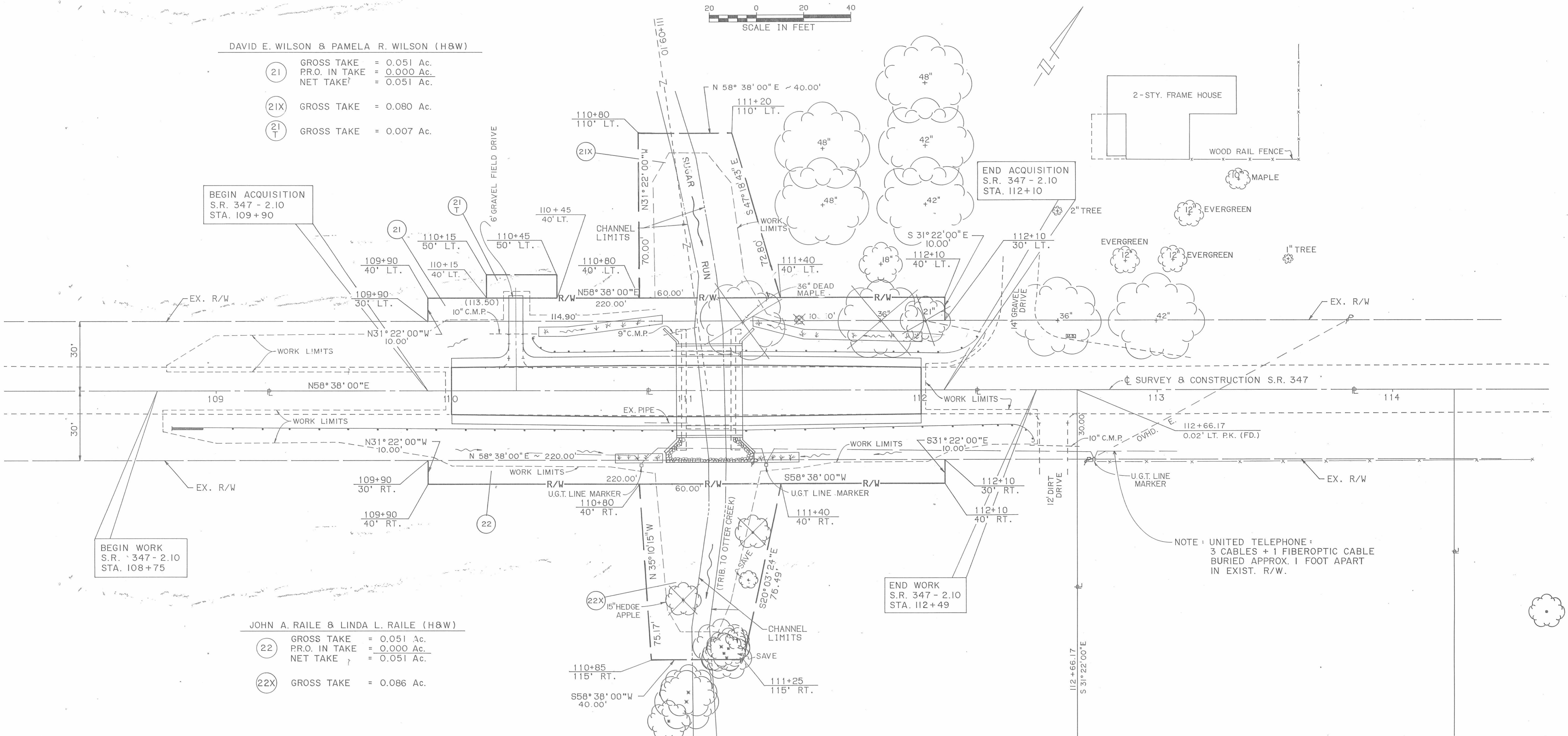
BEGIN WORK
S.R. 347 - 2.10
STA. 108+75

END WORK
S.R. 347 - 2.10
STA. 112+49

END ACQUISITION
S.R. 347 - 2.10
STA. 112+10

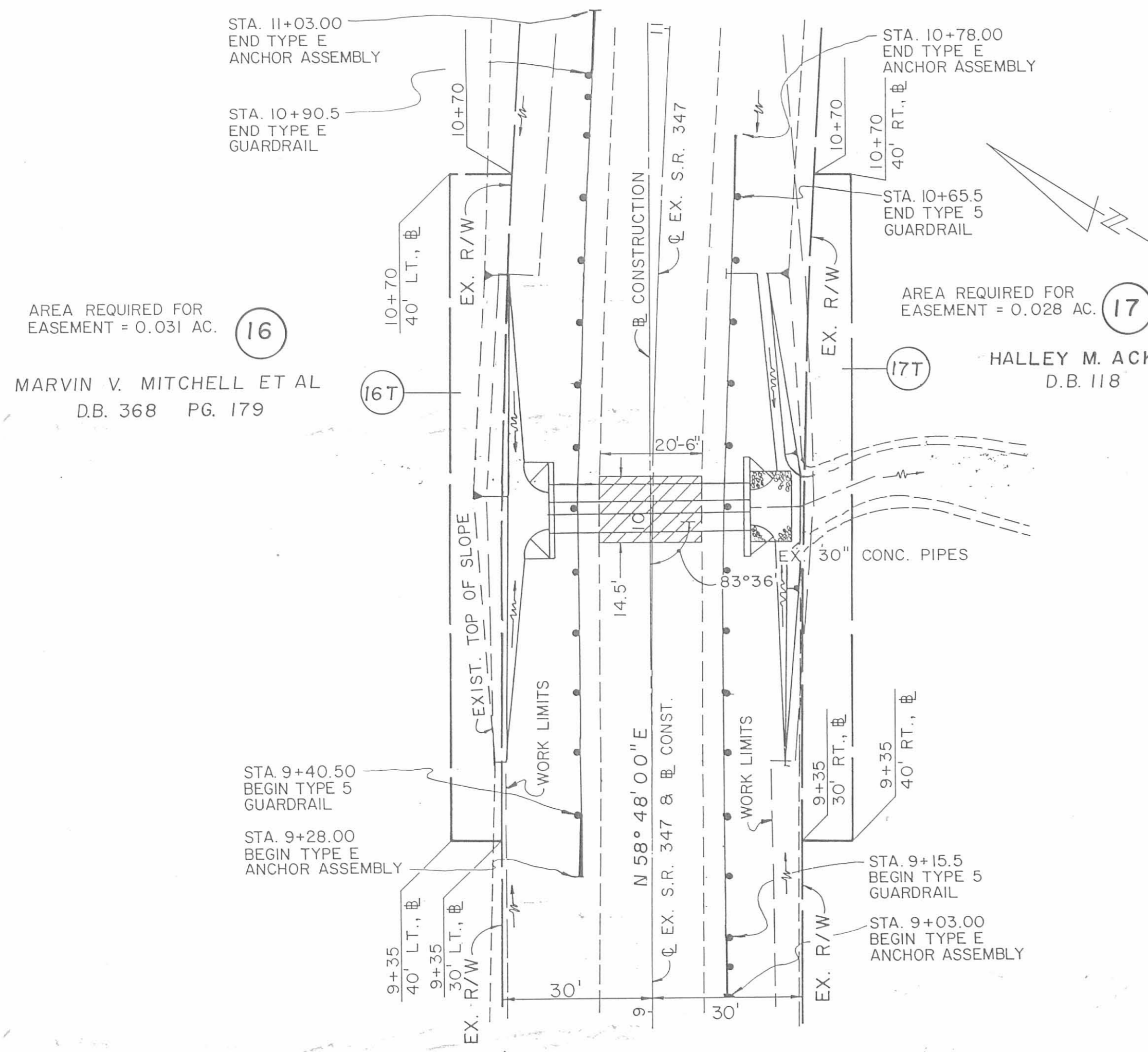
JOHN A. RAILE & LINDA L. RAILE (H&W)

- (22) GROSS TAKE = 0.051 Ac.
P.R.O. IN TAKE = 0.000 Ac.
NET TAKE = 0.051 Ac.
- (22X) GROSS TAKE = 0.086 Ac.



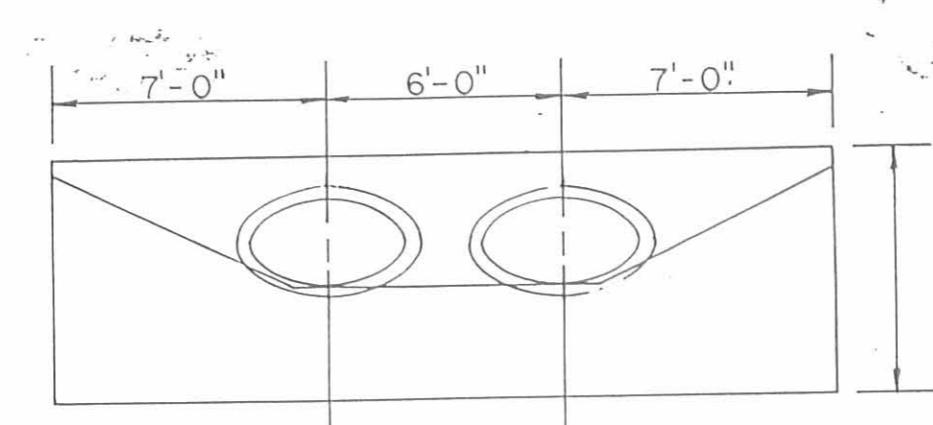
NOTE: UNITED TELEPHONE:
3 CABLES + 1 FIBEROPTIC CABLE
BURIED APPROX. 1 FOOT APART
IN EXIST. R/W.

REV	DATE	DESCRIPTION



AREA REQUIRED FOR EASEMENT = 0.031 AC. (16)
 MARVIN V. MITCHELL ET AL
 D.B. 368 PG. 179

HALLEY M. ACKLEY ET AL
 D.B. 118 PG. 252



HW-1 HEADWALL, AS PER PLAN. FOR DETAILS NOT SHOWN, SEE O.D.O.T. STD. DWG. HW-1

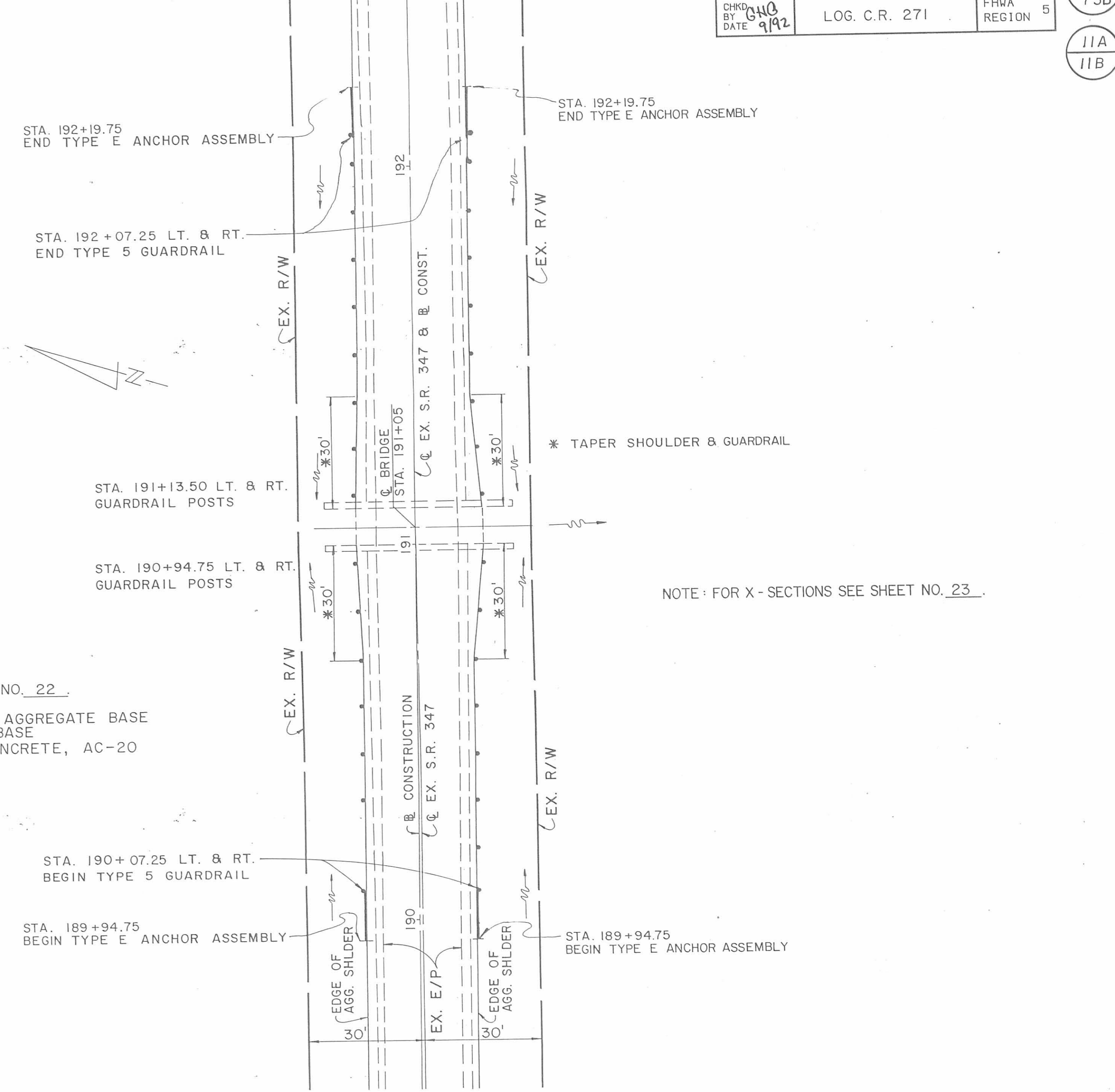
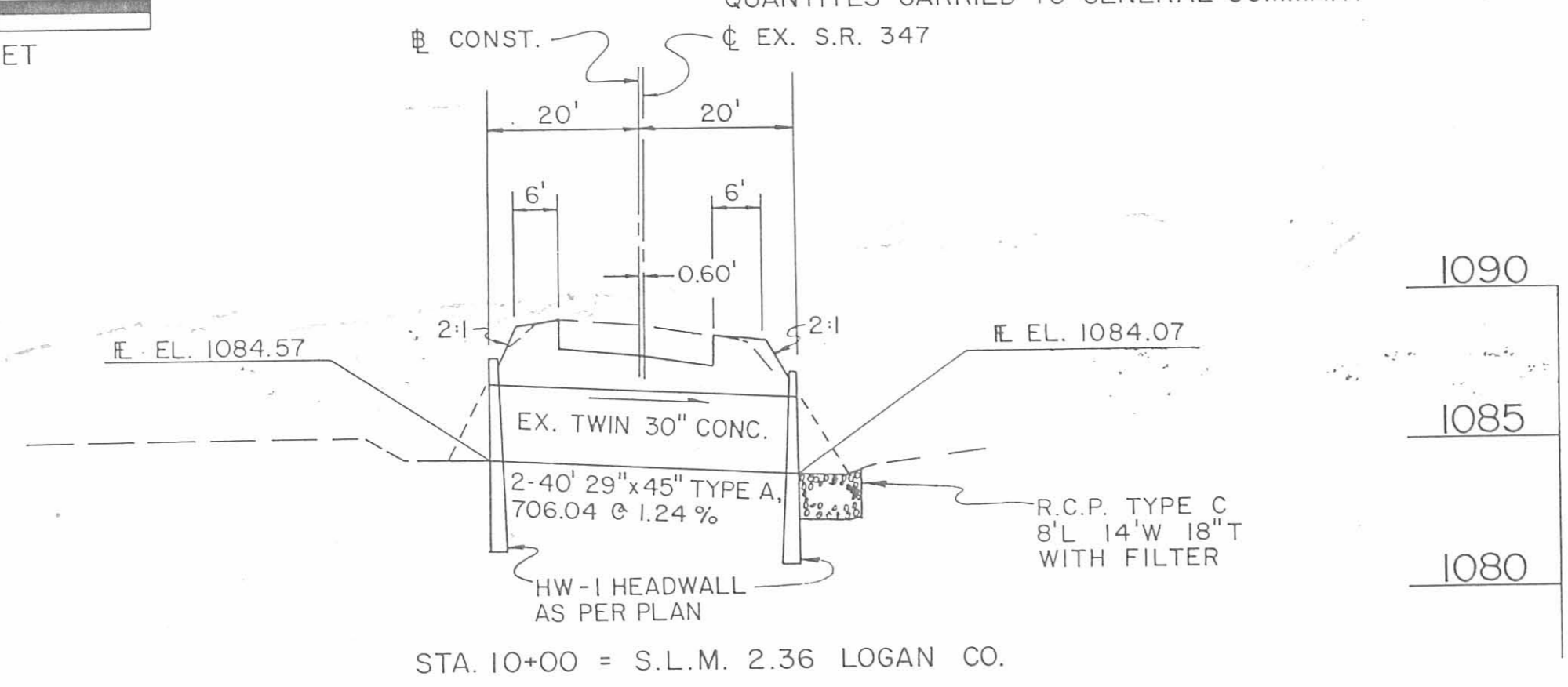
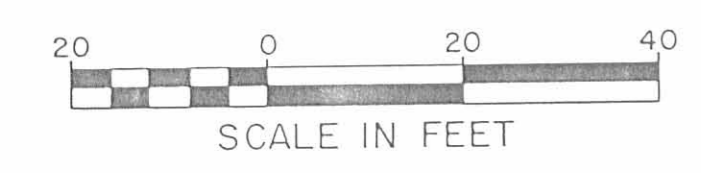
NOTE: FOR X-SECTIONS SEE SHEET NO. 22.

	ITEM 301 9" BITUMINOUS AGGREGATE BASE
	ITEM 304 6" AGGREGATE BASE
	ITEM 402 2" ASPHALT CONCRETE, AC-20

DRAINAGE AREA	= 82.8 AC.
Q25	= 93.0 C.F.S.
Q100	= 113.0 C.F.S.
HW100	= 1088.77
HW25	= 1088.27

QUANTITIES CARRIED TO GENERAL SUMMARY

ITEM 802 BARRIER REFLECTOR, TYPE A	= 6 EACH
ITEM 203 EXCAVATION NOT INCL. EMB. CONSTR.	= 23 CU. YD.
ITEM 603 CONDUIT, TYPE A, 29"x45", 706.04 OR 42", 707.01	= 80 LIN. FT.
ITEM 601 ROCK CHAN. PROTECT., TYPE C WITH FILTER	= 6.3 CU. YD.
ITEM 602 CONCRETE MASONRY	= 14.9 CU. YD.
ITEM 301 BITUMINOUS AGGREGATE BASE	= 9 CU. YD.
ITEM 304 AGGREGATE BASE, AS PER PLAN	= 6 CU. YD.
ITEM 203 EMBANKMENT	= 72 CU. YD.
ITEM 659 SEEDING AND MULCHING	= 1319 SQ. YD.
ITEM 402 ASPHALT CONCRETE, AC-20	= 2 CU. YD.
ITEM 606 GUARDRAIL, TYPE 5	= 300 LIN. FT.
ITEM 606 ANCHOR ASSEMBLY, TYPE E	= 4 EACH



AREA REQUIRED FOR EASEMENT = 0.028 AC. (17)
 MARVIN V. MITCHELL ET AL
 D.B. 368 PG. 179

HALLEY M. ACKLEY ET AL
 D.B. 118 PG. 252

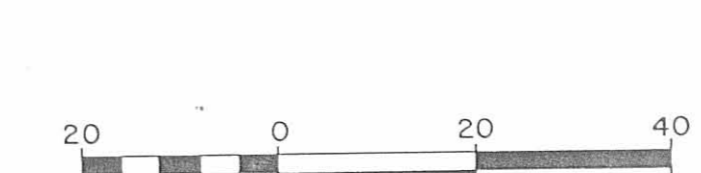
NOTE: FOR X-SECTIONS SEE SHEET NO. 22.

	ITEM 301 9" BITUMINOUS AGGREGATE BASE
	ITEM 304 6" AGGREGATE BASE
	ITEM 402 2" ASPHALT CONCRETE, AC-20

DRAINAGE AREA	= 82.8 AC.
Q25	= 93.0 C.F.S.
Q100	= 113.0 C.F.S.
HW100	= 1088.77
HW25	= 1088.27

QUANTITIES CARRIED TO GENERAL SUMMARY

ITEM 802 BARRIER REFLECTOR, TYPE A	= 6 EACH
ITEM 203 EXCAVATION NOT INCL. EMB. CONSTR.	= 23 CU. YD.
ITEM 603 CONDUIT, TYPE A, 29"x45", 706.04 OR 42", 707.01	= 80 LIN. FT.
ITEM 601 ROCK CHAN. PROTECT., TYPE C WITH FILTER	= 6.3 CU. YD.
ITEM 602 CONCRETE MASONRY	= 14.9 CU. YD.
ITEM 301 BITUMINOUS AGGREGATE BASE	= 9 CU. YD.
ITEM 304 AGGREGATE BASE, AS PER PLAN	= 6 CU. YD.
ITEM 203 EMBANKMENT	= 72 CU. YD.
ITEM 659 SEEDING AND MULCHING	= 1319 SQ. YD.
ITEM 402 ASPHALT CONCRETE, AC-20	= 2 CU. YD.
ITEM 606 GUARDRAIL, TYPE 5	= 300 LIN. FT.
ITEM 606 ANCHOR ASSEMBLY, TYPE E	= 4 EACH



PLAN

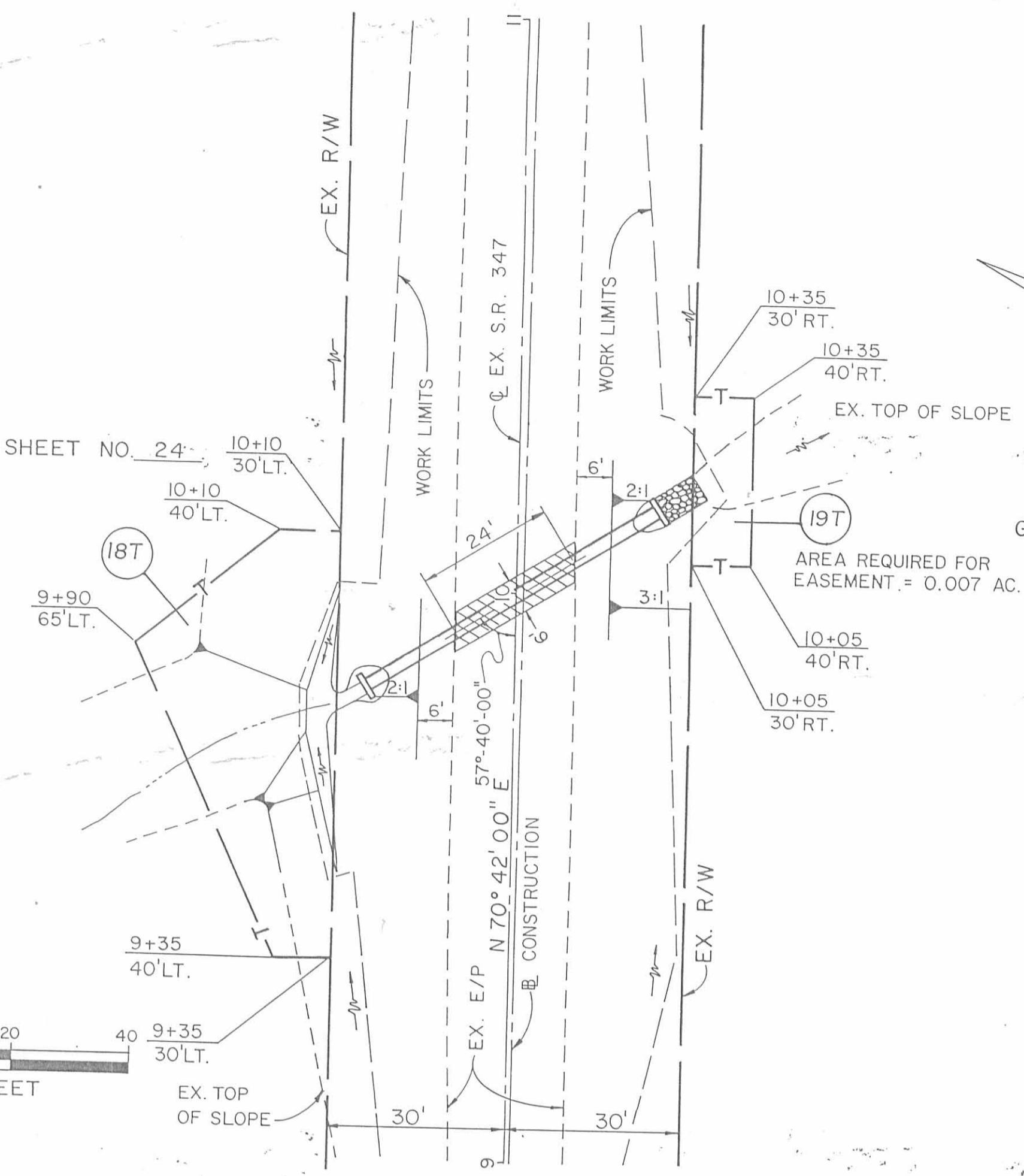
ITEM 203 EXCAVATION NOT INCL. EMB. CONSTR.	= 79 CU. YD.
ITEM 606 GUARDRAIL, TYPE 5	= 362.5 LIN. FT.
ITEM 606 ANCHOR ASSEMBLY, TYPE E	= 4 EACH
ITEM 659 SEEDING & MULCHING	= 1052 SQ. YD.
ITEM 802 BARRIER REFLECTOR, TYPE A	= 8 EACH
ITEM 606 BRIDGE TERMINAL ASSEMBLY, TYPE 4	= 4 EACH

STA. 191+05 @ BRIDGE NO. LOGAN CO. 347-3.62

FOR STRUCTURE DETAILS SEE SHEET NO. 61-62.

NOTE: FOR X-SECTIONS SEE SHEET NO. 24-

AREA REQUIRED FOR EASEMENT = 0.039 AC. (18)
 ROGER M. HATCHER
 D.B. 18 PG. 375



GEORGE NELSON BAXLEY ET AL
 D.B. 58 PG. 204

CAROL W. LOSEY ET AL
 D.B. 79 PG. 813

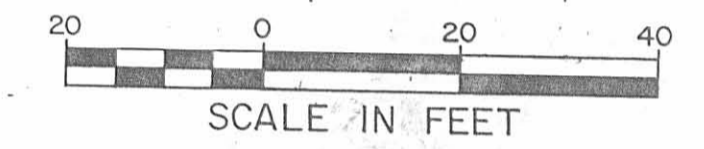
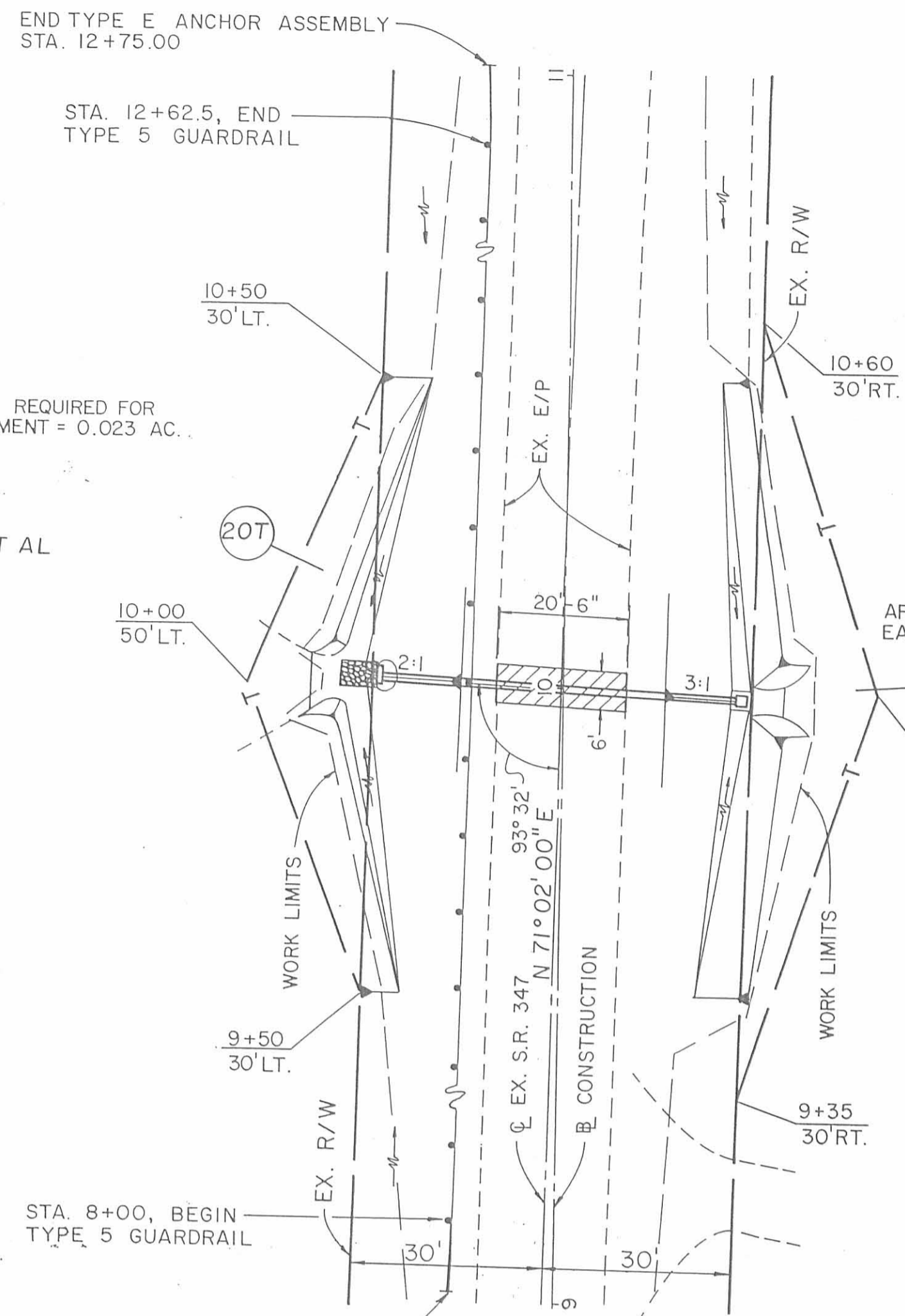
NOTE: FOR X-SECTIONS SEE SHEET NO. 25-26.

MARY ELLEN MOORE
 D.B. 53 PG. 839

- ITEM 301 9" BITUMINOUS AGGREGATE BASE
- ITEM 304 6" AGGREGATE BASE
- ITEM 402 2" ASPHALT CONCRETE, AC-20

BEGIN TYPE E ANCHOR ASSEMBLY
 STA. 7+87.50

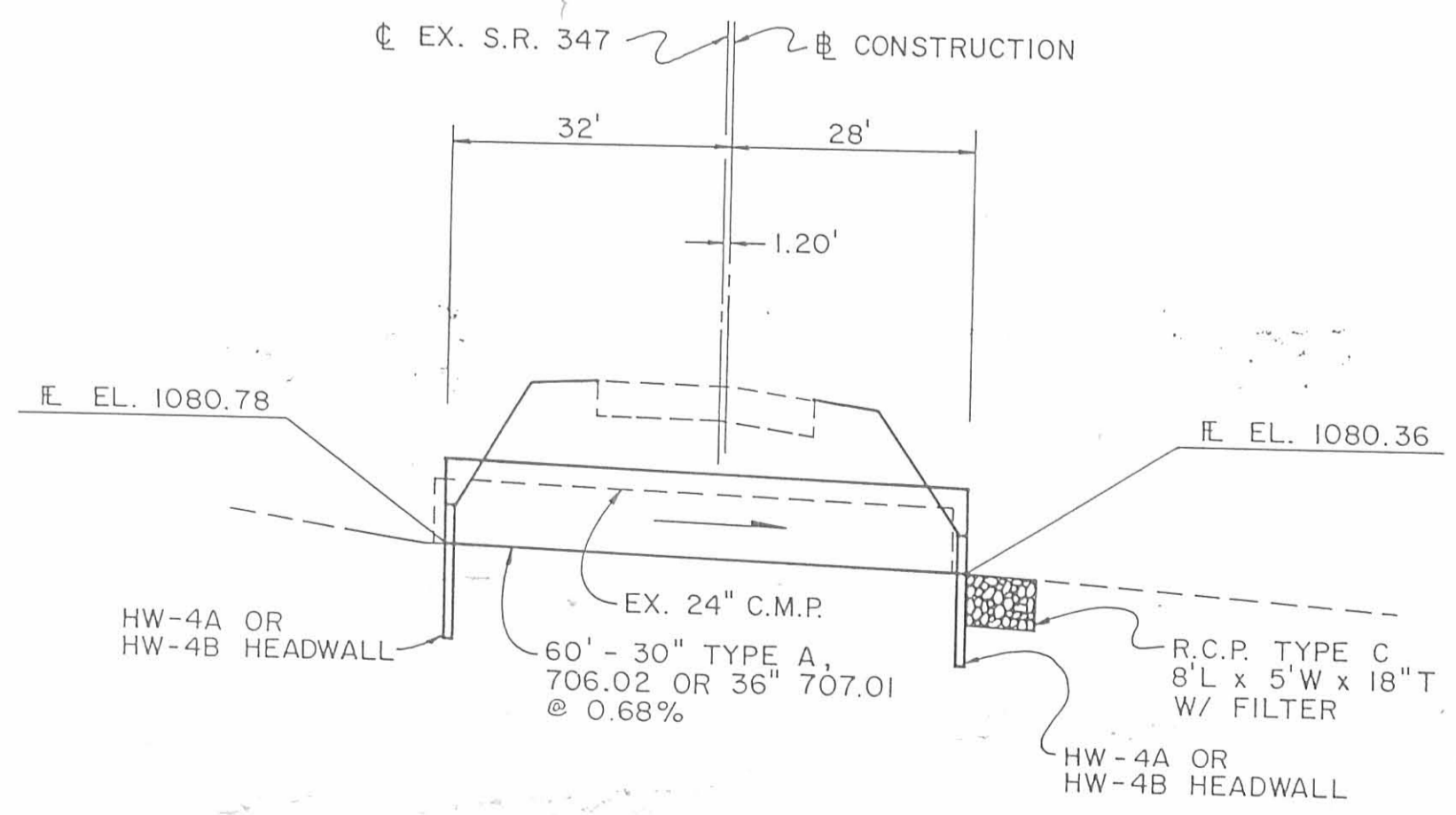
DRAINAGE AREA	= 5.5 Ac.
Q25	= 7.8 C.F.S.
Q100	= 9.7 C.F.S.
HW100	= 1090.08
HW25	= 1088.52



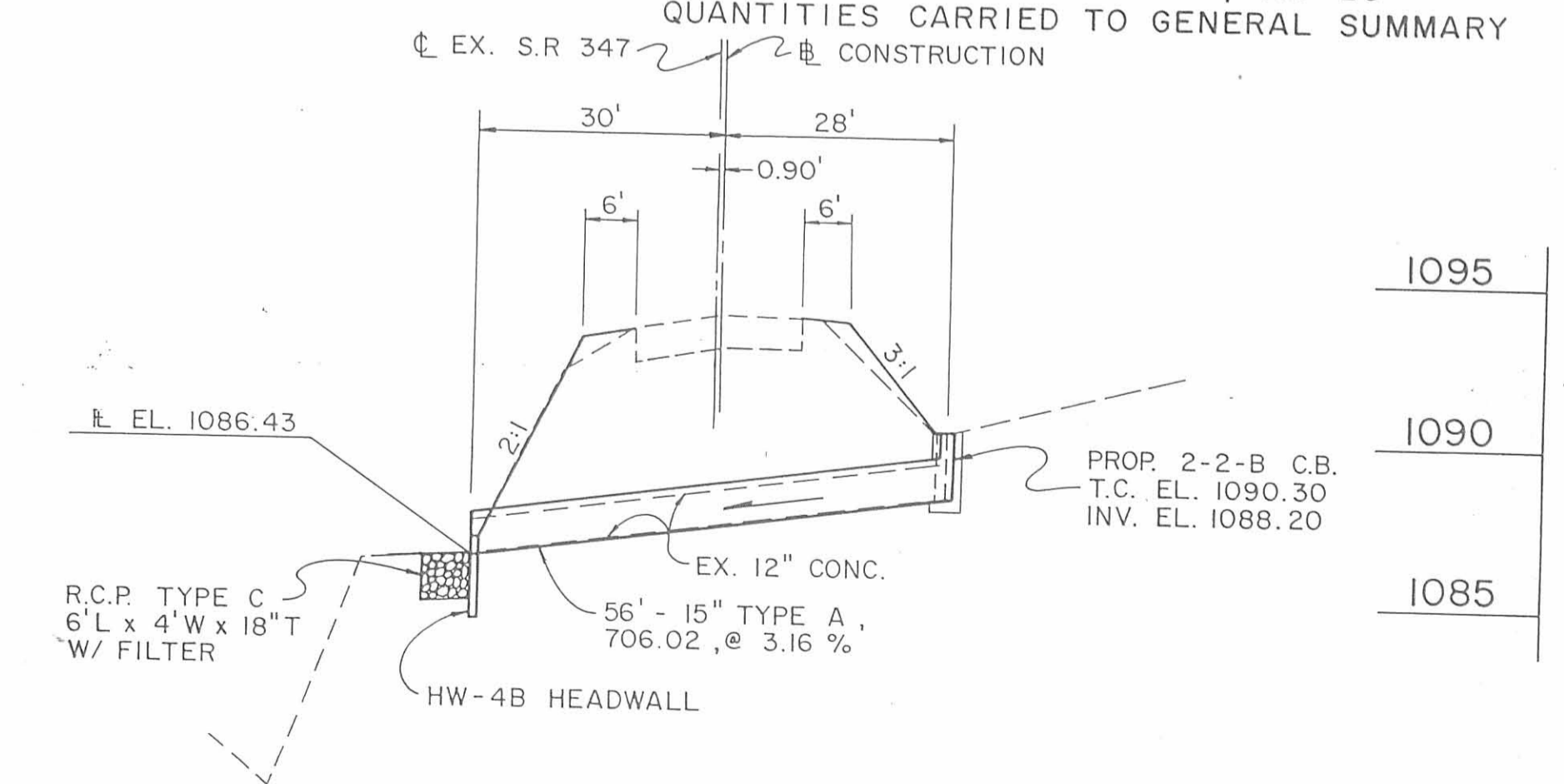
DRAINAGE AREA	= 42.2 Ac.
Q25	= 41.2 C.F.S.
Q100	= 50.6 C.F.S.
HW100	= 1085.73
HW25	= 1084.58

- ITEM 6C3 CONDUIT, TYPE A, 30", 706.02 OR 36" 707.01 = 60 LIN. FT.
 - ITEM 601 ROCK CHAN. PROTECT., TYPE C W/ FILTER = 2.3 CU. YD.
 - ITEM 602 CONCRETE MASONRY = 1.52 CU. YD.
 - ITEM 301 BITUMINOUS AGGREGATE BASE = 4 CU. YD.
 - ITEM 304 AGGREGATE BASE, AS PER PLAN = 3 CU. YD.
 - ITEM 203 EMBANKMENT = 48 CU. YD.
 - ITEM 659 SEEDING & MULCHING = 958 SQ. YD.
 - ITEM 402 ASPHALT CONCRETE, AC-20 = 1 CU. YD.
- QUANTITIES CARRIED TO GENERAL SUMMARY

- ITEM 604 CATCH BASIN, NO. 2-2-B = 1 EACH
 - ITEM 603 CONDUIT, TYPE A, 15", 706.02 = 56 LIN. FT.
 - ITEM 601 ROCK CHAN. PROTECT., TYPE C W/ FILTER = 1.4 CU. YD.
 - ITEM 602 CONCRETE MASONRY = 0.50 CU. YD.
 - ITEM 301 BITUMINOUS AGGREGATE BASE = 4 CU. YD.
 - ITEM 304 AGGREGATE BASE, AS PER PLAN = 3 CU. YD.
 - ITEM 606 GUARDRAIL, TYPE 5 = 462.5 LIN. FT.
 - ITEM 606 ANCHOR ASSEMBLY, TYPE E = 2 EACH
 - ITEM 203 EXCAVATION NOT INCLUDING EMB. CONST. = 30 CU. YD.
 - ITEM 802 BARRIER REFLECTOR, TYPE A = 6 EACH
 - ITEM 203 EMBANKMENT = 47 CU. YD.
 - ITEM 659 SEEDING AND MULCHING = 1830 SQ. YD.
 - ITEM 402 ASPHALT CONCRETE, AC-20 = 1 CU. YD.
- QUANTITIES CARRIED TO GENERAL SUMMARY



STA. 10+00 = S.L.M. 2.70 LOGAN CO.



STA. 10+00 = 3.05 S.L.M. LOGAN CO.