

Index of Sheets

TITLE SHEET	1
TYPICAL SECTIONS	2, 2A-2B
PROPERTY MAP	3
PRESENT LAYOUTS	4-5
PROPOSED R.O.W. LAYOUTS	4A-5A
PROPOSED LAYOUTS	4B-5B
PROPOSED PROFILES	4C
PUBLIC SIDE ROAD &	
PRIVATE DRIVE PROFILES	6
DRAINAGE MAP	7

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING AND DEVELOPMENT

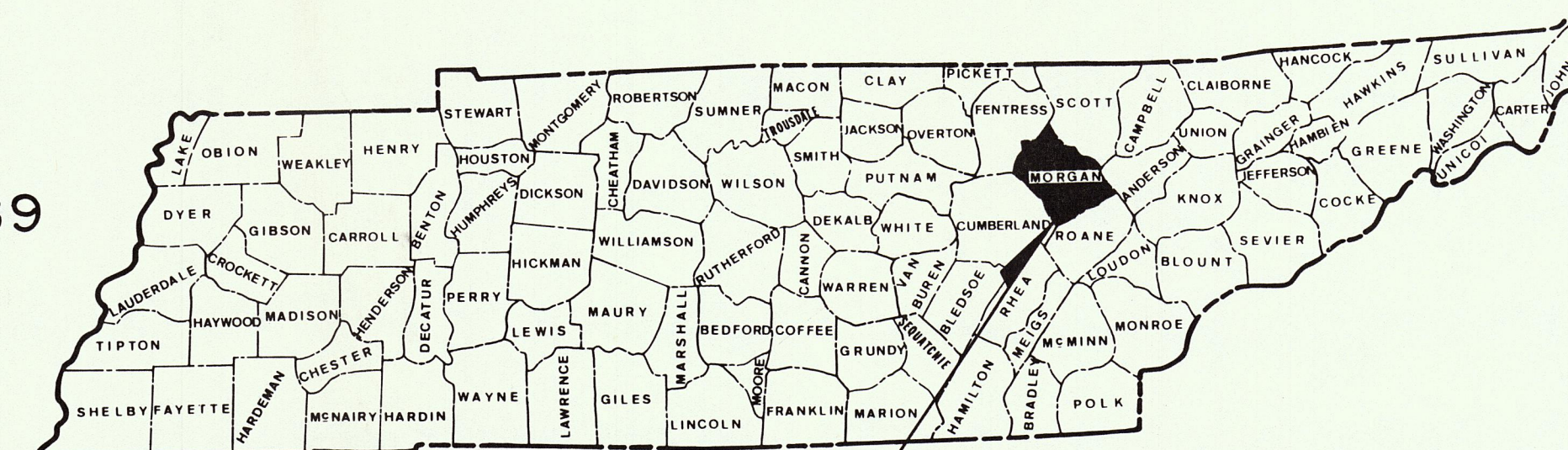
MORGAN COUNTY

S.R. 299 : BRIDGE AND APPROACHES OVER EMORY RIVER @ L.M. 9.89
IN OAKDALE

RIGHT-OF-WAY

STATE HIGHWAY NO. 299 F.A.H.S. NO. 299

TENN.	YEAR	SHEET NO.
	1996	1
FED. AID PROJ. NO.	BR-STP-299 (2)	
STATE PROJ. NO.	65017-2219-94	



PROPOSED PROJECT
BR-STP-299 (2)

NO EQUATIONS
NO EXCLUSIONS

Received 7-19-96
No Disk Received
for Estimate
Design Approval 1-29-96

APPROVED: *Paul R. Morrison*
DIRECTOR, DESIGN DIVISION

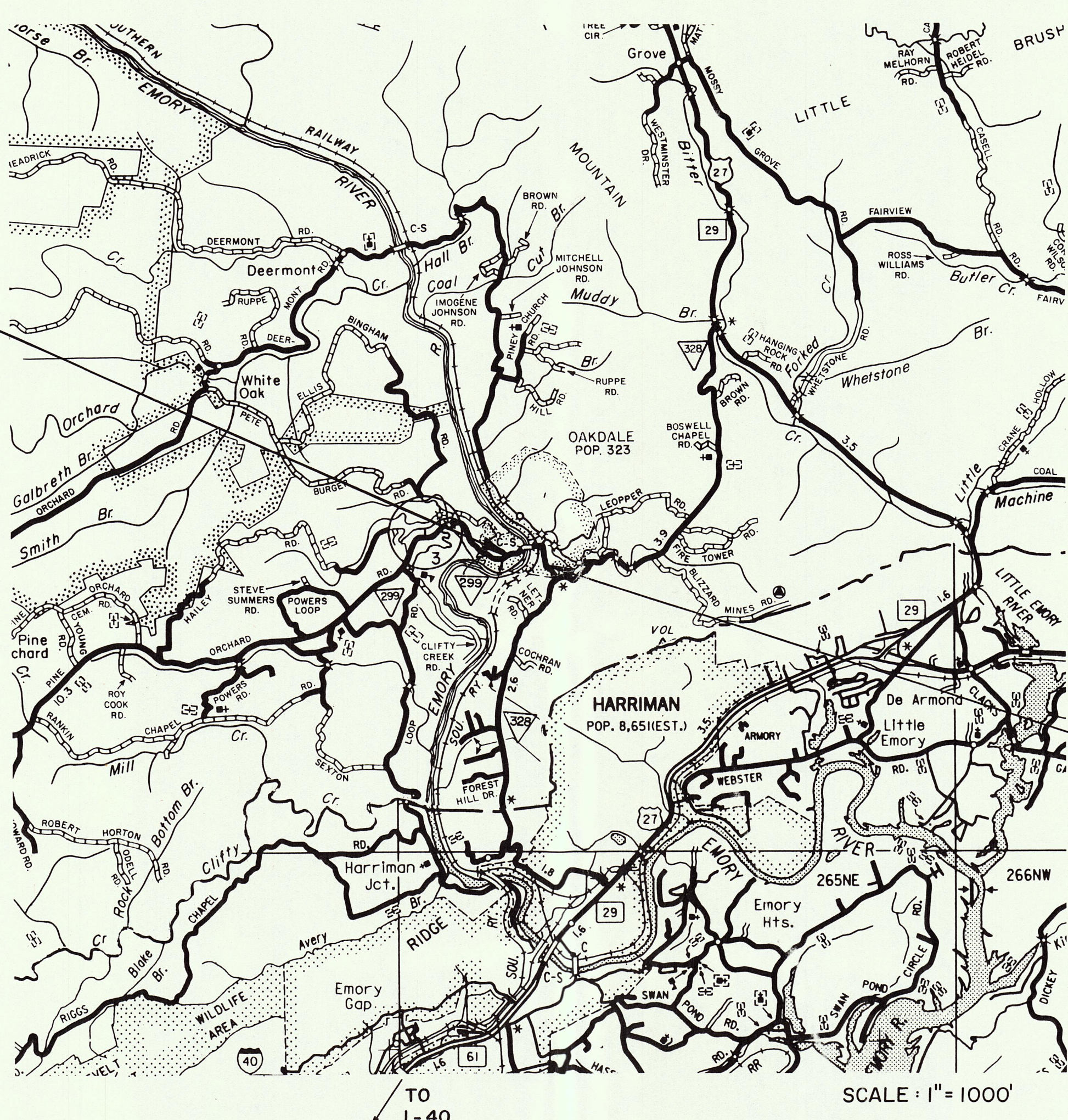
DATE

APPROVED: *James L. Smith*
COMMISSIONER

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED: _____
DIVISION ADMINISTRATOR DATE

TRAFFIC DATA	
ADT (1996)	1980
ADT (2016)	2760
DHV (2016)	331
D	60-40
T (ADT)	10 %
T (DHV)	7 %
V	30 MPH



PROJECT LENGTH 0.268 MILES

0.431 Km

SPECIAL NOTES

PROPOSALS MAY BE REJECTED BY THE COMMISSIONER IF ANY OF THE UNIT PRICES CONTAINED THEREIN ARE OBVIOUSLY UNBALANCED, EITHER EXCESSIVE OR BELOW THE REASONABLE COST ANALYSIS VALUE.

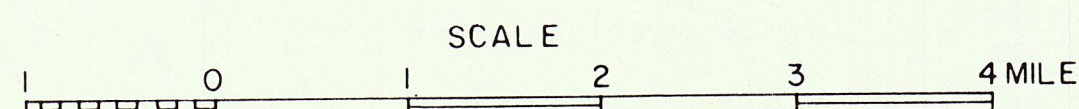
THIS PROJECT TO BE CONSTRUCTED UNDER THE STANDARD SPECIFICATIONS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION DATED MARCH 1, 1995 AND ADDITIONAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PLANS AND IN THE PROPOSAL CONTRACT.

TDOT ROAD SP. SV. 2 HAROLD SMITH C.E. MGR. 2 JAMES P. ALEXANDER
DESIGNER KELLY HENSHAW CHECKED BY _____
P.E. NO. 65017-1217-94

8 Tracts

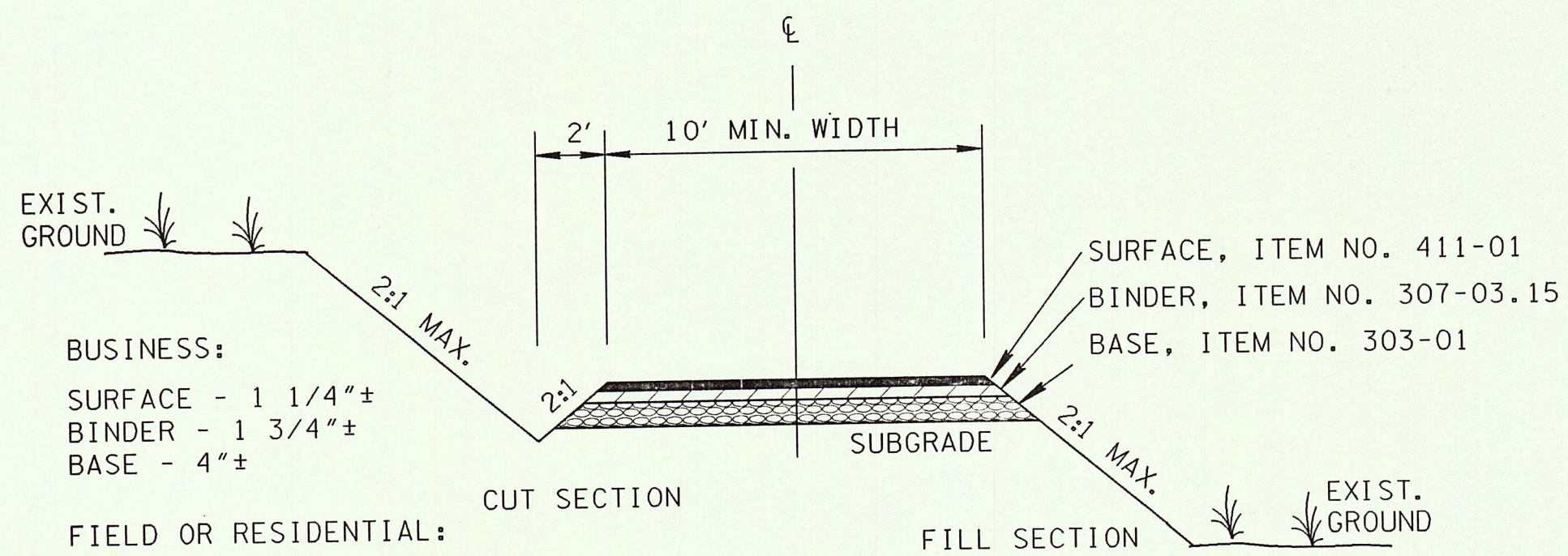
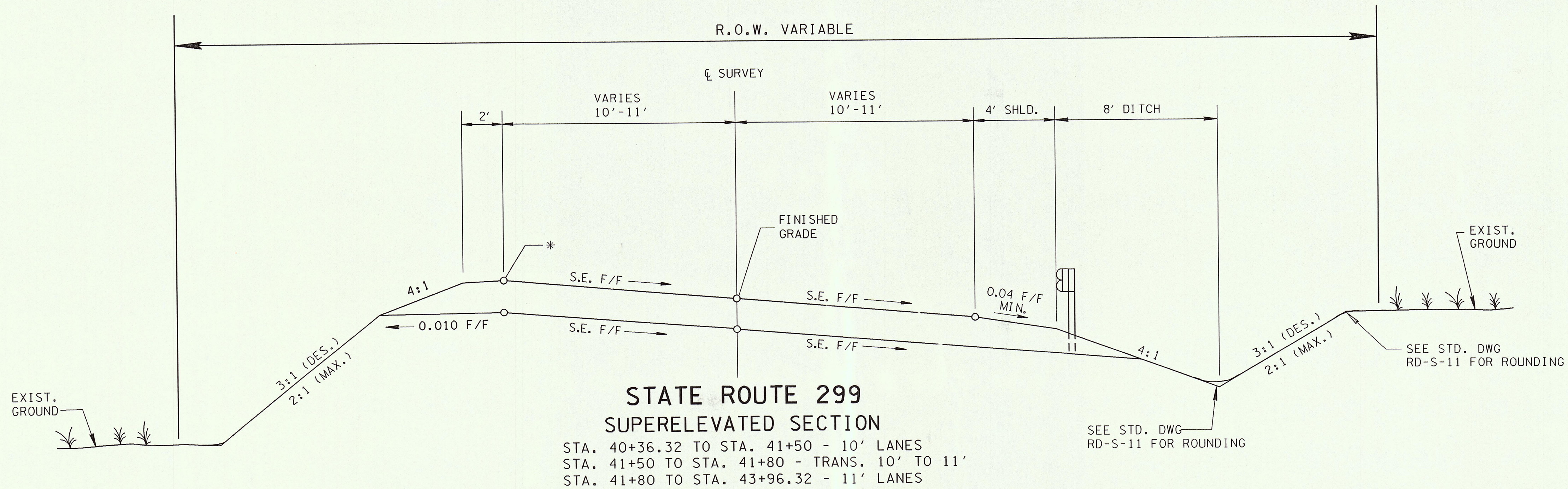
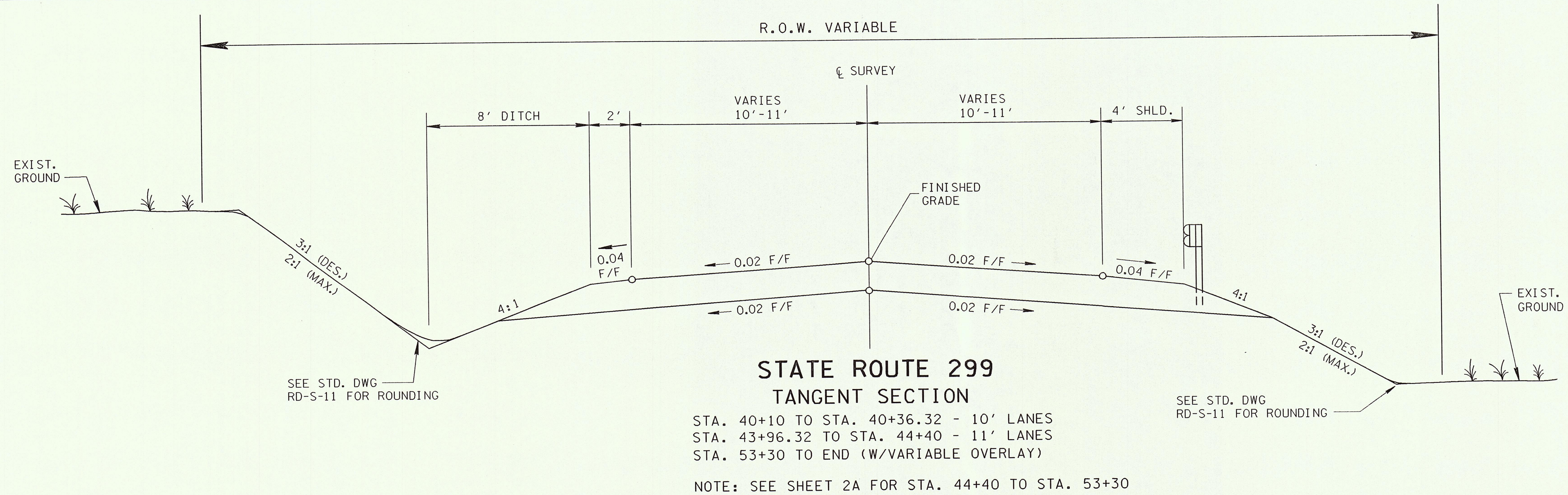
65017-2219-94
BEGIN R.O.W. PROJ. BR-STP-299 (2)
STA. 40+00

65017-2219-94
END R.O.W. PROJ. BR-STP-299 (2)
STA. 54+16.92



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	2

TENNESSEE D.O.T.
 DESIGN DIVISION
 FILE NO.



PRIVATE DRIVE TO BUSINESS,
 FIELD, OR RESIDENTIAL PROPERTY

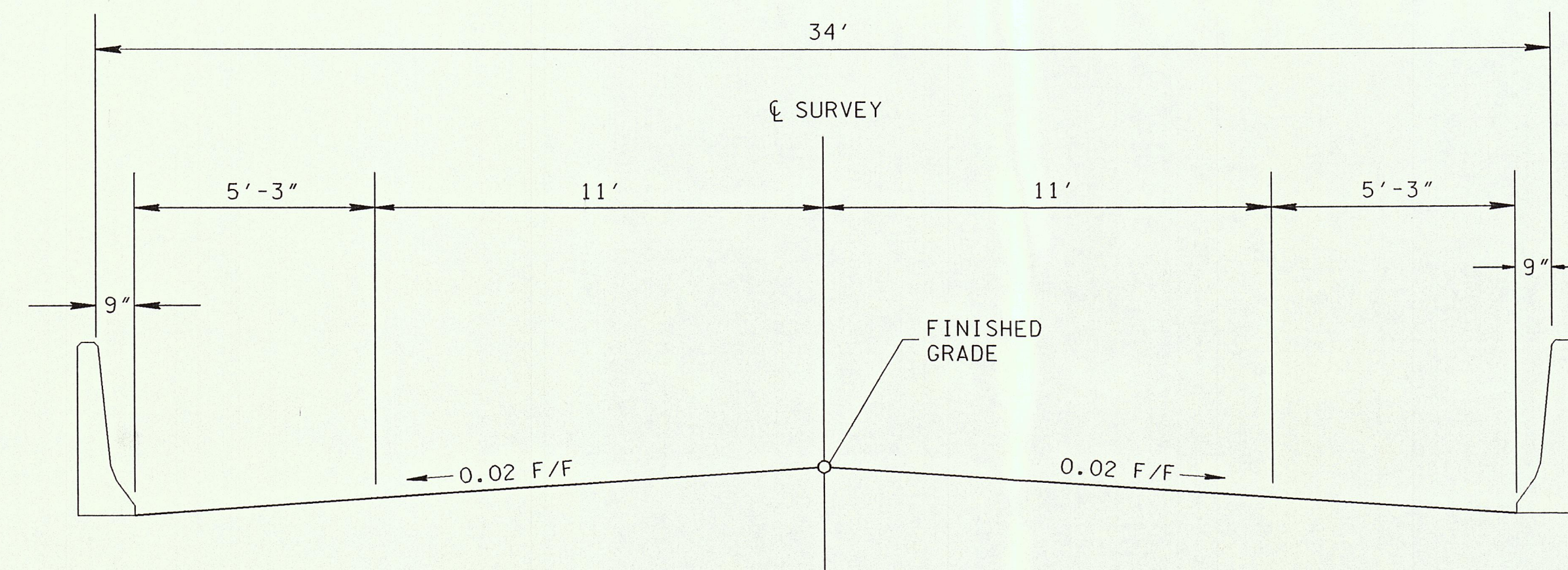
NOTE: DITCHES TO BE CONSTRUCTED WHERE DIRECTED BY THE ENGINEER.

* THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT
 SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF
 0.07 FOOT PER FOOT.

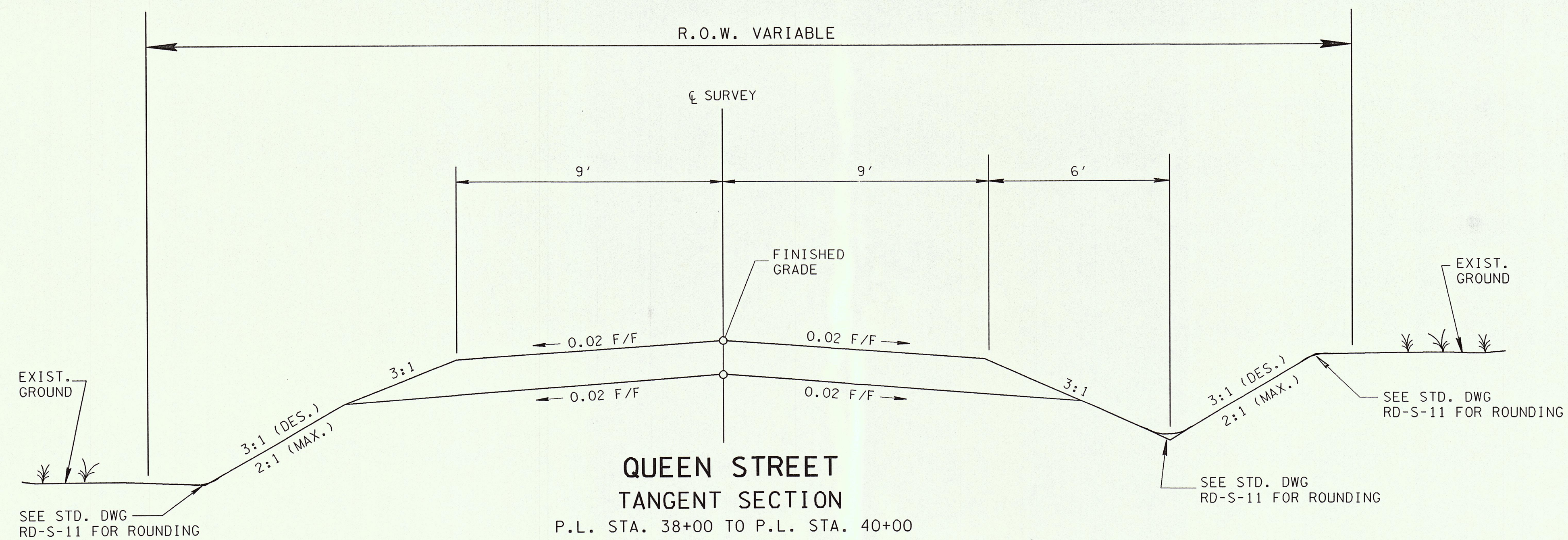
STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 BUREAU OF PLANNING & DEVELOPMENT

**TYPICAL
 SECTIONS**
 N.T.S.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	2A

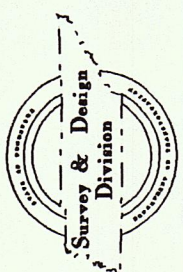


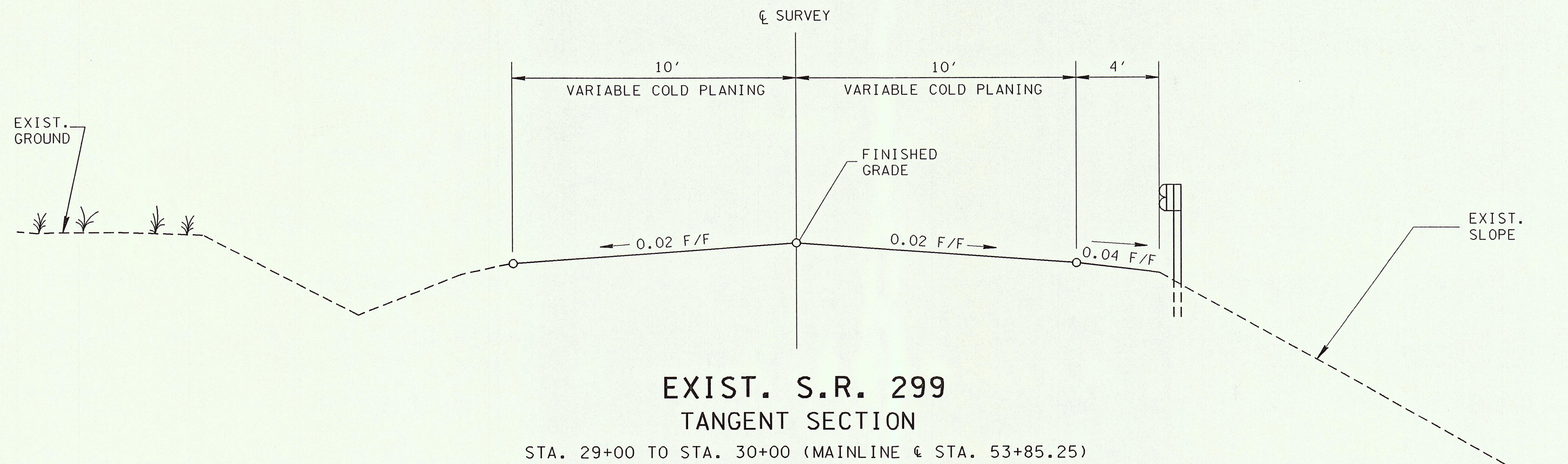
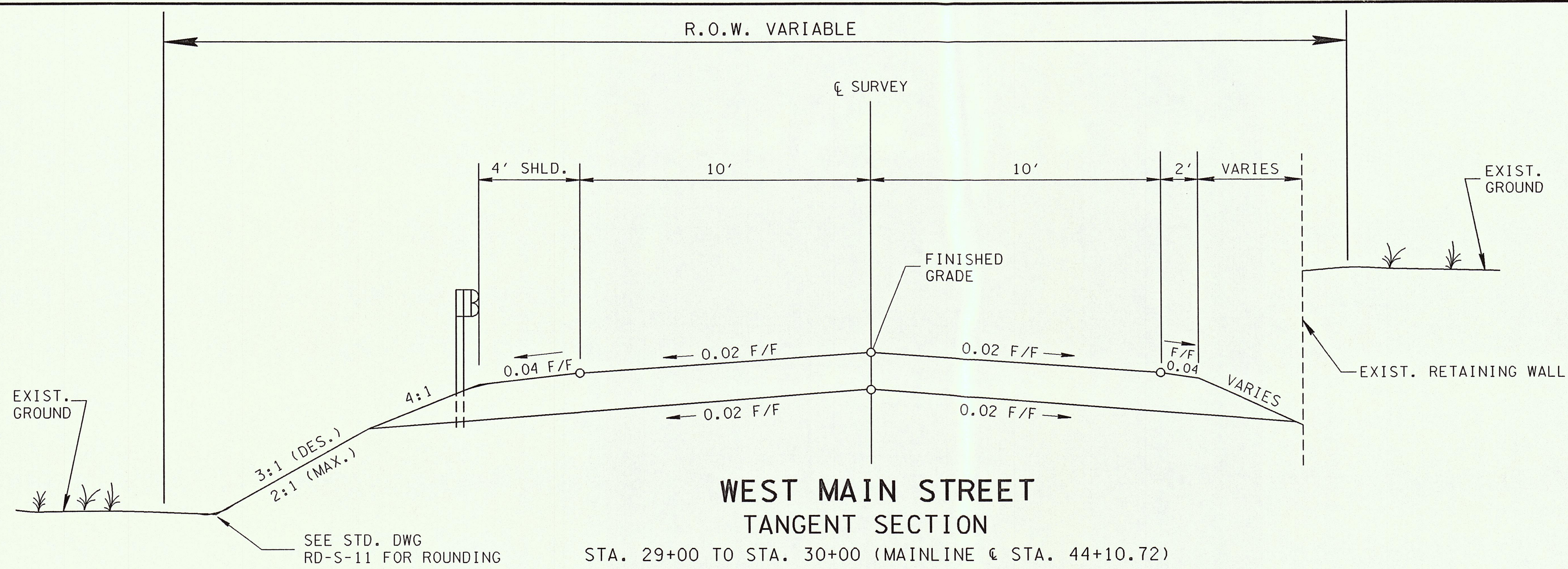
STATE ROUTE 299
BRIDGE SECTION
STA. 44+65 TO STA. 53+15



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

TYPICAL
SECTIONS
N.T.S.





TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	2B

STATE OF TENNESSEE

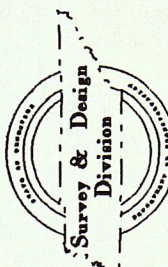
DEPARTMENT OF TRANSPORTATION

BUREAU OF PLANNING & DEVELOPMENT

TYPICAL

SECTIONS

N.T.S.



R.O.W. ACQUISITION TABLE

TRACT NO.	PROPERTY OWNERS	COUNTY RECORDS				AREA TO BE ACQUIRED (AC.)			AREA REAMINING (AC)		EASEMENT (SF)			TOTAL AREA (AC.)		
		TAX MAP NO.	PARCEL NO.	DEED BK.	PAGE	LEFT	RIGHT	TOTAL	LEFT	RIGHT	PERM. DRAIN.	SLOPE	CONST.	LEFT	RIGHT	TOTAL
1	CITY OF OAKDALE, TN.	155BB	7,8,9,9,0,10	R7 & V6	504 & 436		0.248	0.248		0.852					1.1	1.1
2	ROBERT D. YOUNG & CAROLYN RUTH PRUITTE	155BB	6	J7	752									2.4		2.4
3	BARBARA THOMPSON	155BB	6.01	N/R	N/R									0.3		0.3
4	OAKDALE METHODIST CHURCH	155BB	5	N/R	N/R									0.4		0.4
5	GORDON RUSSELL CHAPMAN, ET UX	155BB	11	U5	385	15 S.F.	2599 S.F.	2614 S.F.	0.00	0.00				15 S.F.	2599 S.F.	2614 S.F.
6	FLOYD LEATHERS, ET UX	155BB	12	U5	753	0.1	1307 S.F.	0.13	0.00	0.00				0.1	1307 S.F.	0.13
7	JANE ANGEL	155BC	7	N/R	N/R		0.2	0.2		0.00					0.2	0.2
8	EDGAR JOSEPH BRANHAM, ET UX	155BC	8	U7	778										0.25	0.25
9	HIGHLAND TELEPHONE COOPERATIVE, INC.	155BB	3	05	582									0.13		0.13
10	FLOYD LEATHERS	155BB	4	U5	751									1307 S.F.		1307 S.F.
11	BARBARA SOLOMON, ET AL	155BB	2	W6	255									0.4		0.4
12	SCOTT A. JACKSON, ET UX	155BB	1	C8	182									0.5		0.5
13	CARL HELTON, JR., ET UX	155BE	33	J7	457	347 S.F.		347 S.F.	1.892					1.9		1.9
14	JAMES M. BINGHAM	155BE	32	Y6	167	0.214	0.200	0.414	0.186	0.00				0.4	0.2	0.6
15	STEPHEN W. KERNS, ET UX	155BE	31	B7	572		98 S.F.	98 S.F.		0.397					0.4	0.4
16	DAVID T. LEE	155BE	30	E7	389										0.45	0.45
17	RAY FRANCIS	155BE	29	W6	846										0.3	0.3
18	SOUTHERN RAILWAY	S.R.MAP	V 1	TENN	S 27 S									1.0	1.0	2.0
19	MORGAN COUNTY	155	29	S5	7	2758 S.F.	3551 S.F.	0.145	0.337	0.218			* 0.228	0.4	0.3	0.7
20	DONALD THEREN STONE, ET UX	155	30	J5	265									7.0		7.0
21	JERRY GOTEN, ET UX	155	56	W6	149										8.0	8.0

* INCLUDES 3577 S.F. LEFT & 6370 S.F. RIGHT REQUIRED TO CONSTRUCT THE PROPOSED BRIDGE ABUTMENT.

R.O.W. NOTES

IT IS INTENDED THAT ALL BUILDINGS AND/OR PORTIONS OF BUILDINGS THAT ARE WITHIN THE PROPOSED RIGHT-OF-WAY AND/OR EASEMENT LINES FOR THE PROJECT, BE REMOVED THEREFROM IN THE PROCESS OF RIGHT-OF-WAY ACQUISITION. IF ANY SUCH BUILDINGS OR IMPROVEMENTS ARE NOT REMOVED IN THE COURSE OF RIGHT-OF-WAY ACQUISITION, THE CIVIL ENGINEERING MANAGER 2, HEADQUARTERS SURVEY AND DESIGN OFFICE IS TO BE NOTIFIED IN SUFFICIENT TIME TO PERMIT HAVING SUCH REMOVALS DESIGNATED AS A PART OF THE CONSTRUCTION CONTRACT.

ALL RAMPS MUST CONFORM TO THE DEPARTMENT'S "POLICY ON FINANCING CONSTRUCTION OF PUBLIC ROAD INTERSECTIONS AND DRIVEWAYS ON HIGHWAY RESURFACING, RECONSTRUCTION AND CONSTRUCTION PROJECTS ON NEW LOCATIONS", THE MANUAL ON "RULES AND REGULATIONS FOR CONSTRUCTING DRIVEWAYS ON STATE HIGHWAY RIGHT-OF WAY", STANDARD DRAWING RP-R-1 AND OTHER ACCEPTED DESIGN AND SAFETY STANDARDS.

EXISTING PAVED DRIVEWAY PER TRACT REMAINDER WILL BE REPLACED IN KIND TO A TOUCHDOWN POINT.

ANY NECESSARY PAVING OF DRIVEWAYS WILL BE DONE DURING PAVING OPERATIONS ON THE MAIN ROADWAY.

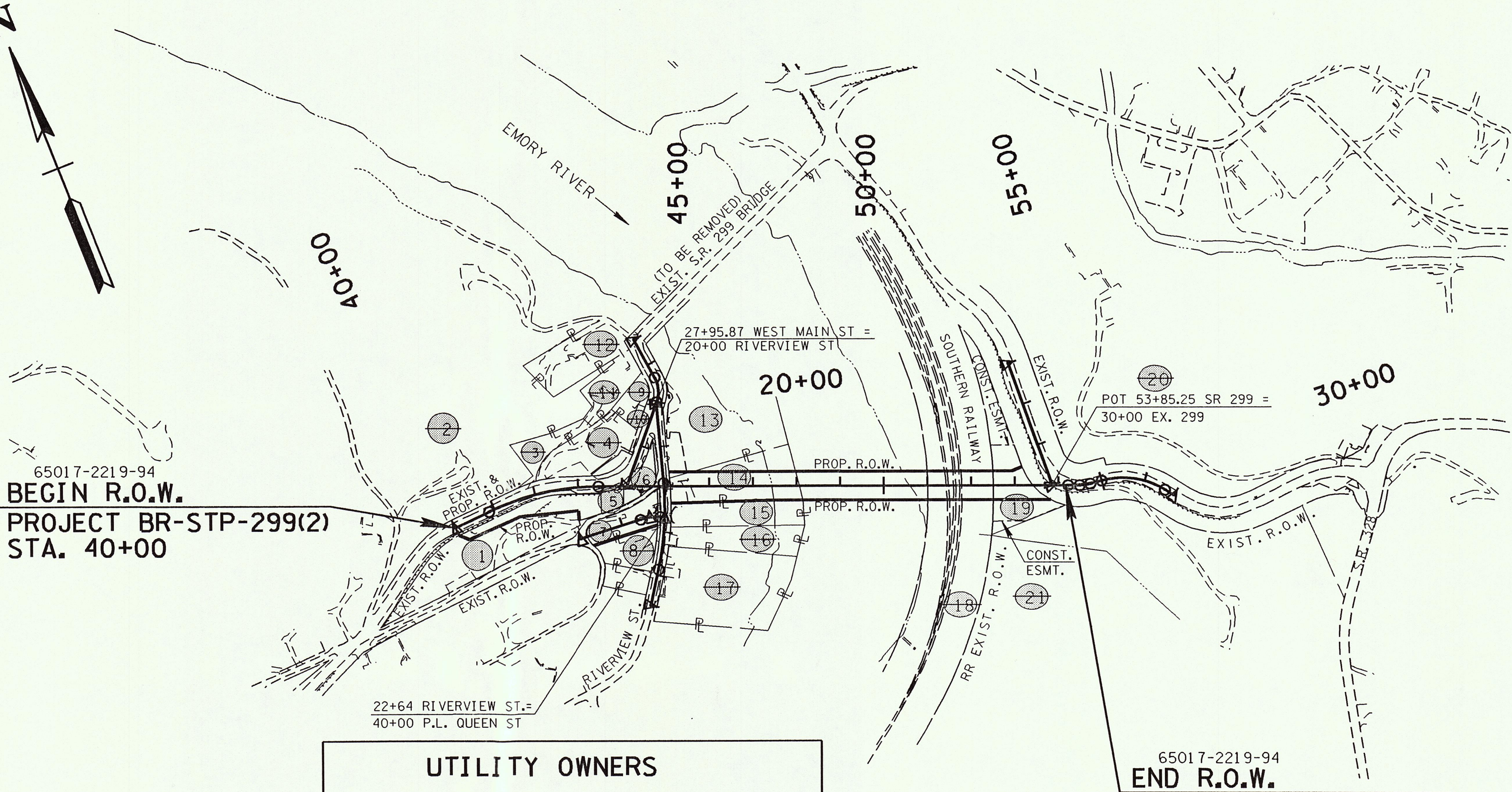
WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY EXCEEDS 7 PER CENT IN GRADE, EACH DRIVEWAY WILL BE PAVED TO A TOUCHDOWN POINT OR UNTIL THE GRADE IS LESS THAN 7 PER CENT.

WHERE THE EXISTING DRIVEWAY IS UNPAVED AND THE PROPOSED DRIVEWAY IS LESS THAN 7 PER CENT IN GRADE, EACH DRIVEWAY WILL BE PAVED A SHOULDER WIDTH FROM THE EDGE OF PAVEMENT AND THE REMAINDER OF THAT DRIVEWAY REPLACED IN KIND TO A TOUCHDOWN POINT.

NEW DRIVEWAYS PROVIDED IN THE PLANS WILL BE PAVED BASED ON THE 7 PER CENT CRITERIA. THOSE 7 PER CENT OR STEEPER IN GRADE WILL BE PAVED AND THOSE FLATTER THAN 7 PER CENT WILL BE COVERED WITH BASE STONE.

ON PROJECTS WITHOUT CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT AND TO CONSTRUCT ADDITIONAL DRIVEWAYS AND FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.

ON PROJECTS WITH CURB AND GUTTER THAT ARE ON STATE ROUTES, IT WILL BE THE RESPONSIBILITY OF THE OWNER TO SECURE A PERMIT. AFTER THE PERMIT HAS BEEN GRANTED THE DEPARTMENT WILL CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE THROUGH THE CURB AND SIDEWALK, PROVIDED THE CURB AND SIDEWALK HAVE NOT BEEN CONSTRUCTED. IT WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONSTRUCT THE DRIVEWAY OR FIELD ENTRANCE FROM BACK OF SIDEWALK TO TOUCHDOWN POINT FOR ANY ADDITIONAL DRIVEWAYS OR FIELD ENTRANCES OTHER THAN THOSE PROVIDED IN THE PLANS.



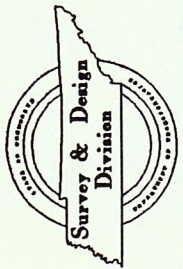
UTILITY OWNERS	
WATER	WOLFE BRANCH UTILITY CO. 2015 OAKDALE HIGHWAY HARRIMAN, TN 37748 DONALD PAINTER - 423/882-2211
TELEPHONE	HIGHLAND TELEPHONE CO-OP 7840 MORGAN CO. HWY. SUNBRIGHT, TN 37872 LARRY GALLOWAY - 423/628-2121
ELECTRIC	HARRIMAN UTILITY BOARD PETTIT LANE WARTBURG, TN 37887 CHUCK FLORA - 423/882-3242
CABLE TELEVISION	BIG SOUTH FORK CABLEVISION P.O. BOX 465 WARTBURG, TN 37887 MIKE ADAMS - 423/346-6674

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	3

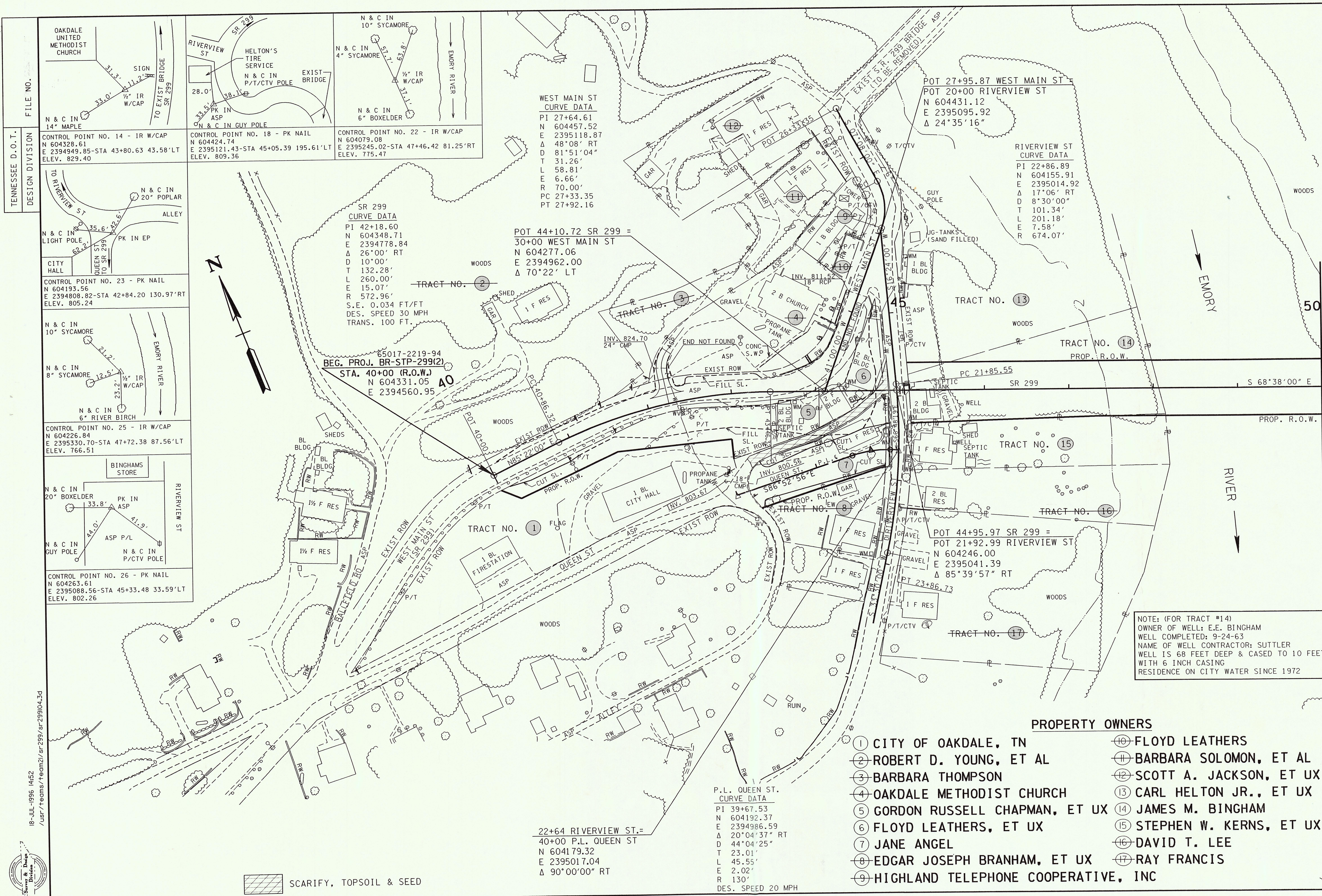
STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 BUREAU OF PLANNING & DEVELOPMENT

PROPERTY
 MAP

STA. 40+00 TO END
 SCALE: 1"=200'



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	4



18-JUL-1996 1452
/usr/teams/teom2/sr299/sr29904.3d

COORDINATE VALUES ARE NAD/83(1990)
AND ARE DATUM ADJUSTED BY THE
FACTOR 1.0001 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT

STA. 40+00 TO STA. 50+00

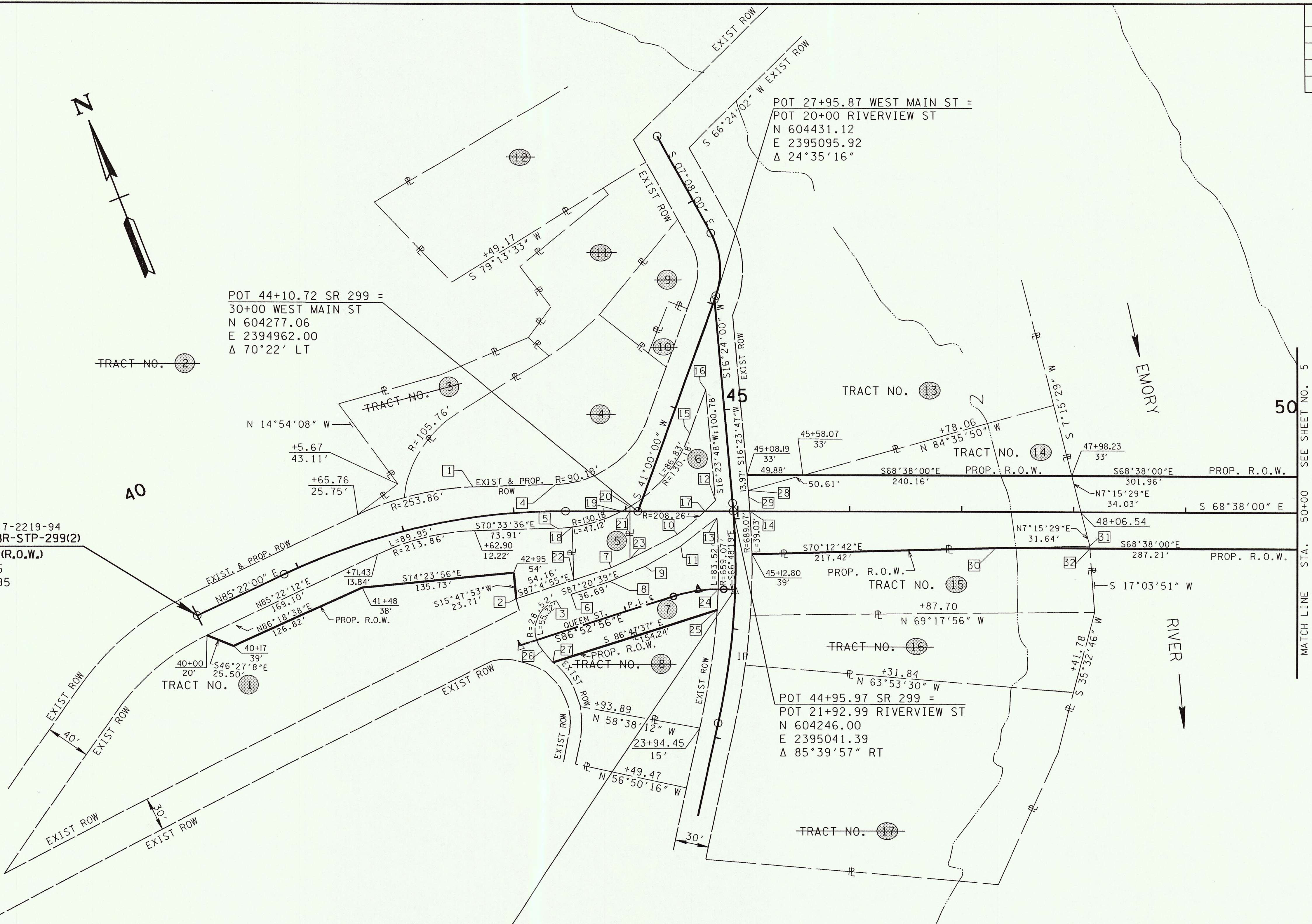
SCALE: 1"= 50'

R.O.W. / PROPERTY LINE DATA					
NO	STATION	OFFSET	NO	STATION	OFFSET
1	42+67.18	27.53' LT	17	44+70.74	CROSSES
2	42+95.21	77.71' RT	18	43+52.10	14.58' RT
3	43+36.81	81.38' RT	19	43+96.64	CROSSES
4	43+37.66	24.35' LT	20	44+03.82	4.20' LT
5	43+38.64	15.64' RT	21	44+03.82	CROSSES
6	43+52	75.48' RT	22	43+53.57	62.53' RT
7	43+86	63.72' RT	23	44+03.81	43.33' RT
8	43+86.67	51.47' RT	24	44+82.61	70.58' RT
9	44+17.52	50.01' RT	25	44+81.76	89.60' RT
10	44+47.69	20.06' RT	26	43+20.20	126.41' RT
11	44+49.05	31.84' RT	27	43+31.69	137.53' RT
12	44+80.08	10.04' LT	28	45+09.40	19.07' LT
13	44+81.38	6.12' RT	29	45+09.92	13.06' LT
14	45+11	CROSSES	30	47+30.14	33' RT
15	44+57.16	70.67' LT	31	48+14.24	30.69' RT
16	44+71.34	110.44' LT	32	48+14.41	33' RT

R.O.W. / PROPERTY LINE DATA			
NO. TO NO.	BEARING/RADIUS	DISTANCE	
5 TO 18	R=130.18'	13.29'	
18 TO 22	S 19°37'14" W	47.98'	
19 TO 20	R=130.18'	8.33'	
20 TO 21	S 21°23'15" W	4.20'	
21 TO 23	S 21°23'15" W	43.32'	
23 TO 7	R=894.74'	18.95'	
7 TO 22	S 87°04'51" E	34.93'	
15 TO 16	S 40°59'29" W	42.22'	
12 TO 17	R=208.26'	13.72'	
17 TO 10	R=208.26'	32.56'	
10 TO 23	R=894.74'	47.70'	
24 TO 25	R=659.07'	19.04'	
27 TO 26	S 19°11'23" E	14.21'	
8 TO 9	N 87°49'03" E	34.21'	
9 TO 11	N 81°25'21" E	36.39'	
11 TO 13	N 72°51'55" E	41.31'	
30 TO 31	S 70°12'41" E	84.13'	
31 TO 32	S 17°03'51" W	2.32'	
32 TO 30	S 68°38'00" E	84.27'	

65017-2219-94
BEC. PROJ. BR-STP-299(2)
STA. 40+00 (R.O.W.)
N 604331.05
E 2394560.95

22+64 RIVERVIEW ST.=
40+00 P.L. QUEEN ST
N 604179.32
E 2395017.04
Δ 90°00'00" RT



- PROPERTY OWNERS
- | | |
|---------------------------------------|---------------------------|
| ① CITY OF OAKDALE, TN | ⑩ FLOYD LEATHERS |
| ② ROBERT D. YOUNG, ET AL | ⑪ BARBARA SOLOMON, ET AL |
| ③ BARBARA THOMPSON | ⑫ SCOTT A. JACKSON, ET UX |
| ④ OAKDALE METHODIST CHURCH | ⑬ CARL HELTON JR., ET UX |
| ⑤ GORDON RUSSELL CHAPMAN, ET UX | ⑭ JAMES M. BINGHAM |
| ⑥ FLOYD LEATHERS, ET UX | ⑮ STEPHEN W. KERNS, ET UX |
| ⑦ JANE ANGEL | ⑯ DAVID T. LEE |
| ⑧ EDGAR JOSEPH BRANHAM, ET UX | ⑰ RAY FRANCIS |
| ⑨ HIGHLAND TELEPHONE COOPERATIVE, INC | |

COORDINATE VALUES ARE NAD/83(1990)
AND ARE DATUM ADJUSTED BY THE
FACTOR 1.0001 & TIED TO THE TGRN.

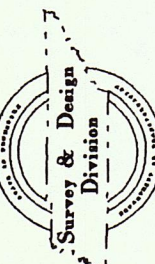
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PROPOSED ROW LAYOUT

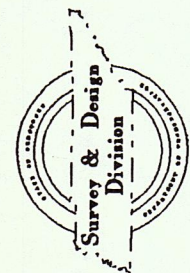
STA. 40+00 TO STA. 50+00

SCALE: 1"= 50'

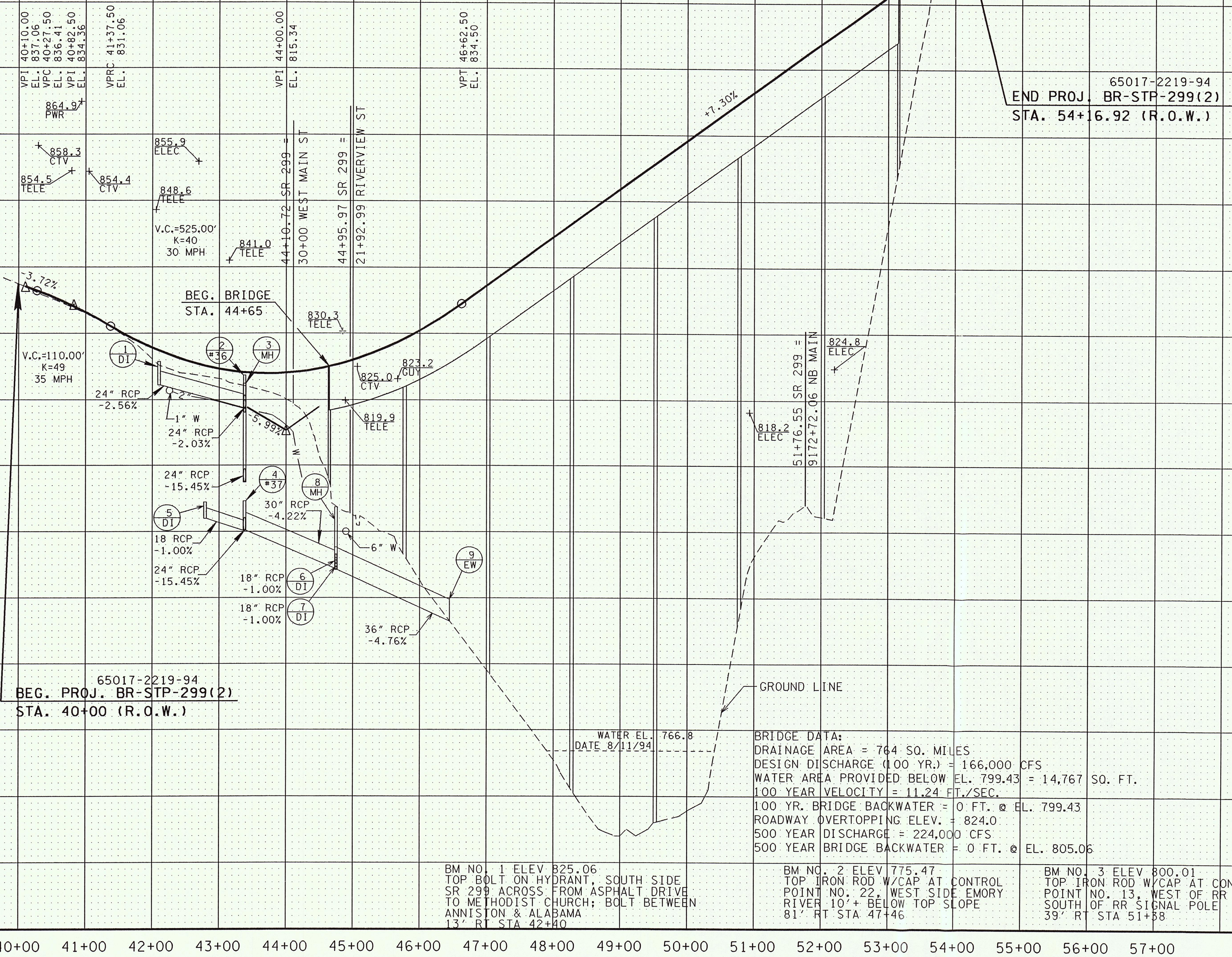
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	4A



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	4C



PROP. S.R. 299

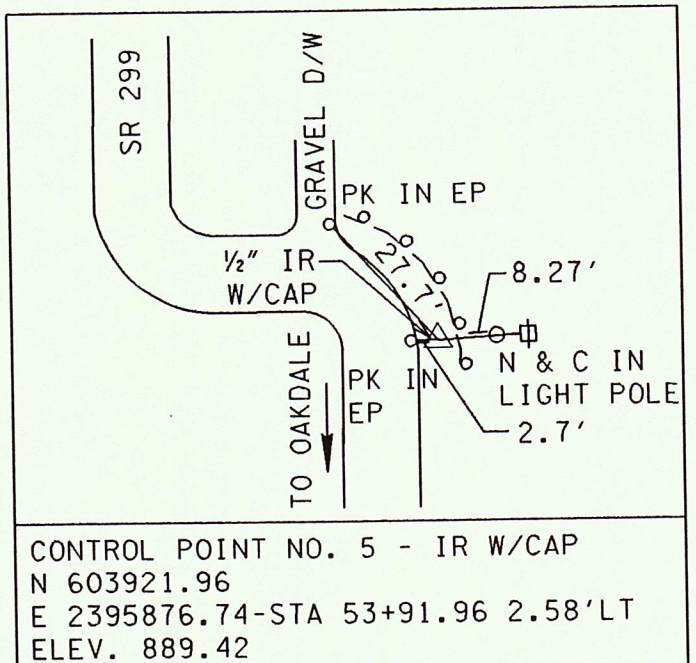
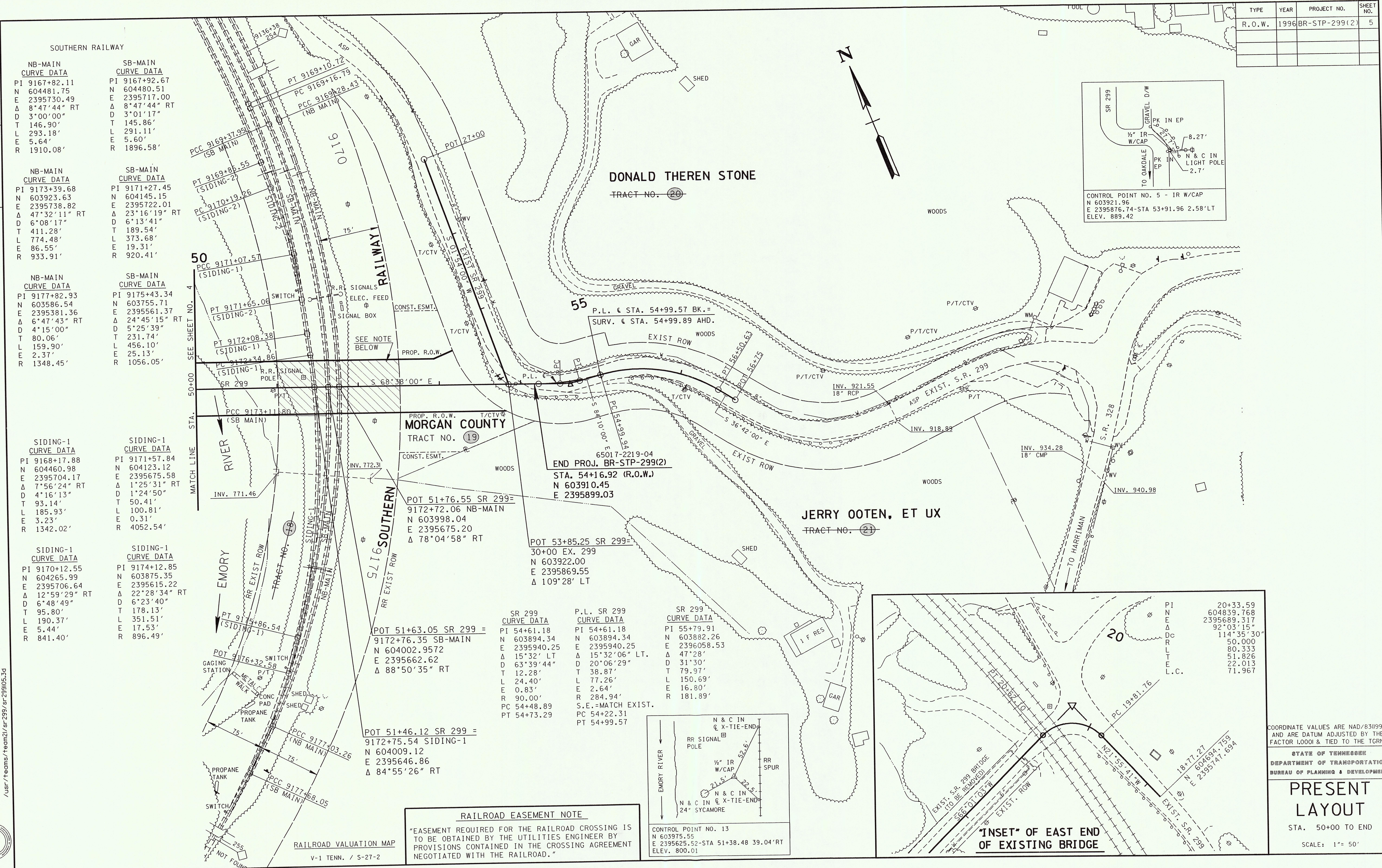


EXC. (UNCL.)	COMMON	601 C.Y.
15% SHRINKAGE	BORROW	2,185 C.Y.
EMB.		2,423 C.Y.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PROFILE
PROPOSED S.R. 299
STA. 40+00 TO END
SCALE: 1"=100' HORIZ.
1"=10' VERT.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	5



NB-MAIN CURVE DATA		SB-MAIN CURVE DATA	
PI 9167+82.11	N 604481.75	PI 9167+92.67	N 604480.51
E 2395730.49	Δ 8°47'44" RT	E 2395717.00	Δ 8°47'44" RT
D 3°00'00"	T 146.90'	D 3°01'17"	T 145.86'
L 293.18'	E 5.64'	L 291.11'	E 5.60'
R 1910.08'		R 1896.58'	

NB-MAIN CURVE DATA		SB-MAIN CURVE DATA	
PI 9173+39.68	N 603923.63	PI 9171+27.45	N 604145.15
E 2395738.82	Δ 47°32'11" RT	E 2395722.01	Δ 23°16'19" RT
D 6°08'17"	T 411.28'	D 6°13'41"	T 189.54'
L 774.48'	E 86.55'	L 373.68'	E 19.31'
R 933.91'		R 920.41'	

NB-MAIN CURVE DATA		SB-MAIN CURVE DATA	
PI 9177+82.93	N 603586.54	PI 9175+43.34	N 603755.71
E 2395381.36	Δ 6°47'43" RT	E 2395561.37	Δ 24°45'15" RT
D 4°15'00"	T 80.06'	D 5°25'39"	T 231.74'
L 159.90'	E 2.37'	L 456.10'	E 25.13'
R 1348.45'		R 1056.05'	

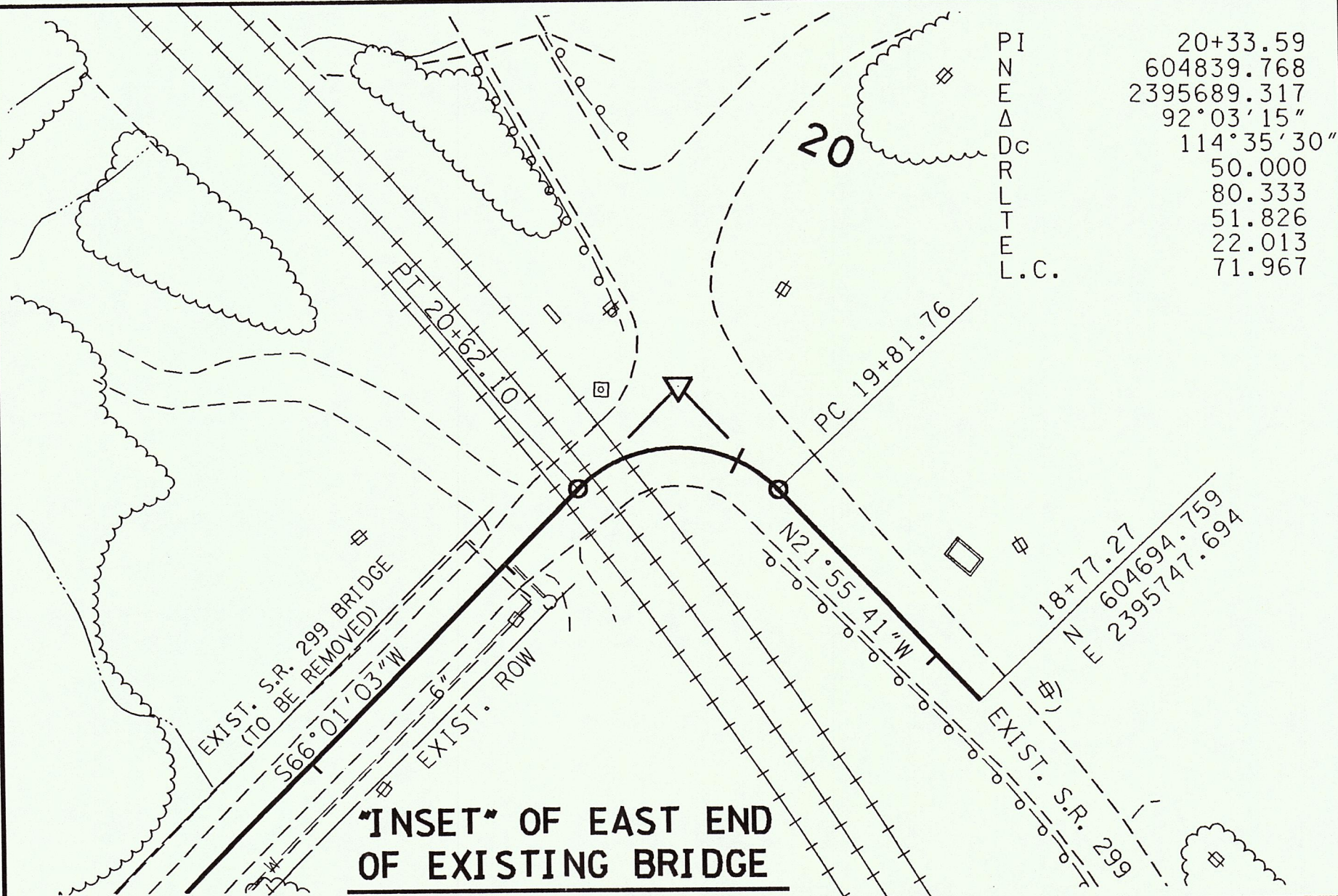
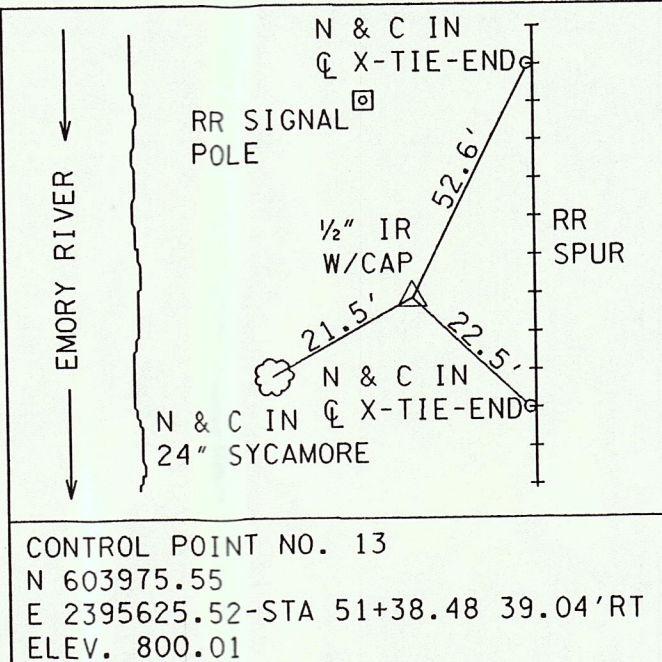
SIDING-1 CURVE DATA		SIDING-1 CURVE DATA	
PI 9168+17.88	N 604460.98	PI 9171+57.84	N 604123.12
E 2395704.17	Δ 7°56'24" RT	E 2395675.58	Δ 1°25'31" RT
D 4°16'13"	T 93.14'	D 1°24'50"	T 50.41'
L 185.93'	E 3.23'	L 100.81'	E 0.31'
R 1342.02'		R 4052.54'	

SIDING-1 CURVE DATA		SIDING-1 CURVE DATA	
PI 9170+12.55	N 604265.99	PI 9174+12.85	N 603875.35
E 2395706.64	Δ 12°59'29" RT	E 2395615.22	Δ 22°28'34" RT
D 6°48'49"	T 95.80'	D 6°23'40"	T 178.13'
L 190.37'	E 5.44'	L 351.51'	E 17.53'
R 841.40'		R 896.49'	

SR 299 CURVE DATA		P.L. SR 299 CURVE DATA		SR 299 CURVE DATA	
PI 54+61.18	N 603894.34	PI 54+61.18	N 603894.34	PI 55+79.91	N 603882.26
E 2395940.25	Δ 15°32' LT	E 2395940.25	Δ 15°32'06" LT.	E 2396058.53	Δ 47°28'
D 63°39'44"	T 12.28'	D 20°06'29"	T 38.87'	D 31°30'	T 79.97'
L 24.40'	E 0.83'	L 77.26'	E 2.64'	L 150.69'	E 16.80'
R 90.00'	PC 54+48.89	R 284.94'	PC 54+22.31	R 181.89'	
PT 54+73.29		S.E.=MATCH EXIST.			

POT 51+63.05 SR 299 =	9172+76.35 SB-MAIN
N 604002.9572	E 2395662.62
Δ 88°50'35" RT	
POT 51+46.12 SR 299 =	9172+75.54 SIDING-1
N 604009.12	E 2395646.86
Δ 84°55'26" RT	

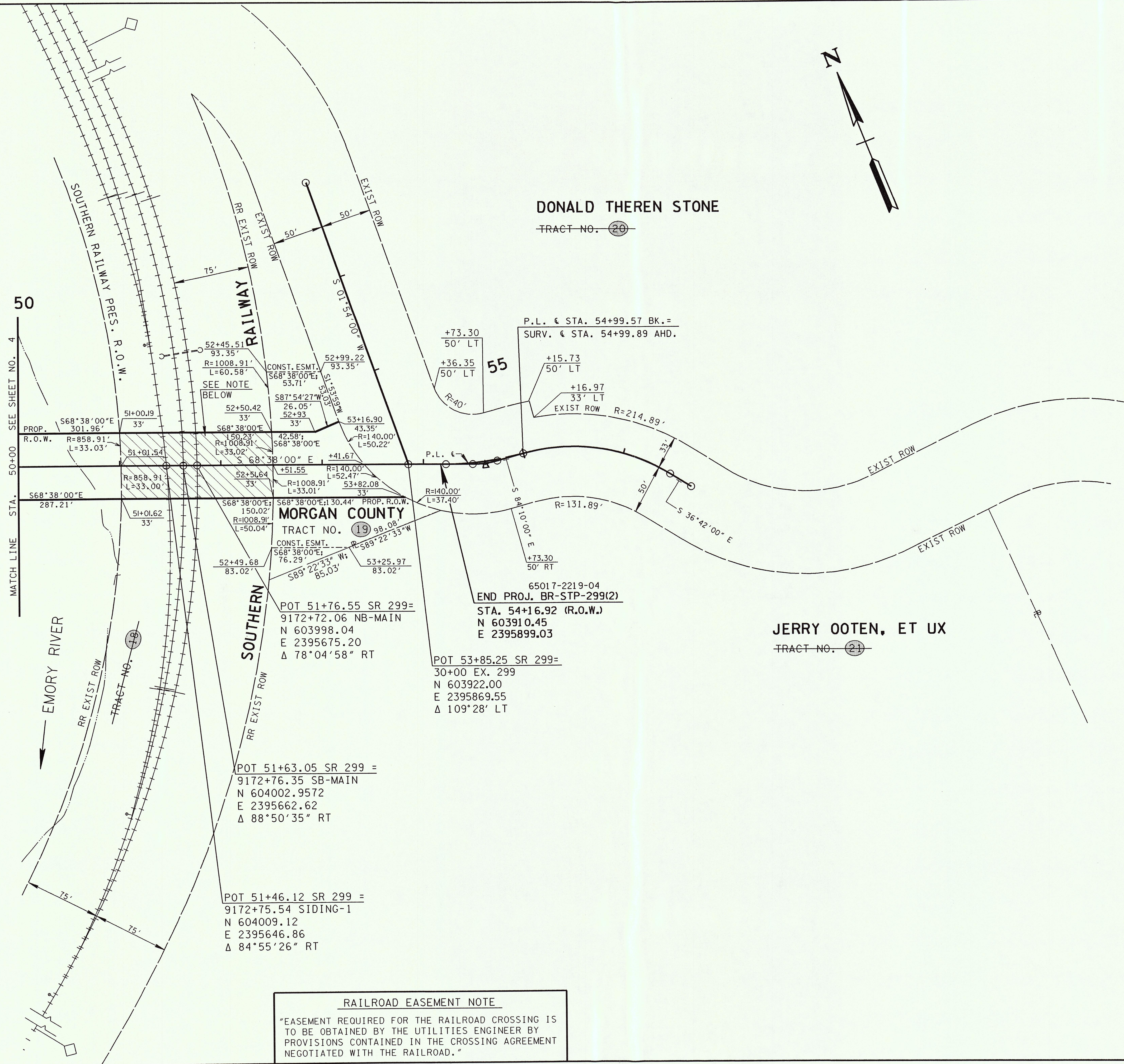
RAILROAD EASEMENT NOTE
"EASEMENT REQUIRED FOR THE RAILROAD CROSSING IS TO BE OBTAINED BY THE UTILITIES ENGINEER BY PROVISIONS CONTAINED IN THE CROSSING AGREEMENT NEGOTIATED WITH THE RAILROAD."



COORDINATE VALUES ARE NAD(83)0990 AND ARE DATUM ADJUSTED BY THE FACTOR 1.0001 & TIED TO THE TGRN.
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

PRESENT LAYOUT
STA. 50+00 TO END
SCALE: 1"= 50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	5A



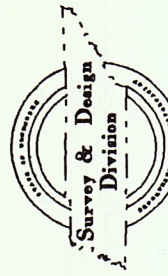
COORDINATE VALUES ARE NAD/83(1990)
AND ARE DATUM ADJUSTED BY THE
FACTOR 1.0001 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

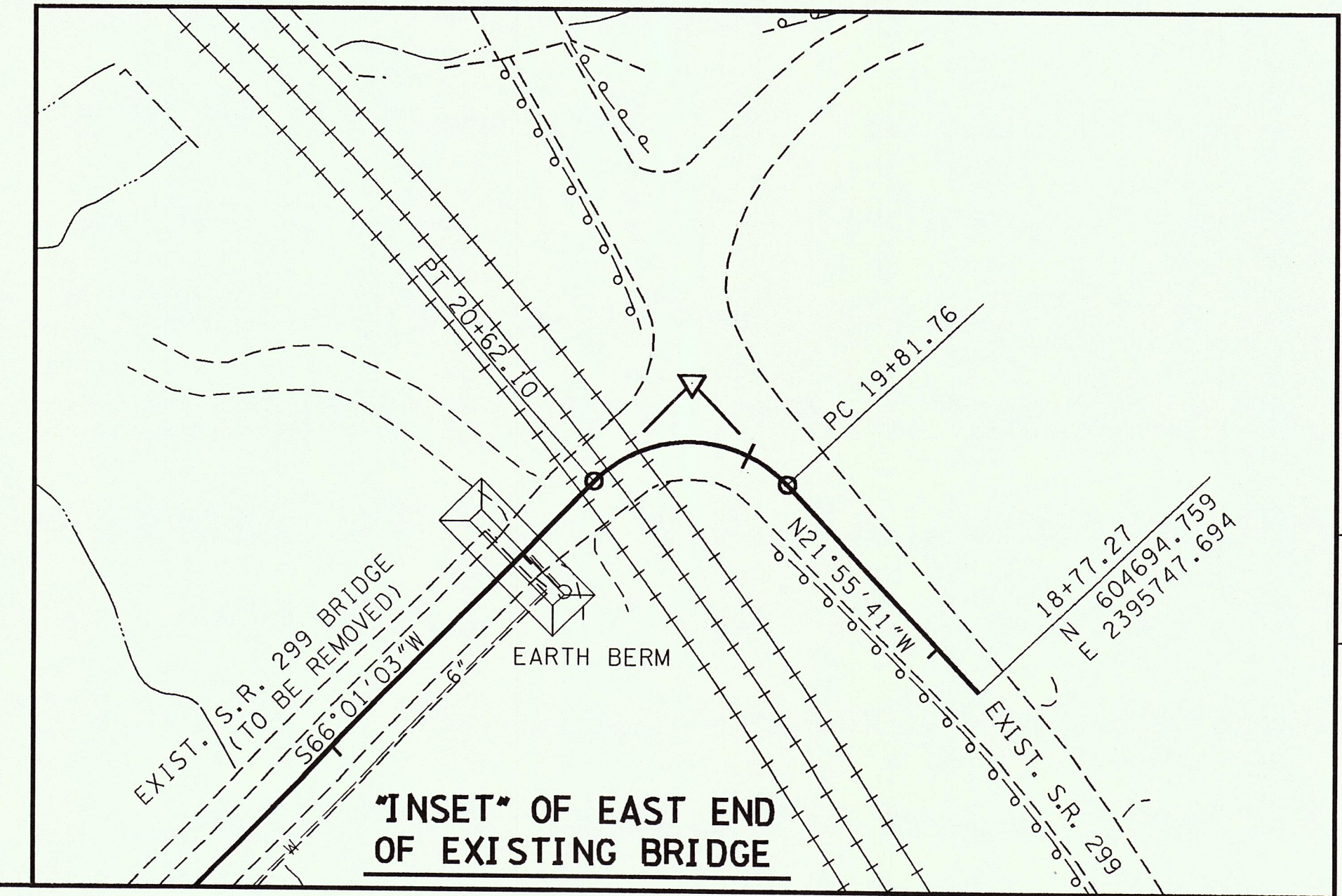
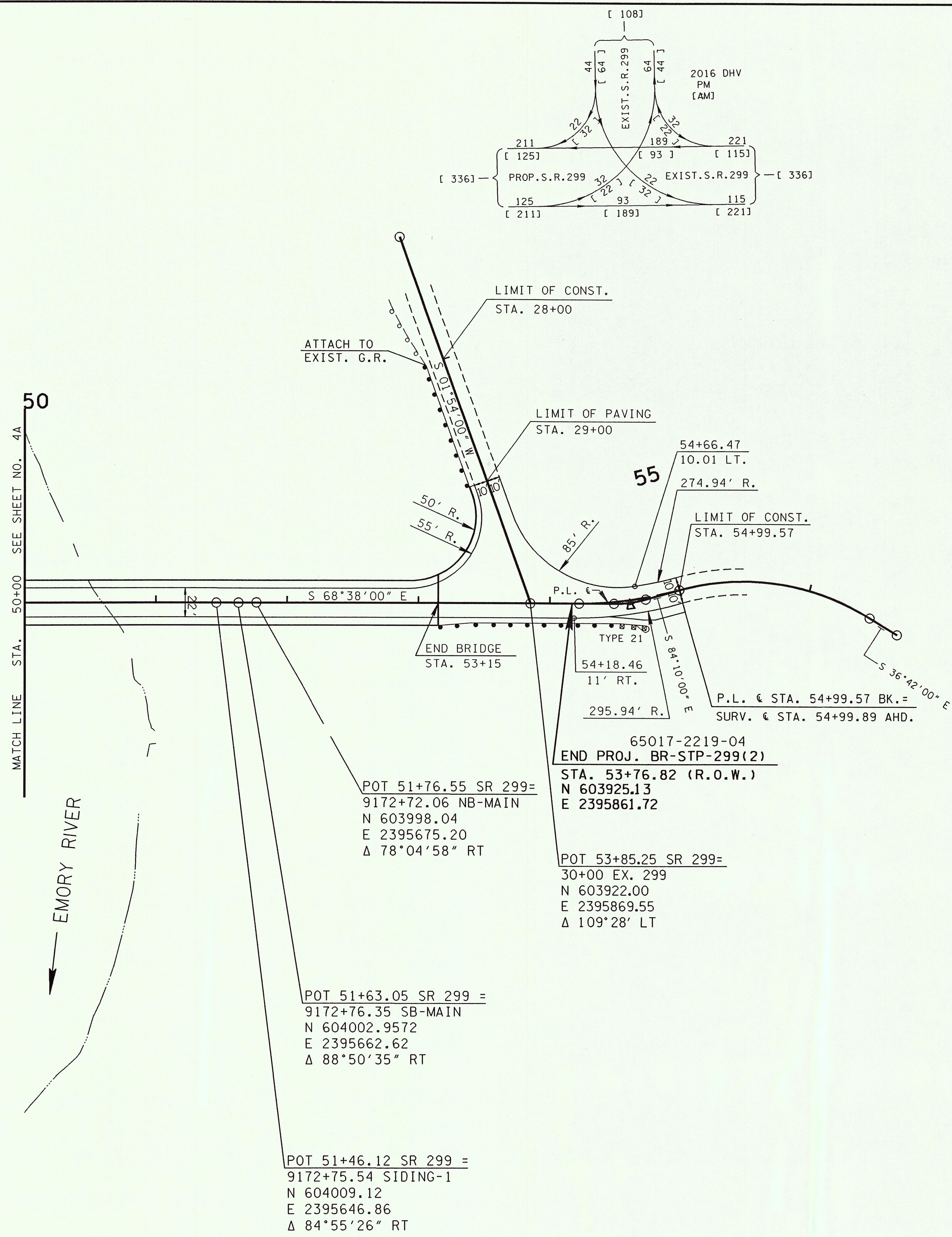
**PROPOSED ROW
LAYOUT**

STA. 50+00 TO END

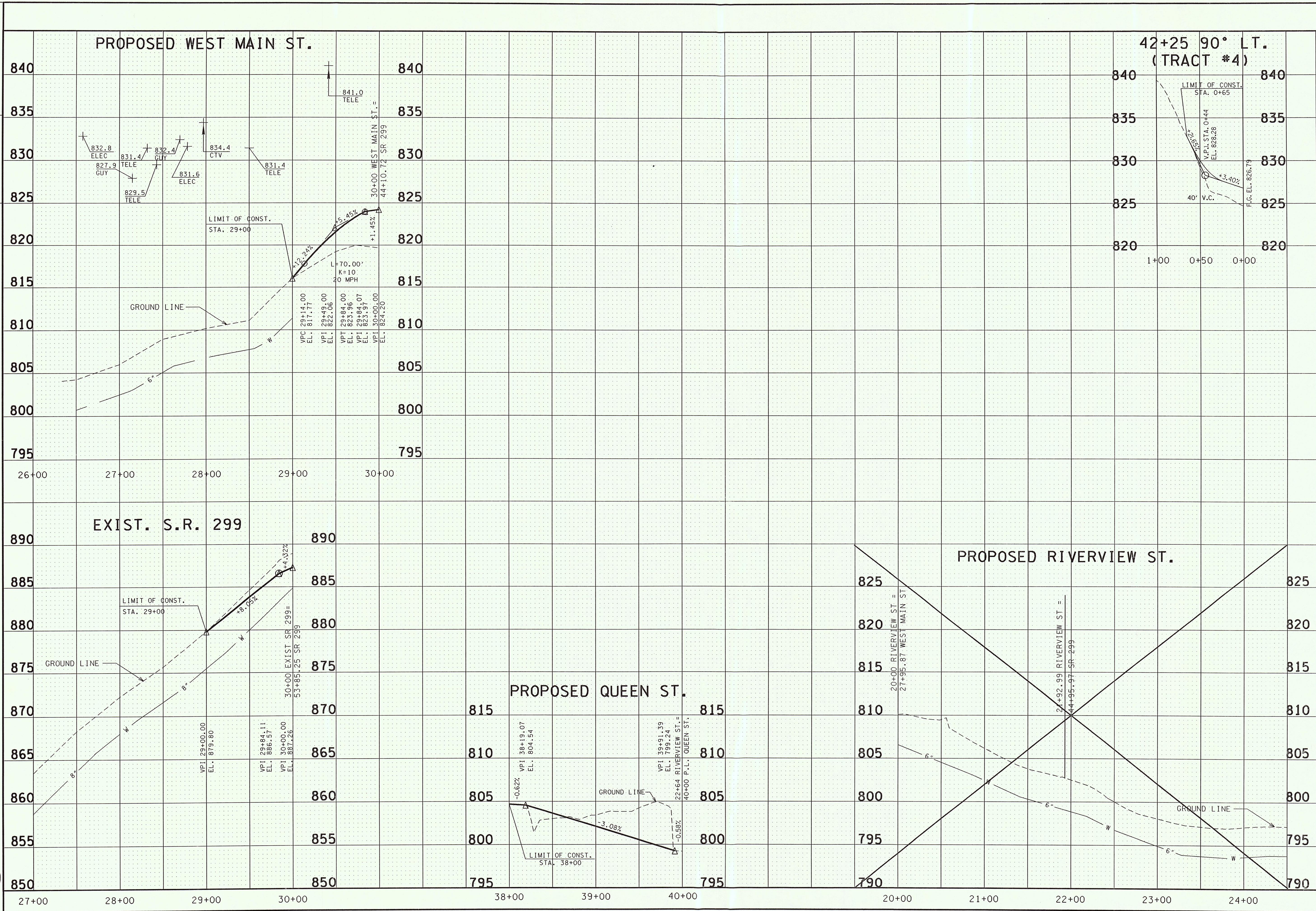
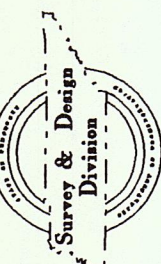
SCALE: 1"= 50'



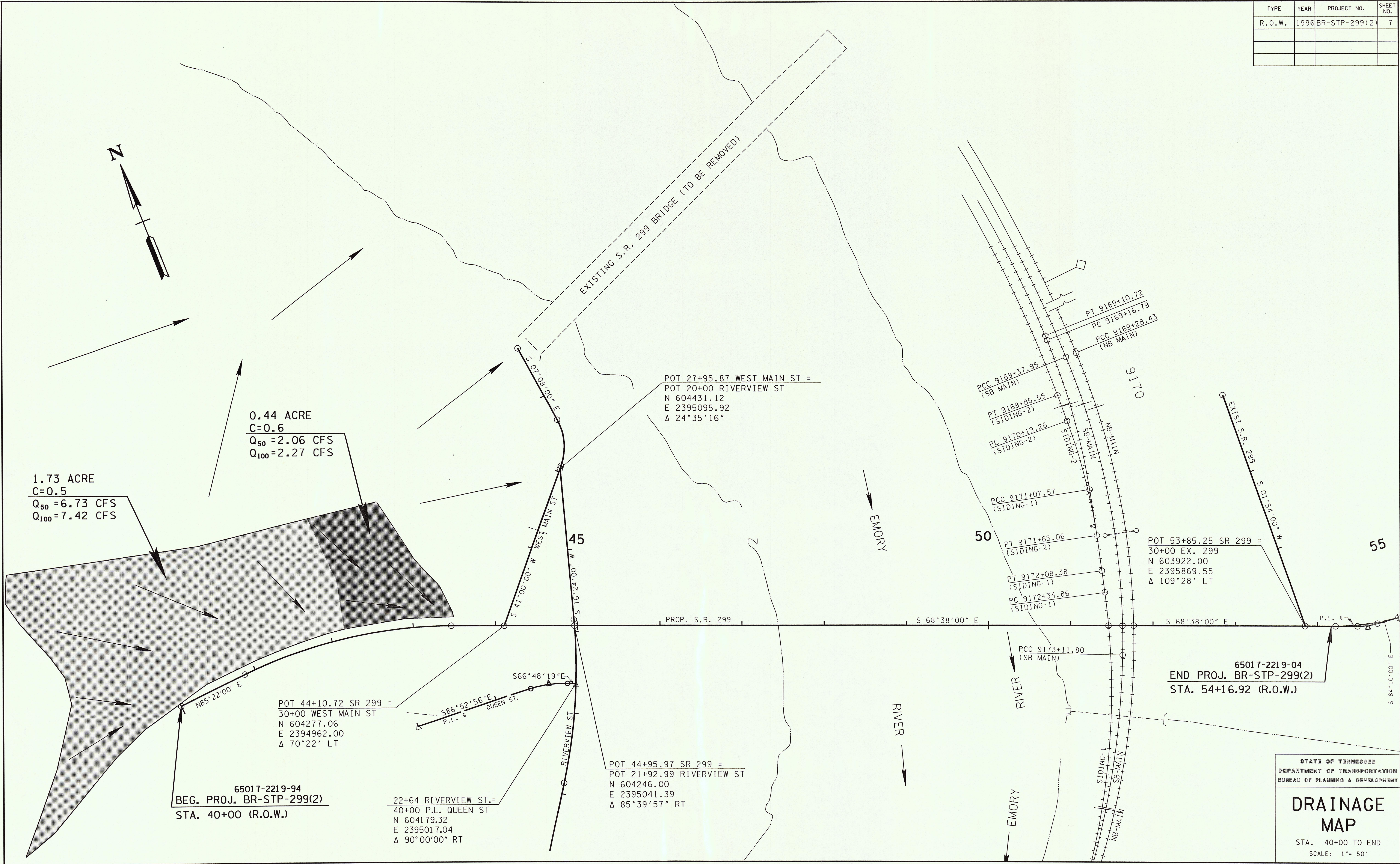
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	5B



TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	6

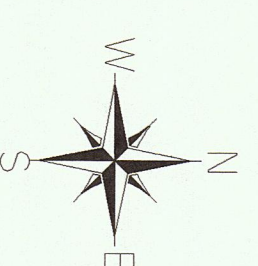


TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	1996	BR-STP-299(2)	7



WOLFE BRANCH UTILITY DISTRICT
MORGAN COUNTY, TENNESSEE

SCALE: 1" = 1000'



--- R.O.W.

EASEMENT

