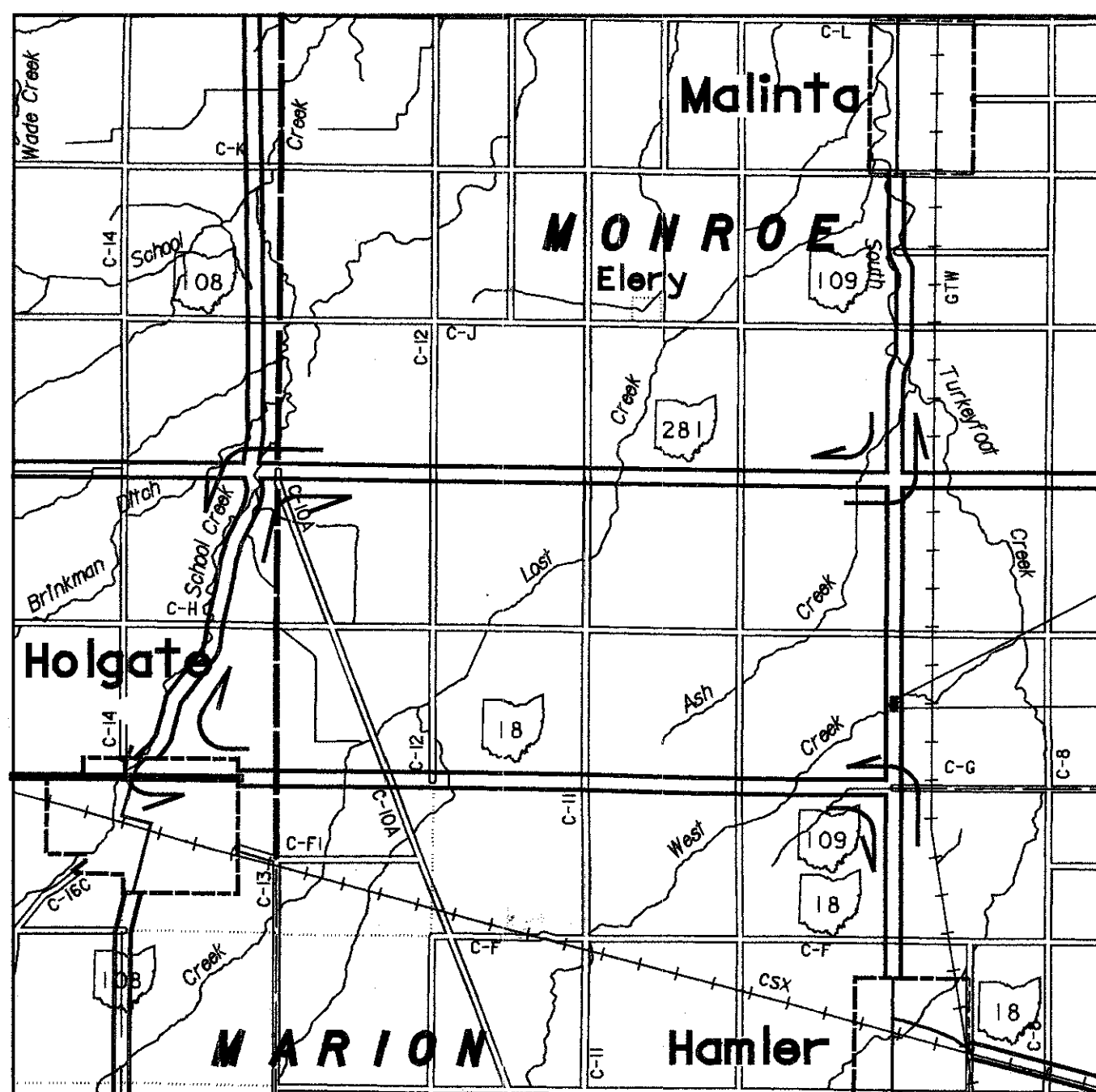


STATE OF OHIO DEPARTMENT OF TRANSPORTATION HEN-109-10.541 (6.55) MONROE TOWNSHIP HENRY COUNTY



PROJECT DESCRIPTION

REPLACEMENT OF EXISTING CONCRETE TEE-BEAM BRIDGE WITH PRESTRESSED BOX BEAM BRIDGE AND APPROACH ROADWAYS ON S.R. 109 (S.L.D. 10.541) OVER WEST CREEK.



LOCATION MAP

End Project Sta.10+567.000
Begin Project Sta.10+502.000

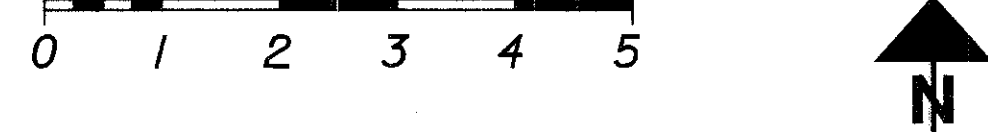
MICROFILMED
JAN 20 1999

INDEX OF SHEETS:

TITLE SHEET ----- 1
SCHEMATIC ----- 2
TYPICAL SECTIONS ----- 3
GENERAL NOTES ----- 4
EROSION CONTROL, DRAINAGE, AND PAVEMENT NOTES ----- 5
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STRUCTURE DETAILS ----- 22-28
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LATITUDE: N 41°15'42" LONGITUDE: W 84°2'12"

SCALE IN KILOMETERS



PORTION TO BE IMPROVED -----
STATE & FEDERAL ROUTES -----
OTHER ROADS -----
DETOUR ROUTE -----

DESIGN DESIGNATION

CURRENT ADT (1998) ----- 2560
DESIGN YEAR ADT (2018) ----- 4100
D.H.V. ----- 410
D. ----- 55%
T-24 ----- 7%
DESIGN SPEED ----- 90 KM/H
LEGAL SPEED ----- 55 MPH (89 KM/H)
DESIGN FUNCTIONAL CLASSIFICATION ----- RURAL MAJOR COLLECTOR

DESIGN EXCEPTIONS

NONE

1997 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 STATE ROUTE AND THAT A DETOUR WILL BE PROVIDED, AS SHOWN ON THIS SHEET.

UNDERGROUND UTILITIES

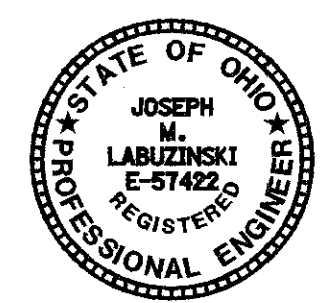
TWO WORKING DAYS
BEFORE YOU DIG

CALL 1-800-362-2764 (TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

PLAN PREPARED BY:
OHIO DEPARTMENT OF TRANSPORTATION
DISTRICT No. 2
ENGINEER: Joseph M. Labuzinski, P.E.

ENGINEERS SEAL:



SIGNED: *Joseph M. Labuzinski*
DATE: 2-27-98

STANDARD CONSTRUCTION DRAWINGS				SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	10-28-94			806	9-9-97
GR-2.2M	10-21-97			865	1-6-98
GR-3.4M	10-21-97				
GR-4.1M	11-30-94				
DM-1.1M	10-21-97				
MT-101.60M	4-25-94				
AS-1-81M	10-25-94				
DBR-2-73M	8-18-95				
DS-1-94M	12-15-94				
PSBD-1-93M	12-19-94				
				SPECIAL PROVISIONS	
				WATERWAY PERMIT #3; 1-13-98	

APPROVED *James J. McCarty*
DATE 2/27/98 DISTRICT DEPUTY DIRECTOR

APPROVED *Joseph J. ...*
DATE 3-10-98 DIRECTOR, DEPARTMENT OF TRANSPORTATION

HEH-109-10.541
980383
32PDS

06-10-98
DIST. 02

1:/pd/henry/13599/13599.dgn

FEDERAL PROJECT NO. **BRF-94A(16)**

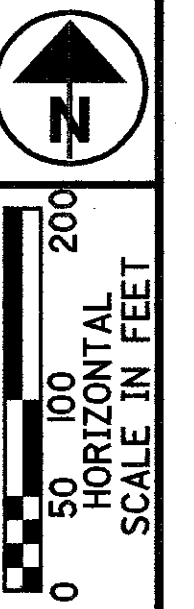
PID NO. **13599**

CONSTRUCTION PROJECT NO. **NONE**

RAILROAD INVOLVEMENT **NONE**

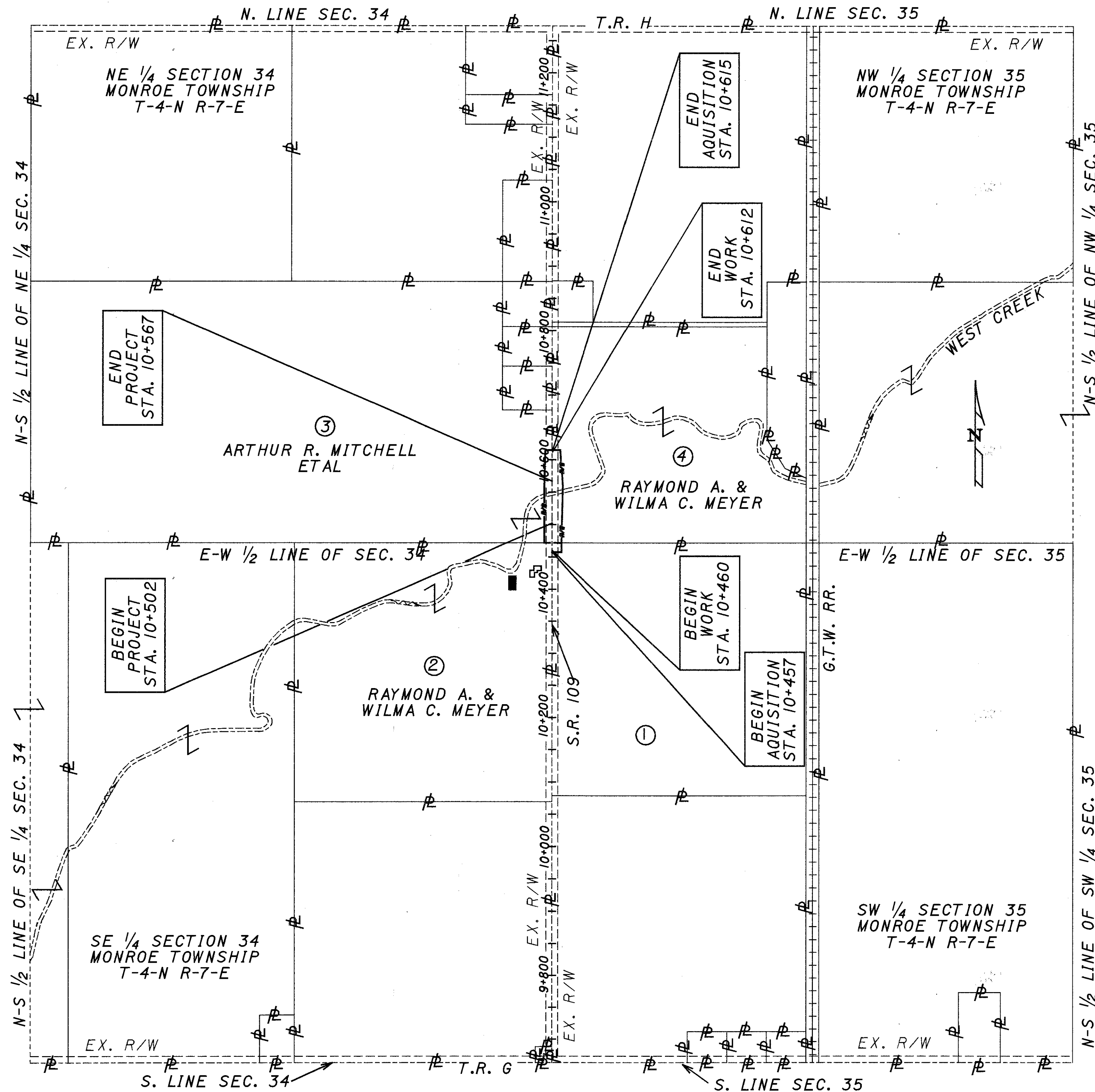
HEH-109-10.541 (6.55)

1
32



PROPERTY MAP

HEN-109-10.541
MONROE TOWNSHIP
HENRY COUNTY
SEC. 34 & 35
T-4-N R-7-E



TYPE	NAME & ADDRESS
TELEPHONE	UNITED TELEPHONE 122 SOUTH ELIZABETH ST. LIMA, OH 45801 (419) 226-6120
ELECTRIC	TRI-COUNTY RURAL ELECTRIC CO-OP P.O. BOX 100 MALINTA, OH 43535 (419) 256-7900
GAS	SUBURBAN NATURAL GAS COMPANY 284 EAST FRONT STREET CYGNET, OH 43413 (419) 655-2345

NOTE: THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.64 OF THE OHIO REVISED CODE.

① LINDA L. BRINK, FEE & RUDOLPH H. BUCHENBURG, L.E.

	- RESIDENTIAL BUILDING
	- COMMERCIAL BUILDING

2	1-28-98	REMOVED TAKE AREA PARCEL 2 CHANGED CONST. SH. NO.		1/4
1	12-15-97	PARCEL 1 CHANGED NAME		
REV. DATE		DESCRIPTION		
DATE OF COMPLETION				

PROPERTY MAP

HEN-109-10.541

P.I.D. 13599
STATE JOB NO. 029260

29
32



TOTAL NUMBER OF :
 4 OWNERSHIPS
 0 TOTAL TAKES
 0 OWNERSHIPS WITH STRUCTURES INVOLVED
 0 OWNERSHIPS WITH "P" ITEMS

SUMMARY OF ADDITIONAL RIGHT OF WAY

ACRES IN ()

PARCEL NO.	OWNER	SHEET NO.	OWNERS RECORD		AUDITOR'S PARCEL	RECORD AREA(AC.)	TOTAL P.R.O.	GROSS TAKE	P.R.O. IN TAKE	NET TAKE	STRUC-TURE	NET RESIDUE		TYPE FUND	REMARKS AND PERSONALTY	AS ACQUIRED	
			BOOK	PAGE								LEFT	RIGHT			BOOK	PAGE
1	LINDA L. BRINK, FEE RUDOLPH H. BUCHENBURG, L.E.	3	248	568	18-350014.0200	15.4150 (38.090)	0.3592 (0.888)	0.0204 (0.050)	0.0133 (0.033)	0.0071 (0.017)		15.0487 (37.185)		STATE		OR 21	164
2	RAYMOND A. MEYER & WILMA C. MEYER TRUST DATED OCT. 20, 1993	3	252 154	391 439	18-340004.0000									NO TAKE			
3	ARTHUR R. MITCHELL, HOWARD J. MITCHELL, FRANKLIN J. SCHAPER, LOUIS J. SCHAPER, VELMA J. DURHAM, & KAREN K. SONNENBERG	3&4	244 242 13	566 208 436	18-340028.0000	30.8543 (76.240)	0.1874 (0.463)	0.1810 (0.447)	0.1312 (0.324)	0.0498 (0.123)		30.6171 (75.654)		STATE		OR 21	160
4	RAYMOND A. MEYER & WILMA C. MEYER TRUST DATED OCT. 20, 1993	3&4	252 155	391 25	18-350012.0000	11.5340 (28.500)	0.3127 (0.773)	0.2097 (0.518)	0.1312 (0.324)	0.0785 (0.194)		11.1428 (27.533)		STATE		OR 23	187

FEDERAL PROJECT NO.

FID NO. 13599

STATE JOB NO. 029260

SUMMARY OF ADDITIONAL RIGHT OF WAY

HEN-109-10.541

NOTE: UNLESS SPECIFIED OTHERWISE,
 AREAS ARE STATED IN HECTARES WITH
 ENGLISH EQUIVALENTS IN (ACRES).

1 HECTARE = 2.471 ACRES

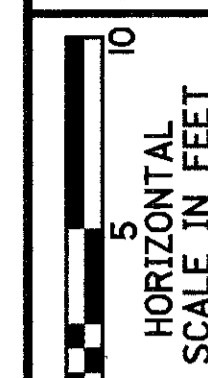
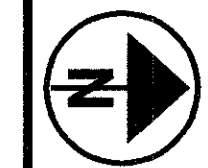
METRIC UNITS TAKE PRECEDENCE

2	1-28-98	REMOVED TAKES FROM PARCEL 2 CHANGED CONST. SHT. NO.
1	12-15-97	PAR. 1,2,3 & 4 ADDED VOL. & PAGE PAR. 1 & 3 CHANGED NAMES
REV.	DATE	DESCRIPTION

2 / 4

30
32

I:\USERS\BLUCE\DGN\HENRY\HI09SUM



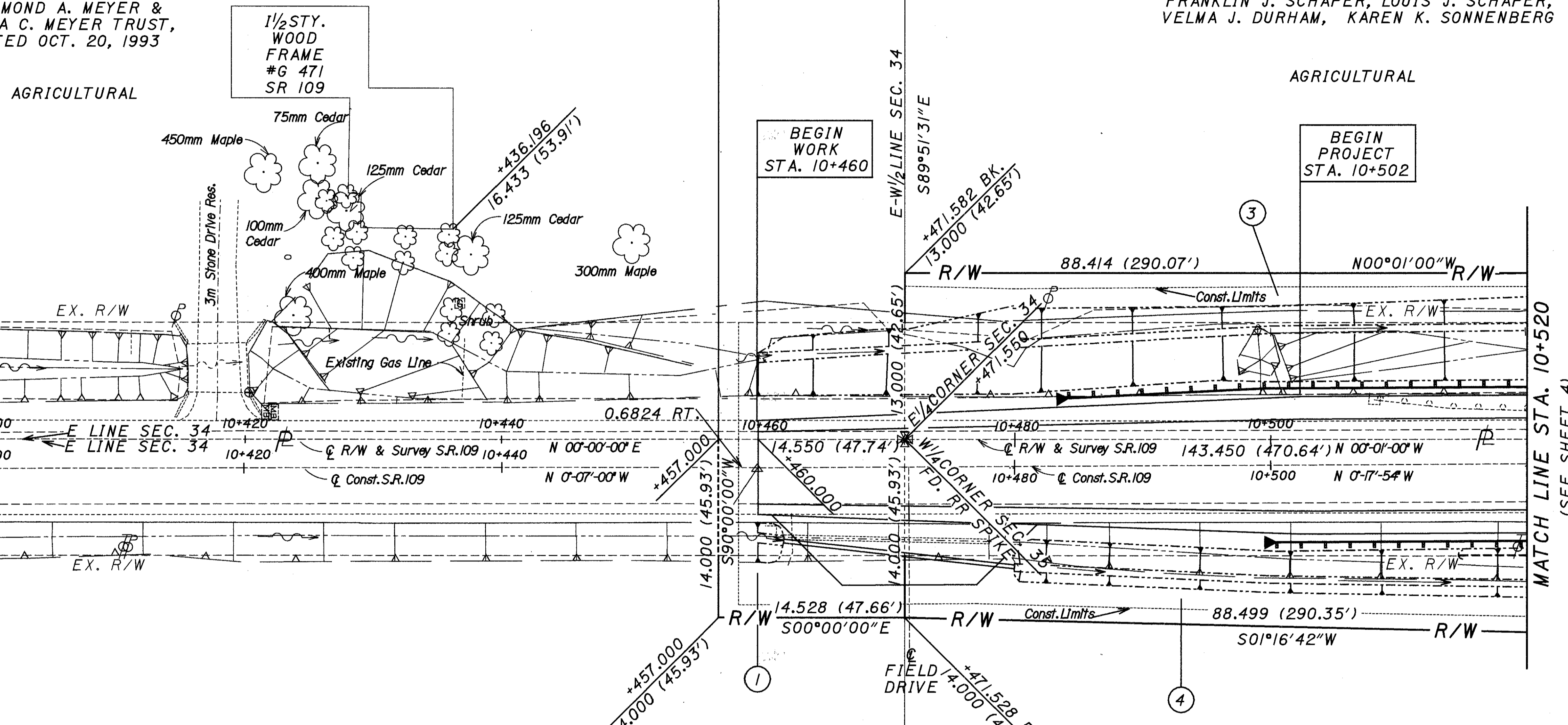
P.L.D. 15599
STATE JOB NO. 029260

HENRY COUNTY
MONROE TOWNSHIP
SE 1/4 SECTION 34
T-4-N R-7-E

HENRY COUNTY
MONROE TOWNSHIP
NE 1/4 SECTION 34
T-4-N R-7-E

RAYMOND A. MEYER &
WILMA C. MEYER TRUST,
DATED OCT. 20, 1993

ARTHUR R. MITCHELL, HOWARD J. MITCHELL,
FRANKLIN J. SCHAPER, LOUIS J. SCHAPER,
VELMA J. DURHAM, KAREN K. SONNENBERG



AGRICULTURAL

AGRICULTURAL

LINDA L. BRINK, FEE
RUDOLPH H. BUCHENBURG, L.E.

RAYMOND A. MEYER &
WILMA C. MEYER TRUST,
DATED OCT. 20, 1993

GAS EASEMENT
RECORDED IN
VOL. 177 PAGE 537

GAS EASEMENT
RECORDED IN
VOL. 177 PAGE 539

SOURCE OF R/W:

HENRY COUNTY
MONROE TOWNSHIP
SW 1/4 SECTION 35
T-4-N R-7-E

BASIS FOR BEARING:

HENRY COUNTY
MONROE TOWNSHIP
NW 1/4 SECTION 35
T-4-N R-7-E

60' R/W PER HENRY CO. ENGINEER.
RECORDED IN VOL. 2 PAGE 502 OF THE
ROAD RECORDS IN THE HENRY CO.
ENGINEER'S OFFICE.

ALL BEARINGS SHOWN ARE FOR PROJECT USE ONLY.
THESE BEARINGS ARE TO AN ASSUMED MERIDIAN
AND ARE USED TO DELINEATE ANGLES ONLY.

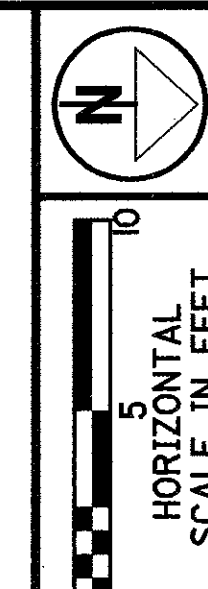
PLAN AND PROFILE - S.R. 109
STA. 10+457 TO STA. 10+520

HEN-109-10.541

REV.	DATE	DESCRIPTION
2	1-28-98	REMOVED PARCEL 2 CHANGED CONST. SHT. NO.
1	12-15-97	CHANGED NAMES PAR. 1 & 3
		DATE OF COMPLETION

3 / 4
31
32

I:\USER\BLUCE\DGN\HENRY\H109DET



HENRY COUNTY
MONROE TOWNSHIP
NE 1/4 SECTION 34
T-4-N R-7-E

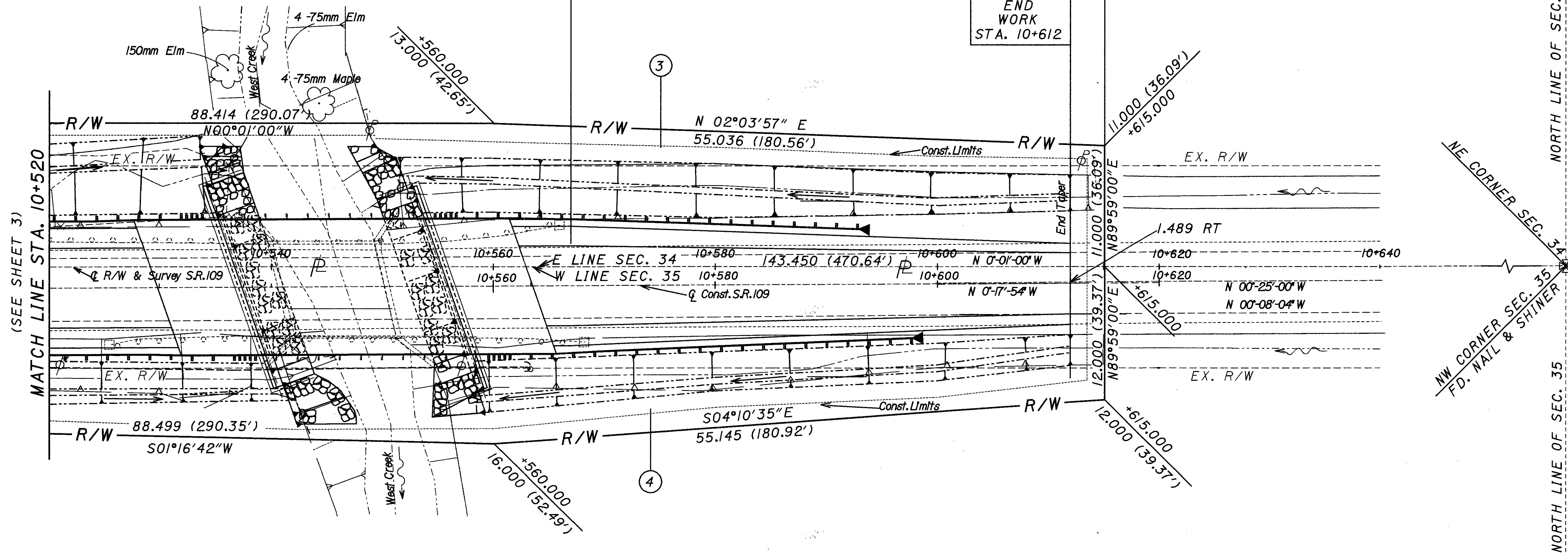
AGRICULTURAL

END PROJECT
STA. 10+567

ARTHUR R. MITCHELL, HOWARD J. MITCHELL,
FRANKLIN J. SCHAPER, LOUIS J. SCHAPER,
VELMA J. DURHAM, KAREN K. SONNENBERG

END AQUISITION
STA. 10+615

END WORK
STA. 10+612



RAYMOND A. MEYER &
WILMA C. MEYER TRUST,
DATED OCT. 20, 1993

AGRICULTURAL

HENRY COUNTY
MONROE TOWNSHIP
NW 1/4 SECTION 35
T-4-N R-7-E

P.L.D. 13599
STATE JOB NO. 029260

PLAN AND PROFILE - S.R. 109
STA. 10+520 TO STA. 10+615

HEN-109-10.541

REV.	DATE	DESCRIPTION
2	1-28-98	CHANGED CONST. SHT. NO.
1	12-15-97	CHANGED NAMES PAR. 1 & 3
		DATE OF COMPLETION

4 / 4
32
32