



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT HOPKINS COUNTY

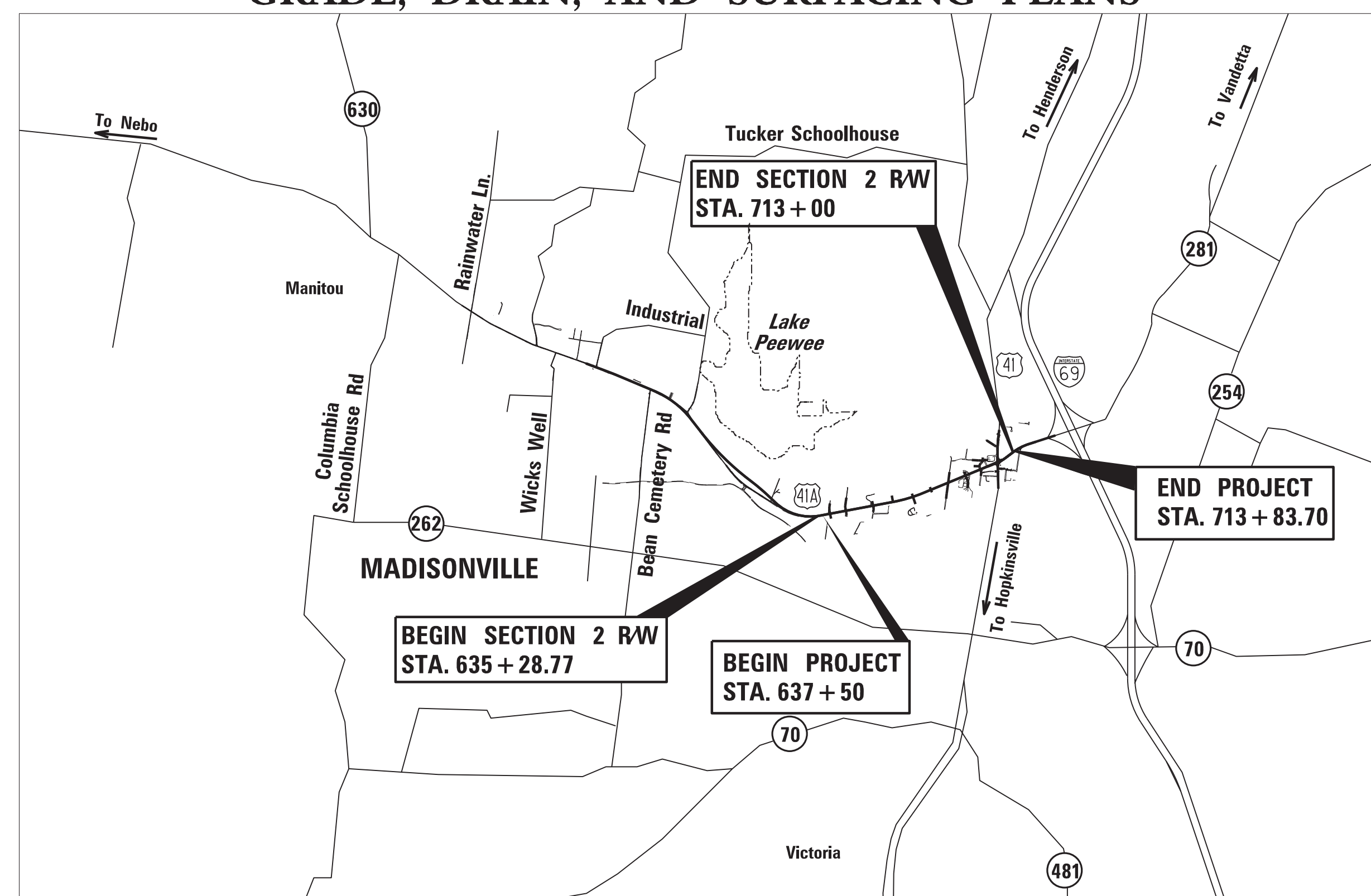
U.S. 41A - SECTION 2
FD04 SPP 054 041A 000-002
GRADE, DRAIN, AND SURFACING PLANS

SHEET NO.	DESCRIPTION
RI	LAYOUT SHEET
R2-R2u	TYPICAL SECTIONS-SUMMARY OF QUANTITIES
R3-R57	PLAN AND PROFILE SHEETS
	UTILITY REFERENCE SHEETS
R58-R59	RIGHT OF WAY SUMMARY SHEETS
R60-R61	RIGHT OF WAY STRIP MAP SHEETS
R62-R71	DETAIL SHEETS
R72-R92	TRAFFIC CONTROL SHEETS
R93-RI00	EROSION CONTROL SHEETS
	MITIGATION PLAN SHEETS
RI01-RI06	COORDINATE CONTROL SHEETS
RI07-RI19	SOIL PROFILE SHEETS
RI20-RI54	PIPE DRAINAGE SHEETS
	STRUCTURE PLANS
T1-T17	TRAFFIC PLANS
U1-U90	UTILITY RELOCATION PLANS
XI-X189	CROSS SECTION SHEETS

SHEETS NOT INCLUDED IN TOTAL SHEETS
R2a-R2u, R3a, R5a, R5b, R7a, R9a, R11a, R13a, R15a, R17a, R19a, R21a, R23a, R25a, R27a, R29a, R31a, R33a, R35a, R37a, R39a, R41a, R43a, R45a, R47a, R49a, R51a, R53a, I36a

STANDARD DRAWINGS

NUMBER	
RDB-001-12	RDP-001-06
RDB-004-10	RDP-005-05
RDB-007-03	RDP-006-04
RDB-008-04	RDP-007-04
RDB-013-07	RDP-010-09
RDB-014-06	
RDB-015-04	RDX-005-03
RDB-016-03	RDX-060-04
RDB-017-03	RDX-160-06
RDB-018-04	RDX-210-03
RDB-019-04	RDX-220-02
RDB-020-05	RDX-225-01
RDB-030-04	RDX-230-01
RDB-031-04	
RDB-032-04	RFW-001-06
RDB-033-03	RFW-005-08
RDB-034-04	
RDB-035-04	RGX-001-06
RDB-105-06	RGX-002-09
RDB-106-05	RGX-005-06
RDB-270-09	RGX-010-04
RDB-271-05	RGX-030-07
RDB-272-07	RGX-040-03
RDB-273-06	
RDB-400-05	RPM-010-06
RDB-410-06	RPM-100-10
RDB-420-05	RPM-120-07
	RPM-150-08
RDD-001-06	RPM-170-09
	RPX-010-05
RDI-020-09	RPX-015-04
RDI-021-01	RPX-020-06
RDI-025-05	
RDI-026-01	TPM-100-03
RDI-200-05	TPM-120-03
	TPM-145-03
RDM-001-07	TTC-100-04
RDM-005-06	TTC-135-02
RDM-010-06	TTS-105-02
RDM-011-05	TTS-115-02
RDM-012-03	
RDM-013-04	
RDM-055	
RDM-100-03	
RDM-105-03	



CONSTRUCTION SECTION 2

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

DESIGN CRITERIA

CLASS OF HIGHWAY	URBAN PRINCIPAL ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	45 MPH
REQUIRED NPSD	
REQUIRED PSD	
LEVEL OF SERVICE	
ADT PRESENT (2008)	14,000
ADT FUTURE (2032)	22,500
DHV	2250
D %	57%-73%
T %	12%

GEOGRAPHIC COORDINATES

LATITUDE 37° DEGREES 20' MINUTES 47" SECONDS NORTH
LONGITUDE 87° DEGREES 30' MINUTES 16" SECONDS WEST

DESIGNED

% RESTRICTED SD	
LEVEL OF SERVICE	
MAX. DISTANCE W/O PASSING	

LAYOUT MAP

U.S. 41A		U.S. 41					
LENGTH	<u>7,633.7</u> LIN. FT. <u>1.446</u> MILES	LENGTH	<u>1,774.8</u> LIN. FT. <u>0.336</u> MILES	LENGTH	_____ LIN. FT. _____ MILES	LENGTH	_____ LIN. FT. _____ MILES
ADDED	<input type="checkbox"/> FOR EQUALITIES _____ LIN. FT.	ADDED	<input type="checkbox"/> FOR EQUALITIES _____ LIN. FT.	ADDED	<input type="checkbox"/> FOR EQUALITIES _____ LIN. FT.	ADDED	<input type="checkbox"/> FOR EQUALITIES _____ LIN. FT.
DEDUCTED	<input type="checkbox"/> NOT INCLUDED _____ LIN. FT.	DEDUCTED	<input type="checkbox"/> NOT INCLUDED _____ LIN. FT.	DEDUCTED	<input type="checkbox"/> NOT INCLUDED _____ LIN. FT.	DEDUCTED	<input type="checkbox"/> NOT INCLUDED _____ LIN. FT.
RAILROAD CROSSINGS NO.	<u>0</u> LIN. FT.	RAILROAD CROSSINGS NO.	<u>0</u> LIN. FT.	RAILROAD CROSSINGS NO.	_____ LIN. FT.	RAILROAD CROSSINGS NO.	_____ LIN. FT.
BRIDGES	<u>0</u> LIN. FT.	BRIDGES	<u>0</u> LIN. FT.	BRIDGES	_____ LIN. FT.	BRIDGES	_____ LIN. FT.

**Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
HOPKINS
U.S. 41A - (DIXON RD.)**

ITEM NO. 2-137.20
PROJECT NUMBER: FD04 SPP 054 041A 000-002
LETTING DATE: 12/08/2017

RECOMMENDED BY: JOHN RUDD, P.E. DATE: 10/20/17
PROJECT MANAGER

PLAN APPROVED BY: [Signature] DATE: 11-17-17
STATE HIGHWAY ENGINEER

PLANS PREPARED AND SUBMITTED BY:

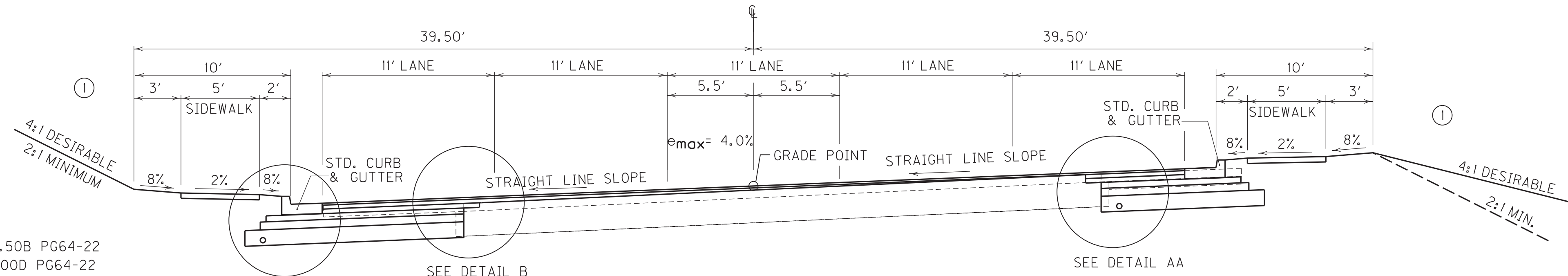
GRW
GRW Engineers, Inc.

Richard L. Guitt
REGISTERED PROFESSIONAL ENGINEER
8948

BY: [Signature]
DATE: 10/20/17

USER: rrobinson
 DATE PLOTTED: October 19, 2017
 E-SHEET NAME: R00100LS
 MicroStation v8.11.7.443
 FILE NAME: G:\PLOT\R00100LS.DGN

TYPICAL SECTION



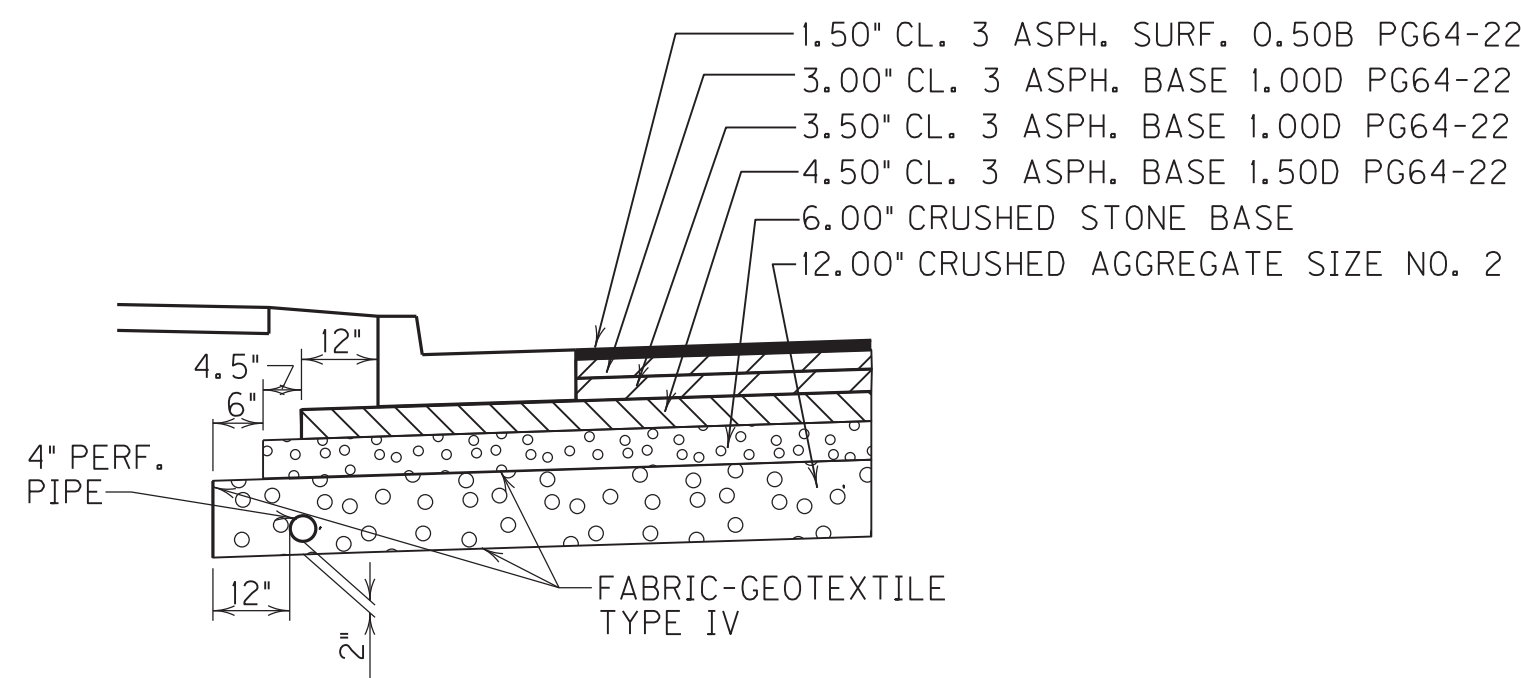
5 - LANE URBAN SUPERELEVATION CUT/FILL SECTION

U.S. 41A

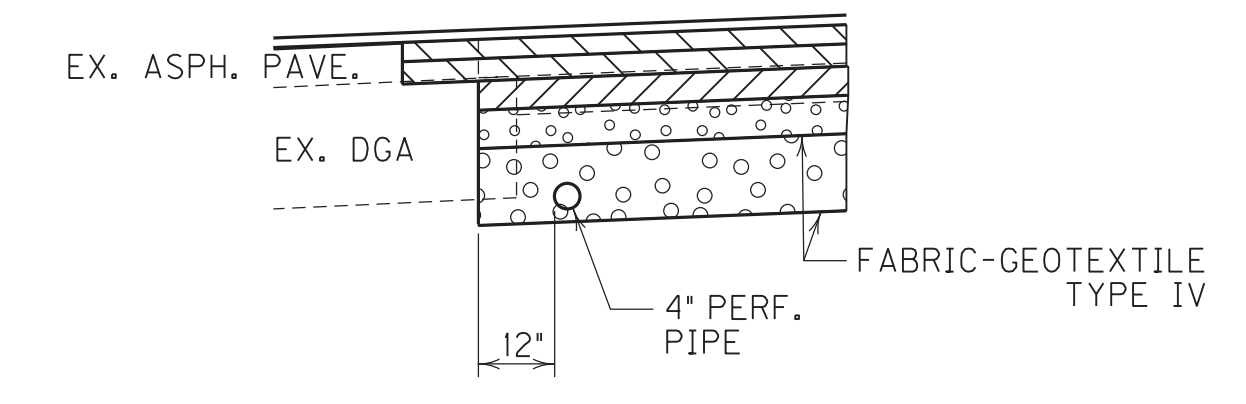
STA. 701+50.00 TO STA. 706+03.45 SEE ELEVATION DEVELOPMENT SHEETS.

KY 281

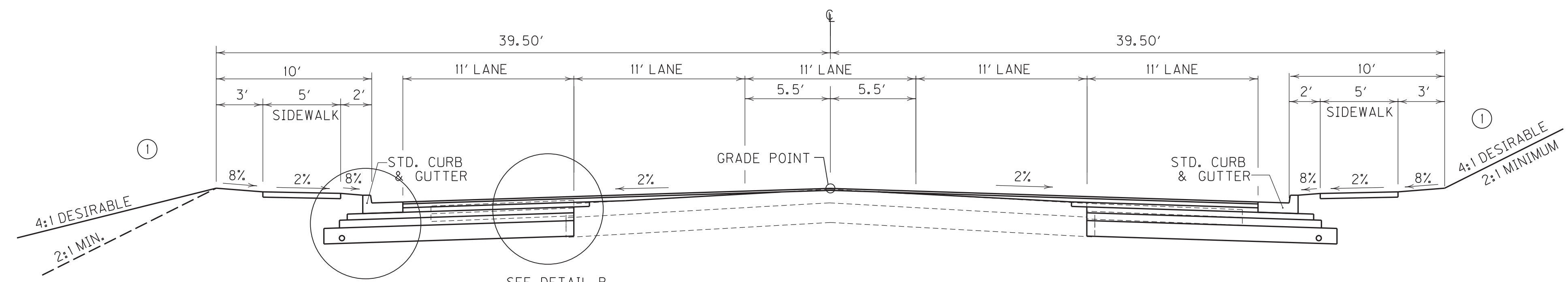
STA. 706+03.45 TO STA. 708+00 SEE ELEVATION DEVELOPMENT SHEETS.
STA. 710+56.45 TO STA. 713+83.70 SEE ELEVATION DEVELOPMENT SHEETS.



DETAIL A
N.T.S.



DETAIL AA
N.T.S.

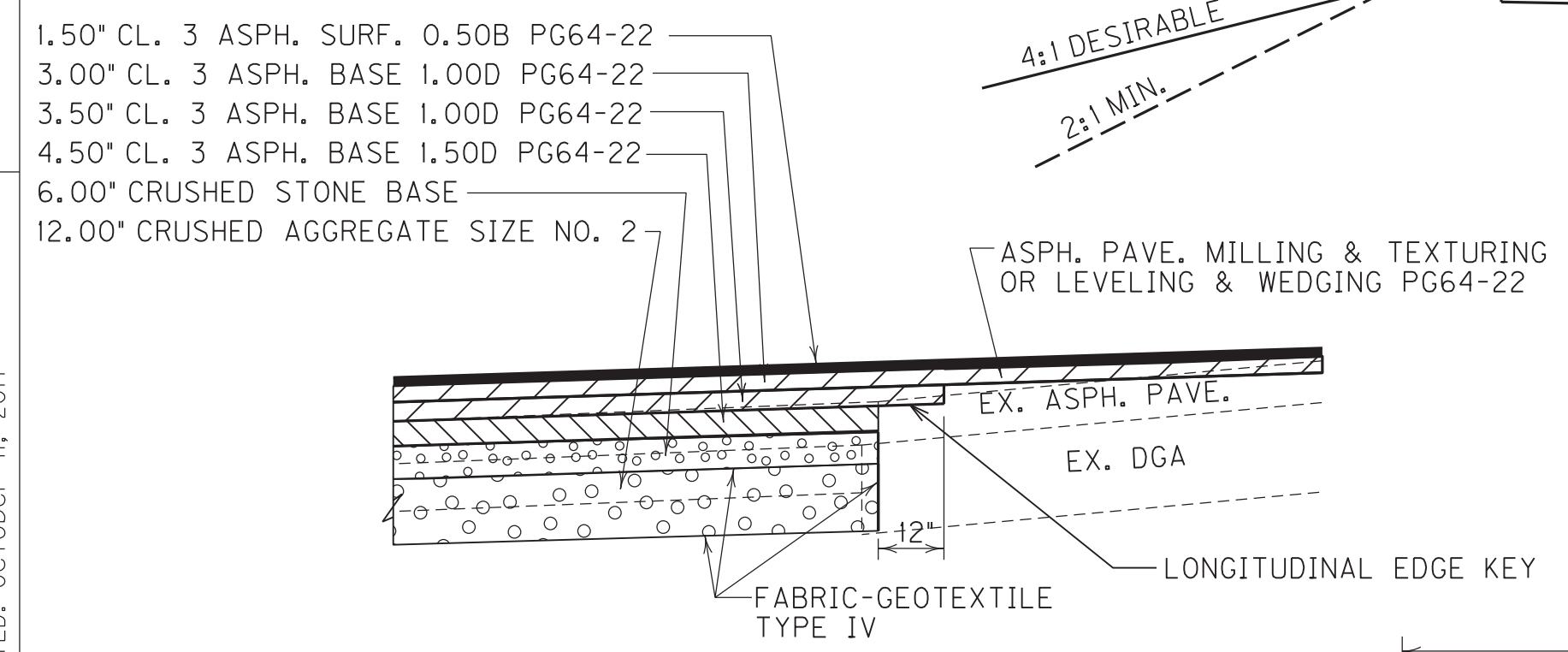


5 - LANE URBAN NORMAL CUT/FILL SECTION

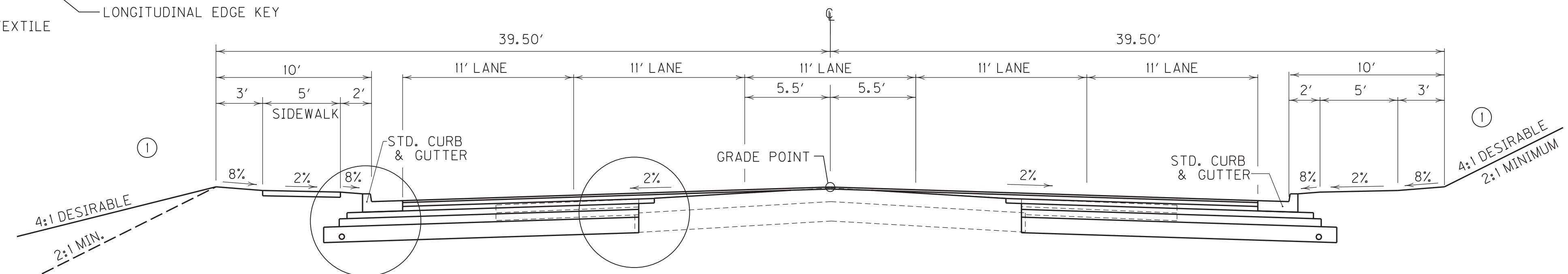
U.S. 41A

STA. 686+10.00 TO STA. 688+25.00 - SEE ELEVATION DEVELOPMENT SHEET

STA. 688+25 TO STA. STA. 701+50.00



DETAIL B
N.T.S.



5 - LANE URBAN NORMAL CUT/FILL SECTION

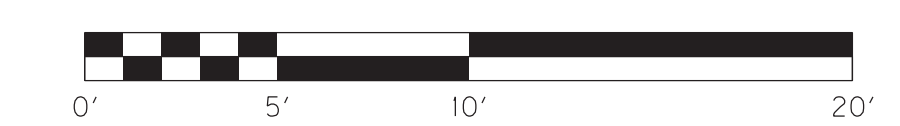
U.S. 41A

STA. 638+50.00 TO STA. 686+10.00

STA. 684+25.00 TO STA. 686+10.00 - SEE ELEVATION DEVELOPMENT SHEET

NOTES
① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.

PAVEMENT SCHEDULE	
ROADBED PREPARATION	
CRUSHED AGGREGATE SIZE NO. 2	12.00" DEPTH
BASE WIDENING	
CRUSHED STONE BASE	6.00" DEPTH
CL 3 ASPH. BASE 1.50D PG64-22	4.50" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.50" DEPTH
OVERLAY - OVERALL	
ASPH. PAVE. MILLING & TEXTURING	1.00" AVG. DEPTH
LEVELING & WEDGING PG64-22	1.00" AVG. DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.00" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50" DEPTH

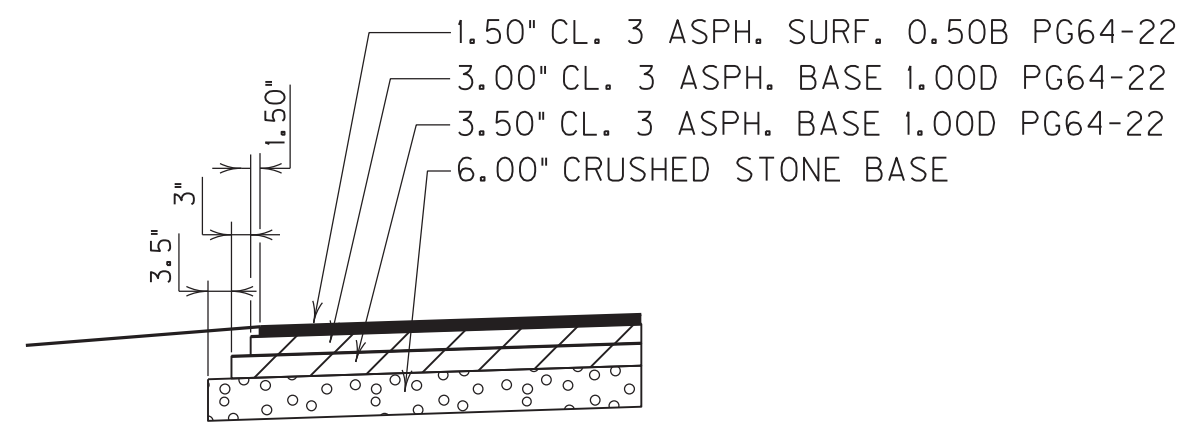


TYPICAL SECTIONS
U.S. 41A

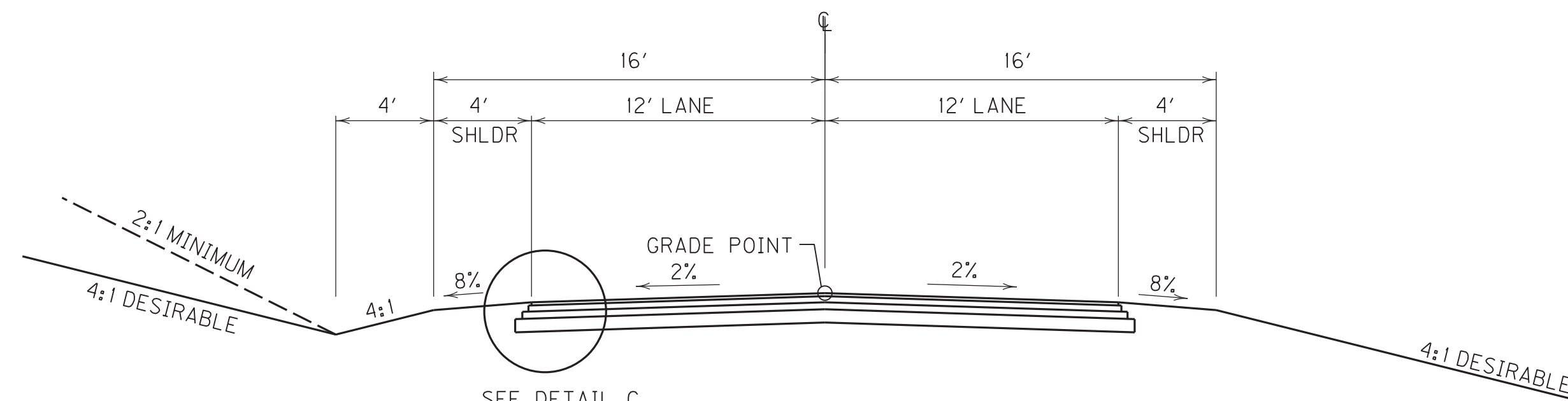
SCALE: 1"= 5'

FILE NAME: G:\PLOT\RO0200T5.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO0200T5
 MicroStation v8.11.7.443

TYPICAL SECTIONS

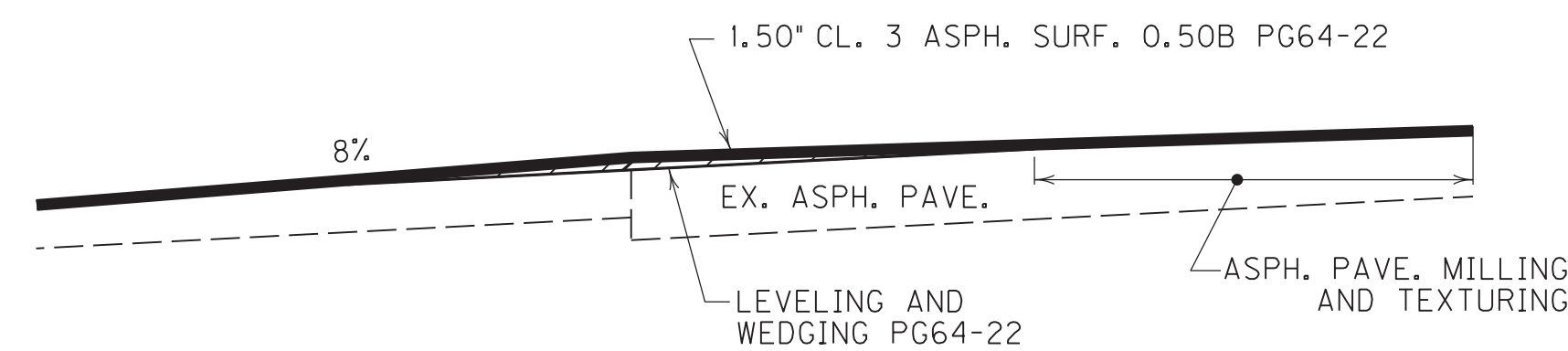


DETAIL C
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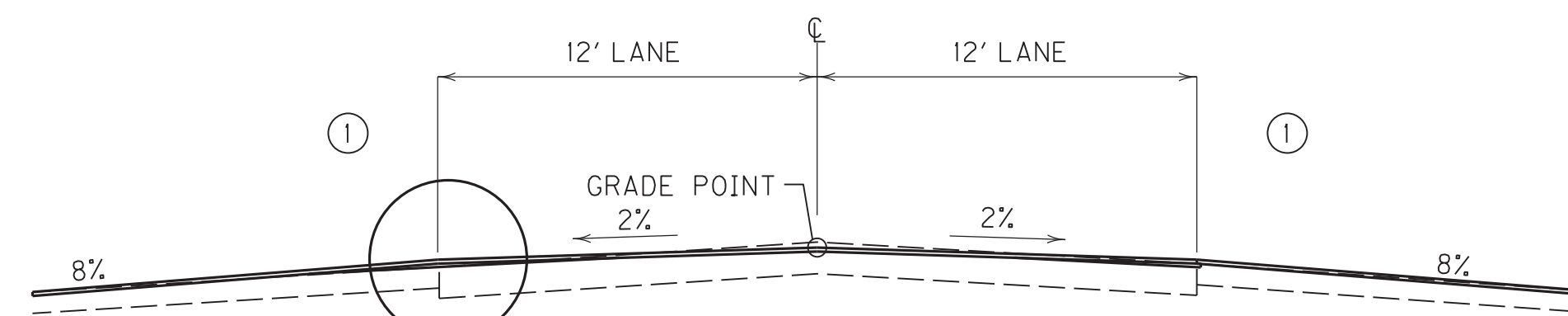


SEE DETAIL C
2 LANE - RURAL NORMAL CUT/FILL SECTION

DODSON LN.
APPR. STA. 693 + 09, RT.



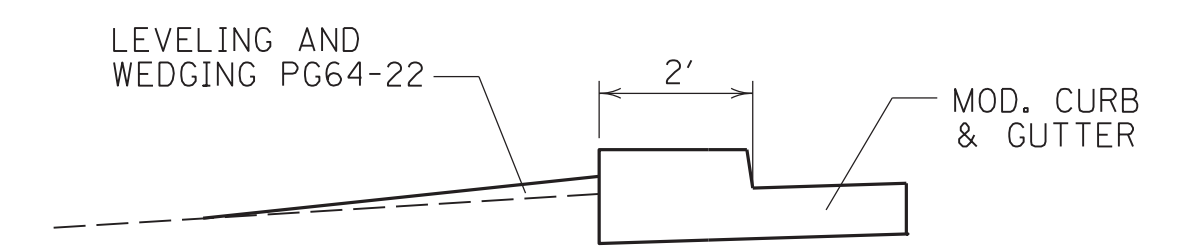
DETAIL D
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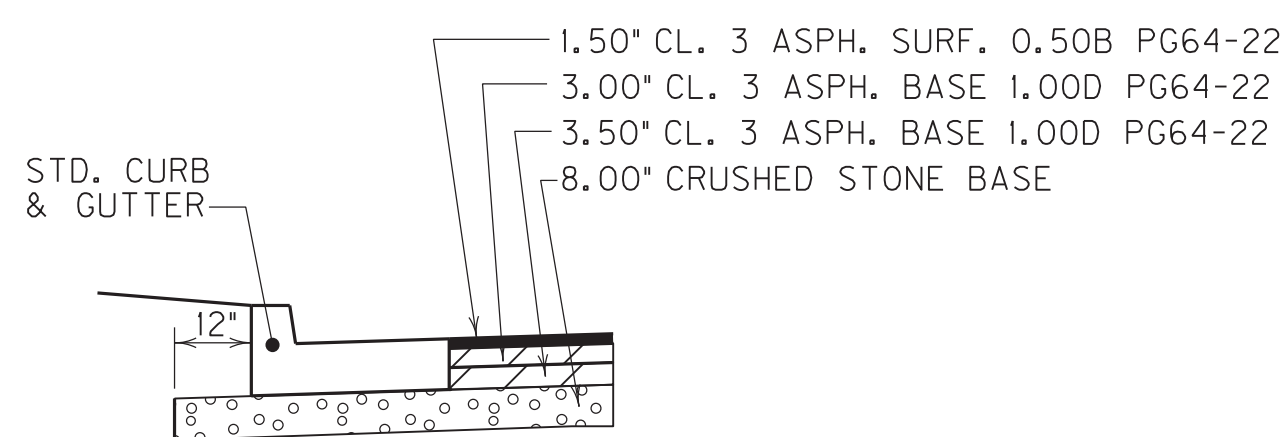
SEE DETAIL D OR H

2 LANE - RURAL NORMAL CUT/FILL SECTION

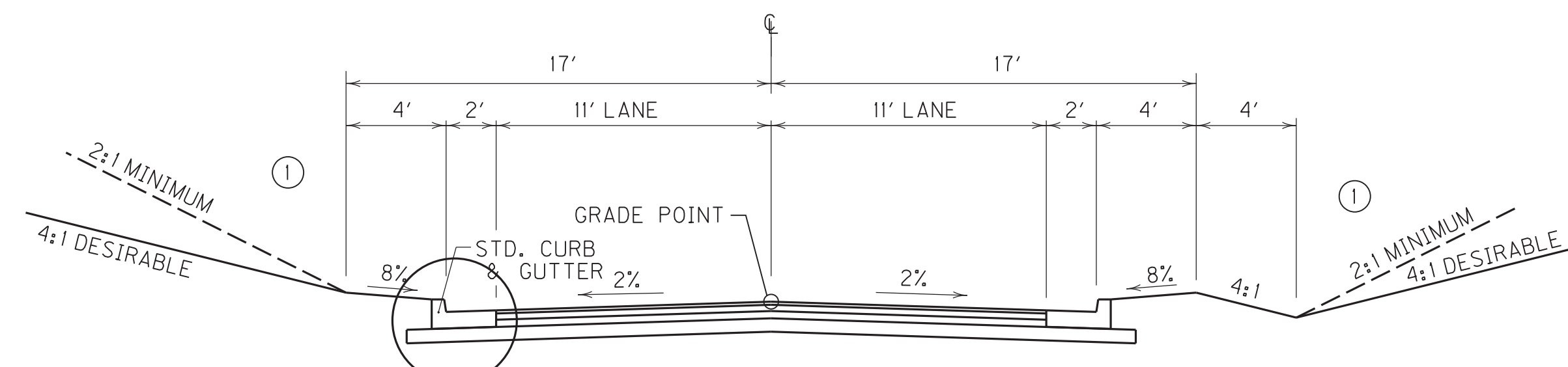
APPR. STA. 646 + 34, RT. SEE DETAIL D
BRIARWOOD DR. SEE DETAIL D & H



DETAIL H
N.T.S.



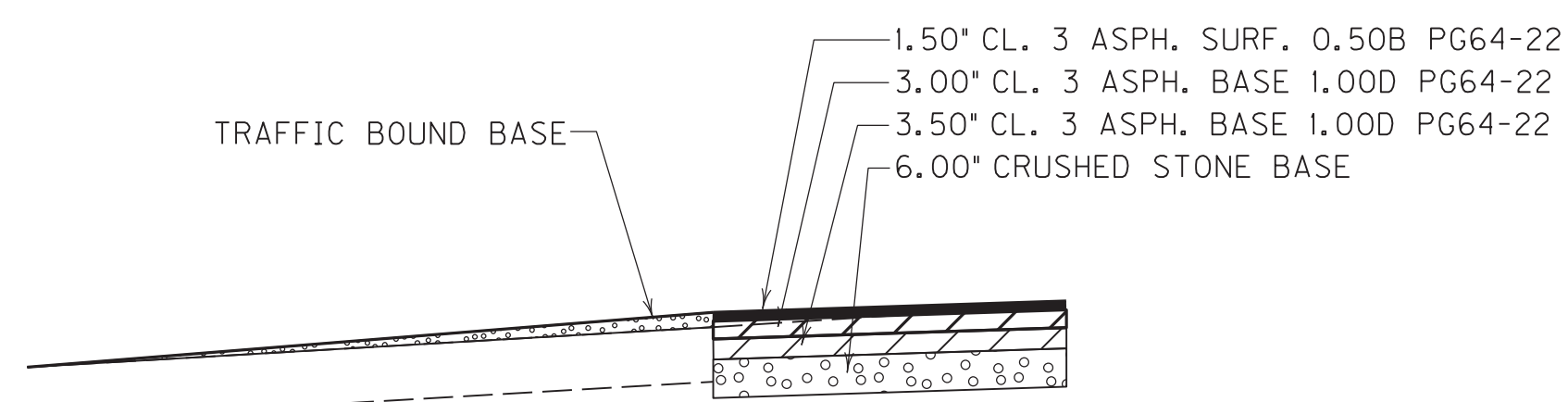
DETAIL E
N.T.S.



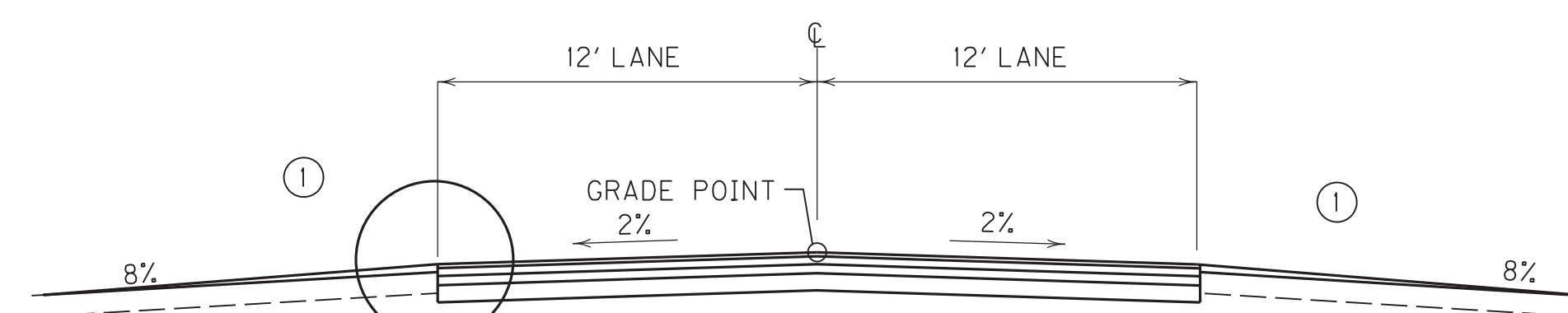
SEE DETAIL E

2 LANE - URBAN NORMAL CUT/FILL SECTION

APPR. STA. 640 + 34, LT.



DETAIL F
N.T.S.



SEE DETAIL F

2 LANE - RURAL NORMAL CUT/FILL SECTION

APPR. STA. 640 + 34, RT.

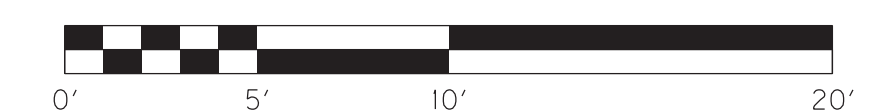
PAVEMENT SCHEDULE

DODSON LN. & APPR. STA. 693+09, RT.		
CRUSHED STONE BASE		6.00" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50'+3.00')		6.50" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH
APPR. STA. 646+34, RT. & BRIARWOOD DR.		
ASPH. PAVE. MILLING & TEXTURING		1.00" AVG. DEPTH
LEVELING & WEDGING PG64-22		1.00" AVG. DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH

APPR. STA. 640+34, LT.		
CRUSHED STONE BASE		8.00" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50'+3.00')		6.50" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH
APPR. STA. 640+34, RT.		
CRUSHED STONE BASE		6.00" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50'+3.00')		6.50" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH
TRAFFIC BOUND BASE		VAR. DEPTH

NOTES

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.



TYPICAL SECTIONS
APPROACH ROADS

SCALE: 1"= 5'

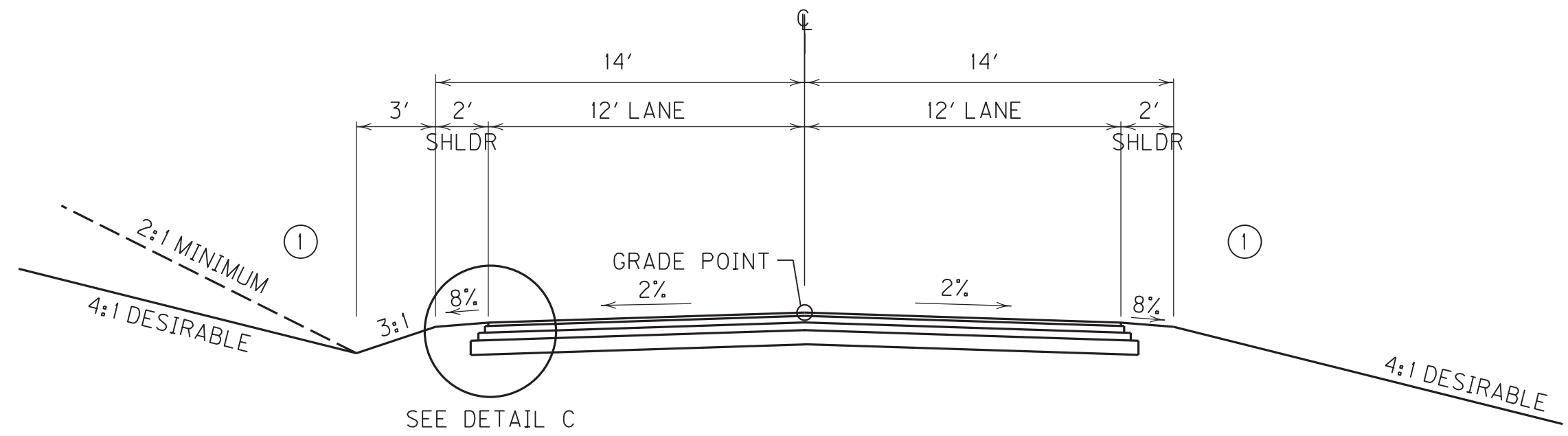
FILE NAME: C:\PLOT\ROO20ATS.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

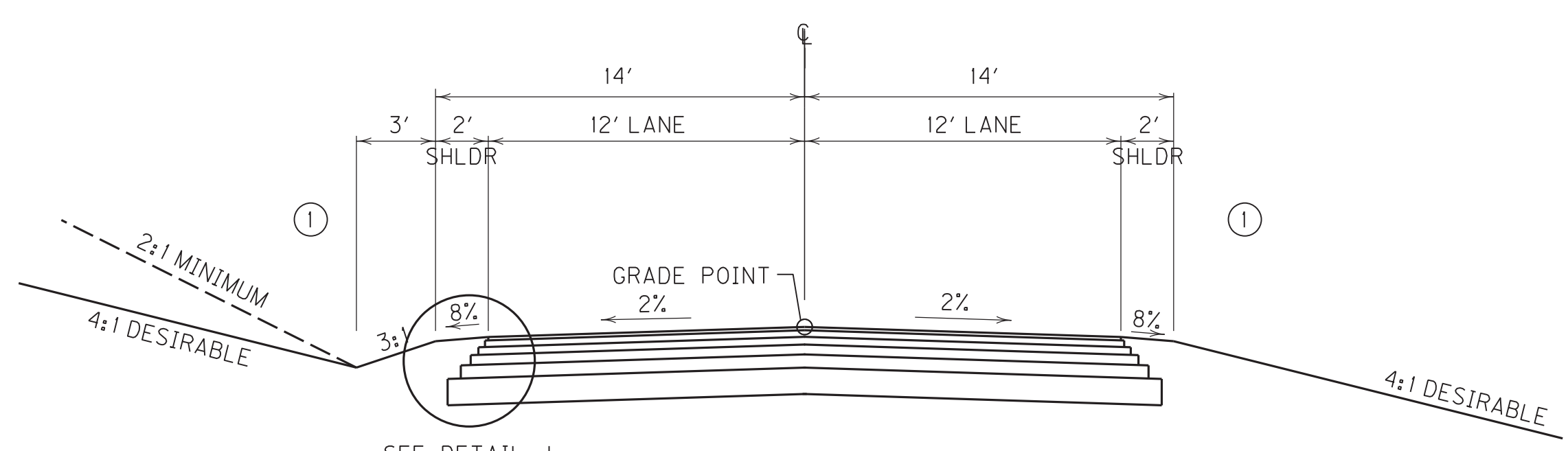
E-SHEET NAME: ROO20ATS

MicroStation v8.11.7.443

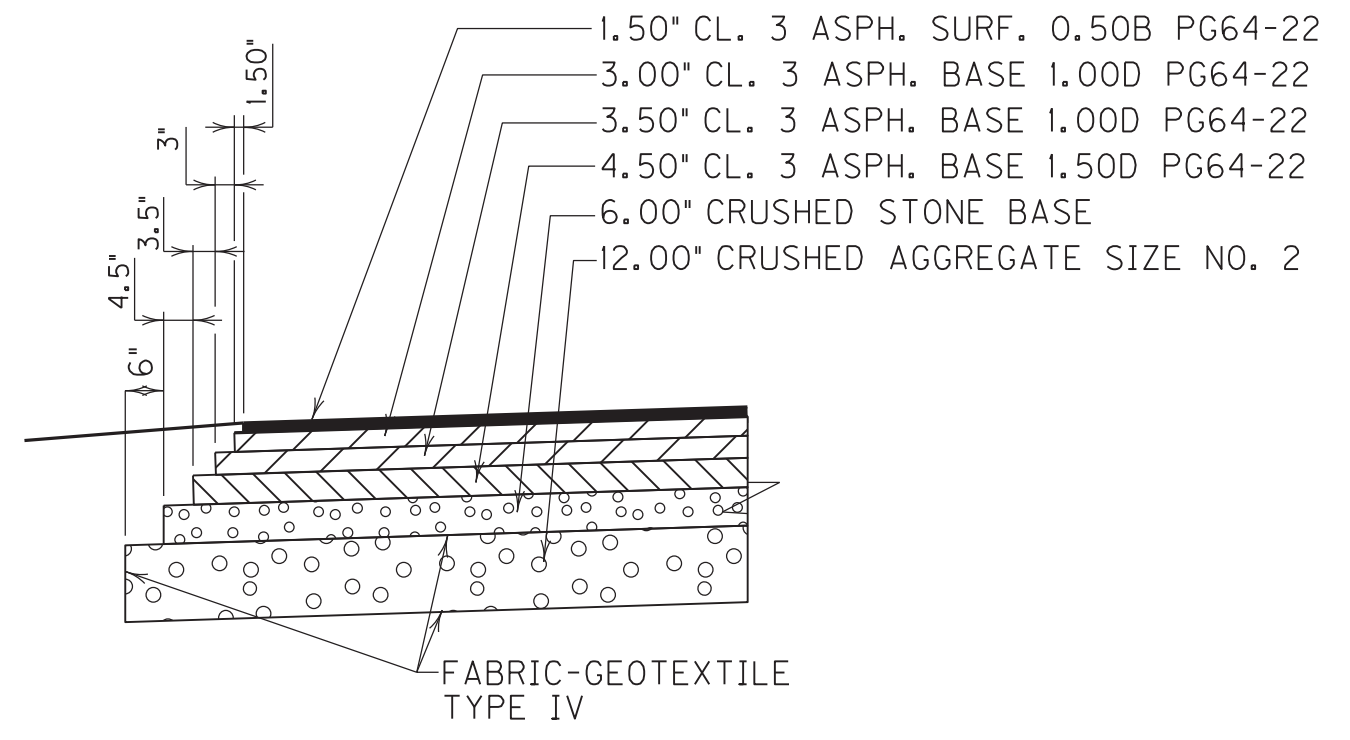
TYPICAL SECTIONS



2 LANE – RURAL NORMAL CUT/FILL SECTION
INDUSTRIAL CT.



2 LANE – RURAL NORMAL CUT/FILL SECTION
APPR. STA. 656 + 66, LT.
APPR. STA. 664 + 22, LT.
APPR. STA. 671 + 95, LT. & RT.
STA. 49 + 30.00 TO STA. 50 + 77.20



DETAIL J
N. T. S.

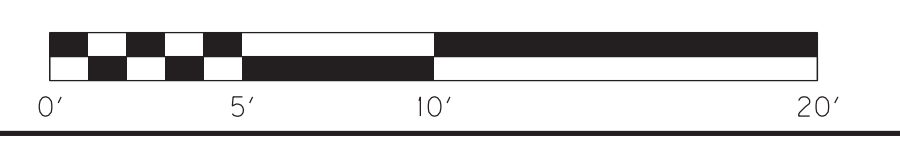
PAVEMENT SCHEDULE

INDUSTRIAL CT.		
CRUSHED STONE BASE		6.00" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50"+3.00")		6.50" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH

APPR. STA. 656+66, LT. & 664+22, LT. & 671+95, RT.		
CRUSHED AGGREGATE SIZE NO. 2		12.00" DEPTH
CRUSHED STONE BASE		6.00" DEPTH
CL 3 ASPH. BASE 1.50D PG64-22		4.50" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50"+3.00")		6.50" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22		1.50" DEPTH

NOTES

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.



TYPICAL SECTIONS
APPROACH ROADS

SCALE: 1"= 5'

FILE NAME: C:\PLOT\RO020BTS.DGN

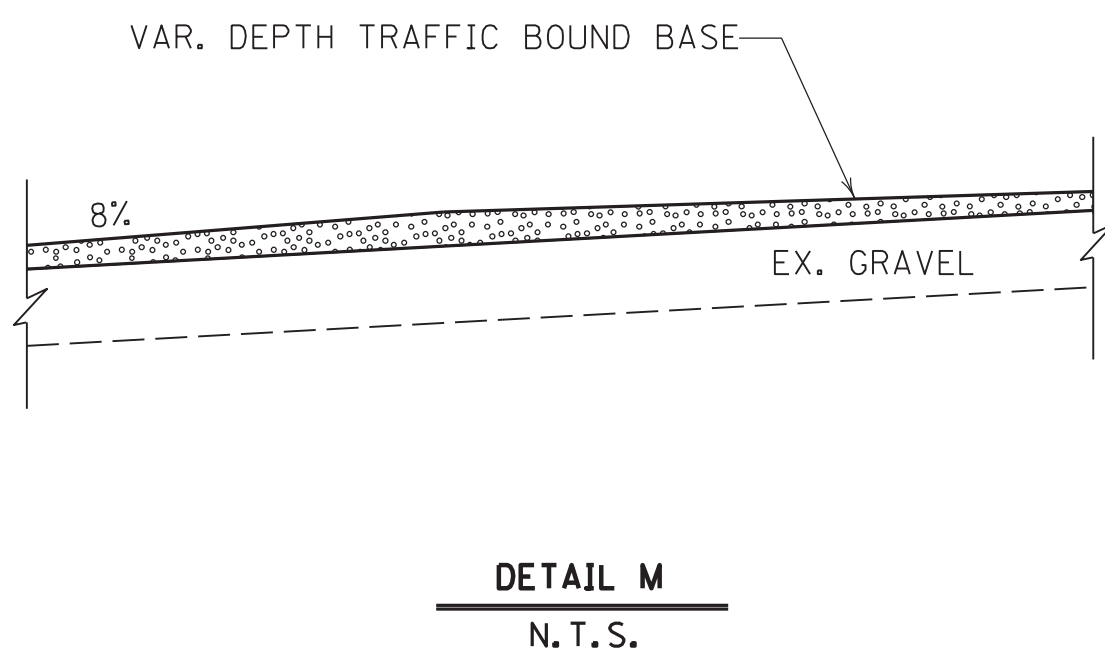
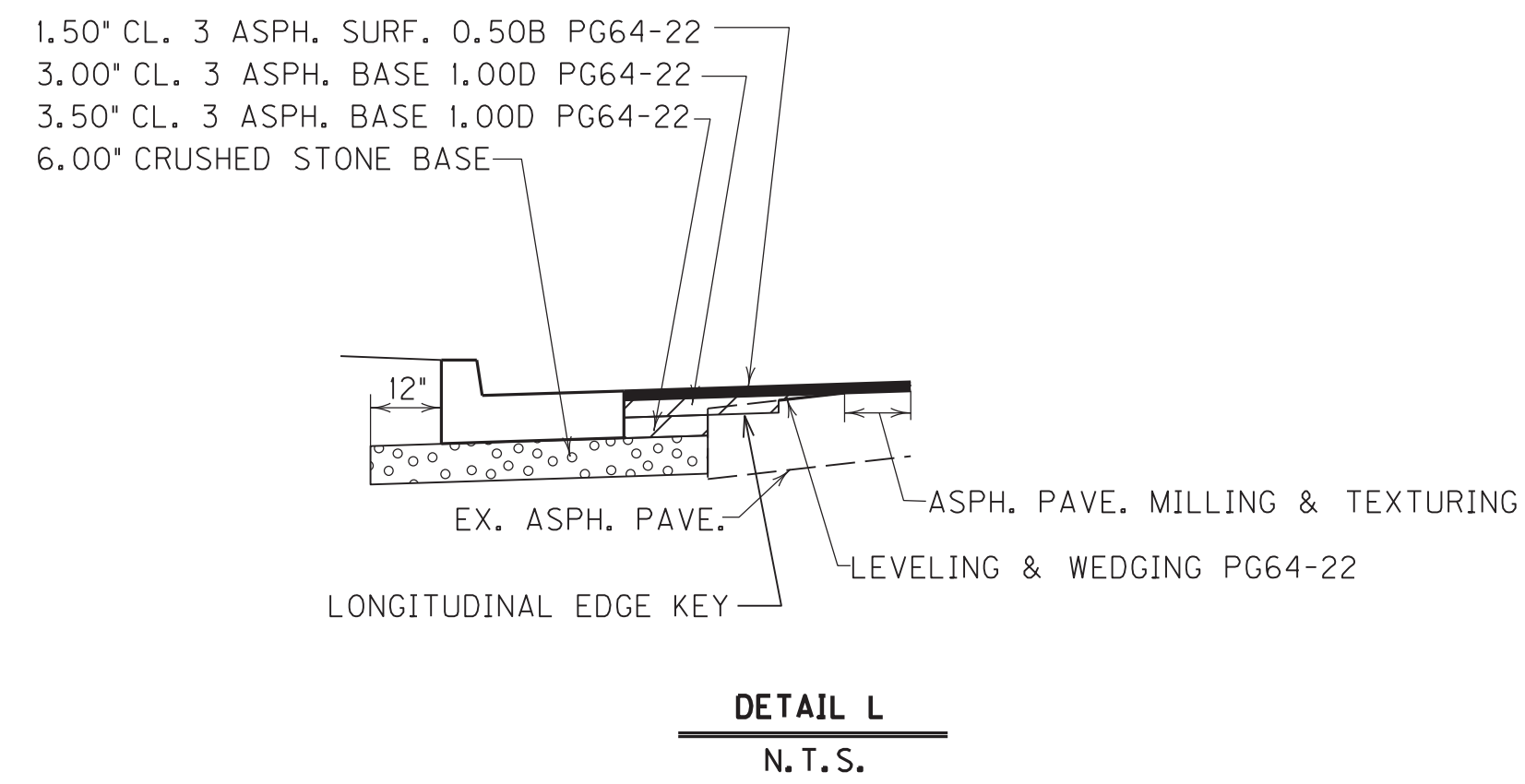
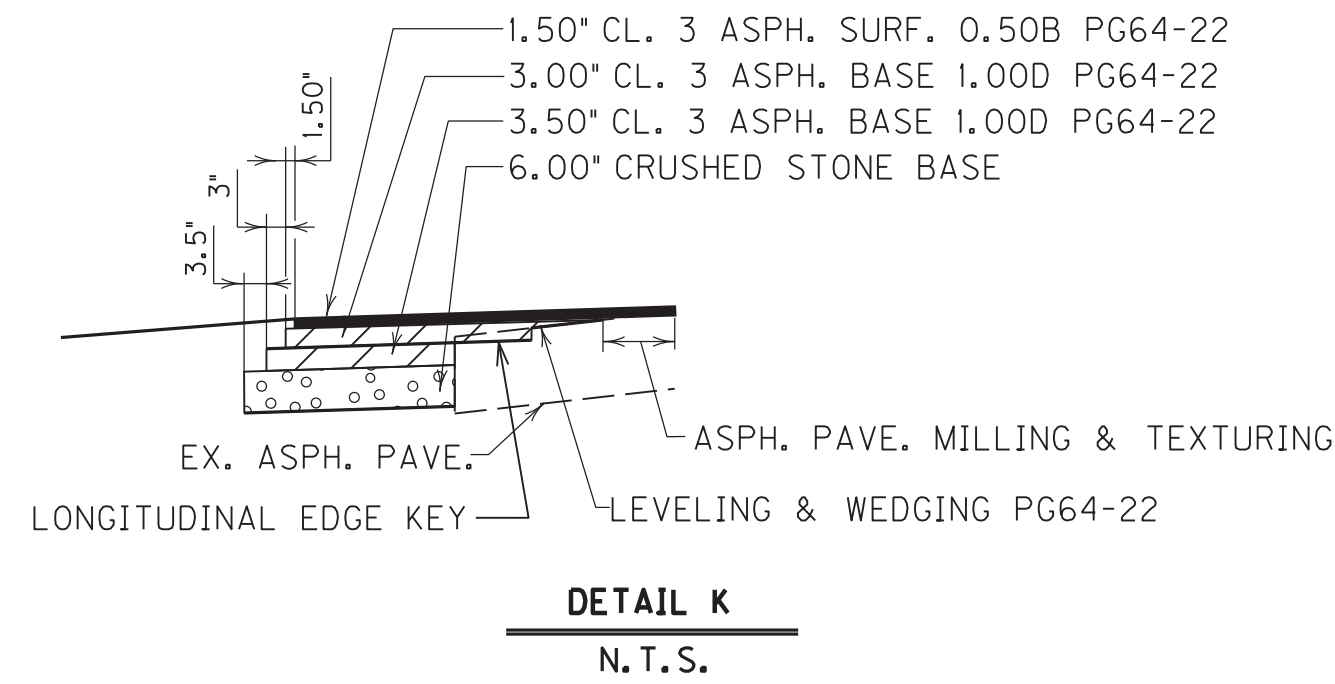
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO020BTS

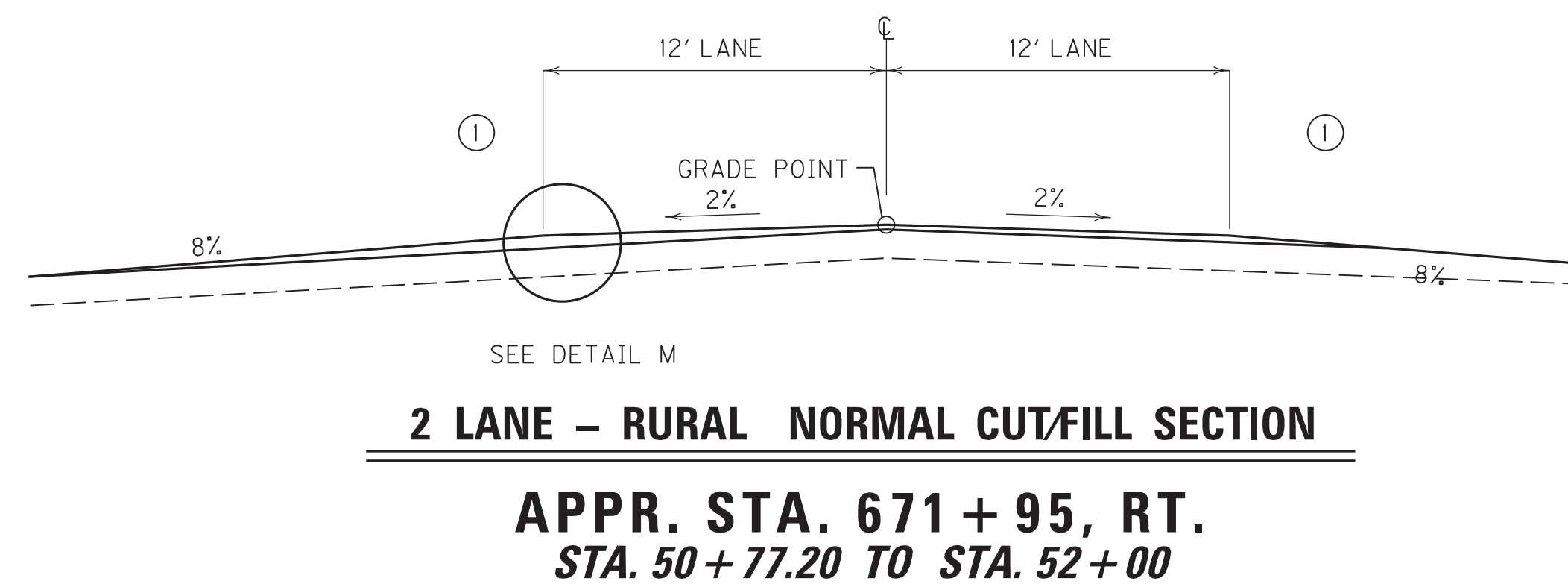
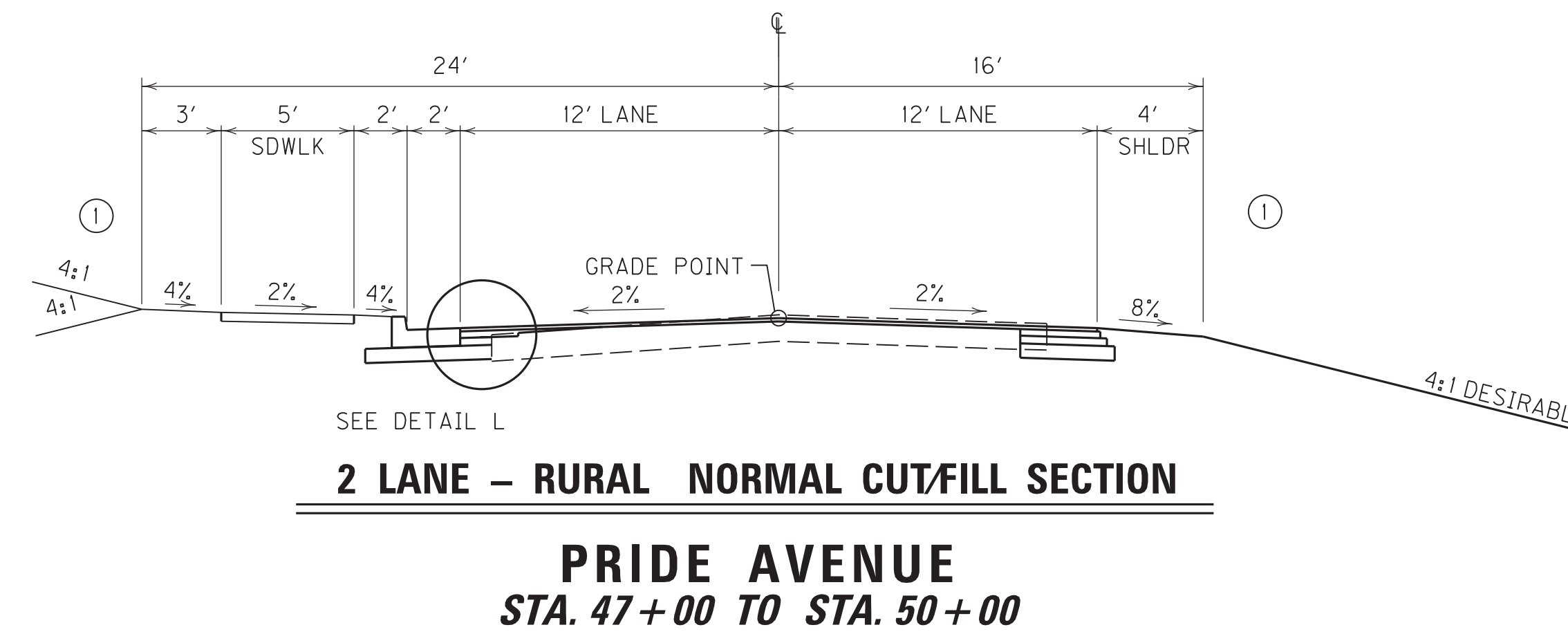
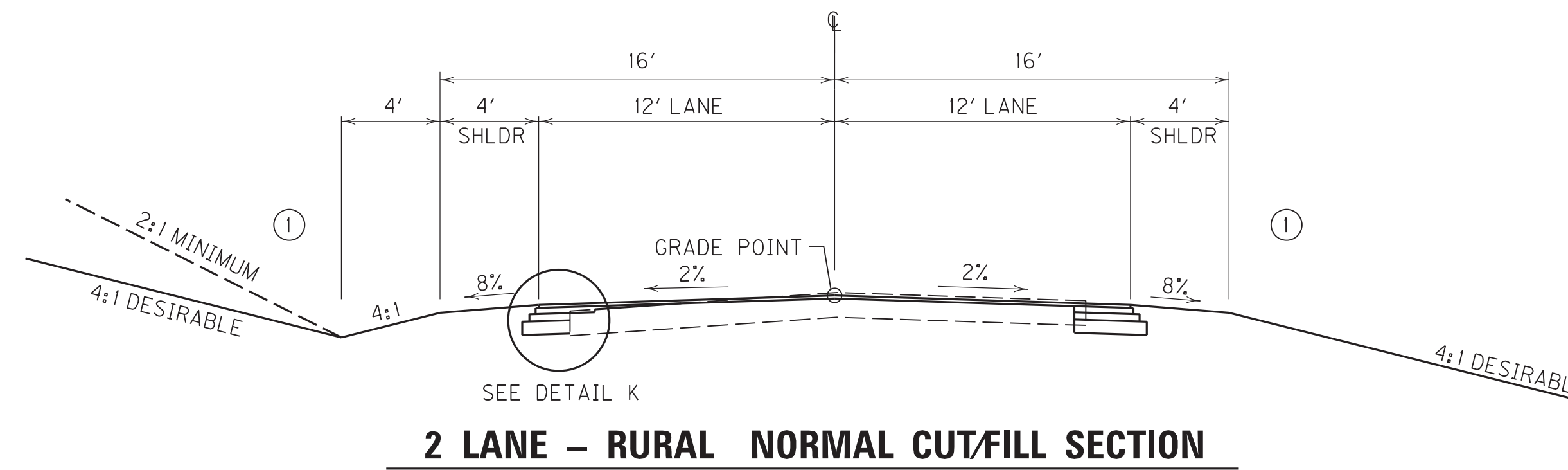
MicroStation v8.11.7.443

TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R02c



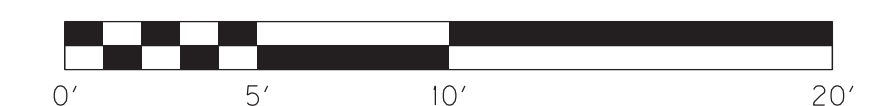
NOTES
① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.



PAVEMENT SCHEDULE

PRIDE AVE.	
BASE WIDENING	
CRUSHED STONE BASE	6.00" DEPTH
CL 3 ASPH. BASE 1.50D PG64-22	4.50" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.50" DEPTH
OVERLAY ~ OVERALL	
ASPH. PAVE. MILLING & TEXTURING	1.00" AVG. DEPTH
LEVELING & WEDGING PG64-22	1.00" AVG. DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.00" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50" DEPTH

APPR. STA. 671+95, RT.	VARIABLE DEPTH
TRAFFIC BOUND BASE	



TYPICAL SECTIONS
APPROACH ROADS

SCALE: 1"= 5'

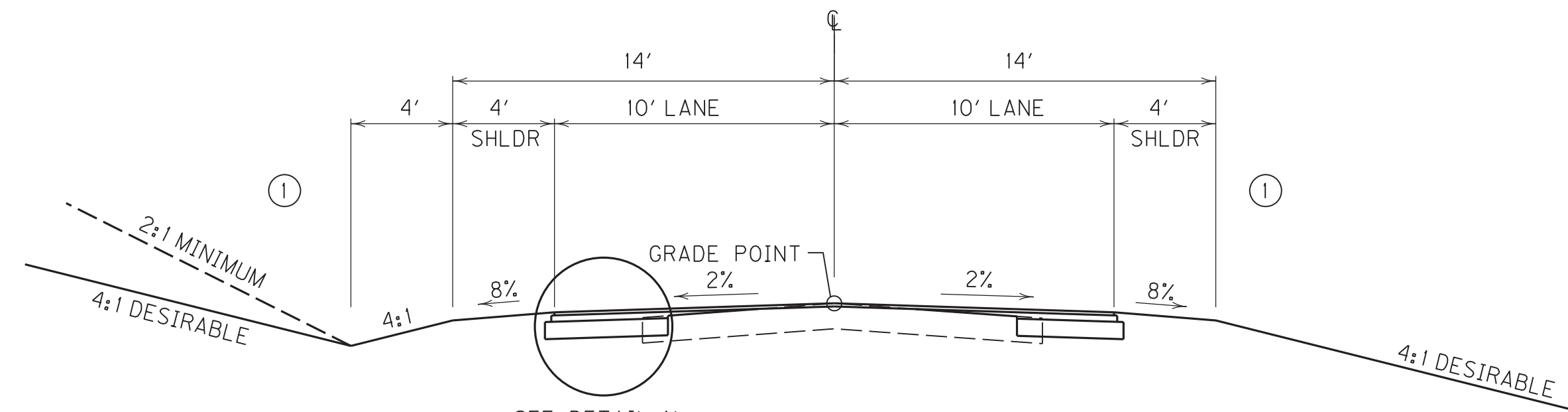
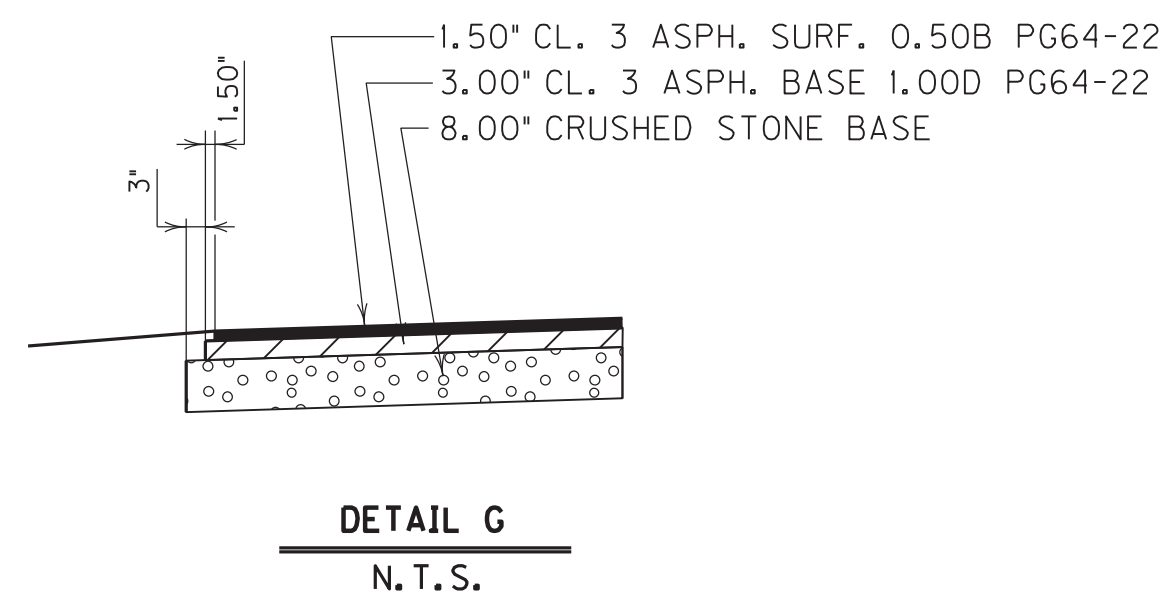
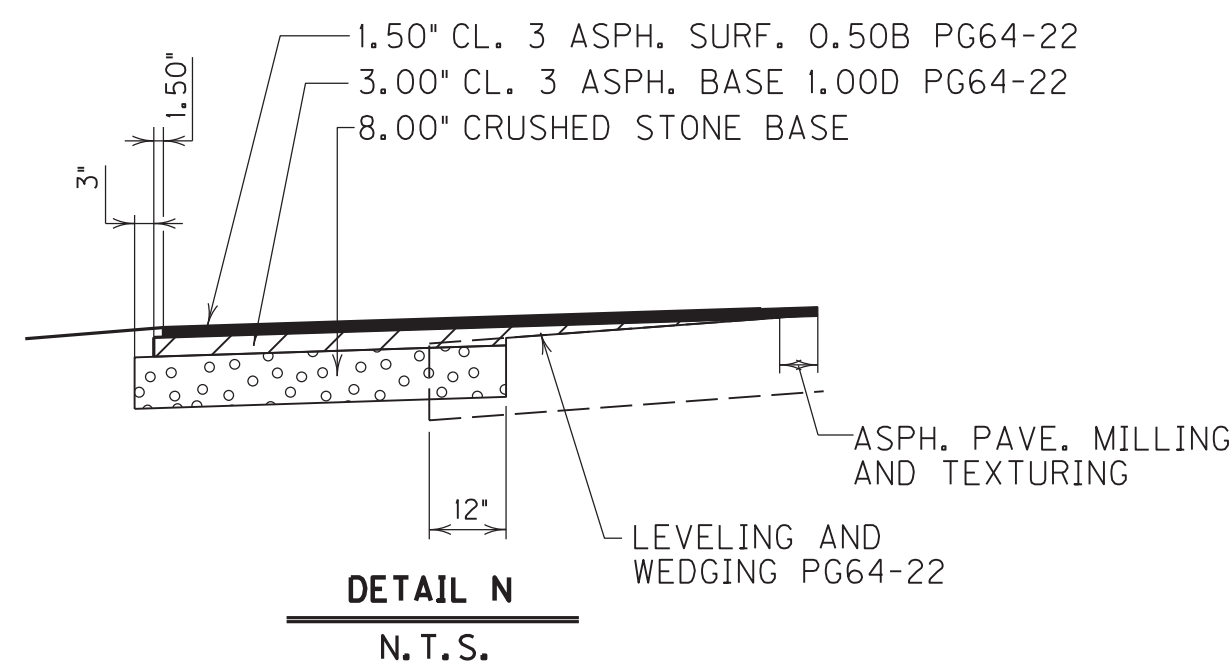
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USER: FROBINSON
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO020CTS

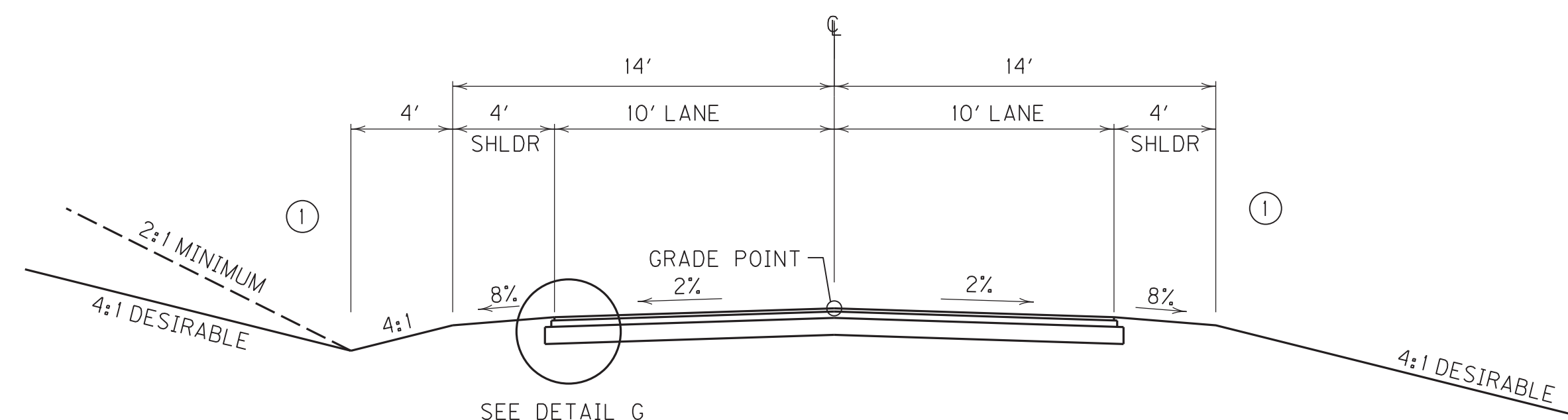
MicroStation v8.11.7.443

TYPICAL SECTIONS



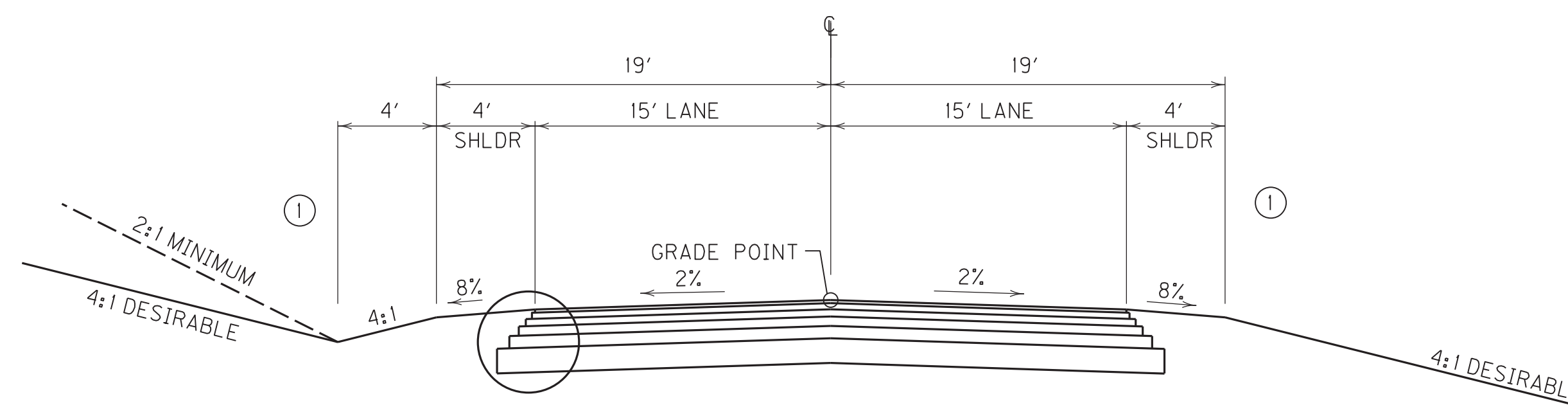
2 LANE - RURAL NORMAL CUT/FILL SECTION

QUINTEN DR.
STA. 48+00 TO STA. 48+50



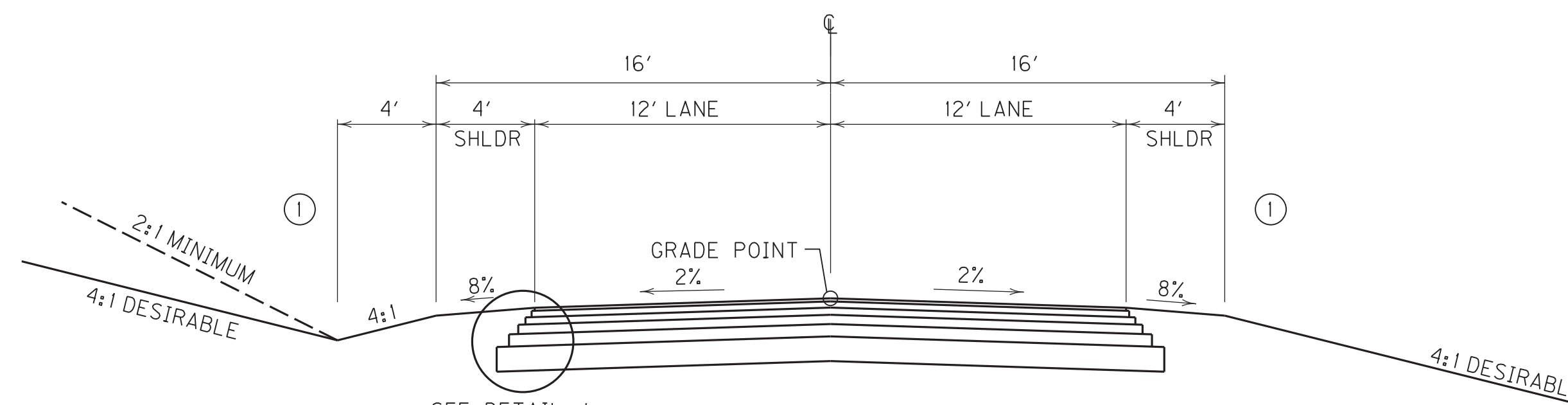
2 LANE - RURAL NORMAL CUT/FILL SECTION

QUINTEN DR.
STA. 48+50 TO STA. 50+00



2 LANE - RURAL NORMAL CUT/FILL SECTION

APPR. STA. 679+15, RT.



2 LANE - RURAL NORMAL CUT/FILL SECTION

APPR. STA. 679+15, LT.

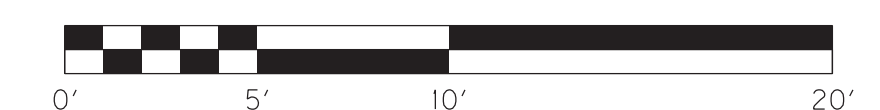
PAVEMENT SCHEDULE

QUINTEN DR.	
BASE WIDENING	
CRUSHED STONE BASE	8.00' DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.00' DEPTH
OVERLAY ~ OVERALL	
ASPH. PAVE. MILLING & TEXTURING	1.00' AVG. DEPTH
LEVELING & WEDGING PG64-22	1.00' AVG. DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50' DEPTH

APPR. STA. 679+15, LT. & RT.	
CRUSHED AGGREGATE SIZE NO. 2	12.00' DEPTH
CRUSHED STONE BASE	6.00' DEPTH
CL 3 ASPH. BASE 1.50D PG64-22	4.50' DEPTH
CL 3 ASPH. BASE 1.00D PG64-22 (3.50'+3.00')	6.50' DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50' DEPTH

NOTES

- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.



TYPICAL SECTIONS
APPROACH ROADS

SCALE: 1"= 5'

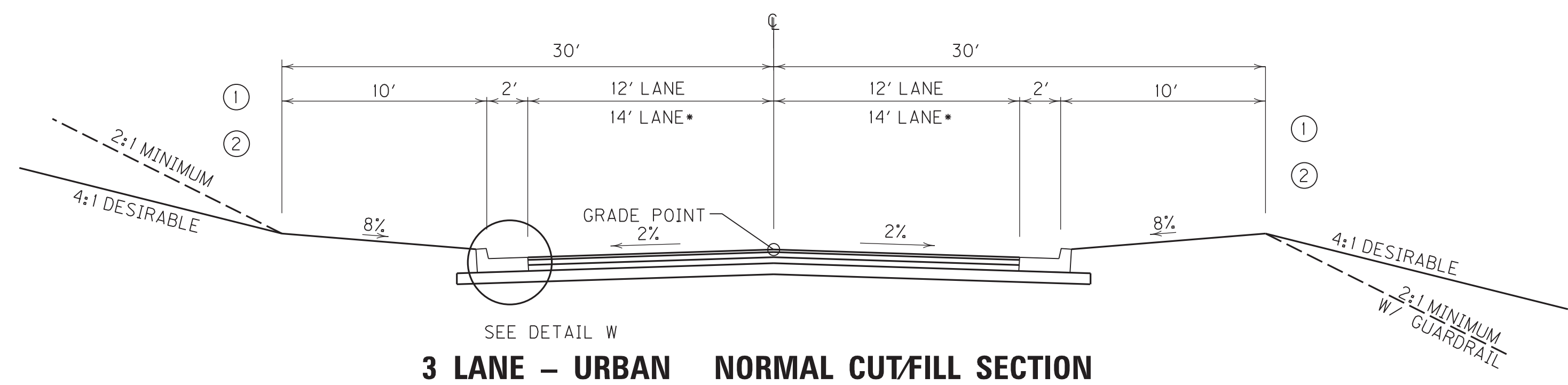
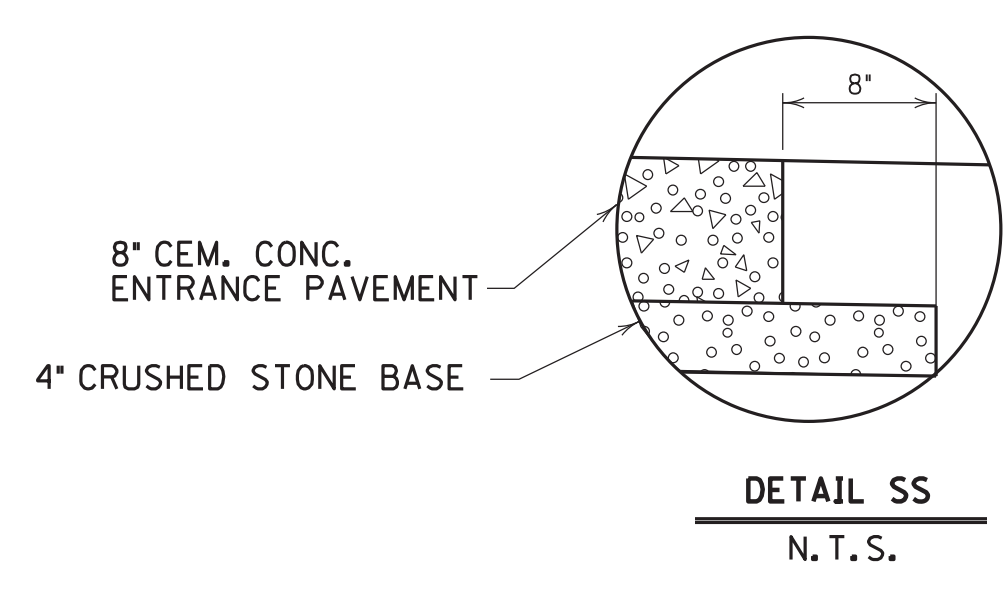
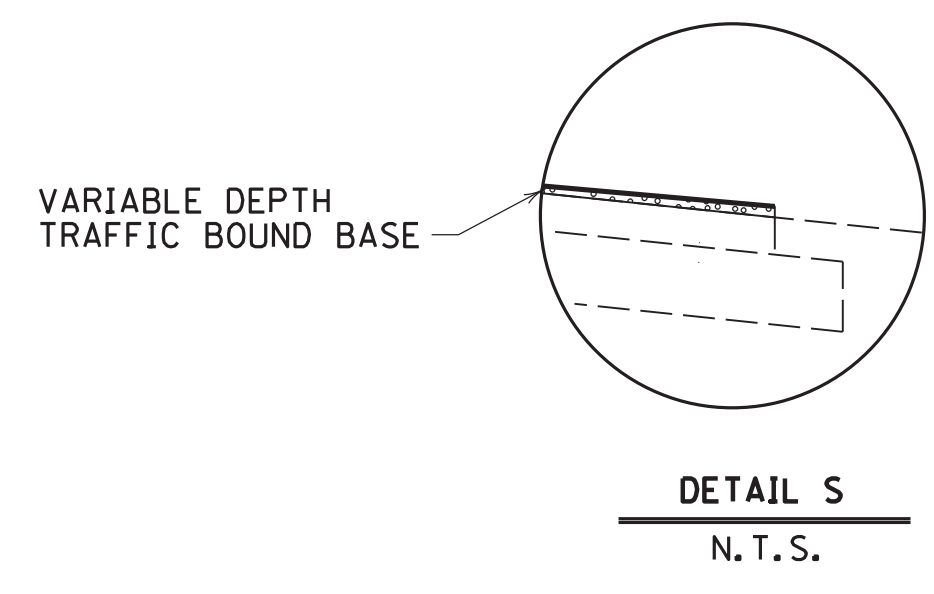
FILE NAME: C:\PLOT\RO020DTS.DGN

USER: Robinson
DATE PLOTTED: October 11, 2017

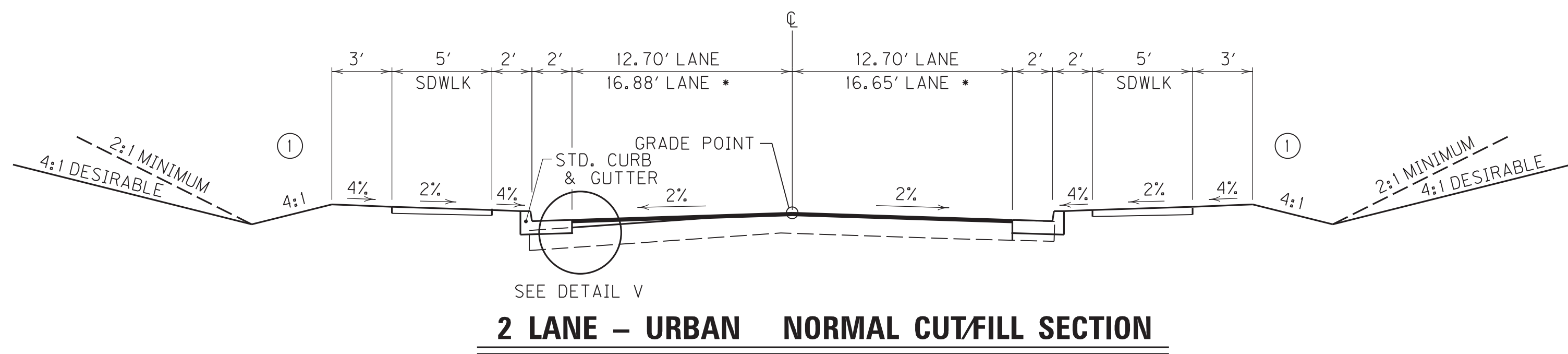
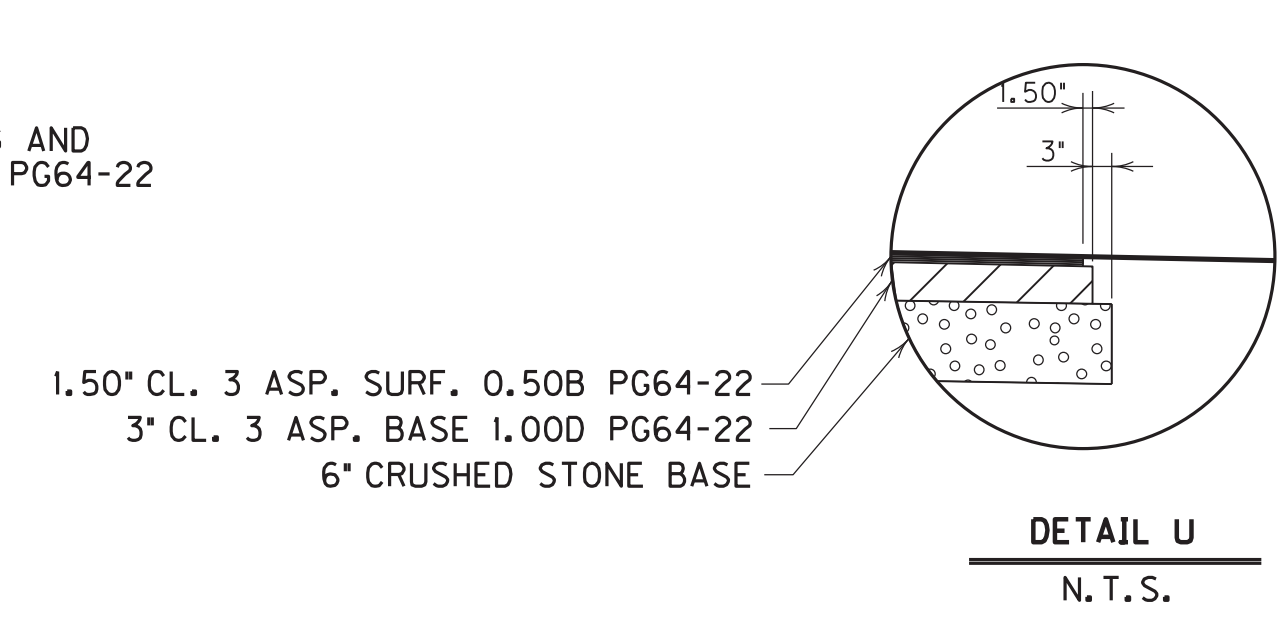
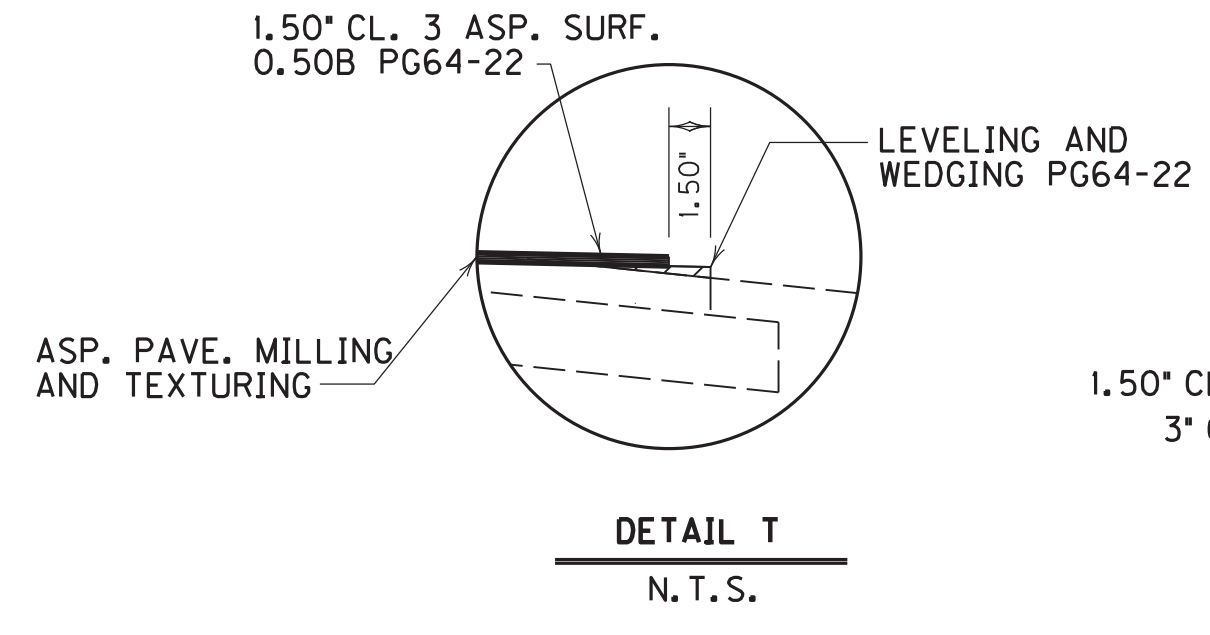
E-SHEET NAME: RO020DTS

MicroStation v8.11.7.443

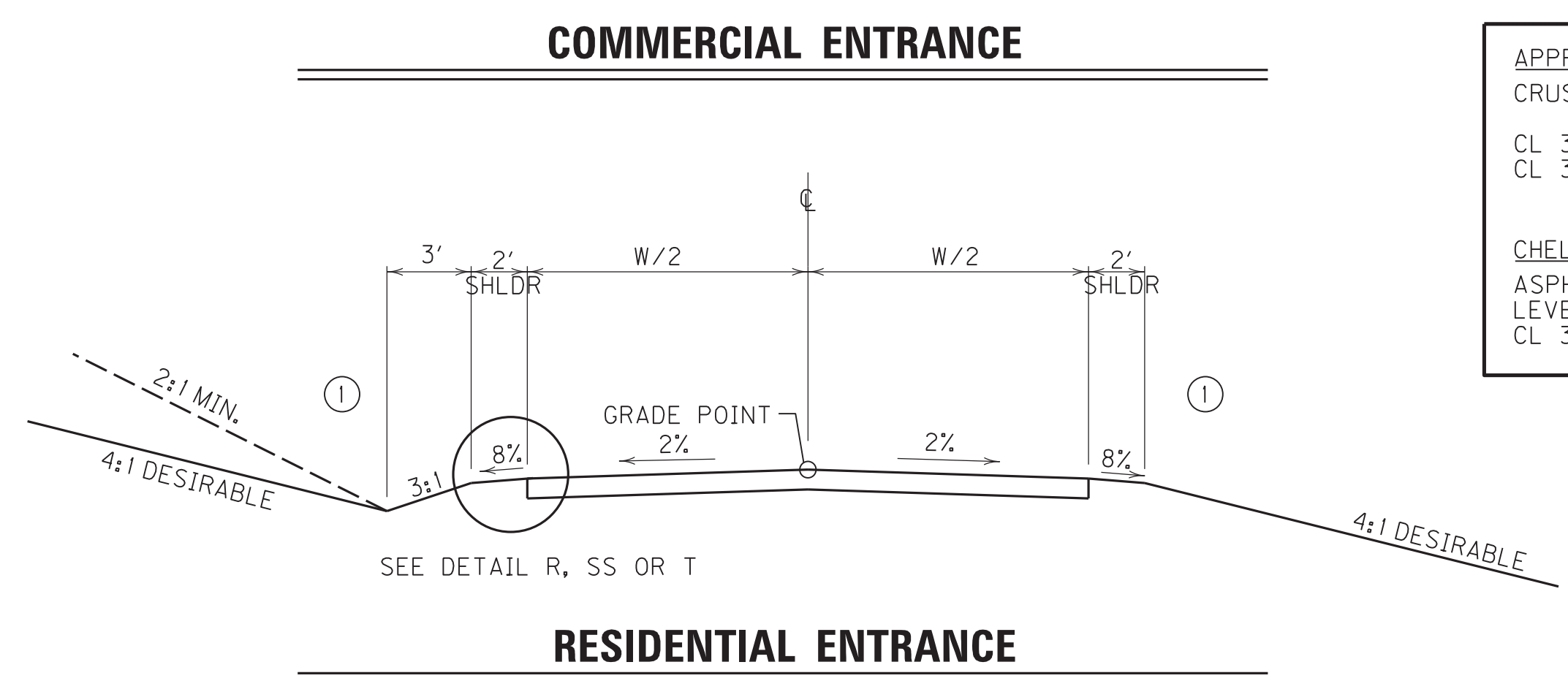
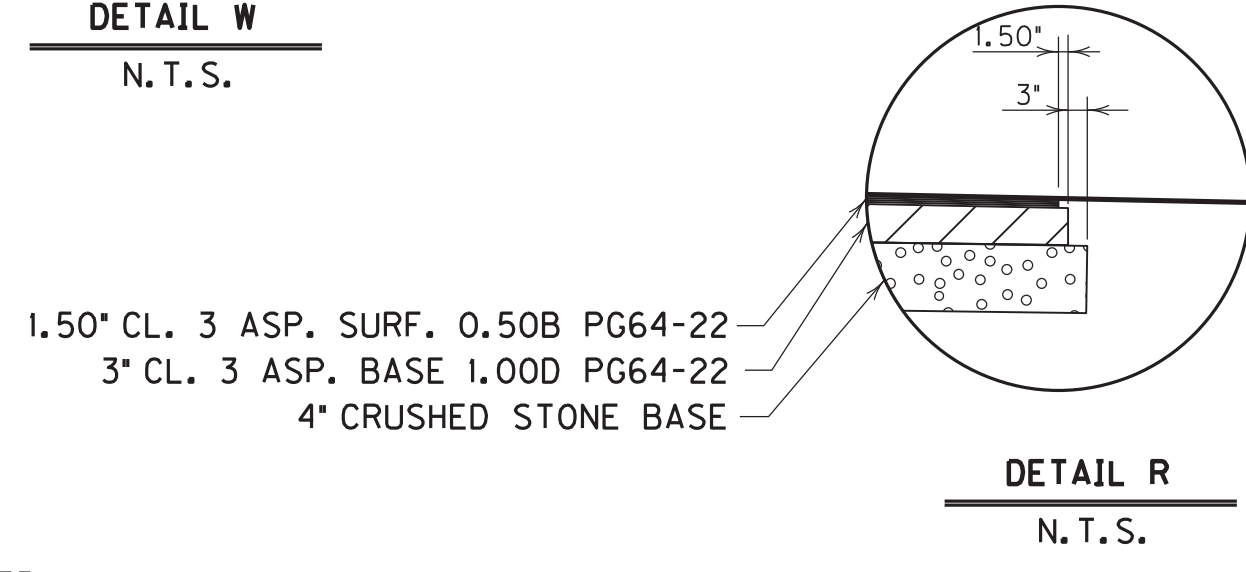
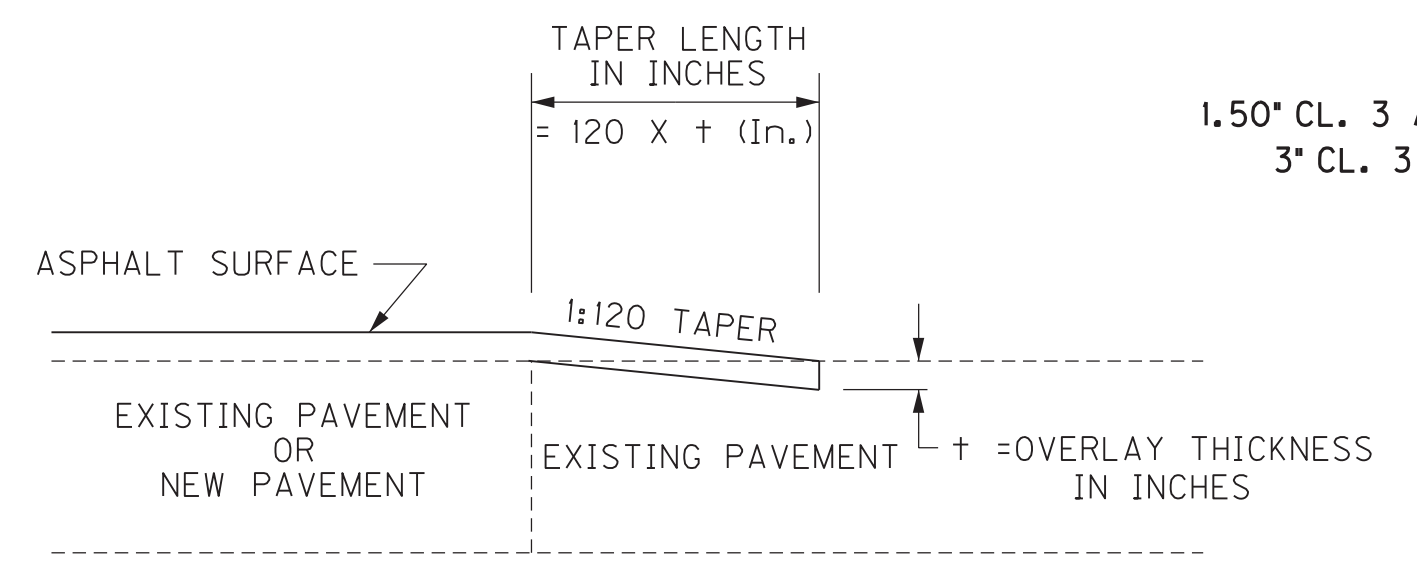
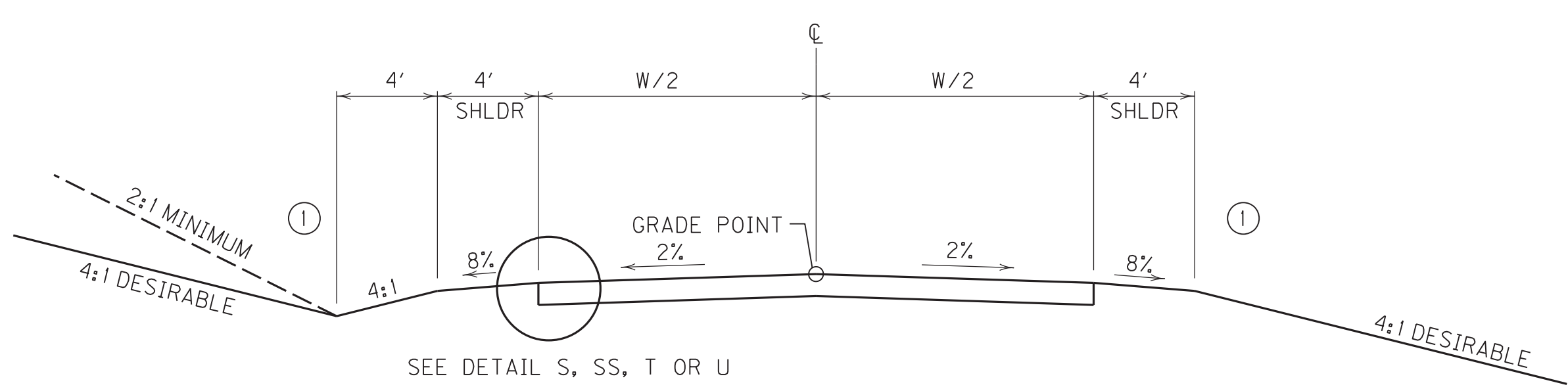
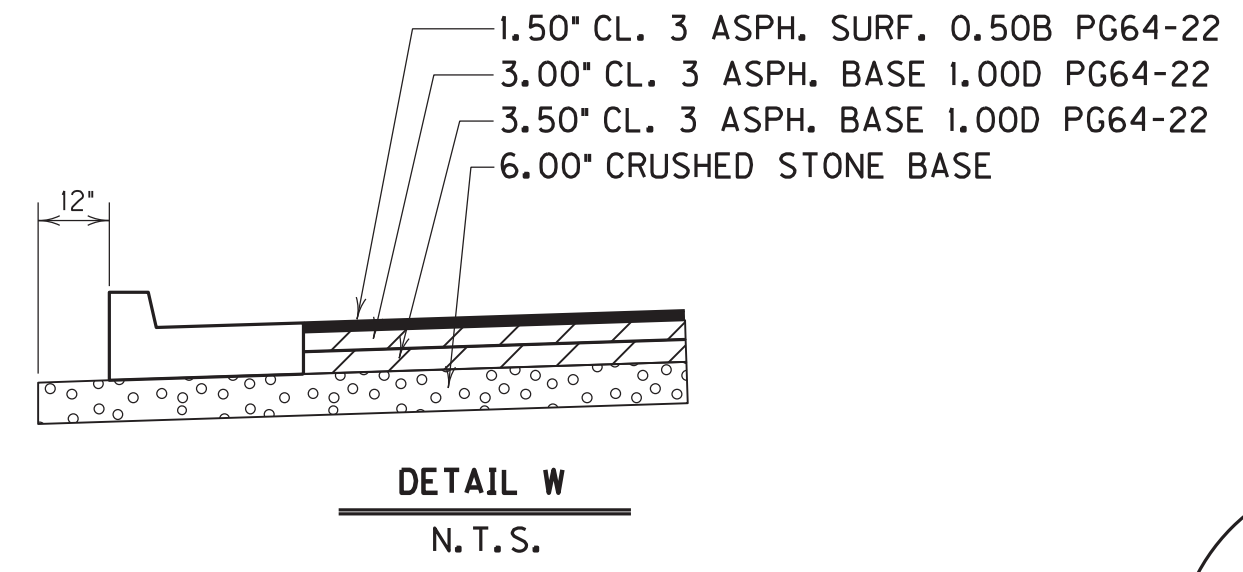
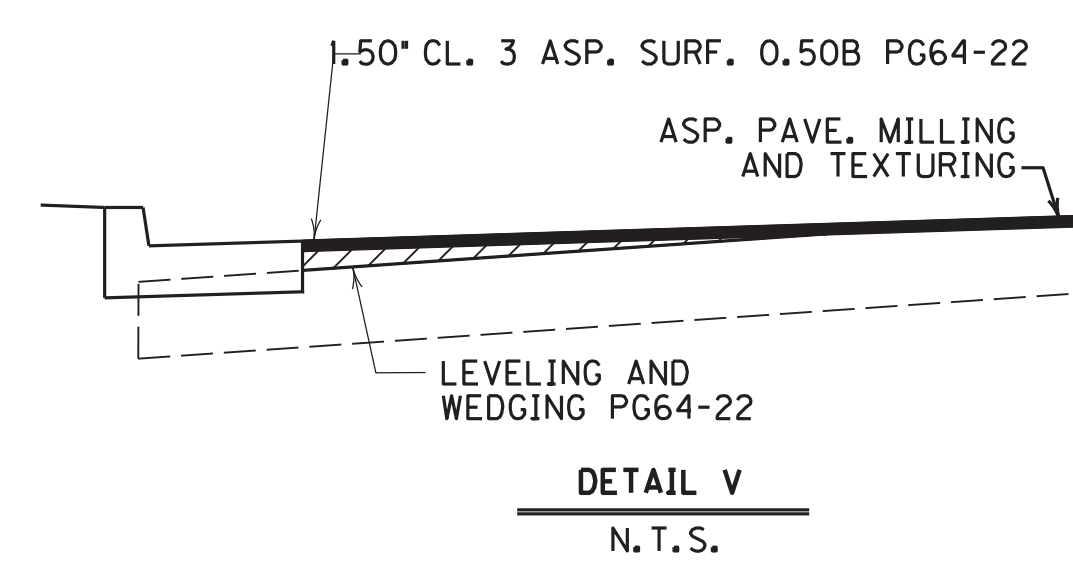
TYPICAL SECTIONS



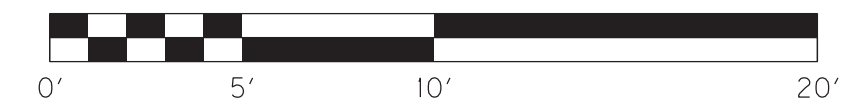
**APPR. STA. 699 + 15 LT
WALGREENS APPR. RD.
STA. 50 + 00 TO STA. 51 + 75 ***



**CHELSEA DR.
APPR 46 + 62 OFF NORTH MAIN ***



APPR. STA. 699+09, LT.	CRUSHED STONE BASE	6.00' DEPTH
	CL 3 ASPH. BASE 1.00D PG64-22 (3.50'+3.00')	6.50' DEPTH
	CL 3 ASPH. SURF. 0.50B PG64-22	1.50' DEPTH
CHELSEA DR.		
	ASP. PAVE. MILLING & TEXTURING	1.00' AVG. DEPTH
	LEVELING & WEDGING PG64-22	1.00' AVG. DEPTH
	CL 3 ASPH. SURF. 0.50B PG64-22	1.50' DEPTH



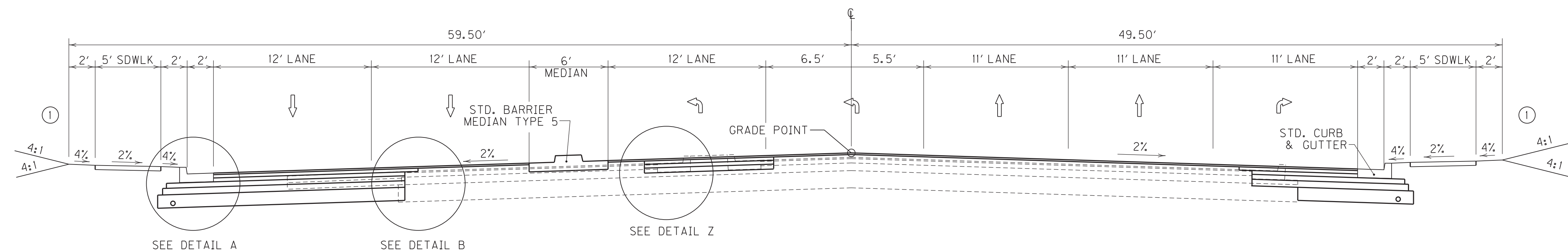
SCALE: 1"=10'

TYPICAL SECTIONS
APPROACH ROADS

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
② SEE CROSS SECTIONS FOR ROCK SLOPES.

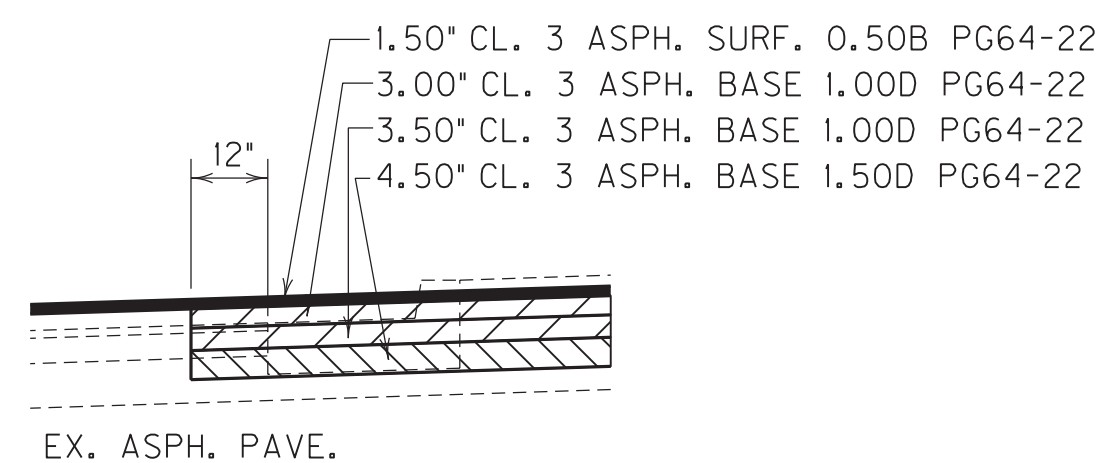
FILE NAME: G:\PLOT\RO020ETS.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: RO020ETS
MicroStation v8.11.7.443

TYPICAL SECTIONS

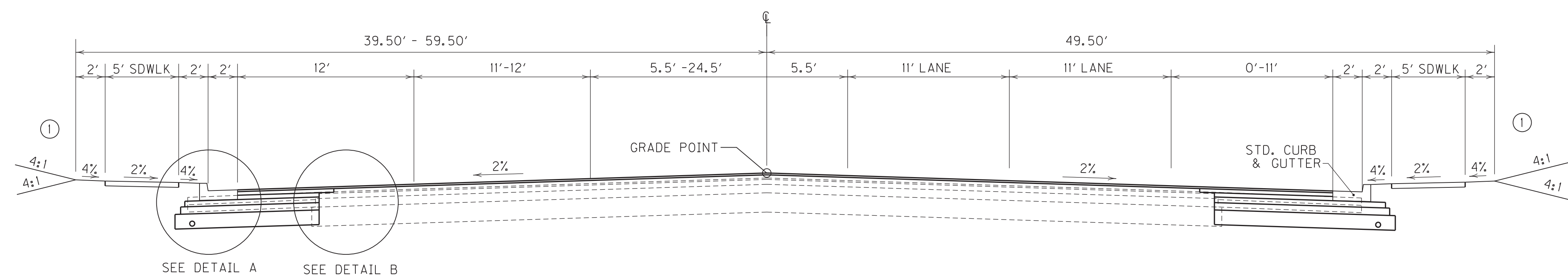


7 LANE - URBAN NORMAL CUT/FILL SECTION

U. S. 41 (NORTH MAIN ST.)
STA. 47+00 TO STA. 50+00



DETAIL Z
 N. T. S.



6 LANE - URBAN NORMAL CUT/FILL SECTION

U. S. 41 (NORTH MAIN ST.)
STA. 44+00 TO STA. 47+00

PAVEMENT SCHEDULE

U.S. 41 (NORTH MAIN ST.)	
ROADBED PREPARATION	
CRUSHED AGGREGATE SIZE NO. 2	12.00" DEPTH
BASE WIDENING	
CRUSHED STONE BASE	6.00" DEPTH
CL 3 ASPH. BASE 1.50D PG64-22	4.50" DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.50" DEPTH
OVERLAY - OVERALL	
ASPH. PAVE. MILLING & TEXTURING	1.00" AVG. DEPTH
LEVELING & WEDGING PG64-22	1.00" AVG. DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.00" DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50" DEPTH

NOTES

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.



SCALE: 1"= 5'

TYPICAL SECTIONS
 U.S. 41 (MAIN ST.)
 STA. 42+00 TO STA. 50+00

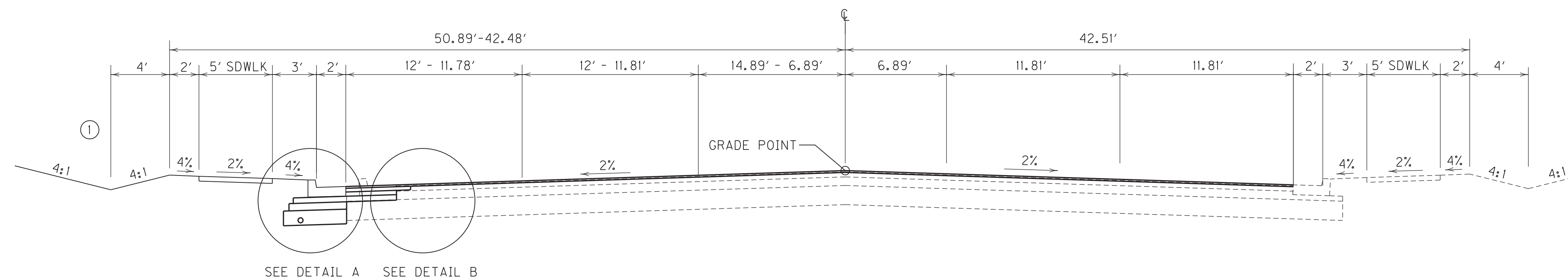
FILE NAME: C:\PLOT\RO020FTS.DGN

USER: rrobinson
 DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO020FTS

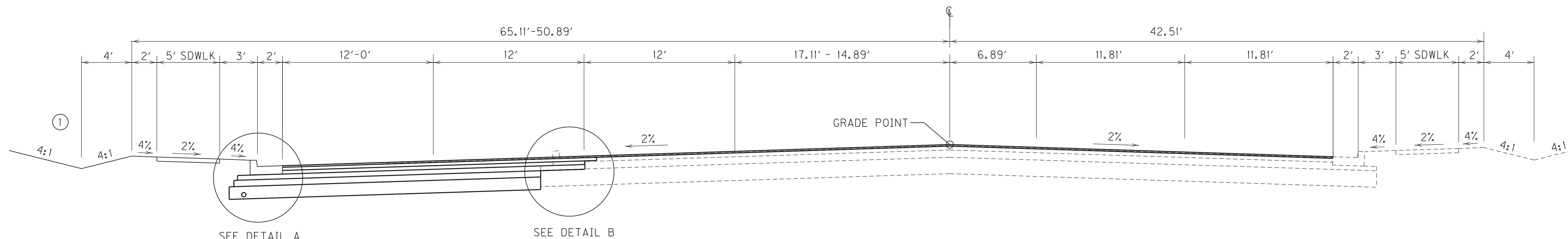
MicroStation v8.11.7.443

TYPICAL SECTIONS



5 LANE – URBAN NORMAL CUT/FILL SECTION

U. S. 41 (NORTH MAIN ST.)
STA. 330+50 TO STA. 335+50

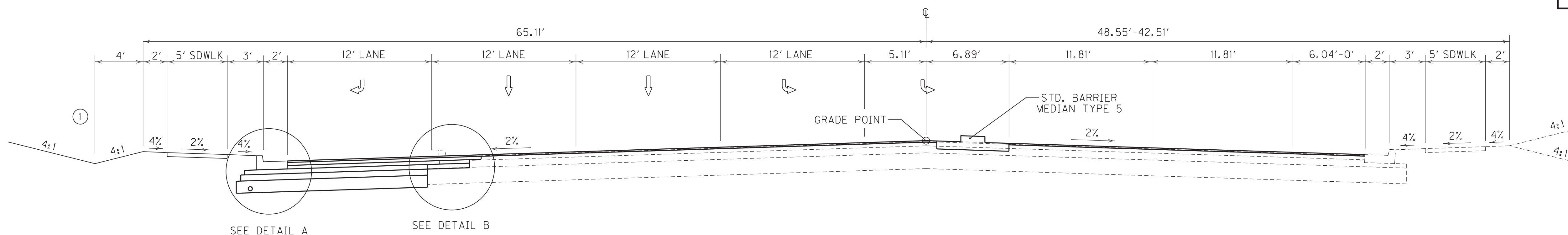


5 LANE – URBAN NORMAL CUT/FILL SECTION

U. S. 41 (NORTH MAIN ST.)
STA. 329+50 TO STA. 330+50

PAVEMENT SCHEDULE

U.S. 41 (NORTH MAIN ST.)	
ROADBED PREPARATION	
CRUSHED AGGREGATE SIZE NO. 2	12.00' DEPTH
BASE WIDENING	
CRUSHED STONE BASE	6.00' DEPTH
CL 3 ASPH. BASE 1.50D PG64-22	4.50' DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.50' DEPTH
OVERLAY ~ OVERALL	
ASPH. PAVE. MILLING & TEXTURING	1.00' AVG. DEPTH
LEVELING & WEDGING PG64-22	1.00' AVG. DEPTH
CL 3 ASPH. BASE 1.00D PG64-22	3.00' DEPTH
CL 3 ASPH. SURF. 0.50B PG64-22	1.50' DEPTH



5 LANE – URBAN NORMAL CUT/FILL SECTION

U. S. 41 (NORTH MAIN ST.)
STA. 326+00 TO STA. 329+50

- NOTES**
- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDERS.
 - ② SEE CROSS SECTIONS FOR ROCK SLOPES.



SCALE: 1"= 5'

TYPICAL SECTIONS
 U.S. 41 (MAIN ST.)
 STA. 326+00 TO STA. 335+50

FILE NAME: C:\PLOT\RO020GTS.DGN

USER: FROBINSON
 DATE PLOTTED: January 1, 0001

E-SHEET NAME: RO020GTS

MicroStation v8.11.7.443

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2h

ITEM	DESCRIPTION	UNIT	US 41A	APPR 640+34	DODSON LANE	PRIDE AVE.	APPR 693+09	APPR 699+15	QUINTEN DR.	US 41 NORTH MAIN	TOTAL						
00078	CRUSHED AGGREGATE SIZE NO 2	TON	11								11	⑨					
01000	PERF. PIPE 4 IN	LF	1650				48	44	116	94	1952						
01005	PERF. PIPE 4 IN EDGE DRAINS	LF	14992								14992						
01010	NON-PERFORATED PIPE-4 IN	LF	451								451	③					
01015	INSP & CERT EDGE DRAIN SYS	LP SUM									1						
01020	PERF PIPE HEADWALL TY 1-4 IN	EACH	1								1						
01024	PERF PIPE HEADWALL TY 2-4 IN	EACH	6								6						
01028	PERF PIPE HEADWALL TY 3-4 IN	EACH	4								4						
01310	REMOVE PIPE	LF	922	62	38		31	21	34	450	1558						
01314	PLUG PIPE	EACH					1				1						
01585	REMOVE DROP BOX INLET	EACH	4				1				5						
01718	REMOVE INLET	EACH							2	2	4						
01810	STANDARD CURB AND GUTTER	LF	13911	389	33	149		741		2321	18525	④					
01811	STANDARD CURB AND GUTTER MOD	LF	35.5								35.5	⑥					
01923	STANDARD BARRIER MEDIAN TYPE 5	SQYD								255	255						
02091	REMOVE PAVEMENT	SY	437	98			557	354			1446						
02159	TEMP DITCH	LF									3817						
02160	CLEAN TEMP DITCH	LF									1909						
02200	ROADWAY EXCAVATION	CY									60571	⑧					
02223	GRANULAR EMBANKMENT	CUYD	129								129						
02262	FENCE, WOVEN WIRE TYPE 1 ①	LF	546								546						
02429	R/W MONUMENT TYPE 1	EACH	72	6	3	6	0	19	5	30	141						
02430	R/W MONUMENT TYPE 1A	EACH	3					1			4						
02432	WITNESS POST	EACH									3						
02242	WATER ⑩	MGAL									200	②					
02545	CLEARING AND GRUBBING	LP SUM									1	①					
02555	CONCRETE, CLASS B	CY	266								266						
02562	TEMPORARY SIGNS	SF									320						
02568	MOBILIZATION	LP SUM									1						
02569	DEMOBILIZATION	LP SUM									1						
02585	EDGE KEY	LF	163		43	44	24		15	156	445						
02611	HANDRAIL-TYPE A-1	LF	160								160						
02625	REMOVE HEADWALL	EACH	5				1		1		7						
02650	MAINTAIN AND CONTROL TRAFFIC	LP SUM									1	⑤					
02690	SAFELoad	CY	25			18				28	73						
02701	TEMP SILT FENCE	LF									3817						
02703	SILT TRAP TYPE A	EACH									27						
02704	SILT TRAP TYPE B	EACH									27						
02705	SILT TRAP TYPE C	EACH									27						
02706	CLEAN SILT TRAP TYPE A	EACH									27						
02707	CLEAN SILT TRAP TYPE B	EACH									27						
02708	CLEAN SILT TRAP TYPE C	EACH									27						
02720	SIDEWALK 4 IN CONCRETE	SY	4876		13	58				1561	6508						
02720	SIDEWALK 4 IN CONCRETE (RAMPS)	SY	306								306						
02726	STAKING	LP SUM									1						

NOTES:

- ① APPROXIMATELY 49 ACRES.
- ② FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY.
- ③ 306 LF ADDED FROM SUBGRADE UNDERDRAINS ON PROFILE
- ④ INCLUDES 223 L.F. FOR WALGREEN'S APPROACH AND 758 LF FOR ENTRANCES
- ⑤ LUMP SUM BID FOR MAINTAIN AND CONTROL TRAFFIC WILL INCLUDE SHIFTING SIGNAL HEADS AND AND THE INSTALLATION OF TEMPORARY CAMERAS USED DURING CONSTRUCTION PHASING.
- ⑥ ON APPROACH 699+09 RIGHT (BRIARWOOD DR.)
- ⑦ NOTE NOT APPLICABLE
- ⑧ **EXCAVATION**
COMMON
49,519 C.Y. ROCK
259 C.Y. SURF. DITCHES
3,514 C.Y. EMB. BENCHING
5,331 C.Y. PIPE DRAIN. SHEET
974 C.Y. TOTAL EXC.
59,597 C.Y.
- EMBANKMENT**
40,482 C.Y. EMBANKMENT
5,331 C.Y. EMB. BENCHING
157 C.Y. REFILL
45,970 C.Y. TOTAL EMB.
- ⑨ QUANTITY TRANSFERRED TO THE PAVEMENT SUMMARY SHEET.
- ⑩ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY
- ⑪ CONTRARY TO STD. DRWG. RFW-006-07, CLASS B CONCRETE FOR PULL AND BRACE POSTS SHALL BE INCIDENTAL TO THIS ITEM.

FILE NAME: G:\PLOT\RO020HSL.DGN
 USER: rrobinson
 DATE PLOTTED: October 16, 2017
 E-SHEET NAME: RO020HSU
 MicroStation v8.11.7.443

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R21

ITEM	DESCRIPTION	UNIT	US 41A	APPR 640+34	DODSON LANE	PRIDE AVE.	APPR 693+09	APPR 699+15	QUINTEN DR.	US 41 NORTH MAIN	TOTAL						
X	X	X	X	X	X	X	X	X	X	X	X						
05950	EROSION CONTROL BLANKET	SY									9978						
05952	TEMP MULCH	SY									86245						
05953	TEMP SEEDING AND PROTECT	SY									64684						
05963	INITIAL FERTILIZER	TON									9.0						
05964	20-10-10 FERTILIZER	TON									4.5						
05985	SEEDING AND PROTECT	SY									86587						
05992	AGRICULTURAL LIMESTONE	TON									54						
05990	SODDING	SY									6825						
06401	FLEXIBLE DELINEATOR POST-M/W	EACH	9								9						
06510	PAVE STRIPING-TEMP PAINT-4IN	LF									76887						
06514	PAVE STRIPING-PERM PAINT-4 IN	LF									46099						
06572	PAVE MARKING-DOTTED LANE EXTEN	LF									651						
06570	PAVE MARKING-PAINT CROSS-HATCH	SOFT									6608						
06568	PAVE STRIPING-THERMO STOP BAR, 24"	LF									210						
06566	PAVE MARKING-THERMO X-WALK-12 IN	LF									919						
06574	PAVE STRIPING-THERMO CURVE ARROW	EACH									42						
06578	PAVE STRIPING-THERMO MERGE ARROW	EACH									8						
24489EC	INLAID PAVEMENT MARKERS	EACH									815						
02203	STRUCTURE EXCAVATION-UNCLASSIFIED	CUYD	245							29 (14)	274						
02403	REMOVE CONCRETE MASONRY	CUYD								4	4 (14)						
03000	PRECAST CONC BOX SECT 30" X 30"	LF								14	14 (14)						
08103	CONCRETE-CLASS D MOD	CUYD								1	1 (14)						
24814EC	PIPELINE INSPECTION	LF									10885						
10020NS	FUEL ADJUSTMENT	DOLLAR									41961						
10030NS	ASPHALT ADJUSTMENT	DOLLAR									63211						
20904ED	RECONSTRUCT CURB BOX INLET	EACH	2								2						
20418ED	REMOVE & RELOCATE SIGNS	EACH									8						
20550ND	SAWCUT PAVEMENT	LF	291	87	213	94	166		43	453	1347						
23839ED	REMOVE CONCRETE MEDIAN	SY	698								698						
24651ED	CONCRETE ISLAND (13)	SY	858								858						
22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	EACH									58						
23276EN	TURF REINFORMENT MAT TYPE 3	SY	843			229					1932 (12)						
23158ES	DETECTABLE WARNINGS	SOFT	523								523						
21289ED	LONGITUDINAL EDGE KEY	LF	13672			1343				2336	17351						
02998	MASONRY COATING	SY	313								313						

NOTES:

- (12) 860 SY FROM PIPE DRAINAGE SUMMARY SHEET
- (13) THE CONTRACTOR SHALL SAW & SEAL CONSTRUCTION JOINTS IN TWO DIRECTIONS AT A 15' MAX. SPACING IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIFICATIONS AS DIRECTED BY THE ENGINEER
- (14) THESE QUANTITIES ARE CARRIED OVER FROM PIPE SHEET 31 (R150) AND PERTAIN SPECIFICALLY TO THE 30" X 30" RCBC EXTENSION

FILE NAME: G:\PLOT\RO0201SU.DGN

USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: RO0201SU

MicroStation v8.11.7.443

PAVING AREAS

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2J

ITEM	US 41A	640+34 LT & RT	643+34 LT DODSON	646+34 RT	656+66 LT	656+66 RT	664+22 LT		671+95 LT	671+95 RT	679+15 LT & RT	686+09 LT & RT PRIDE	693+09 RT	699+09 LT	699+09 RT BRIARWOOD	QUINTEN	WALGREENS 699+15	US 41 NORTH MAIN	ENTRANCES	ISLAND			TOTALS
	S Q U A R E Y A R D S																						
1.5" CL3 ASPH SURF 0.50B PG64-22	53685	1019	807	322	100	399	73	0	29	0	123	1462	762	1564	443	280	378	15783	5384	0			82611
3.0" CL 3 ASPH BASE 1.00D PG64-22	53685	1019	816	0	102	403	74	0	30	0	126	253	770	1564	447	284	378	3610	4301	0			67862
3.5" CL 3 ASPH BASE 1.00D PG64-22	24295	1019	835	0	105	413	77	0	33	0	132	270	788	1564	455	0	378	3610	0	544			34517
4.5" CL3 ASPH BASE 1.50D PG 64-22	30683	0	0	0	109	0	81	0	36	0	139	0	0	0	0	0	0	5024	0	544			36615
LEVELING & WEDGING PG64-22 (1" AVG)	4860	0	0	3816	0	0	0	0	0	0	0	439	0	0	0	0	0	6116		11644			26875
4.0" CRUSHED STONE BASE	0	0	86	0	0	0	0	0	0	0	0	68	0	84	0	0	0	792	1409	0			2440
6.0" CRUSHED STONE BASE	31351	300	857	0	114	424	85	0	39	0	148	469	808	1871	465	0	474	5193	3462	0			46062
6.5" CRUSHED STONE BASE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8.0" CRUSHED STONE BASE	0	948	0	0	0	0	0	0	0	0	0	0	0	0	0	292	0	0		356			1598
CEMENT CONCRETE ENTRANCE PAVEMENT-8 IN			86									68		84				599	1384				2222
12.0" CRUSHED AGGREGATE SIZE NO. 2	32242	0	0	0	122	0	91	0	45	0	161	0	0	0	0	0	0	5644		0			38304
FABRIC-GEOTEXTILE TYPE IV	66158	0	0	0	252	0	188	0	91	0	330	0	0	0	0	0	0	11665		0			78684
ASPHALT SEAL COAT (2.4 LB/SY)																							0
ASPHALT SEAL AGGREGATE (20 LB/SY SIZE No.8 OR 9M)																							0
TRAFFIC BOUND BASE	0	540	0	0	0	0	0	0	0	474	0	0	0	0	0	0	0	0	256	0			1270
ASPHALT PAVE MILLING & TEXTURING	65052	0	0	216	0	0	0	0	0	0	0	23	0	0	0	0	0	3275		0			68566

MicroStation v8.11.7.443 E-SHEET NAME: R0020USU USER: rrobinson DATE PLOTTED: October 16, 2017 FILE NAME: C:\PLOT\R0020USU.DGN

U.S. 41A
PAVEMENT SUMMARY SHEET

PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R21

SHEET NO.	ITEM CODE	SKEW	12" SLOTTED DRAIN PIPE	STORM SEWER PIPE								SLOPED OUTLET	S & F BOX INLET - OUTLET					MANHOLE TYPE				REMARKS	
				6" PVC	15"	18"	24"	27"	30"	36"	42"	15"	18"	24"	30"	36"	A	B	C	C SPECIAL			
			980	3385	521	522	524	525	526	528	529		1432	1450	1451	1452	1453	1756	1761	1767	1770		
	UNIT TO BID			L.F.								EACH											
R120	49+35 on Appr. Rd	0°																					
R120	640+07.82	18° 30'17" RT		30														1					
R121	643+62.59	0°		25		8			44														
R121	643+24.86	9° 39'34" RT				89																	
R121	642+10	0°				32		41		319													
R122	648+00	0°				109		109															
R122	645+85	0°			122	213		211															
R123	649+88	0°						121															
R123	649+50	0°						70															
R123	649+12	0°						70															
R124	652+00	0°			161																		
R124	650+53.23	30° 10'18" LT								69						1							
R125	657+25	0°						479															
R125	655+00	0°						343															
R125	653+24.86	28° 57'15" RT								63													
R126	664+75	0°			245																		
R126	660+50	0°				624																	
R126	657+45	0°				17																	
R127	668+00	0°			394																		
R127	666+00	0°					116								1								
R128	672+65	0°			327								1										
R128	671+04.45	30° 03'46" RT								67						1							
R129	677+00	0°			68																		
R129	676+82.91	29° 41'36" RT								113													
R130	680+04.58	28° 56'54" RT				78									1					1			
R130	679+69	0°			14																		
R131	682+04.43	29° 37'47" RT				21		145							1					1			
R131	680+35	0°						69												1			
R132	685+60.11	29° 46'32" RT			22		84													2			
R132	682+50	0°			63																		
R133	687+30	0°				62																	
R133	49+10 NE Radius Pride Ave				18																		
R134	687+30	0°				140																	
R134	686+51.62	0°																					
R135	695+50	0°			48		297																
R135	692+75	0°				287																	
R135	692+50	0°				297																	
R136	698+50	0°			15		409																
R136	696+24.52	0°			27															1			
R136	696+23.38	30° 17'51" LT							79							1						2	
R136a	699+64.22	0°				133																	
R136a	50+86 Briarwood	11° 51'36" RT				107														1			
R137	701+50	0°				155																	
R137	701+00	0°				248																	
R138	49+23 @ Appr. Rd 699+15	9° 24'36" LT				86																	
R138	48+45.19 Appr Rd 699+15 RT	11" LT				96																	
	SHEET TOTAL		0	0	2452	2703	1922	0	442	249	63		1	2	1	1	2	6	2	2	0		

FILE NAME: G:\PLOT\RO020LSU.DGN

USER: FROBINSON
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO020LSU

MicroStation v8.11.7.443

PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2m

SHEET NO.		SKEW	CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B 1	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	FABRIC GEO-TEXTILE TY IV FOR PIPE	CHANNEL LINING CLASS III	PIPE CULVERT HEADWALL						15 INCH ENTRANCE PIPE	REMARKS
																15 INCH	18 INCH	24 INCH	30 INCH	36 INCH	42 INCH		
ITEM CODE			1456	1490	1499	1538	1559	1577	1580	1581	23952EC	23276EN	2200	2600	2484	1202	1204	1208	1210	1212	1214	440	
UNIT TO BID			EACH										S.Y.	C.Y.	S.Y.	TON	EACH						
R120	49+35 on Appr. Rd	0°	2											60									
R120	640+07.82	18° 30'17" RT					1						148	228	190							1	
R121	643+62.59	0°										2											
R121	643+24.86	9° 39'34" RT	2			1								407									
R121	642+10	0°	1	1										287									
R122	648+00	0°	2											497									
R122	645+85	0°	2	2										1054									
R123	649+88	0°	2											294									
R123	649+50	0°	2											168									
R123	649+12	0°	2											168									
R124	652+00	0°	1											329									
R124	650+53.23	30° 10'18" LT	2									76	65	139	18					1			
R125	657+25	0°	1	1										1145									
R125	655+00	0°	2											817									
R125	653+24.86	28° 57'15" RT	2									70	106	159	37						2		
R126	664+75	0°	2											502									
R126	660+50	0°	2											1352									
R126	657+45	0°	1	1										37									
R127	668+00	0°	2											810									
R127	666+00	0°	2										77	261	21			2					
R128	672+65	0°	2											669									
R128	671+04.45	30° 03'46" RT	2			1								162									
R129	677+00	0°	1											83									
R129	676+82.91	29° 41'36" RT	1				1					217	124	114						2			
R130	680+04.58	28° 56'54" RT	1											168									
R130	679+69	0°	1											27									
R131	682+04.43	29° 37'47" RT	1											391									
R131	680+35	0°											1	15	15			1					
R132	685+60.11	29° 46'32" RT				1								189	5			1					
R132	682+50	0°	1											130									
R133	687+30	0°				1								135									
R133	49+10 NE Radius Pride Ave						1							37									
R134	687+30	0°	2											338									
R134	686+51.62	0°	1																				
R135	695+50	0°	2											743									
R135	692+75	0°	1	1										591									
R135	692+50	0°	1											611									
R136	698+50	0°	2	1										1208									
R136	696+24.52	0°												54									
R136	696+23.38	30° 17'51" LT										14	10	84	17				1				
R136a	699+64.22	0°																					
R136a	50+86 Briarwood	11° 51'36" RT					2																
R137	701+50	0°	1											336									
R137	701+00	0°	1											536									
R138	49+23 @ Appr. Rd 699+15	9° 24'36" LT	2											125									
R138	48+45.19 Appr Rd 699+15 RT	11° LT												137									
SHEET TOTAL			55	8	3	2	4	0	0	0	2	525	617	15559	113	0	1	3	2	3	2		

FILE NAME: G:\PLOT\ROO20MSU.DGN

USER: P. Robinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROO20MSU

MicroStation v8.11.7.443

PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2n

SHEET NO.	ITEM CODE	SKEW	12" SLOTTED DRAIN PIPE	STORM SEWER PIPE								SLOPED OUTLET	S & F BOX INLET - OUTLET					MANHOLE TYPE				REMARKS
				6" PVC	15"	18"	24"	27"	30"	36"	42"	15"	18"	24"	30"	36"	A	B	C	C SPECIAL		
			980	3385	521	522	524	525	526	528	529		1432	1450	1451	1452	1453	1756	1761	1767	1770	
	UNIT TO BID			L.F.								EACH										
R139	703+83.46	30°34'53"LT							20							1				1		
R139	703+50	0°				59																
R139	703+08	0°				45																
R140	RT 704+12.83 to LT 47+43.65 N. Main St										163											
R140	LT 703+55.52 to LT 326+64 N. Main St					236																
R141	46+70.54 to 47+15 Pride Avenue RT					105																
R141	710+16	0°									31											
R142	48+89.26 Pride Ave.	0°																				
R142	46+84 Pride Ave.	0°				203																
R143	686+51.62 ML to 51+05.35 Pride Ave.							97														
R143	51+25.83 Pride Ave.	28°23'51"LT				24															1	
R144	52+10 Appr. 693+09	29°03'17"RT				18									1							
R144	52+00 to 54+45 RT at Approach 693+09					78															1	
R145	46+65 Appr. 699+15	0°				59			27							1						
R145	45+70 Appr. 699+15	0°							102							1						
R146	51+58.60 Walgreens	0°				106															1	
R146	51+23.66 Walgreens	10°32'01"RT				30															1	
R147	43+83 N. Main St.	0°				19		98														
R147	43+43 N. Main St.	0°	10	11		30															1	
R147	43+14.94 N. Main St	0°04'52"RT							9												1	
R148	45+66 N. Main St.	0°				14		141														
R148	44+53 N. Main St	0°				67																
R148	44+23 N. Main St	0°						37														
R149	47+00 N. Main St.	0°				49		70														
R149	46+59 N. Main St.	0°						64														
R150	47+43.65 N. Main St.	0°				30" x 30" RCBC															1	
R150	47+25.25 N. Main St to 52+09.37 Chelsea Dr.										166											
R151	49+36 N. Main St. to 49+21.4 N. Main St.		10			131																
R151	RT 705+18 to LT 48+70.02 N. Main St.					71																
R151	48+15 N. Main St.	0°						87														
R152	325+94.25 N. Main St.	25°45'02"RT				70																
R152	49+36 N. Main St. to 706+62.31		10			55																
R153	708+17 NE Radius @ N. Main St.	0°				25																
R153	708+17 to 708+00 @ N. Main St.					17		17														
R153	RT 326+50 N. Main to LT 707+88 to 708+00 NE Rad. @ Main		20			112		32														
R154	331+66.07 N. Main	1°13'25"LT						68													1	
R154	328+60 N. Main	0°				204																1
TOTAL PROJECT			50	11	3710	3704 ①	2375 ②	68	600 ③	412 ④	260 ⑤		1	2	2	4	2	12	2	5	2	

- ① INCLUDES 69 L.F. OF 18-IN. RCP
- ② INCLUDES 49 L.F. OF 24-IN. RCP
- ③ INCLUDES 14 L.F. OF 30-IN. RCP
- ④ INCLUDES 60 L.F. OF 36-IN. RCP
- ⑤ INCLUDES 39 L.F. OF 42-IN. RCP

FILE NAME: G:\PLOT\ROOZONSL.DGN

USER: P Robinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROOZONSU

MicroStation v8.11.7.443

PIPE DRAINAGE SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R20

SHEET NO.	ITEM CODE	SKEW	CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16G	JUNCTION BOX TYPE B 1	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	FABRIC GEO-TEXTILE TY IV FOR PIPE	CHANNEL LINING CLASS III	PIPE CULVERT HEADWALL						15 INCH ENTRANCE PIPE	REMARKS
																15 INCH	18 INCH	24 INCH	30 INCH	36 INCH	42 INCH		
			1456	1490	1499	1538	1559	1577	1580	1581	23952EC	23276EN	2200	2600	2484	1202	1204	1208	1210	1212	1214	440	
		UNIT TO BID	EACH										S. Y.	C. Y.	S. Y.	TON							
R139	703+83.46	30°34'53"LT	1											50									
R139	703+50	0°	1											128									
R139	703+08	0°	1											96									
R140	RT 704+12.83 to		1											459									
	LT 47+43.65 N. Main St																						
R140	LT 703+55.52 to		1											525									
	LT 326+64 N. Main St																						
R141	46+70.54 to 47+15							1						216		1							
	Pride Avenue RT																						
R141	710+16	0°												31						1			
R142	48+89.26 Pride Ave.	0°	1											416									
R142	46+84 Pride Ave.	0°							1					232									
R143	686+51.62 ML to																						
	51+05.35 Pride Ave.																						
R143	51+25.83 Pride Ave.	28°23'51"LT											1	29	38			1					
R144	52+10 Appr. 693+09	29°03'17"RT										20	5	43									
R144	52+00 to 54+45 RT at													410		1							
	Approach 693+09																						
R145	46+65 Appr. 699+15	0°	1	1								282	343	192									
R145	45+70 Appr. 699+15	0°	1									33	8	267									
R146	51+58.60 Walgreens	0°	2											218									
R146	51+23.66 Walgreens	10°32'01"RT												44		1							
R147	43+83 N. Main St.	0°	3											251									
R147	43+43 N. Main St.	0°								1				104									
R147	43+14.94 N. Main St	0°04'52"RT												15									
R148	45+66 N. Main St.	0°	2											165									
R148	44+53 N. Main St	0°	1											138									
R148	44+23 N. Main St	0°	1											81									
R149	47+00 N. Main St.	0°	2				1							267									
R149	46+59 N. Main St.	0°	1											151									
R150	47+43.65 N. Main St.	0°	1																				
R150	47+25.25 N. Main St to													505									
	52+09.37 Chelsea Dr.																						
R151	49+36 N. Main St. to		1							1				306									
	49+21.4 N. Main St.																						
R151	RT 705+18 to						1							146									
	LT 48+70.02 N. Main St.																						
R151	48+15 N. Main St.	0°	1											189									
R152	325+94.25 N. Main St.	25°45'02"RT	1				1							144									
R152	49+36 N. Main St. to									1				133									
	706+62.31																						
R153	708+17 NE Radius @	0°												55		1							
	N. Main St.																						
R153	708+17 to 708+00		2											72									
	@ N. Main St.																						
R153	RT 326+50 N. Main to		1							2				397									
	LT 707+88 to																						
	708+00 NE Rad. @ Main																						
R154	331+66.07 N. Main	1°13'25"LT												18									
R154	328+60 N. Main	0°	1		1									420									
TOTAL PROJECT			83	9	4	2	7	1	1	5	2	860	974	22472	151	3	2	4	2	3	3	188	

860 SY TRM CARRIED OVER TO THE SUMMARY SHEET
974 CY ROADWAY EXCAVATION CARRIED OVER TO THE SUMMARY SHEET

U.S. 41A
PIPE SUMMARY SHEET

FILE NAME: G:\PLOT\RO0200SU.DGN

USER: FCOB900
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO0200SU

MicroStation v8.11.7.443

CONSTRUCTION SCHEDULE FOR STANDARD SIDEWALK			
PLAN SHT NO.	STA. TO STA.	SIDE	QUANTITY (SQ. YD.)
5	638+50 - 640+01.43	LT	83.91
5	640+16.69 - 640+20	LT	7.79
5	640+48 - 640+51.38	LT	7.86
5	640+66.47 - 643+50	LT	157.23
7	643+50 - 646+00.95	LT	139.34
7	646+16.33 - 646+19.98	LT	7.52
7	646+48 - 646+51.38	LT	7.86
7	646+66.47 - 649+50	LT	157.14
9	649+50 - 655+50	LT	333.33
11	655+50 - 656+22.49	LT	40.43
11	657+09.88 - 661+50	LT	244.35
13	661+50 - 663+80.28	LT	128.09
13	664+64.18 - 667+50	LT	157.92
15	667+50 - 671+38.86	LT	214.83
15	672+37.17 - 673+50	LT	62.17
17	673+50 - 678+73.31	LT	290.14
19	679+56.59 - 684+50	LT	274.06
21	684+50 - 685+87.82	LT	76.43
21	686+86.60 - 686+91.41	LT	21.28
21	687+14.11 - 690+50	LT	186.55
21	686+08.80 - 686+66.50	RT	36.07
21	686+83.50 - 690+50	RT	203.61
23	690+50 - 692+84.65	LT	132.00
23	693+26.65 - 696+50	LT	179.64
23	690+50 - 692+65.48	RT	119.71
23	693+52.61 - 696+50	RT	165.37
25	696+50 - 698+70.54	LT	122.29
25	698+85.62 - 698+89	LT	7.86
25	699+29.62 - 699+32.52	LT	8.37
25	699+47.15 - 702+50	LT	168.17
25	696+50 - 698+56.12	RT	114.61
25	698+75.64 - 698+85.67	RT	17.46
25	699+28.49 - 699+35.64	RT	9.52
25	699+52.02 - 702+50	RT	165.73
27	702+50 - 705+13.55	LT	146.77
27	705+31.97 - 705+48.65	LT	10.13
27	707+60.92 - 708+50	LT	54.18
27	702+50 - 704+68.16	RT	128.04
27	706+66.72 - 708+50	RT	108.84
29	708+50 - 713+83.70	LT	295.91
29	708+50 - 710+00	RT	84.58
33	49+16 - 49+38.74	RT	12.63
35	47+21.57 - 48+27.81	LT	57.72
45	42+67.43 - 43+22	LT	30.36
45	43+78 - 44+51.98	LT	41.09
45	43+35.25 - 43+96.54	RT	34.04
45	44+50.46 - 45+00	RT	27.52
47	45+63.92 - 46+41.56	LT	50.02
47	46+83.10 - 48+58.53	LT	108.12
47	45+00 - 45+51.22	LT	28.34
47	46+01.23 - 46+05.20	RT	2.22
47	46+53.96 - 47+47.53	RT	59.33
47	47+80.79 - 49+45.57	RT	103.09
49	326+22.26 - 327+86	LT	163.22
49	328+46 - 330+63	LT	217.91

CONSTRUCTION SCHEDULE FOR STANDARD SIDEWALK			
PLAN SHT NO.	STA. TO STA.	SIDE	QUANTITY (SQ. YD.)
49	330+96.63 - 331+50	LT	53.97
49	WALGREENS ENTRANCE	LT	33.89
49	327+48.17 - 329+15.78	RT	171.76
51	331+50 - 335+81.71	LT	435.78
	TOTAL		6508

CONSTRUCTION SCHEDULE FOR STANDARD SIDEWALK RAMP				
PLAN SHT NO.	STA. TO STA.	SIDE	QUANTITY (SQ. YD.)	DET. WARN. QUANTITY (SQ. FT.)
5	640+01.43 - 640+16.69	LT	15.28	
5	640+15	LT		12
5	640+51.38 - 640+66.47	LT	15.11	
5	640+55	LT		12
7	646+00.95 - 646+16.33	LT	15.11	
7	646+10	LT		12
7	646+51.38 - 646+66.47	LT	15.11	
7	646+55	LT		12
11	656+22.49 - 656+38.37	LT	6.47	
11	656+30	LT		22
11	656+93.82 - 657+09.88	LT	6.67	
11	657+00	LT		22
13	663+80.28 - 663+95.29	LT	5.45	
13	663+85	LT		18
13	664+49.40 - 664+64.18	LT	6.16	
13	664+55	LT		18
15	671+38.86 - 671+55.84	LT	7.18	
15	671+45	LT		18
15	672+22.03 - 672+37.17	LT	6.16	
15	672+30	LT		18
17	678+73.31 - 678+88.32	LT	6.14	
17	678+80	LT		18
17	679+41.68 - 679+50	LT	2.43	
17	679+45	LT		18
19	679+50 - 679+56.59	LT	3.70	
19	679+55	LT		18
21	685+87.82 - 686+05.85	LT	16.70	
21	686+00	LT		60
21	686+91.41 - 687+14.11	LT	21.82	
21	687+00	LT		32
21	686+66.50 - 686+83.50	RT	13.22	
21	686+75	RT		10
23	692+65.48 - 692+81.37	RT	6.47	
23	692+75	RT		22
23	693+36.67 - 693+52.61	RT	6.52	
23	693+45	RT		13
25	698+70.54 - 698+85.62	LT	15.11	
25	698+80	LT		40
25	699+32.52 - 699+47.15	LT	15.43	
25	699+40	LT		15
25	698+56.12 - 698+75.64	RT	15.11	
25	698+65	RT		13
25	699+34.64 - 699+52.02	RT	15.15	
25	699+45	RT		15
27	705+13.55 - 705+31.97	LT	14.33	
27	705+25	LT		11
27	705+48.65 - 705+63.02	LT	15.70	
27	707+55	LT		14
27	707+51.63 - 707+60.92	LT	13.76	
27	707+55	LT		10
27	704+68.16 - 704+76.69	RT	12.77	
27	704+70	RT		10
27	706+52.89 - 706+66.72	RT	13.23	
27	706+60	RT		10
	SUB TOTAL		306.29	433

CONSTRUCTION SCHEDULE FOR DETECTABLE WARNING ON ISLANDS				
PLAN SHT NO.	STATION	SIDE	QUANTITY (SQ. YD.)	DET. WARN. QUANTITY (SQ. FT.)
27	704+97	RT.		10
27	705+22	RT.		10
27	705+27	RT.		10
27	706+30	RT.		10
27	706+47	RT.		10
27	706+52	RT.		10
27	706+73	LT.		10
27	706+79	LT.		10
27	707+25	LT.		10
	TOTAL CARRIED TO GENERAL SUMMARY		306.29	523

FILE NAME: C:\PLOT\RO0200SU.DGN
 USER: rrobinson
 DATE PLOTTED: October 16, 2017
 E-SHEET NAME: RO0200SU
 MicroStation v8.11.7.443

SCALE: 1"=N/A

U.S. 41A
 CONSTRUCTION SCHEDULE SHEET
 FOR SIDEWALKS & RAMPS

PAVEMENT EDGE DRAINS

BEGIN STATION	END STATION	OUTLET	LENGTH PERF PIPE	LENGTH NON-PERF	TYPE HEADWALL			CRUSHED AGG. NO. 2 TONS
					1	2	3	
638+50 LT	639+43 LT	TEMPORARY	93					
639+43 LT	640+21 LT	MH	78					
640+21 LT	642+08 LT	CBI	187					
642+11 LT	643+29LT	CBI	118					
643+32 LT	645+82 LT	CBI	250					
645+87 LT	647+99 LT	CBI	112					
648+02 LT	649+11 LT	CBI	109					
649+14 LT	649+49 LT	CBI	35					
649+52 LT	649+87 LT	CBI	38					
649+90 LT	650+33 LT	CBI	43					
650+38 LT	651+99 LT	CBI	161					
652+02 LT	653+39 LT	CBI	137					
653+44 LT	654+99 LT	CBI	54					
655+02 LT	657+24 LT	CBI	222					
657+27 LT	660+49 LT	CBI	322					
660+52 LT	664+73 LT	CBI	421					
664+76 LT	665+99 LT	CBI	123					
666+02 LT	667+99 LT	CBI	197					
668+02 LT	671+20 LT	CBI	318					
671+24 LT	672+64 LT	CBI	140					
672+67 LT	676+98 LT	CBI	431					
677+02 LT	678+00 LT	CBI	98					
678+00 LT	680+20 LT	PP HDW	220	15	1			1
680+23 LT	682+20 LT	CBI	197					
682+23 LT	685+85 LT	CBI	362					
685+85 LT	687+28 LT	MH	143					
687+31 LT	691+00 LT	CBI	369					
691+00 LT	692+74 LT	CBI	174					
692+77 LT	694+50 LT	PP HDW	173	18		1		1
694+50 LT	695+49 LT	CBI	99					
695+52 LT	697+00 LT	PP HDW	148	18		1		1
697+00 LT	698+49 LT	CBI	149					
698+52 LT	701+49 LT	CBI	297	18		1		1
701+52 LT	703+07 LT	CBI	155					
703+10 LT	703+54 LT	MH	44					
703+56 LT	705+65 LT	MH	209					
708+02 LT	708+16 LT	CBI	14					
708+18 LT	708+33 LT	CBI	15					
708+36 LT	710+00 LT	CBI	164					
710+00 LT	711+35 LT	PP HDW	135	15	1			1
638+50 RT	639+43 RT	TEMPORARY	93					
639+43 RT	639+97 RT	CBI	54					
639+97 RT	643+18 RT	CBI	321					
643+22 RT	644+50 RT	PP HDW	128	13	1			1
644+50 RT	645+83 RT	CBI	133					
645+86 RT	647+99 RT	CBI	213					
648+02 RT	649+11 RT	CBI	109					
649+14 RT	649+49 RT	CBI	35					
649+52 RT	649+87 RT	CBI	38					
649+90 RT	650+69 RT	CBI	79					

BEGIN STATION	END STATION	OUTLET	LENGTH PERF PIPE	LENGTH NON-PERF	TYPE HEADWALL			CRUSHED AGG. NO. 2 TONS
					1	2	3	
650+74 RT	651+58 RT	CBI	84					
651+62 RT	653+05 RT	CBI	143					
653+10 RT	654+98 RT	CBI	188					
655+01 RT	657+23 RT	CBI	222					
657+26 RT	660+48 RT	CBI	322					
660+51 RT	664+73 RT	CBI	422					
664+76 RT	665+98 RT	CBI	122					
666+01 RT	667+98 RT	CBI	197					
668+01 RT	670+84 RT	CBI	283					
670+89 RT	672+67 RT	CBI	178					
672+70 RT	676+98 RT	CBI	428					
677+01 RT	678+00 RT	CBI	99					
678+00 RT	679+68 RT	PP HDW	168	18		1		1
679+71 RT	681+00 RT	CBI	129					
681+00 RT	682+49 RT	PP HDW	149	15		1		1
682+51 RT	684+00 RT	CBI	149					
684+00 RT	685+32 RT	PP HDW	132	15		1		1
685+32 RT	686+50 RT	MH	118					
686+53 RT	687+29 RT	CBI	76					
687+32 RT	691+00 RT	CBI	368					
691+00 RT	693+49 RT	CBI	249					
693+52 RT	695+49 RT	CBI	197					
695+52 RT	696+45 RT	MH	93					
696+45 RT	698+49 RT	CBI	204					
698+52 RT	700+99 RT	CBI	247					
701+02 RT	703+49 RT	CBI	247					
703+52 RT	704+11 RT	CBI	59					
704+15 RT	704+66 RT	CBI	61					
MAIN STREET								
42+68 LT	43+42 LT	DBI	74					
43+45 LT	43+82 LT	CBI	37					
43+84 LT	44+21 LT	CBI	37					
44+24 LT	45+64 LT	CBI	140					
45+67 LT	46+98 LT	CBI	131					
47+01 LT	47+71 LT	CBI	70					
47+76 LT	48+68 LT	CBI	100					
326+24 LT	326+61 LT	CBI	37					
326+65 LT	328+80 LT	CBI	215					
328+83 LT	329+80 LT	CBI	97					
43+37 RT	43+82 RT	CBI	45					
43+84 RT	44+51 RT	CBI	67					
44+54	46+57 RT	CBI	203					
46+60 RT	48+13 RT	CBI	153					
48+16 RT	49+19 RT	CBI	106					
327+25 RT	328+68 RT	CBI	189					
TOTAL			14992	145	1	4	4	9

FILE NAME: C:\PLOT\ROO2ORSU.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROO2ORSU

MicroStation v8.11.7.443

U.S. 41A
PAVEMENT EDGE DRAINS

SCALE: 1"= 1

PAVEMENT ELEVATION

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2+

STATION	LEFT			CENTER		RIGHT		
	DISTANCE	PROP. ELEV.	EX. ELEV.	PROP. ELEV.	EX. ELEV.	DISTANCE	PROP. ELEV.	EX. ELEV.
713+84	30.19	486.31	486.31	485.43	485.43	30.73	484.52	484.52
713+50	30.27	485.27	485.25	484.45	484.42	30.55	483.43	482.43
713+00	30.49	483.50	483.54	482.83	482.78	30.61	481.84	481.84
712+50	30.50	481.77	481.74	481.21	481.17	30.52	480.47	480.47
712+00	30.84	480.05	480.05	479.59	479.55	30.53	479.03	479.04
711+50	30.40	478.23	478.34	478.05	477.99	30.64	477.40	477.40
711+00	30.38	476.42	476.67	476.51	476.5	30.51	475.84	475.84
710+50	30.41	474.56	474.84	474.97	474.94	30.56	474.27	474.27
710+00	30.58	473.06	473.06	473.46	473.39	30.49	472.75	472.75
709+50	31.96	471.74	471.47	472.20	472.04	30.51	471.59	470.38
709+00	36.02	470.71	470.26	471.21	470.9	30.51	470.60	470.34
708+50	40.35	469.90	469.42	470.50	470.06	30.51	469.89	469.60
708+00	45.78	469.40	468.33	470.07	469.68	30.51	469.46	469.15
707+50	53.11	469.62	467.72	469.91	469.37	30.51	469.30	468.45
707+00	38.92	470.38	468.93	470.00	469.34	31.00	469.38	468.46
706+50	38.74	471.02	470.27	470.12	469.49	31.00	469.40	469.02
706+00	41.00	471.19	470.55	470.24	469.71	31.00	469.52	469.04
705+50	41.00	471.31	469.53	470.36	469.72	29.39	469.68	469.23
705+00	36.86	471.12	469.31	470.48	469.81	35.57	469.77	469.22
704+50	34.88	471.02	469.71	470.62	470.14	37.06	469.88	469.31
704+00	33.72	471.11	470.12	470.92	470.53	35.66	470.21	469.73
703+50	32.73	471.42	470.58	471.42	470.99	34.97	470.72	470.15
703+00	31.65	471.93	471.25	472.12	471.77	34.20	471.43	470.85
702+50	30.95	472.64	472.02	473.01	472.39	33.25	472.35	471.66
702+00	30.19	473.57	473.03	474.10	473.65	32.79	473.45	472.81
701+50	28.80	474.79	474.27	475.37	474.97	32.25	474.73	474.07
701+00	27.78	476.10	475.47	476.66	476.26	31.93	476.02	475.24
700+50	26.71	477.31	476.74	477.84	477.44	31.61	476.90	476.49
700+00	25.91	478.50	477.96	479.02	478.63	31.22	478.40	477.79
699+50	24.89	479.72	479.24	480.22	479.75	30.95	479.60	479.19
699+00	24.02	480.94	480.50	481.42	481.07	30.83	480.80	480.21
698+50	23.29	482.23	481.80	482.70	482.32	31.43	482.08	481.13
698+00	22.57	483.52	482.93	483.97	483.55	30.86	483.35	482.64
697+50	21.68	484.82	484.44	485.25	484.84	26.76	484.71	484.15
697+00	20.69	486.06	485.59	486.47	485.97	21.85	486.03	485.40
696+50	19.80	487.18	486.62	487.57	486.96	18.43	486.80	486.49
696+00	19.12	488.18	487.51	488.56	487.95	17.74	488.21	487.53
695+50	18.32	489.08	488.46	489.44	488.89	17.28	489.10	488.58
695+00	17.51	489.91	489.43	490.26	489.87	17.09	489.92	489.41
694+50	16.97	490.69	490.29	491.03	490.62	17.18	490.68	490.19
694+00	16.57	491.36	490.77	491.69	491.33	17.18	491.35	490.79
693+50	16.30	491.93	491.35	492.25	491.83	17.11	491.91	491.41
693+00	16.41	492.39	491.86	492.71	492.35	17.35	492.37	491.85

FILE NAME: C:\PLOT\RO020TSU.DGN

USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: RO020TSU

MicroStation v8.11.7.443

SCALE: 1"= 1

U.S. 41A
PAVEMENT ELEVATION

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R2u

GENERAL NOTES

PROPOSAL ATTACHMENTS

SPECIAL NOTES

- SPECIAL NOTE FOR PIPELINE INSPECTION
- SPECIAL NOTE IIF FOR TURF REINFORCING MAT
- SPECIAL NOTE FOR INLAID PAVEMENT MARKERS

SPECIAL PROVISIONS

N/A

GENERAL PROVISIONS

165 BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHOM DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190 DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREA(S) UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICE(S) CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

444 ASPHALT PAVEMENT RIDE QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY A SHALL APPLY.

447 COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH (25 MM) OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

455 EDGE KEY

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH AND WIDTH AS DETAILED ELSEWHERE IN THE PLANS SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. THE CONTRACT UNIT PRICE BID LINEAR FOOT (PER METER) FOR "EDGE KEY" INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL.

650 STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-3670

PROJECT SPECIFIC NOTES

REMOVAL OF R/W FENCE WITHIN OR OUTSIDE OF CONSTRUCTION LIMITS SHALL BE INCIDENTAL TO THE LUMP SUM BID ITEM "CLEARING AND GRUBBING"

USE A MATERIAL TRANSFER VEHICLE ACCORDING TO SECTION 403.03.05A OF THE STANDARD SPECIFICATIONS.

FILE NAME: C:\PLOT\RO020UGN.DGN

USER: rrobinson
DATE PLOTTED: October 19, 2017

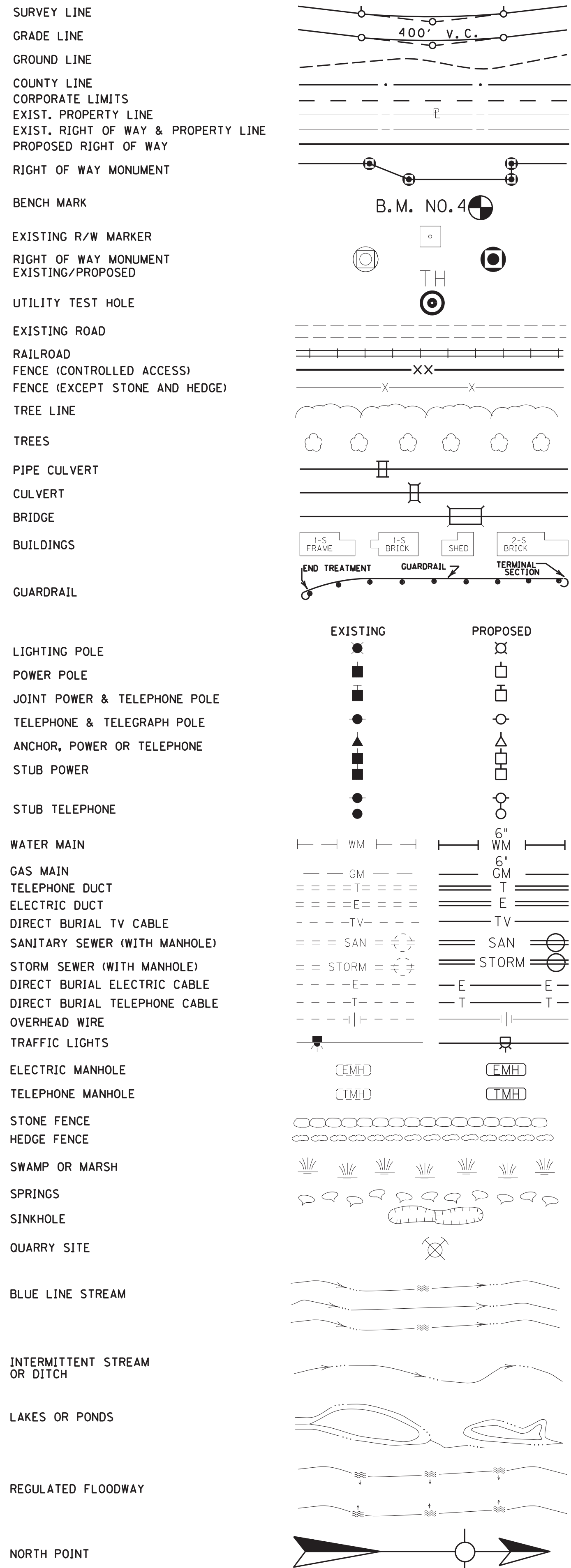
E-SHEET NAME: RO020UGN

MicroStation v8.11.7.443

SCALE: 1"= 1'

U.S. 41A
GENERAL NOTES SHEET

CONVENTIONAL SIGNS



GAS
Atmos Energy
3275 Highland Pointe Dr.
Owensboro, KY 42303
Phone: (270) 685-8009
Contact: Clay McRae
(270) 929-5686 (cell)

Texas Gas Corporation
3800 Fredrica St.
Owensboro, KY 42304
Phone: (270) 205-6221
Contact: Gordon Wicke

ELECTRIC
Kenergy
6402 Old Corydon Rd.
Henderson, KY 42419
Phone: (270) 826-3991
Contact: John Newland

Kentucky Utilities Company (Transmission)
195 Hubert Reid Rd.
Earlington, KY 42410
Phone: (270) 383-6011
Contact: Terry Moore

City of Madisonville (electric)
900 McCoy Ave.
P.O. Box 705
Madisonville, KY 42431
Phone: (270) 824-2120
Contact: Bill Jackson

TELEPHONE
Bell South Telecommunications, Inc.
1050 Island Ford Rd.
Madisonville, KY 42431
Phone: (270) 825-7808
Contact: Michael Wilson

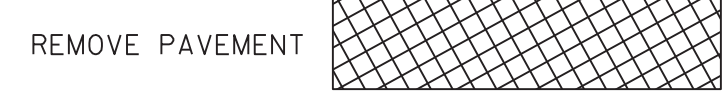
CABLE
NewWave Communications (Cable TV)
250 Madison Square Dr.
Madisonville, KY 42431
Phone: (270) 881-9018
Contact: Mike Wisotzkey

Mediacom
90 North Main St.
Benton, KY 42025
Phone: (270) 527-9939 Ext. 212
Contact: Albert Gaborialt
(270) 339-6040 (cell)

WATER
Nebo Water District
P.O. Box 147
Nebo, KY 42441
Phone: (270) 249-3709
Contact: Jim Short
(270) 339-7516 (cell)

City of Madisonville
900 McCoy Ave.
P.O. Box 705
Madisonville, KY 42431
Phone: (270) 824-2120
Contact: Bill Jackson

SEWER
City of Madisonville
900 McCoy Ave.
P.O. Box 705
Madisonville, KY 42431
Phone: (270) 824-2120
Contact: Bill Jackson

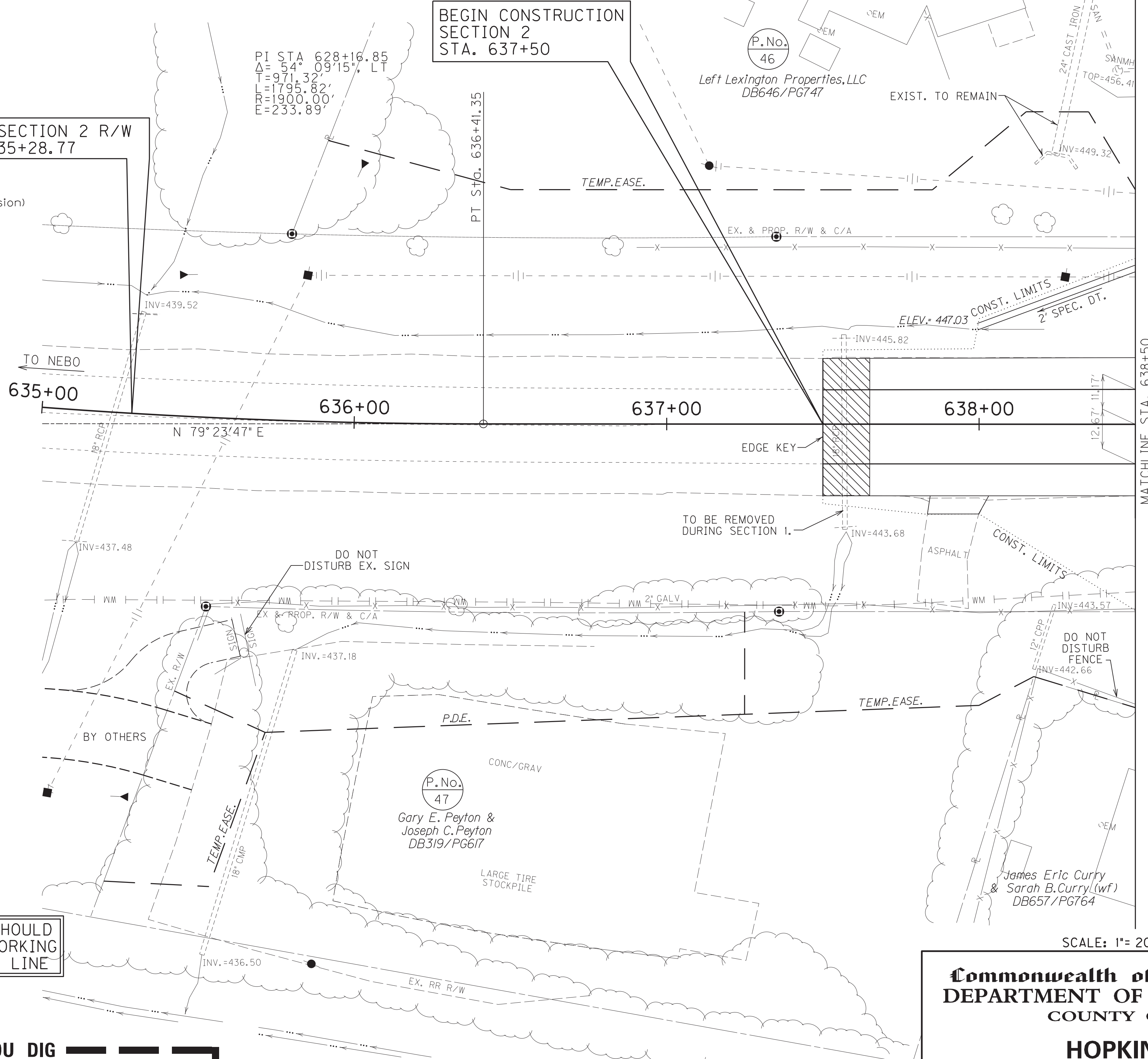


WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

BEFORE YOU DIG

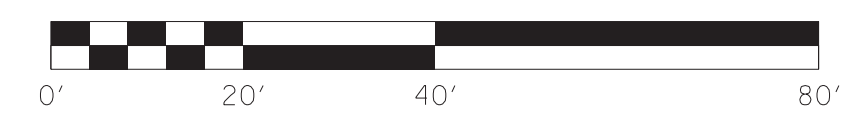
CALL 1-800-752-6007 TOLL FREE A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATION FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH SUBSCRIBE TO THE BEFORE-U-DIG (BUD) SERVICE. COORDINATE EXCAVATION WITH ALL UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. SHOW ALL UTILITIES AND A CONTACT PERSON FOR EACH COMPANY ON SHEET NO. 3 OF THE PLANS.

DITCH CONSTRUCTION LT C			
STA. TO STA.	SIZE/TYPE	CHANNEL LINING	
		TYPE	DEPTH QUANTITY
638+00-638+50	2' FB SPEC	ECB	1 56 SY



LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	ENTRANCES					PIPE (DIA. - LENGTH)
			SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TBB)	
637+92 RT.	16.50		12	1	2	3		OIN. - 0 FT.

EDGE KEY
Sta. 637+50 to Sta. 637+65
Construct Edge Key 44 L.F.



SCALE: 1" = 20'

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
HOPKINS
US 41A (DIXON RD.)

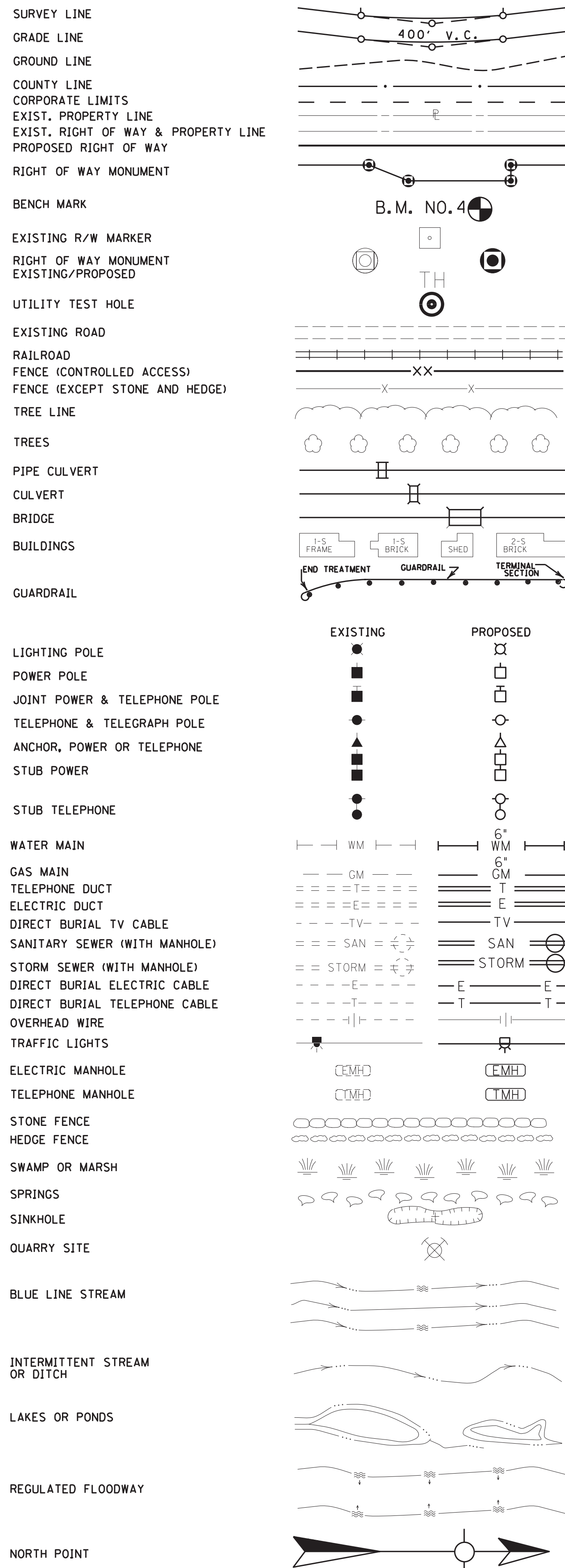
PROJECT 2-137.20
NUMBERS: FD04 SPP 054 041A 000-002

MAINLINE PLAN SHEET
STA. 637+50 TO STA. 638+50

FILE NAME: G:\PLOT\00300PL.DGN
USER: rrobinson
DATE PLOTTED: October 10, 2017
E-SHEET NAME: R00300PL
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R3a

CONVENTIONAL SIGNS

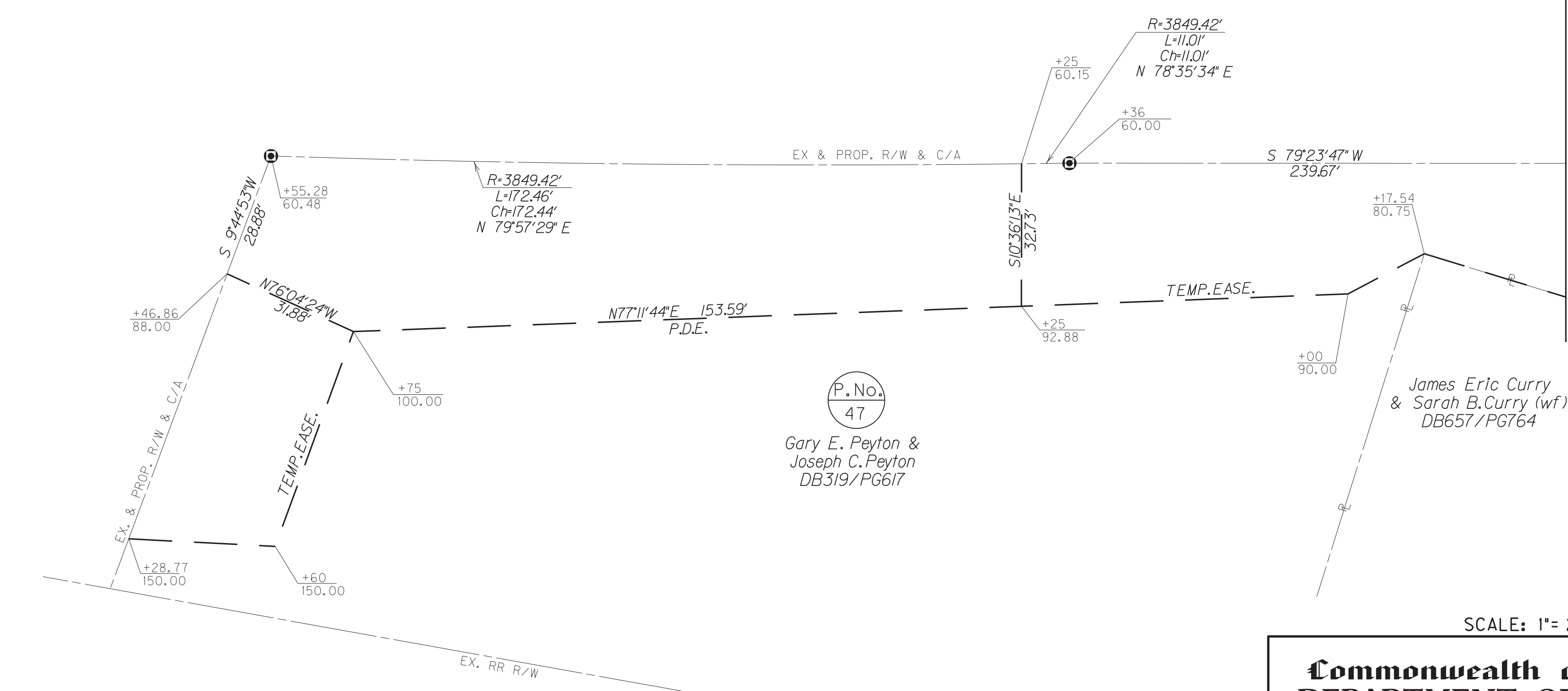
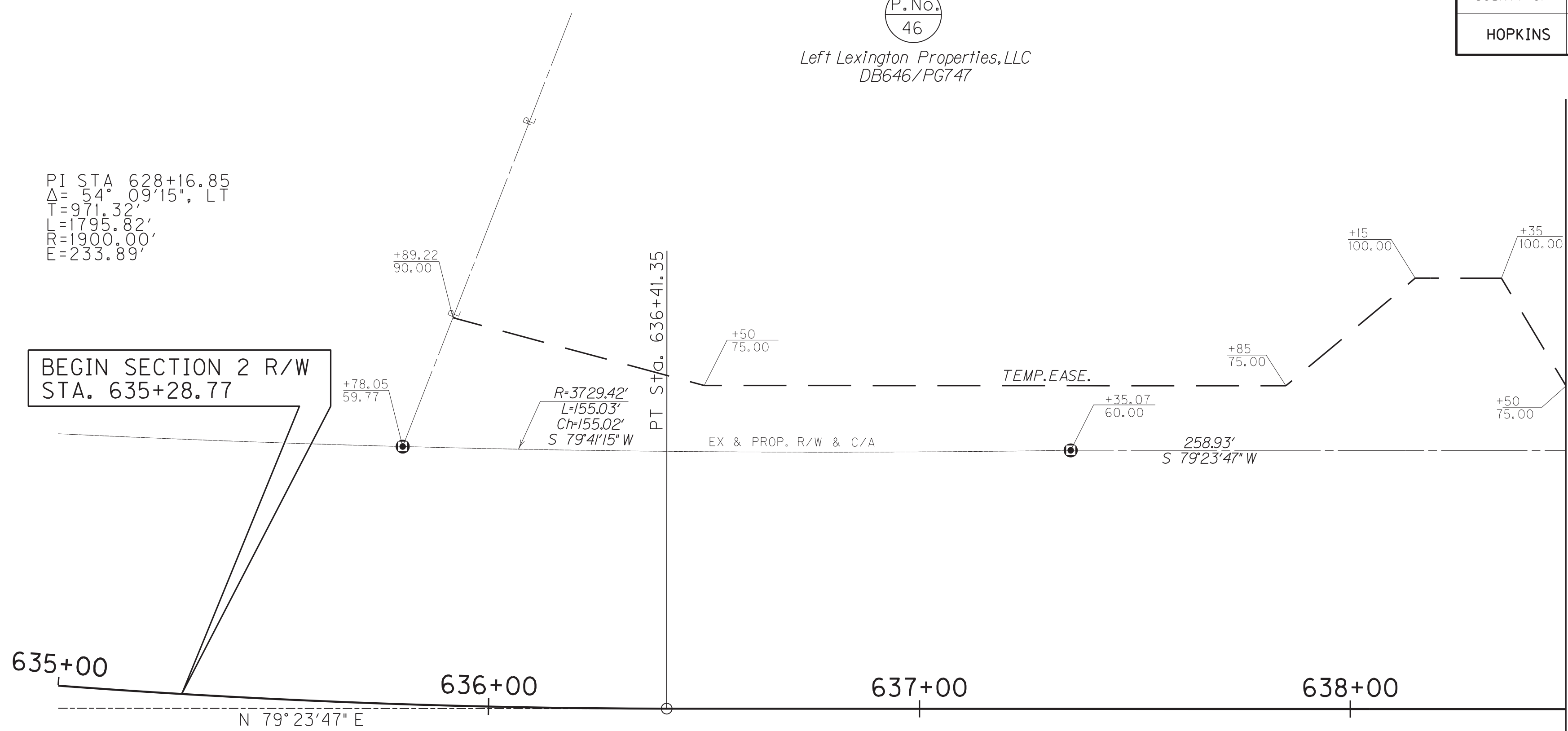


P.No. 46

Left Lexington Properties, LLC
DB646/PG747

PI STA 628+16.85
 $\Delta = 54^\circ 09' 15''$, LT
 $T = 971.32'$
 $L = 1795.82'$
 $R = 1900.00'$
 $E = 233.89'$

BEGIN SECTION 2 R/W
STA. 635+28.77



P.No. 47

Gary E. Peyton & Joseph C. Peyton
DB319/PG617

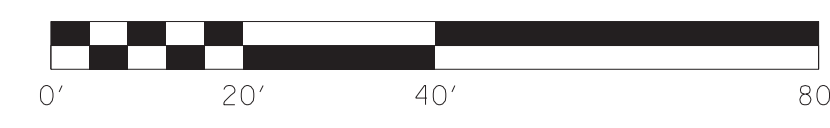
James Eric Curry & Sarah B. Curry (wf)
DB657/PG764

SCALE: 1" = 20'

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
HOPKINS
US 41A (DIXON RD.)

PROJECT 2-137.20
NUMBERS: FD04 SPP 054 041A 000-002

MAINLINE R/W DETAIL PLAN SHEET
STA. 635+28.77 TO STA. 638+50



FILE NAME: G:\3485-HOPKINS\41A\PHASE2\SECTION2\SHEETS2\RW DETAIL PLANS2\34852PLO03A.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: R0030APL
MicroStation v8.11.7.443

MATCHLINE STA. 638+50

MicroStation v8.11.7.443
 E-SHEET NAME: R00400PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R00400PF.DGN



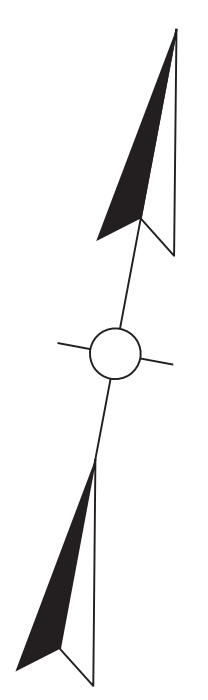
SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
MAINLINE
 STA. 635+00 TO STA. 638+50

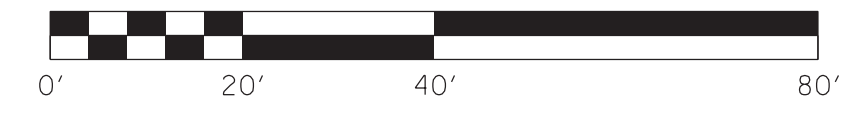
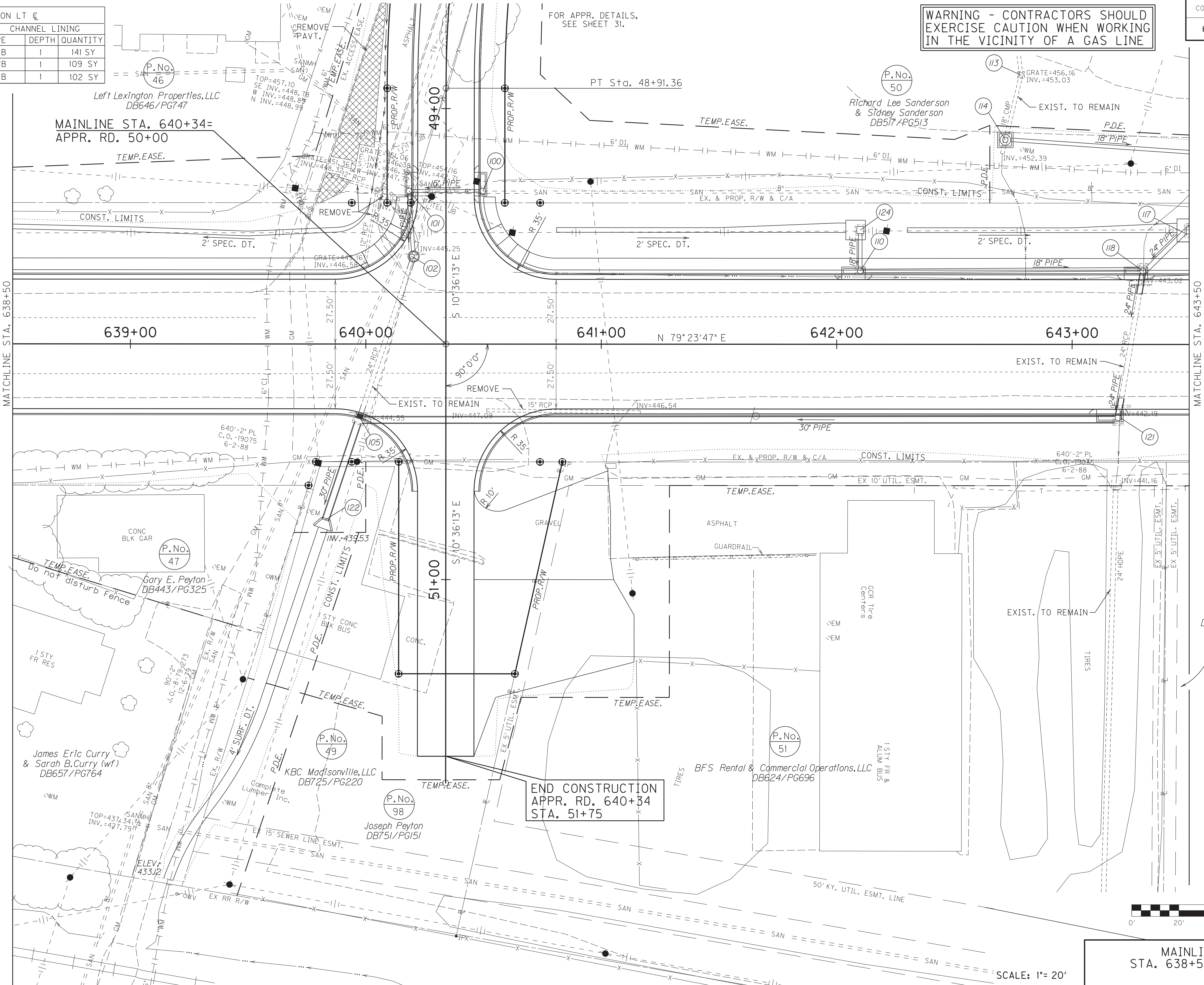
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R5

DITCH CONSTRUCTION LT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
638+50-640+02	2' FB SPEC	ECB	1	141 SY
640+81-642+04	2' FB SPEC	ECB	1	109 SY
642+30-643+44	2' FB SPEC	ECB	1	102 SY

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



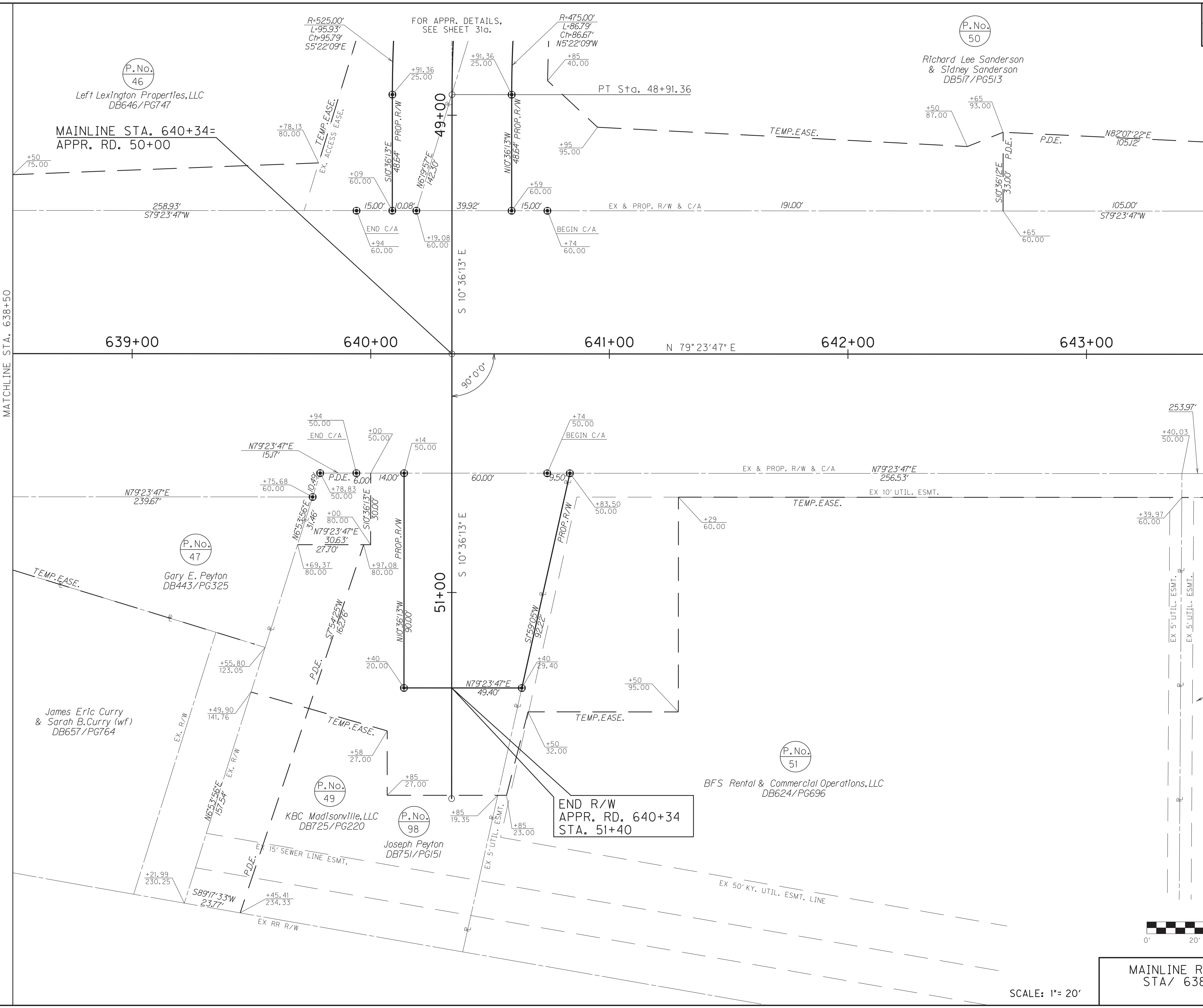
FILE NAME: C:\PLOT\R00500PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: R00500PL
 MicroStation v8.11.7.443



**MAINLINE PLAN SHEET
STA. 638+50 TO STA. 643+50**
SCALE: 1"= 20'

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R5a

FILE NAME: C:\PLOT\RO050APL.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO050APL
 MicroStation v8.11.7.443



(P.No. 46)
 Left Lexington Properties, LLC
 DB646/PG747

(P.No. 50)
 Richard Lee Sanderson
 & Sidney Sanderson
 DB517/PG513

(P.No. 47)
 Gary E. Peyton
 DB443/PG325

James Eric Curry
 & Sarah B. Curry (wf)
 DB657/PG764

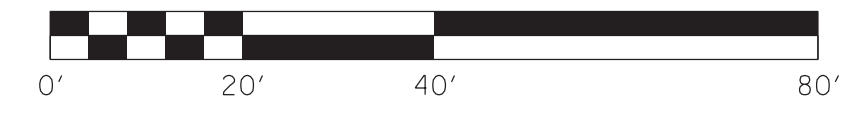
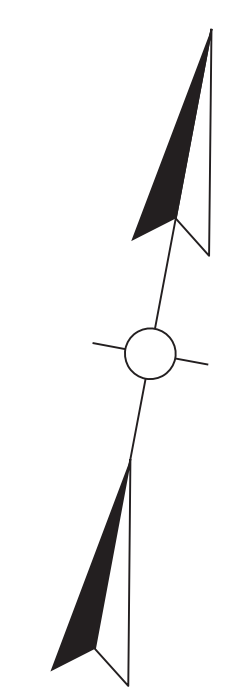
(P.No. 49)
 KBC Madisonville, LLC
 DB725/PG220

(P.No. 98)
 Joseph Peyton
 DB751/PG151

(P.No. 51)
 BFS Rental & Commercial Operations, LLC
 DB624/PG696

(P.No. 52)
 Ronald Lee Sanders Sr.
 & Alice M. Sanders (wf)
 DB624/PG310, DB618/PG017,
 BD581/PG402

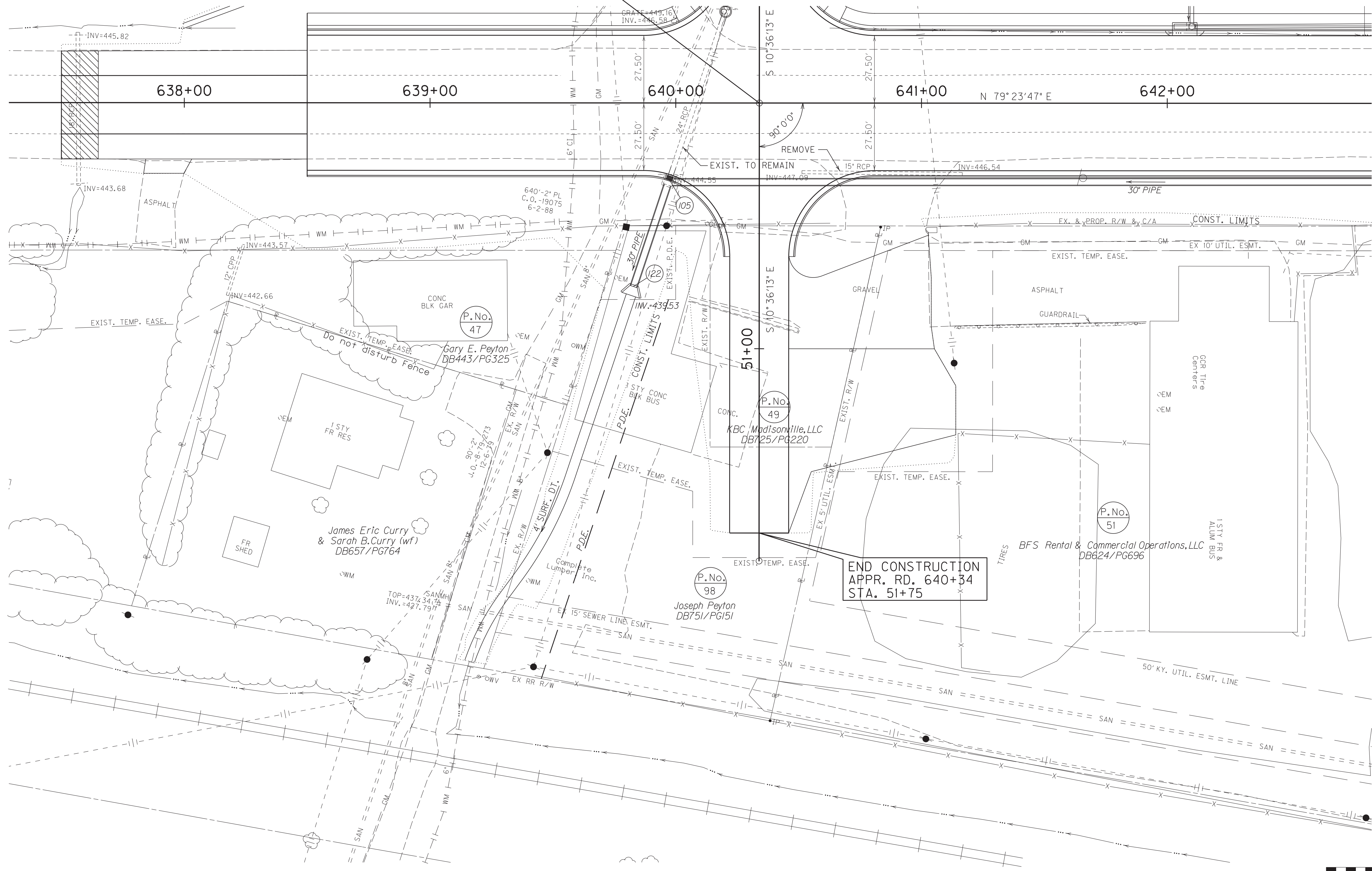
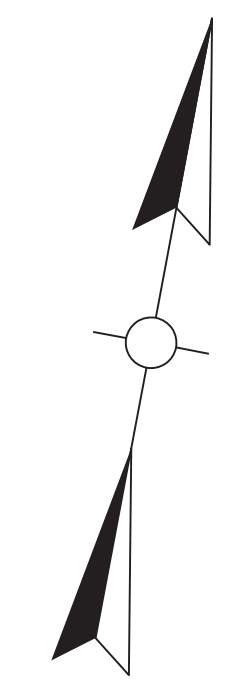
END R/W
 APPR. RD. 640+34
 STA. 51+40



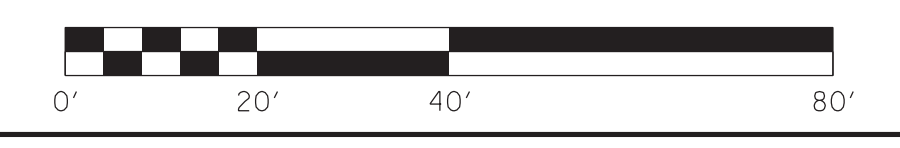
MAINLINE R/W DETAIL PLAN SHEET
 STA/ 638+50 TO STA. 643+50

SCALE: 1"= 20'

MAINLINE STA. 640+34=
APPR. RD. 50+00



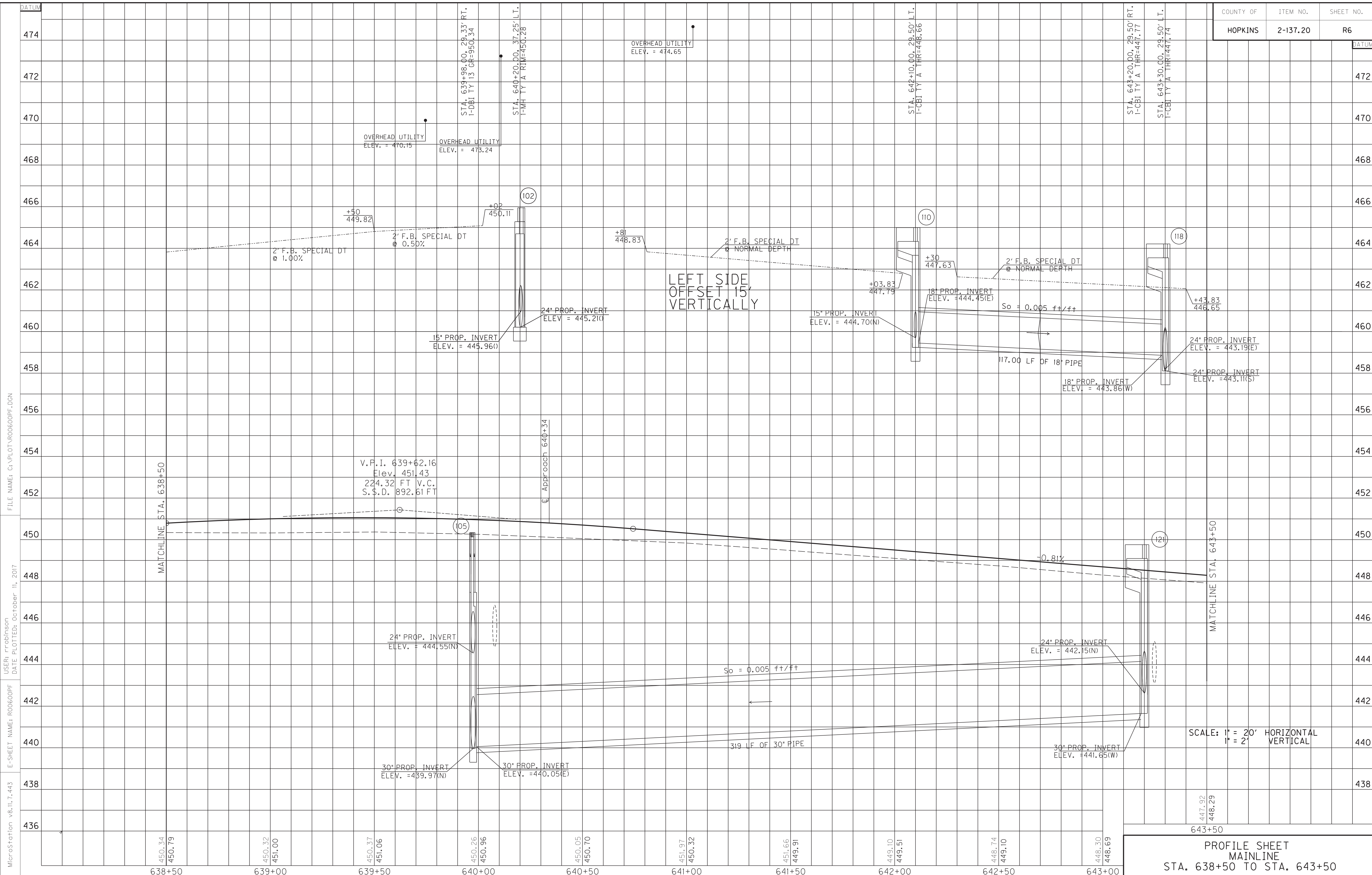
END CONSTRUCTION
APPR. RD. 640+34
STA. 51+75



FILE NAME: C:\PLOT\RO050BPL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO050BPL
 MicroStation v8.11.7.443

SCALE: 1"= 20'

PARCEL 98 DETAIL SHEET



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
MAINLINE
STA. 638+50 TO STA. 643+50

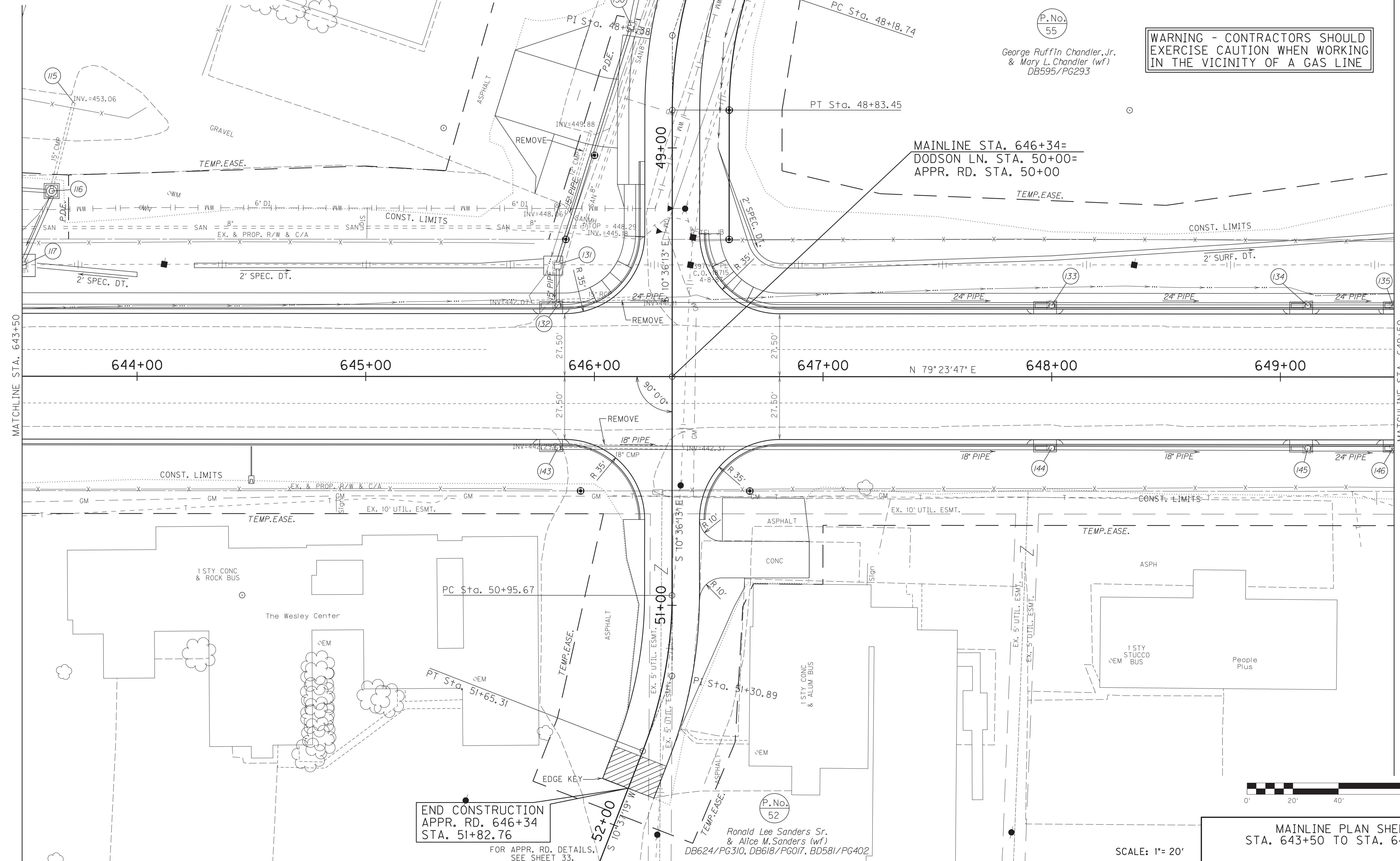
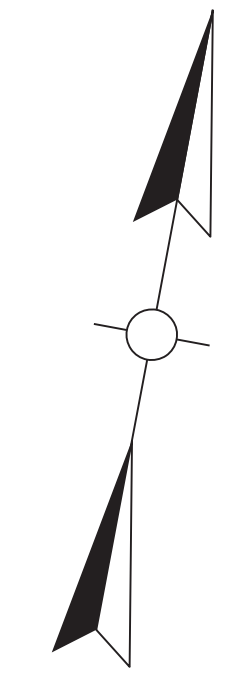
MicroStation v8.11.7.443
 E-SHEET NAME: R06600PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R06600PF.DGN

DITCH CONSTRUCTION LT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
643+56-644+00	2'FB SPEC	ECB	1	45 SY
644+25-645+78	2'FB SPEC	ECB	1	153 SY
646+73-647+00	2'FB SPEC	ECB	1	31 SY
647+00-649+50	2'FB SURF	ECB	1	278 SY

P.No. 50
 Richard Lee Sanderson
 & Sidney Sanderson
 DB517/PG513

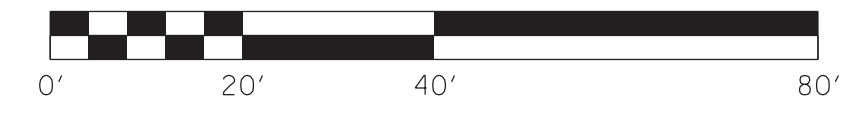
P.No. 55
 George Ruffin Chandler, Jr.
 & Mary L. Chandler (wf)
 DB595/PG293

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



END CONSTRUCTION
 APPR. RD. 646+34
 STA. 51+82.76

P.No. 52
 Ronald Lee Sanders Sr.
 & Alice M. Sanders (wf)
 DB624/PG310, DB618/PG017, BD581/PG402



MAINLINE PLAN SHEET
 STA. 643+50 TO STA. 649+50

SCALE: 1" = 20'

FILE NAME: G:\PLOT\ROOT00PL.DGN

USER: rrobinson
 DATE PLOTTED: October 10, 2017

E-SHEET NAME: ROOT00PL

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R7a

P.No.
55

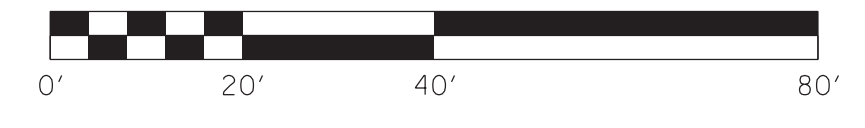
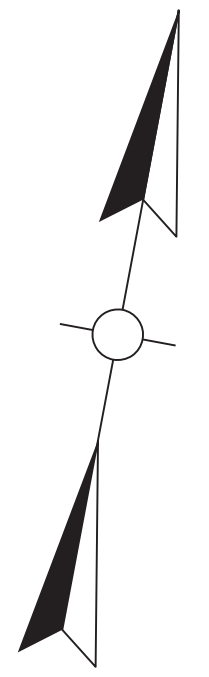
George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293

P.No.
50

Richard Lee Sanderson
& Sidney Sanderson
DB517/PG513

P.No.
52

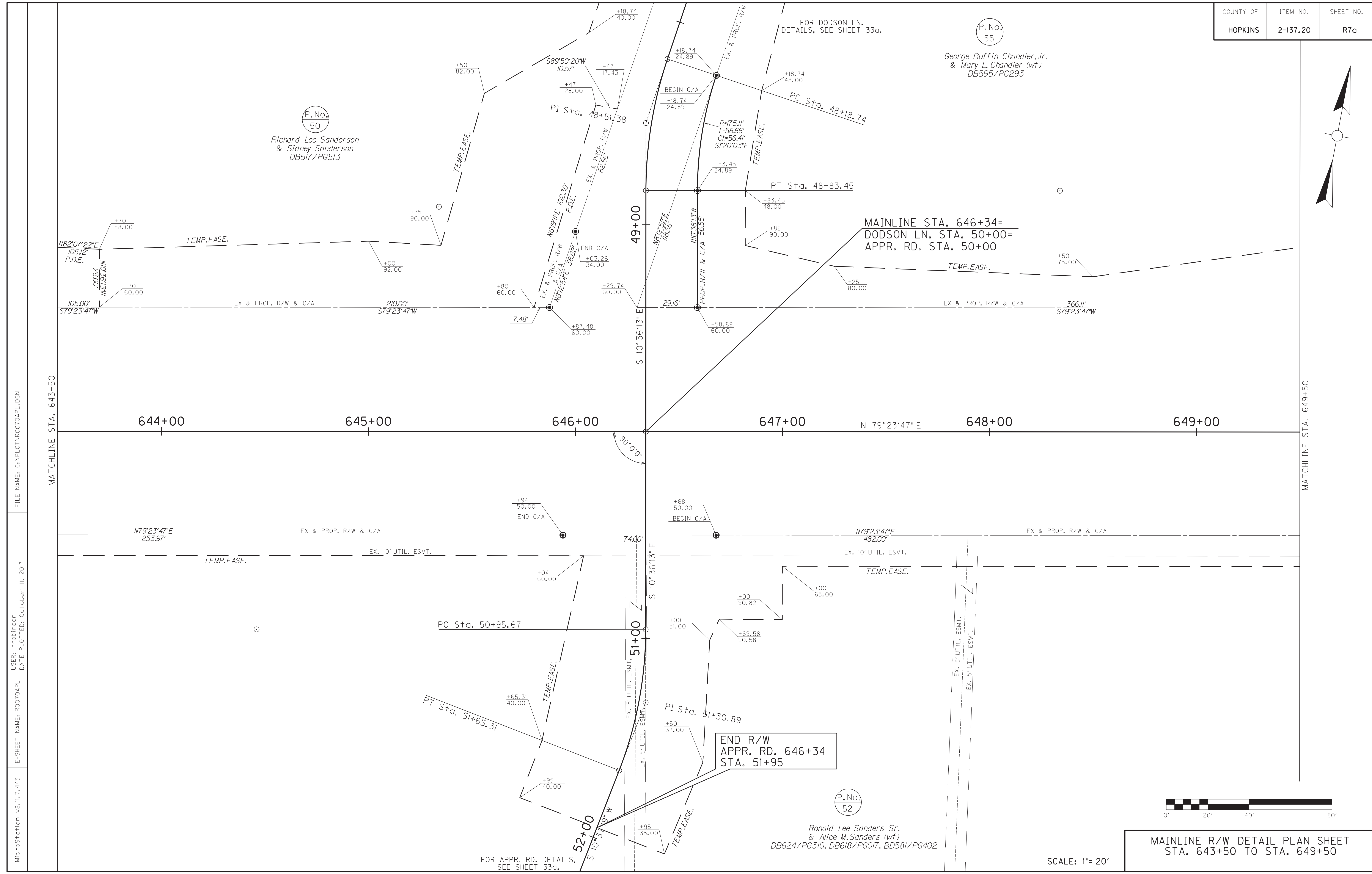
Ronald Lee Sanders Sr.
& Alice M. Sanders (wf)
DB624/PG310, DB618/PG017, BD581/PG402



MAINLINE R/W DETAIL PLAN SHEET
STA. 643+50 TO STA. 649+50

SCALE: 1"= 20'

FOR APPR. RD. DETAILS,
SEE SHEET 33a.



FILE NAME: C:\PLOT\ROOT070APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

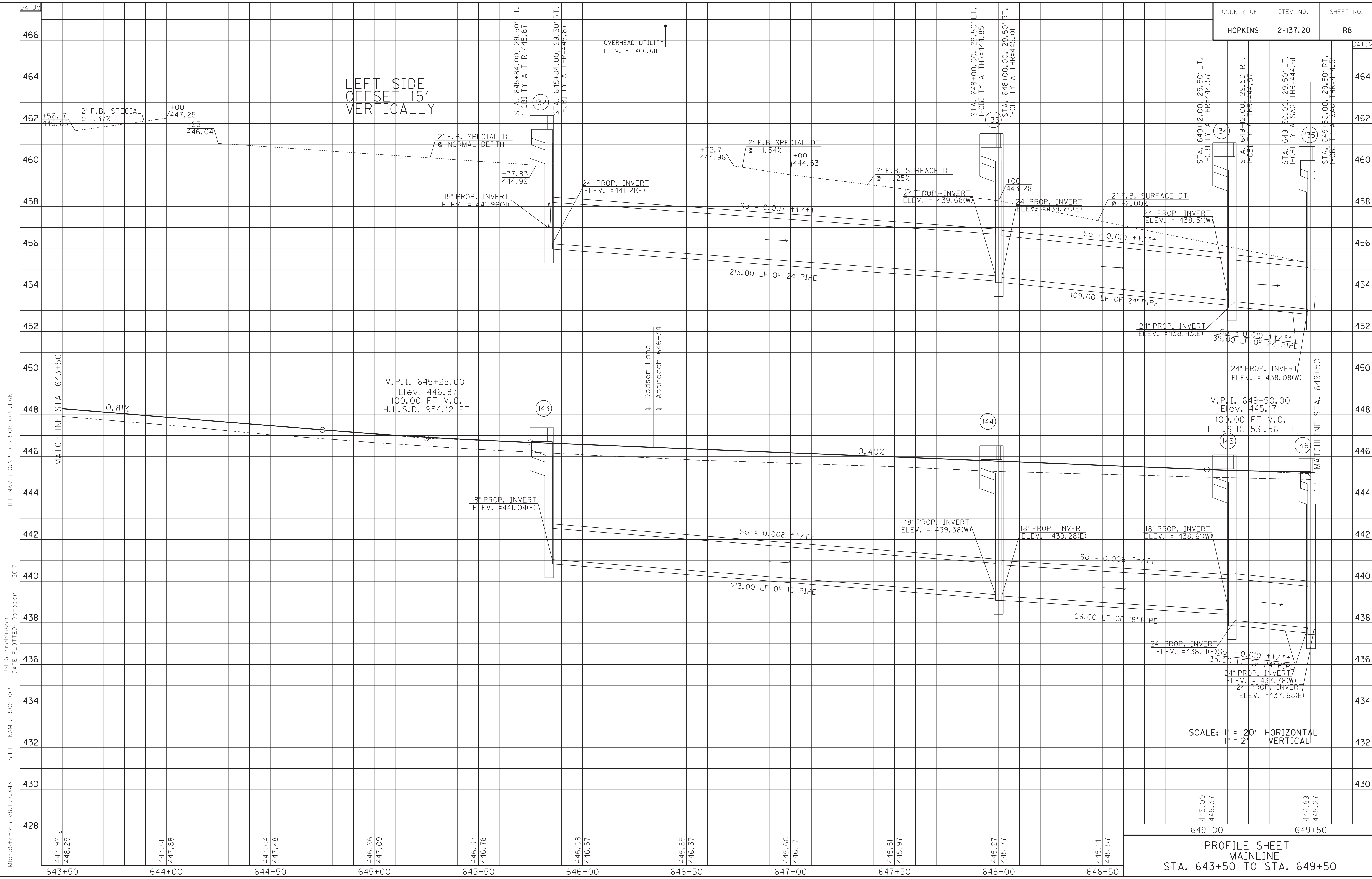
E-SHEET NAME: ROOT070APL

MicroStation v8.11.7.443

MATCHLINE STA. 643+50

MATCHLINE STA. 649+50

MicroStation v8.11.7.443

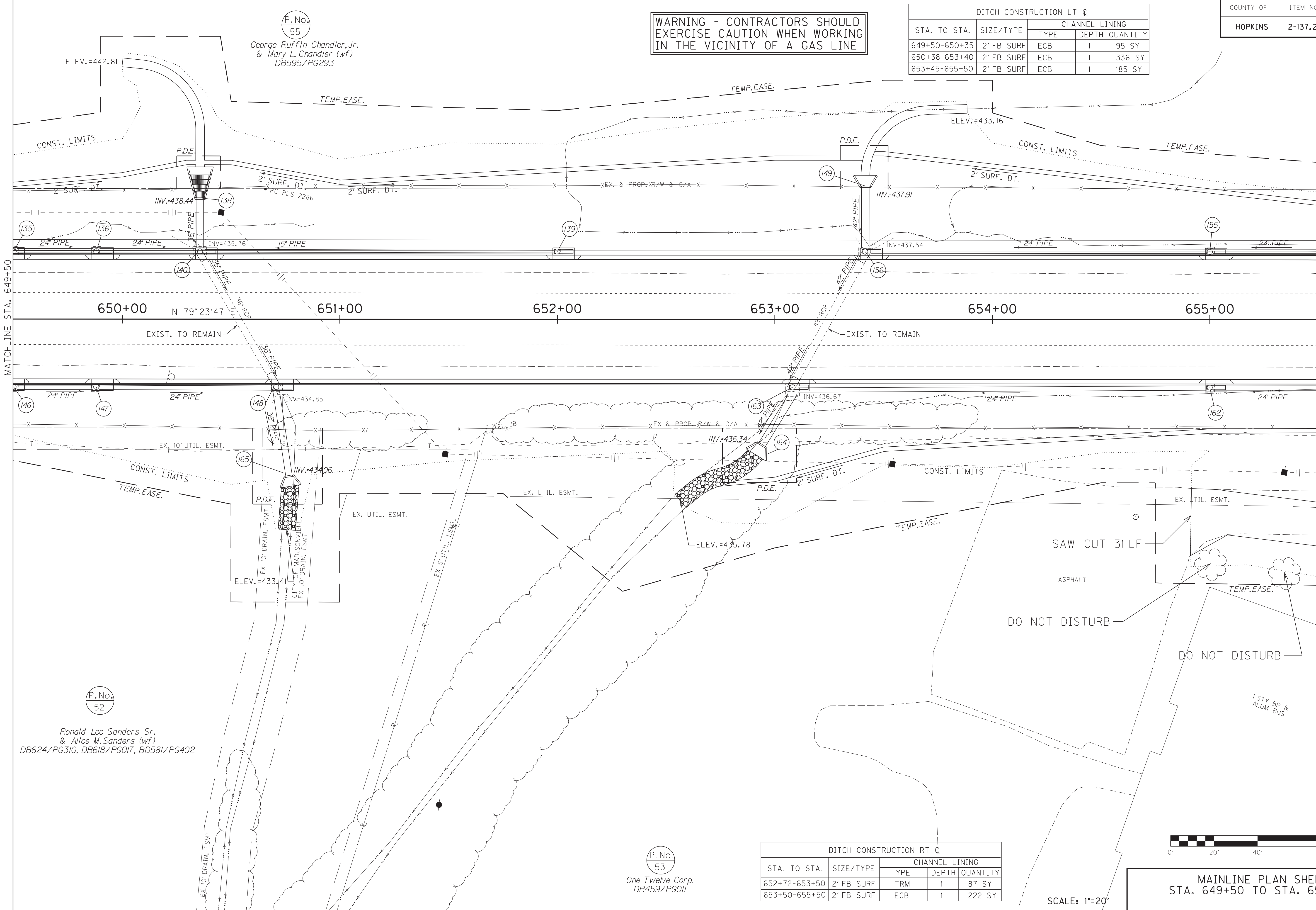


MicroStation v8.11.7.443
 E-SHEET NAME: R00800PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R00800PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL
 PROFILE SHEET
 MAINLINE
 STA. 643+50 TO STA. 649+50

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
649+50-650+35	2' FB SURF	ECB	1	95 SY
650+38-653+40	2' FB SURF	ECB	1	336 SY
653+45-655+50	2' FB SURF	ECB	1	185 SY



P.No. 55

George Ruffin Chandler, Jr. & Mary L. Chandler (wf)
DB595/PG293

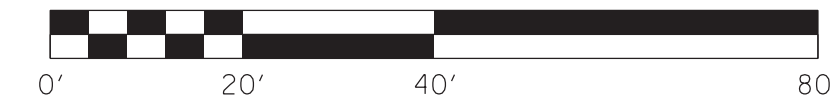
P.No. 52

Ronald Lee Sanders Sr. & Alice M. Sanders (wf)
DB624/PG310, DB618/PG017, BD581/PG402

P.No. 53

One Twelve Corp.
DB459/PG011

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
652+72-653+50	2' FB SURF	TRM	1	87 SY
653+50-655+50	2' FB SURF	ECB	1	222 SY



MAINLINE PLAN SHEET
STA. 649+50 TO STA. 655+50

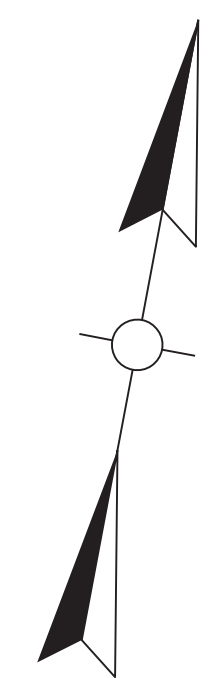
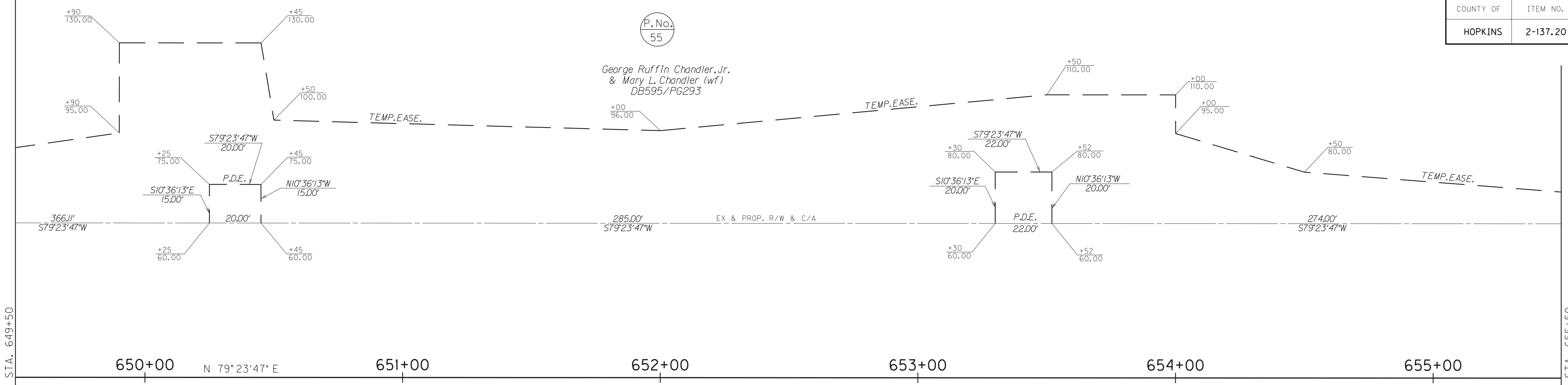
SCALE: 1"=20'

FILE NAME: C:\PLOT\RO0900PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO0900PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R9a

P.No.
55

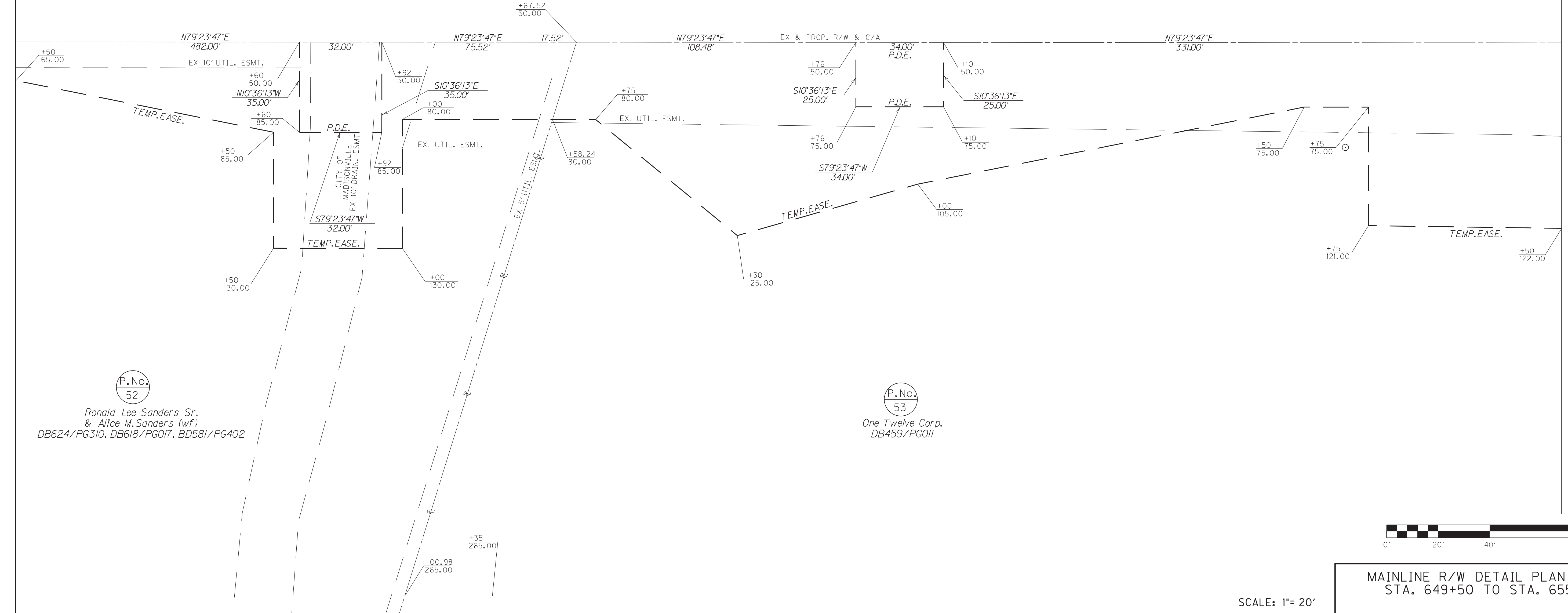
George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293



MATCHLINE STA. 649+50

650+00 N 79° 23' 47" E 651+00 652+00 653+00 654+00 655+00

MATCHLINE STA. 655+50

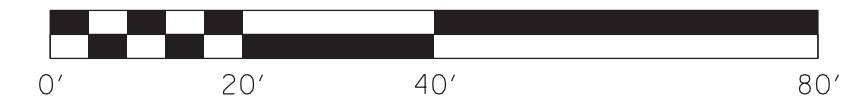


P.No.
52

Ronald Lee Sanders Sr.
& Alice M. Sanders (wf)
DB624/PG310, DB618/PG017, BD581/PG402

P.No.
53

One Twelve Corp.
DB459/PG011



MAINLINE R/W DETAIL PLAN SHEET
STA. 649+50 TO STA. 655+50

SCALE: 1"= 20'

FILE NAME: C:\PLOT\RO090APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO090APL

MicroStation v8.11.7.443

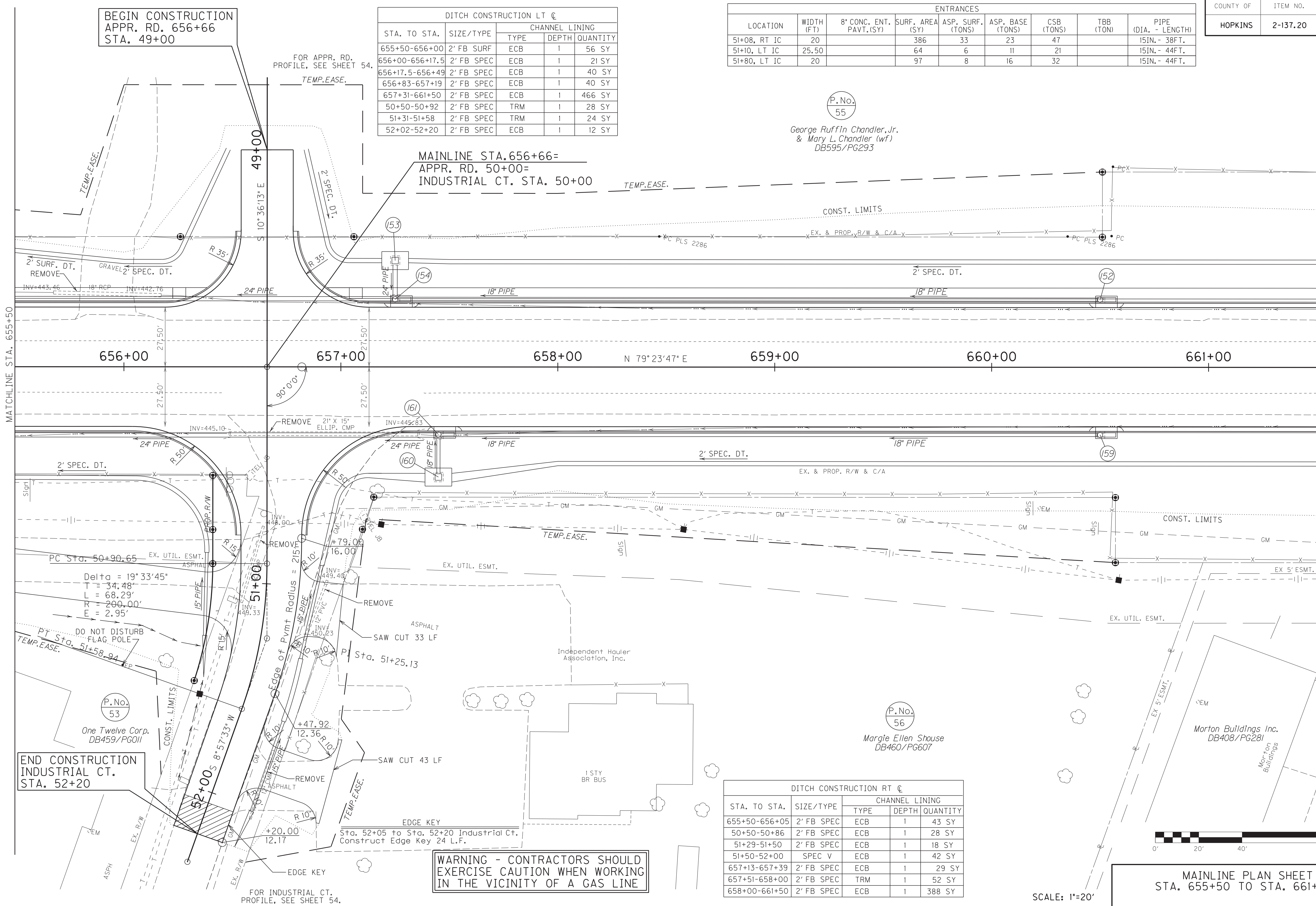
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	ENTRANCES					PIPE (DIA. - LENGTH)
			SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TON)	
51+08, RT IC	20		386	33	23	47		15IN. - 38FT.
51+10, LT IC	25.50		64	6	11	21		15IN. - 44FT.
51+80, LT IC	20		97	8	16	32		15IN. - 44FT.

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
655+50-656+00	2' FB SURF	ECB	1	56 SY
656+00-656+17.5	2' FB SPEC	ECB	1	21 SY
656+17.5-656+49	2' FB SPEC	ECB	1	40 SY
656+83-657+19	2' FB SPEC	ECB	1	40 SY
657+31-661+50	2' FB SPEC	ECB	1	466 SY
50+50-50+92	2' FB SPEC	TRM	1	28 SY
51+31-51+58	2' FB SPEC	TRM	1	24 SY
52+02-52+20	2' FB SPEC	ECB	1	12 SY

P.No. 55

George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293

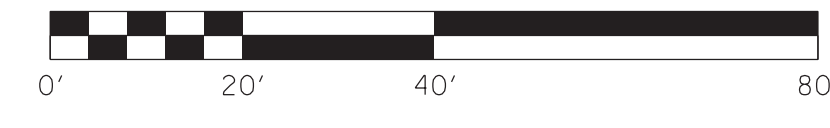
BEGIN CONSTRUCTION
APPR. RD. 656+66
STA. 49+00



STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
655+50-656+05	2' FB SPEC	ECB	1	43 SY
50+50-50+86	2' FB SPEC	ECB	1	28 SY
51+29-51+50	2' FB SPEC	ECB	1	18 SY
51+50-52+00	SPEC V	ECB	1	42 SY
657+13-657+39	2' FB SPEC	ECB	1	29 SY
657+51-658+00	2' FB SPEC	TRM	1	52 SY
658+00-661+50	2' FB SPEC	ECB	1	388 SY

END CONSTRUCTION
INDUSTRIAL CT.
STA. 52+20

WARNING - CONTRACTORS SHOULD
EXERCISE CAUTION WHEN WORKING
IN THE VICINITY OF A GAS LINE



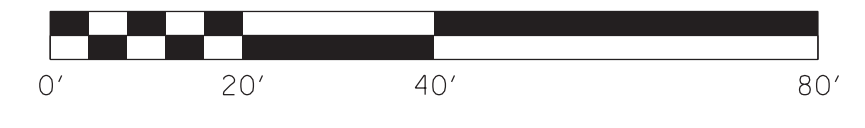
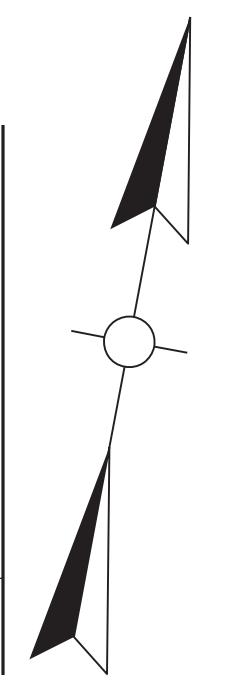
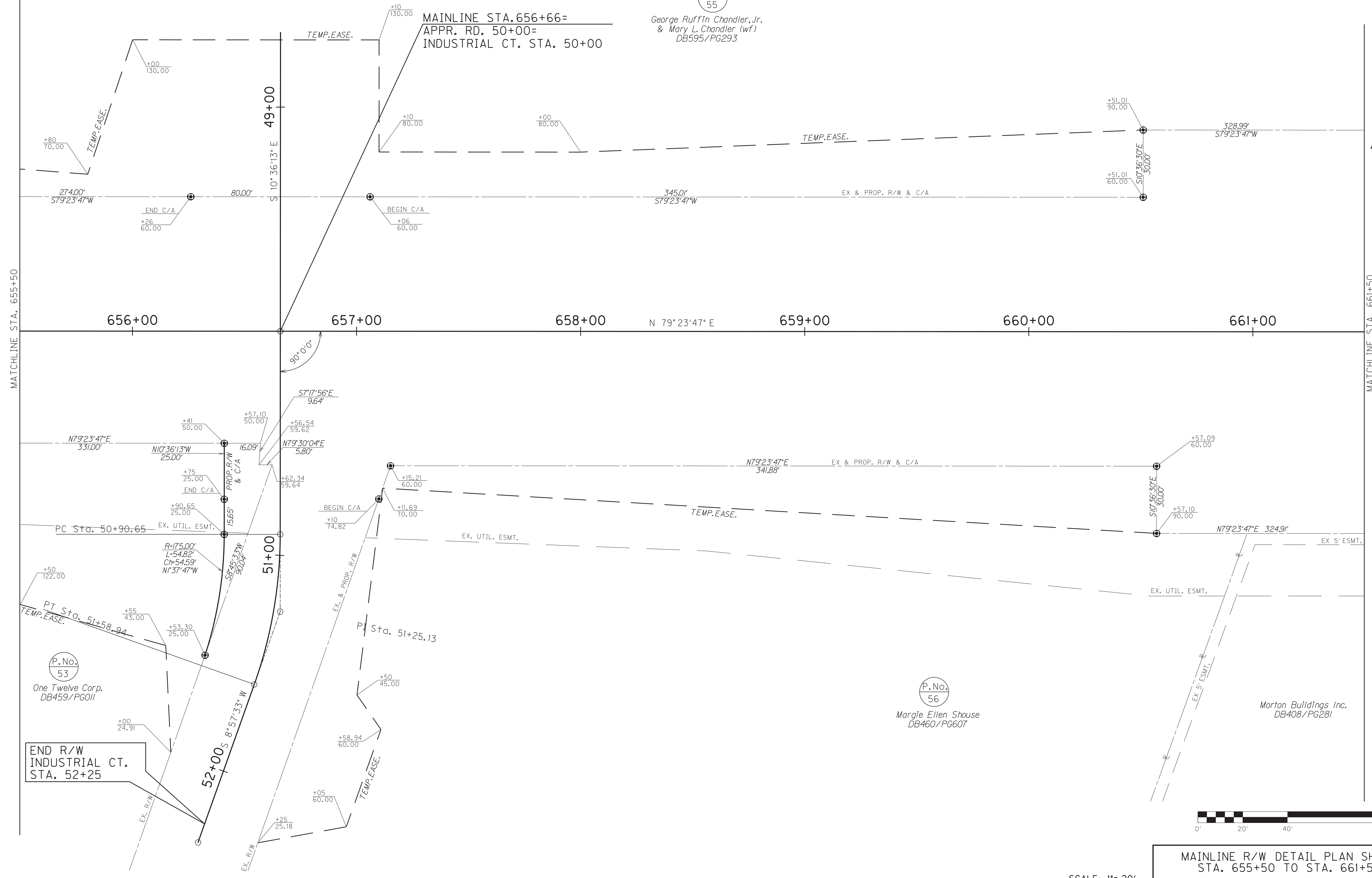
SCALE: 1"=20'
MAINLINE PLAN SHEET
STA. 655+50 TO STA. 661+50

FILE NAME: C:\PLOT\ROI100PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: ROI100PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R11a

P.No.
55

George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293



MAINLINE R/W DETAIL PLAN SHEET
STA. 655+50 TO STA. 661+50

SCALE: 1"= 20'

FILE NAME: C:\PLOT\RO10AFL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO10AFL

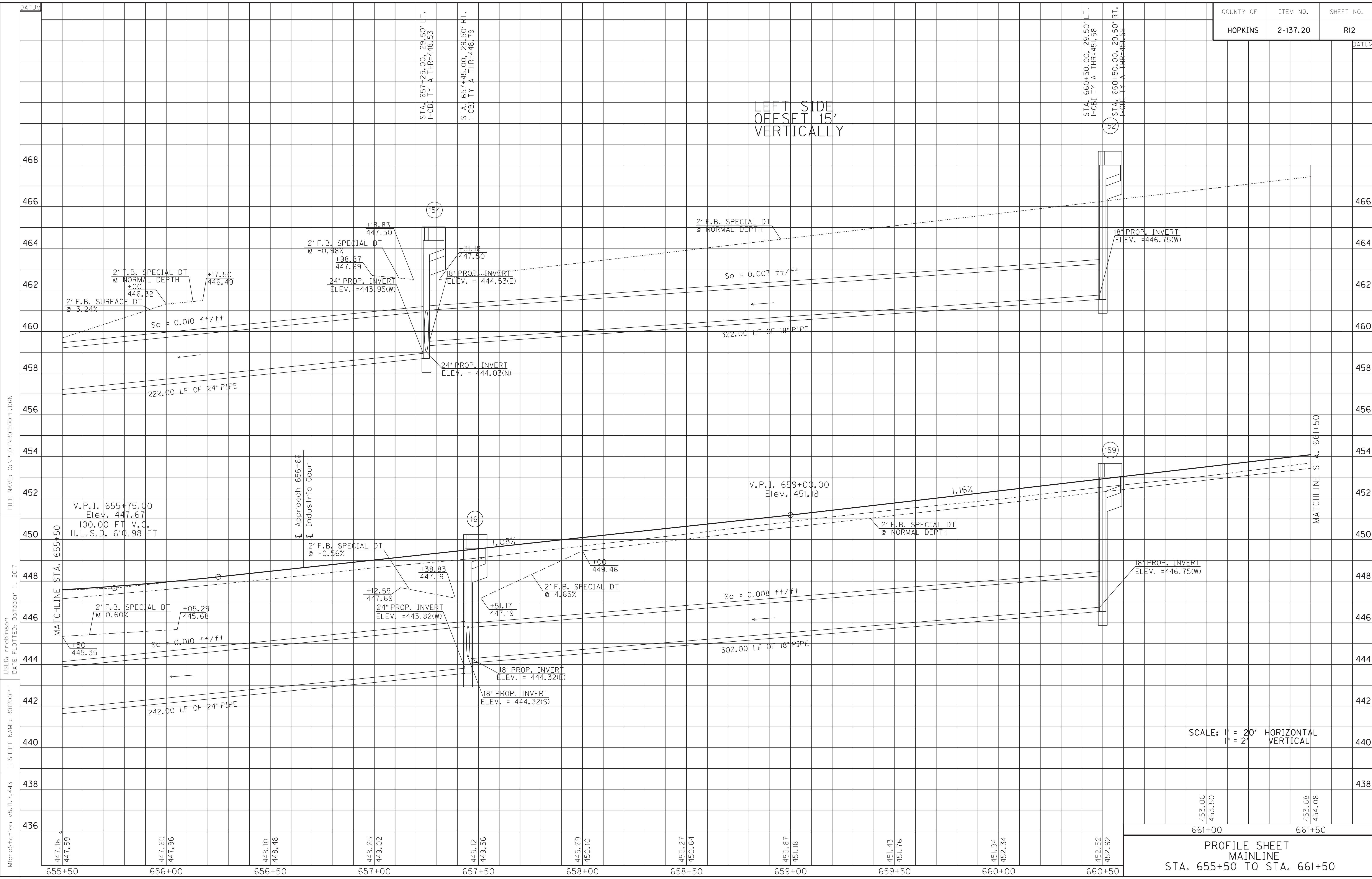
MicroStation v8.11.7.443

END R/W
INDUSTRIAL CT.
STA. 52+25

P.No.
53
One Twelve Corp.
DB459/PG011

P.No.
56
Margie Ellen Shouse
DB460/PG607

Morton Buildings Inc.
DB408/PG281



LEFT SIDE
OFFSET 15'
VERTICALLY

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
MAINLINE
STA. 655+50 TO STA. 661+50

MicroStation v8.11.7.443
 E-SHEET NAME: R0200PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R0200PF.DGN

DATUM

DATUM

STA. 657+25.00, 29.50' LT.
I-CBI TY A THR=448.153

STA. 657+45.00, 29.50' RT.
I-CBI TY A THR=448.79

STA. 660+50.00, 29.50' LT.
I-CBI TY A THR=451.58

STA. 660+50.00, 29.50' RT.
I-CBI TY A THR=451.58

Approach 656+66
Industrial Court

MATCHLINE STA. 661+50

655+50	656+00	656+50	657+00	657+50	658+00	658+50	659+00	659+50	660+00	660+50
447.16	447.60	448.10	448.65	449.12	449.69	450.27	450.87	451.43	451.94	452.52
447.59	447.96	448.48	449.02	449.56	450.10	450.64	451.18	451.76	452.34	452.92

453.06	453.50	453.68	454.08
661+00	661+50	661+50	661+50

DITCH CONSTRUCTION LT @				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
661+50-663+96	2' FB SPEC	ECB	1	274 SY
49+02-49+10	SPEC V	ECB	1	17 SY
49+10-49+46	2' FB SPEC	ECB	1	51 SY
664+50-666+00	2' FB SPEC	ECB	1	200 SY
666+00-667+00	2' FB SPEC	TRM	1	111 SY
667+00-667+50	2' FB SPEC	ECB	1	56 SY

P.No. 55
 George Ruffin Chandler, Jr.
 & Mary L. Chandler (wf)
 DB595/PG293

SAFELOAD
 STA. 665+83
 Safeload Ex. 24' RCP - 7.21 C.Y.

P.No. 61
 City of Madisonville
 DB 687/PG 775

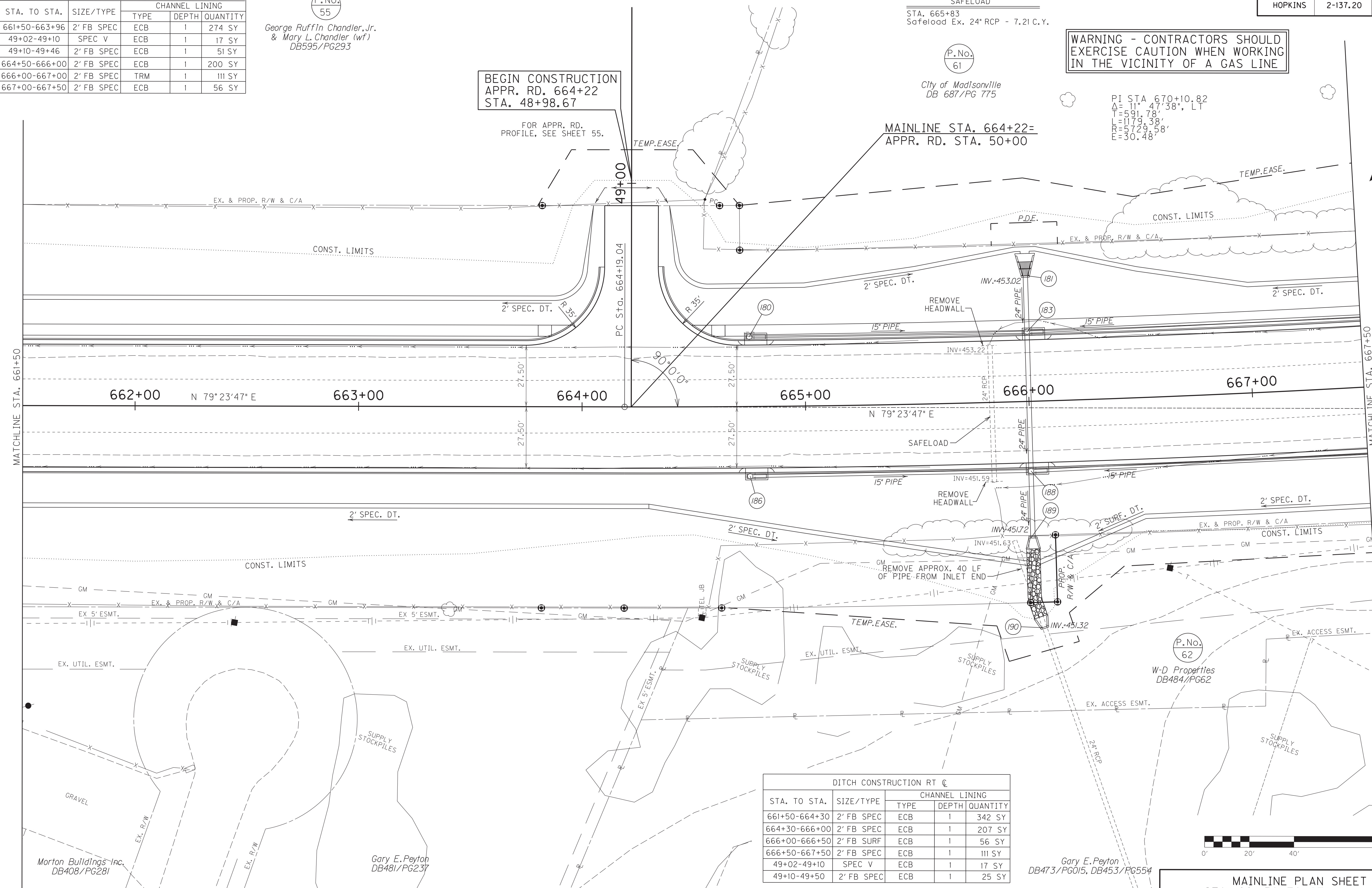
WARNING - CONTRACTORS SHOULD
 EXERCISE CAUTION WHEN WORKING
 IN THE VICINITY OF A GAS LINE

PI STA 670+10.82
 Δ = 11° 47' 38", LT
 T = 599.78'
 L = 1179.38'
 E = 5729.58'
 E = 30.48'

BEGIN CONSTRUCTION
 APPR. RD. 664+22
 STA. 48+98.67

FOR APPR. RD.
 PROFILE, SEE SHEET 55.

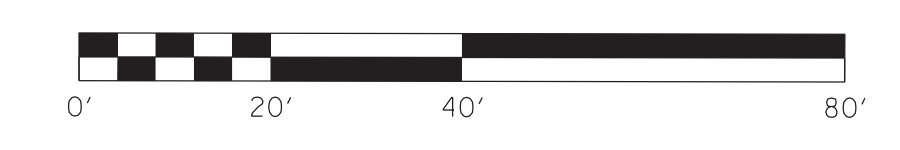
MAINLINE STA. 664+22=
 APPR. RD. STA. 50+00



DITCH CONSTRUCTION RT @				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
661+50-664+30	2' FB SPEC	ECB	1	342 SY
664+30-666+00	2' FB SPEC	ECB	1	207 SY
666+00-666+50	2' FB SURF	ECB	1	56 SY
666+50-667+50	2' FB SPEC	ECB	1	111 SY
49+02-49+10	SPEC V	ECB	1	17 SY
49+10-49+50	2' FB SPEC	ECB	1	25 SY

P.No. 62
 W-D Properties
 DB484/PG62

Gary E. Peyton
 DB473/PG015, DB453/PG554



MAINLINE PLAN SHEET
 STA. 661+50 TO STA. 667+50

SCALE: 1" = 20'

FILE NAME: C:\PLOT\ROI300PL.DGN

USER: rrobinson
 DATE PLOTTED: October 10, 2017

E-SHEET NAME: ROI300PL

MicroStation v8.11.7.443

Morton Buildings Inc.
 DB408/PG281

Gary E. Peyton
 DB481/PG237

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R13a

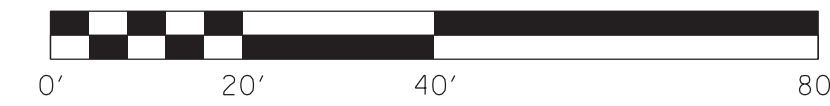
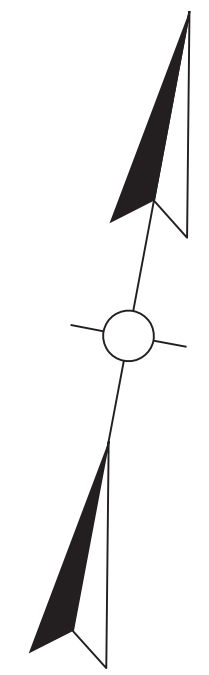
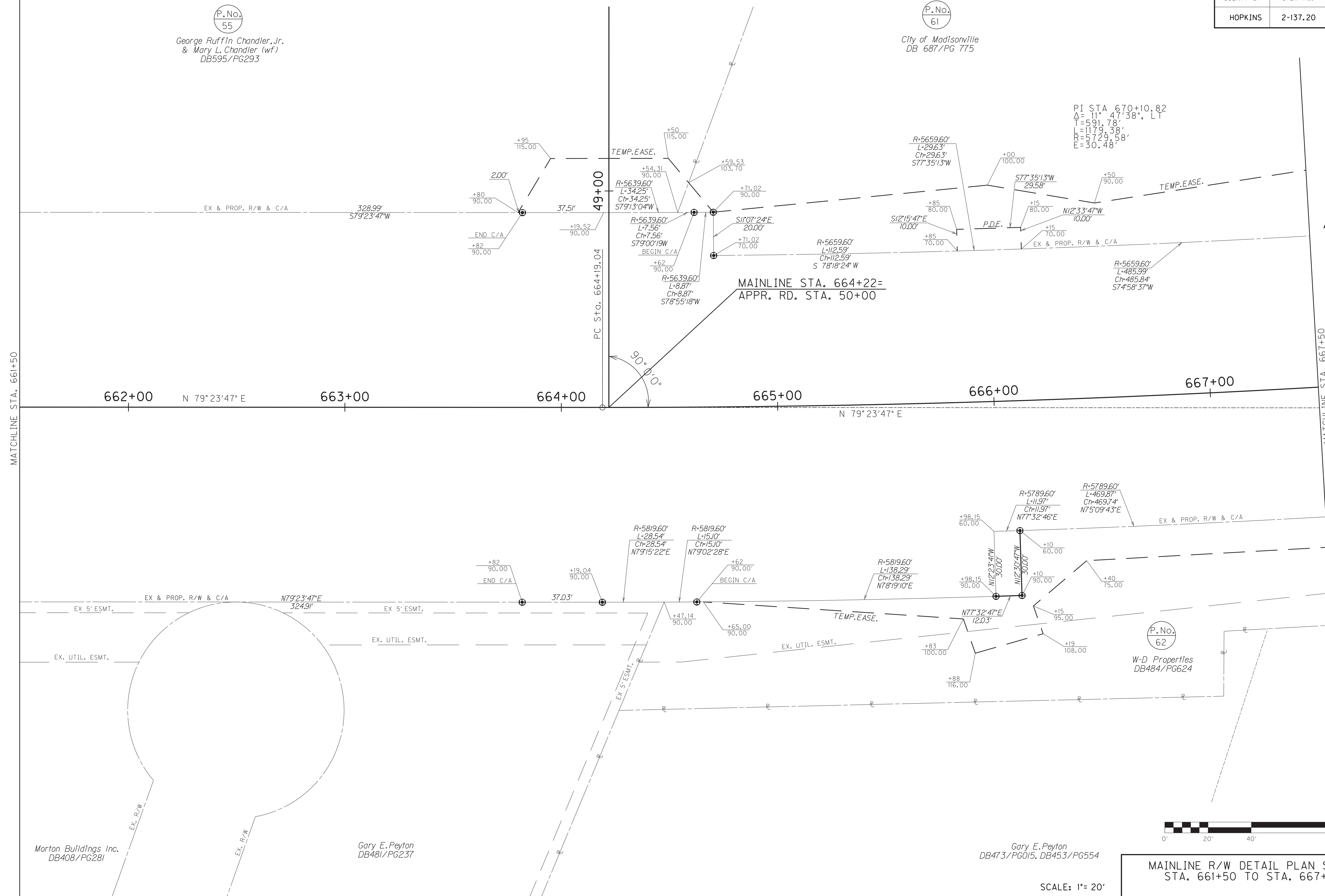
P.No.
55

George Ruffin Chandler, Jr.
& Mary L. Chandler (w/f)
DB595/PG293

P.No.
61

City of Madisonville
DB 687/PG 775

PI STA. 670+10.82
Δ = 11° 47' 38", LT
L = 591.78'
T = 1179.38'
R = 5729.58'
E = 30.48'



MAINLINE R/W DETAIL PLAN SHEET
STA. 661+50 TO STA. 667+50

SCALE: 1" = 20'

Gary E. Peyton
DB473/PG015, DB453/PG554

Gary E. Peyton
DB481/PG237

Morton Buildings Inc.
DB408/PG281

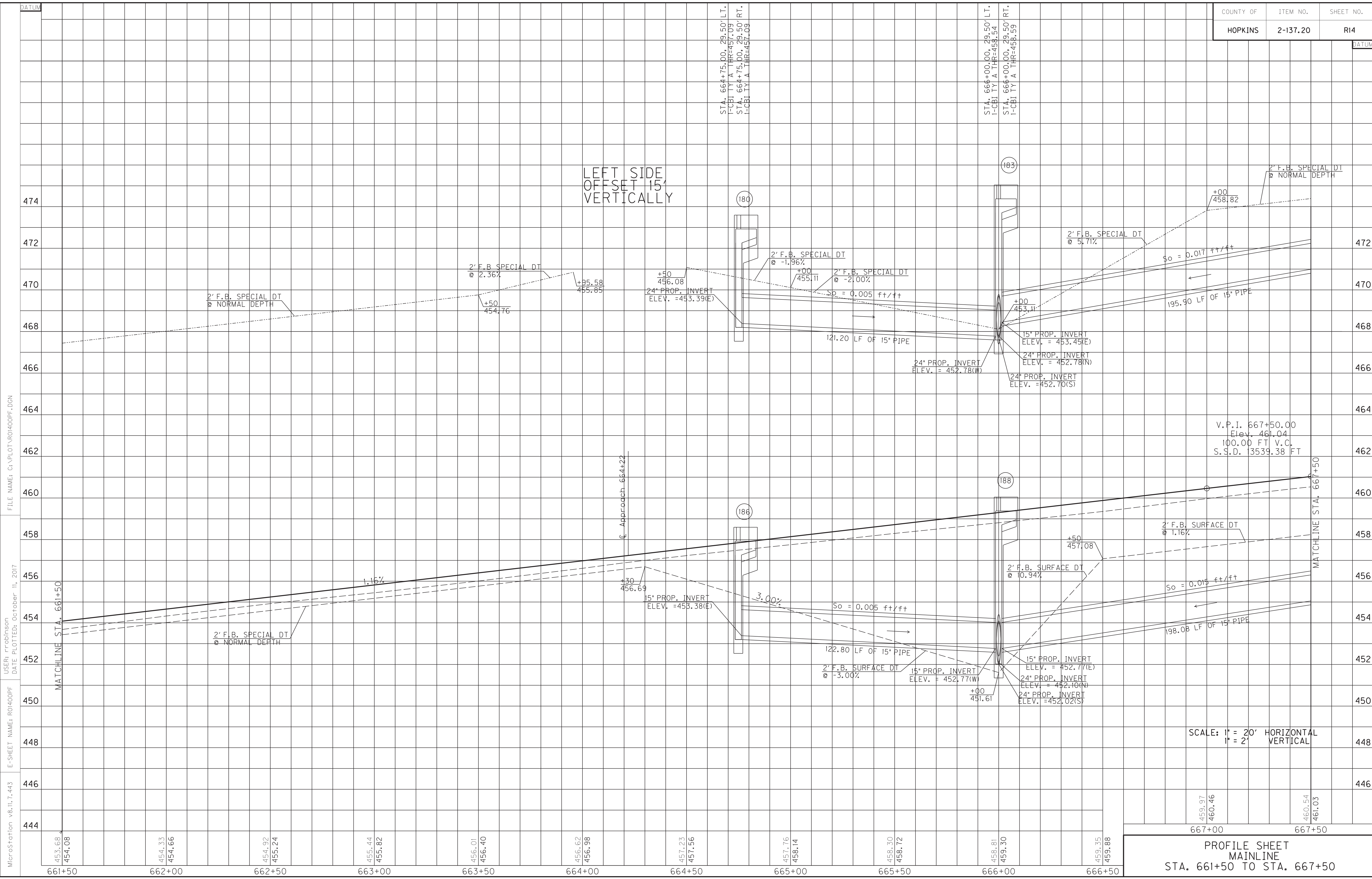
P.No.
62
W-D Properties
DB484/PG624

FILE NAME: C:\PLOT\RO130APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO130APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R0400PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R0400PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 MAINLINE
 STA. 661+50 TO STA. 667+50

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

DITCH CONSTRUCTION LT				
STA. TO STA.	SIZE/TYPER	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
667+50-670+00	2' FB SPEC	ECB	1	278 SY
670+00-671+22	2' FB SURF	ECB	1	14 SY
671+22-671+42	2' FB SURF	TRM	1	23 SY
672+22-672+50	2' FB SURF	TRM	1	32 SY
672+50-673+50	2' FB SPEC	ECB	1	112 SY

P.No. 61
City of Madisonville
DB 687/P6 775

PI STA. 670+10.82
Δ = 11° 47' 38" LT
T = 591.78'
L = 1179.38'
R = 5729.58'
E = 30.48'

BEGIN CONSTRUCTION
APPR. RD. 671+95
STA. 49+30

MAINLINE STA. 671+95=
APPR. RD. STA. 50+00

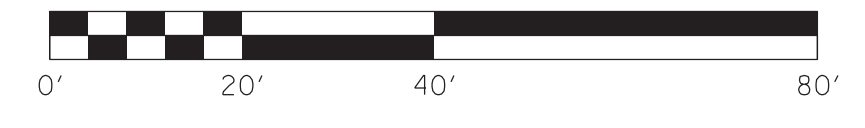
END CONSTRUCTION
APPR. RD. 671+95
STA. 52+00

FOR APPR. RD. PROFILE, SEE SHEET 56.

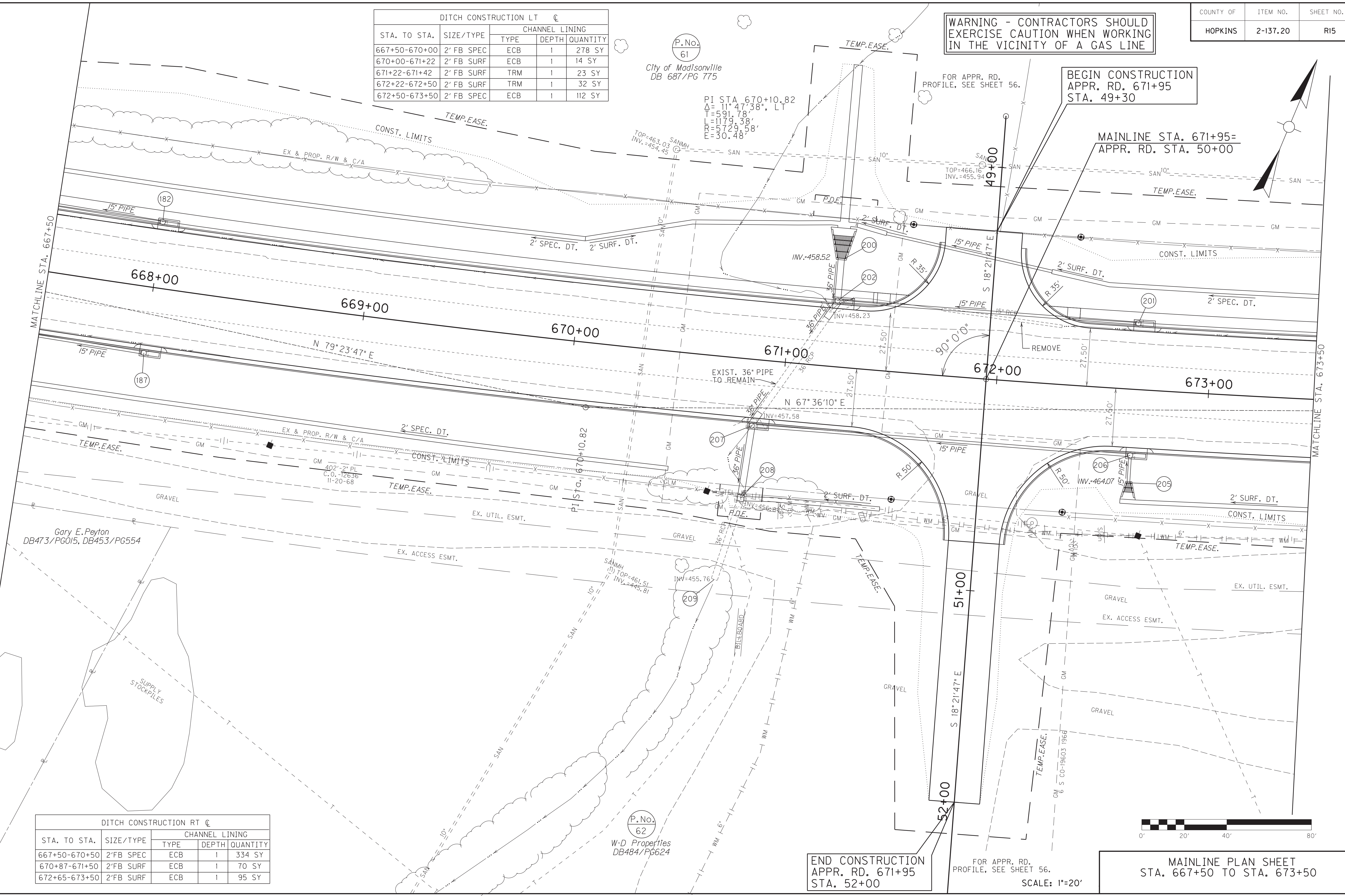
MAINLINE PLAN SHEET
STA. 667+50 TO STA. 673+50

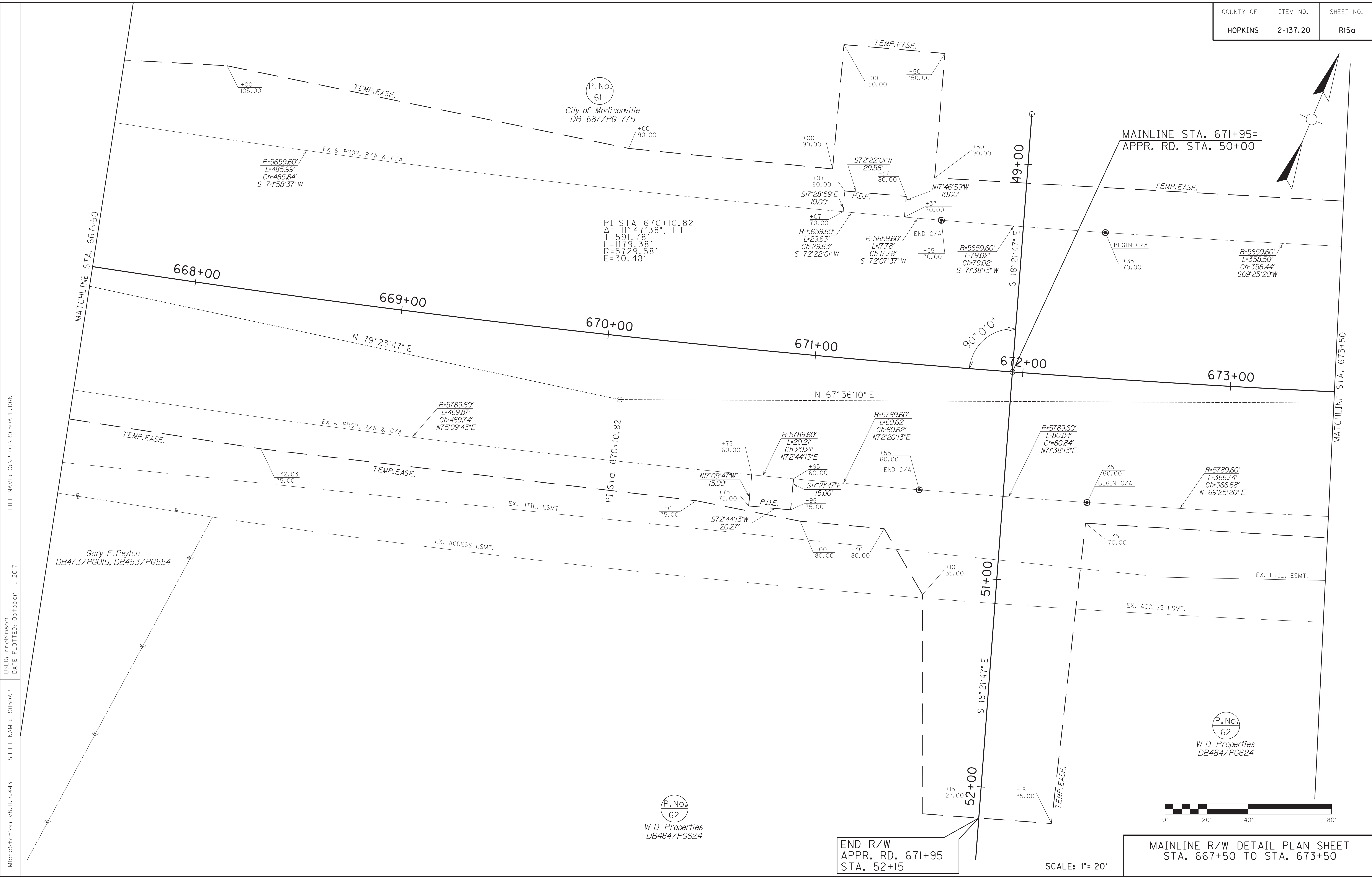
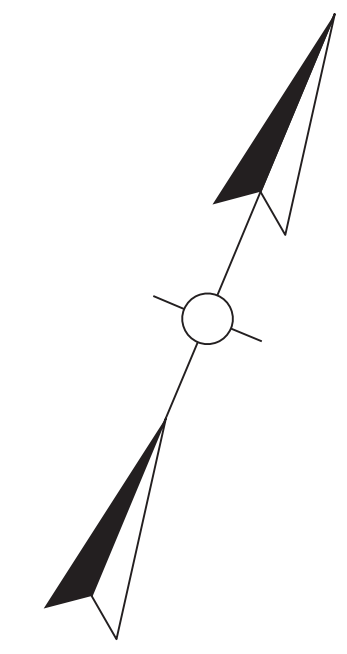
SCALE: 1"=20'

DITCH CONSTRUCTION RT				
STA. TO STA.	SIZE/TYPER	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
667+50-670+50	2' FB SPEC	ECB	1	334 SY
670+87-671+50	2' FB SURF	ECB	1	70 SY
672+65-673+50	2' FB SURF	ECB	1	95 SY



MicroStation v8.11.7.443 E-SHEET NAME: R0500PL USER: rrobinson DATE PLOTTED: October 10, 2017 FILE NAME: C:\PLOT\R0500PL.DGN





P.No.
61
City of Madisonville
DB 687/P6 775

PI STA. 670+10.82
 $\Delta = 11^{\circ}47'38''$, LT
 $T = 591.78'$
 $L = 1179.38'$
 $E = 5729.58'$
 $F = 30.48'$

PI Sta. 670+10.82

P.No.
62
W-D Properties
DB484/P6624

P.No.
62
W-D Properties
DB484/P6624

END R/W
 APPR. RD. 671+95
 STA. 52+15

MAINLINE R/W DETAIL PLAN SHEET
 STA. 667+50 TO STA. 673+50

SCALE: 1" = 20'

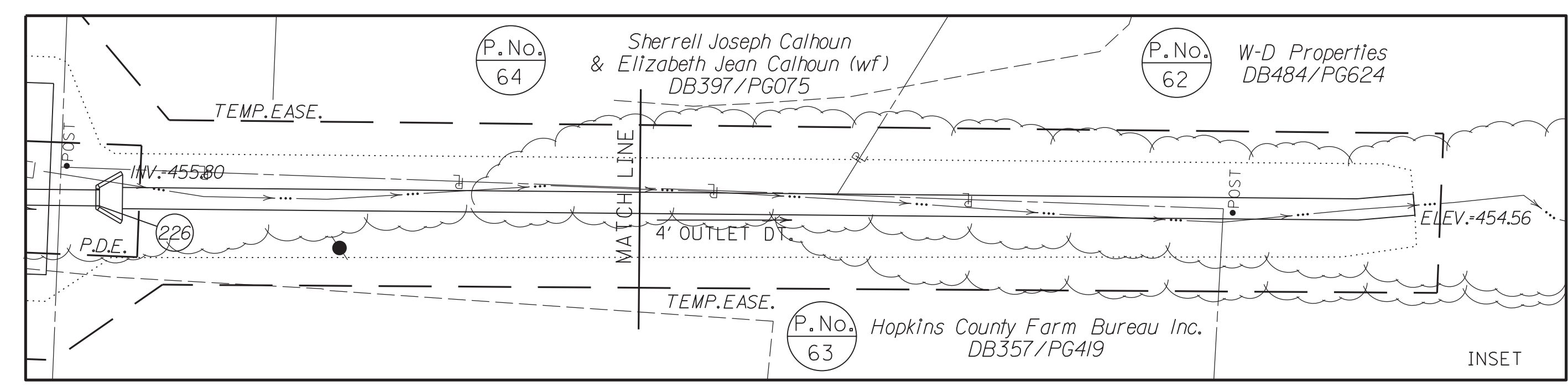
FILE NAME: C:\PLOT\RO50APL.DGN

USER: rrobinson
 DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO50APL

MicroStation v8.11.7.443

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
673+50-675+50	2' FB SPEC	TRM	1	222 SY
675+50-677+00	2' FB SURF	ECB	1	167 SY
677+00-678+00	2' FB SURF	TRM	1	78 SY

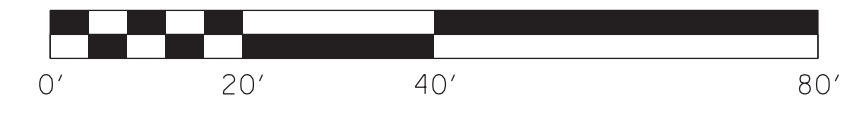


BEGIN CONSTRUCTION
APPR. RD. 679+15
STA. 49+17.30

MAINLINE STA. 679+15=
APPR. RD. STA. 50+00

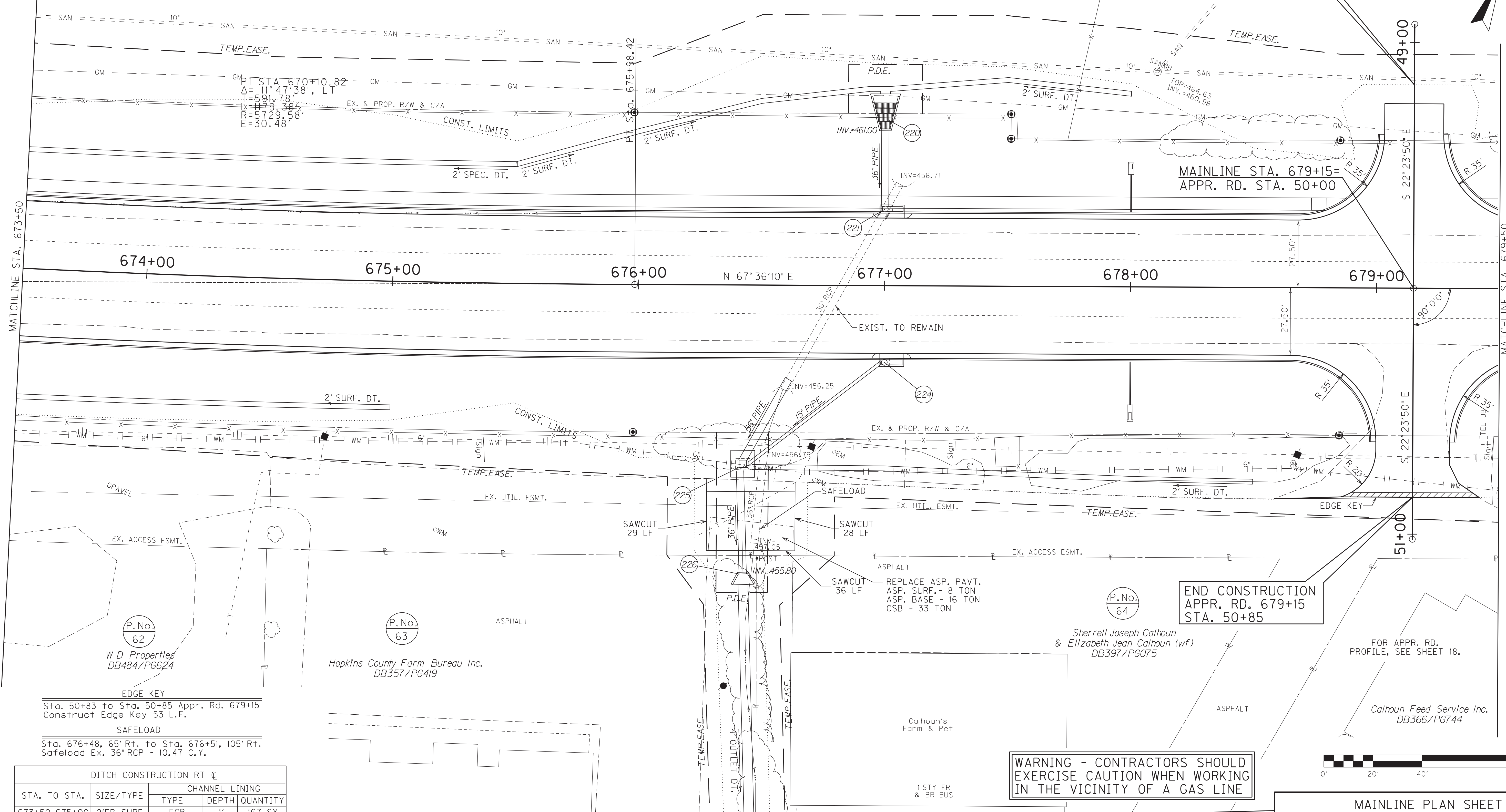
END CONSTRUCTION
APPR. RD. 679+15
STA. 50+85

WARNING - CONTRACTORS SHOULD
EXERCISE CAUTION WHEN WORKING
IN THE VICINITY OF A GAS LINE



MAINLINE PLAN SHEET
STA. 673+50 TO STA. 679+50

SCALE: 1"=20'



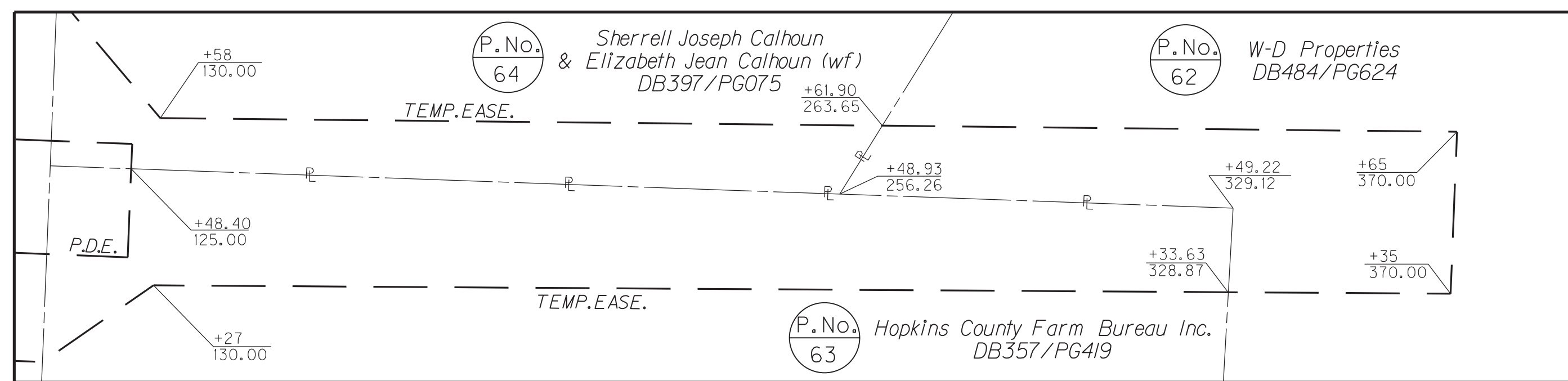
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
673+50-675+00	2' FB SURF	ECB	1'	167 SY
676+48-678+50	2' FB SURF	ECB	1'	202 SY

EDGE KEY
Sta. 50+83 to Sta. 50+85 Appr. Rd. 679+15
Construct Edge Key 53 L.F.

SAFELOAD
Sta. 676+48, 65' Rt. to Sta. 676+51, 105' Rt.
Safeload Ex. 36" RCP - 10.47 C.Y.

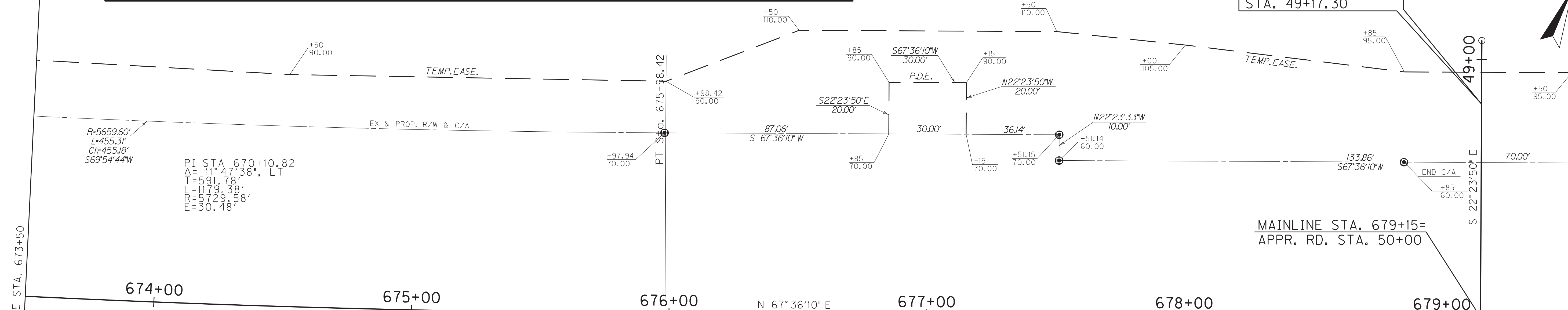
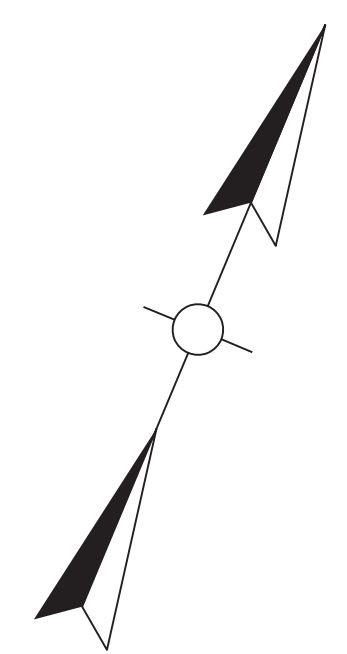
FILE NAME: C:\PLOT\ROI700PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: ROI700PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R17a

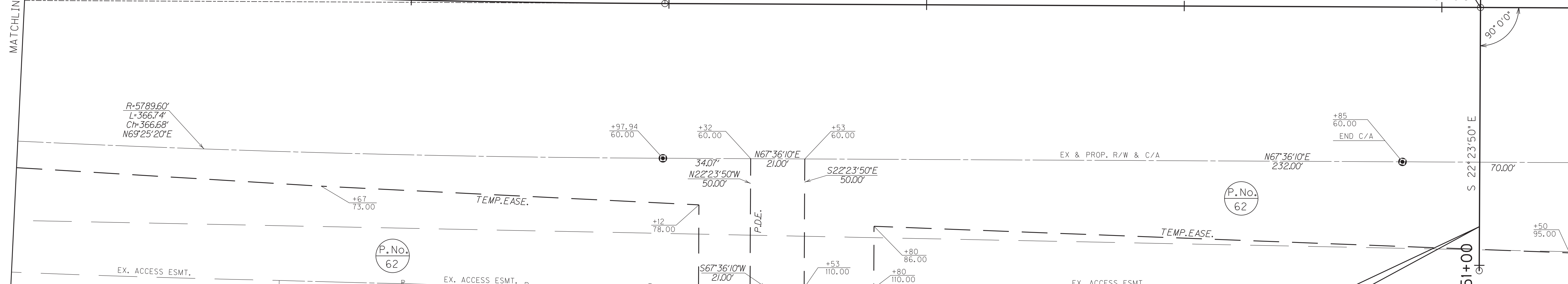


P.No. 61
City of Madisonville
DB 687/PG 775

BEGIN CONSTRUCTION
APPR. RD. 679+15
STA. 49+17.30



MAINLINE STA. 679+15=
APPR. RD. STA. 50+00



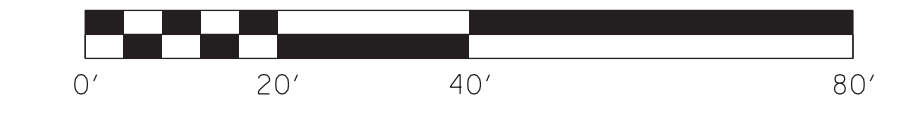
END CONSTRUCTION
APPR. RD. 679+15
STA. 50+85

P.No. 62
W-D Properties
DB484/PG624

P.No. 63
Hopkins County Farm Bureau Inc.
DB357/PG419

P.No. 64
Sherrell Joseph Calhoun
& Elizabeth Jean Calhoun (wf)
DB397/PG075

Calhoun Feed Service Inc.
DB366/PG744

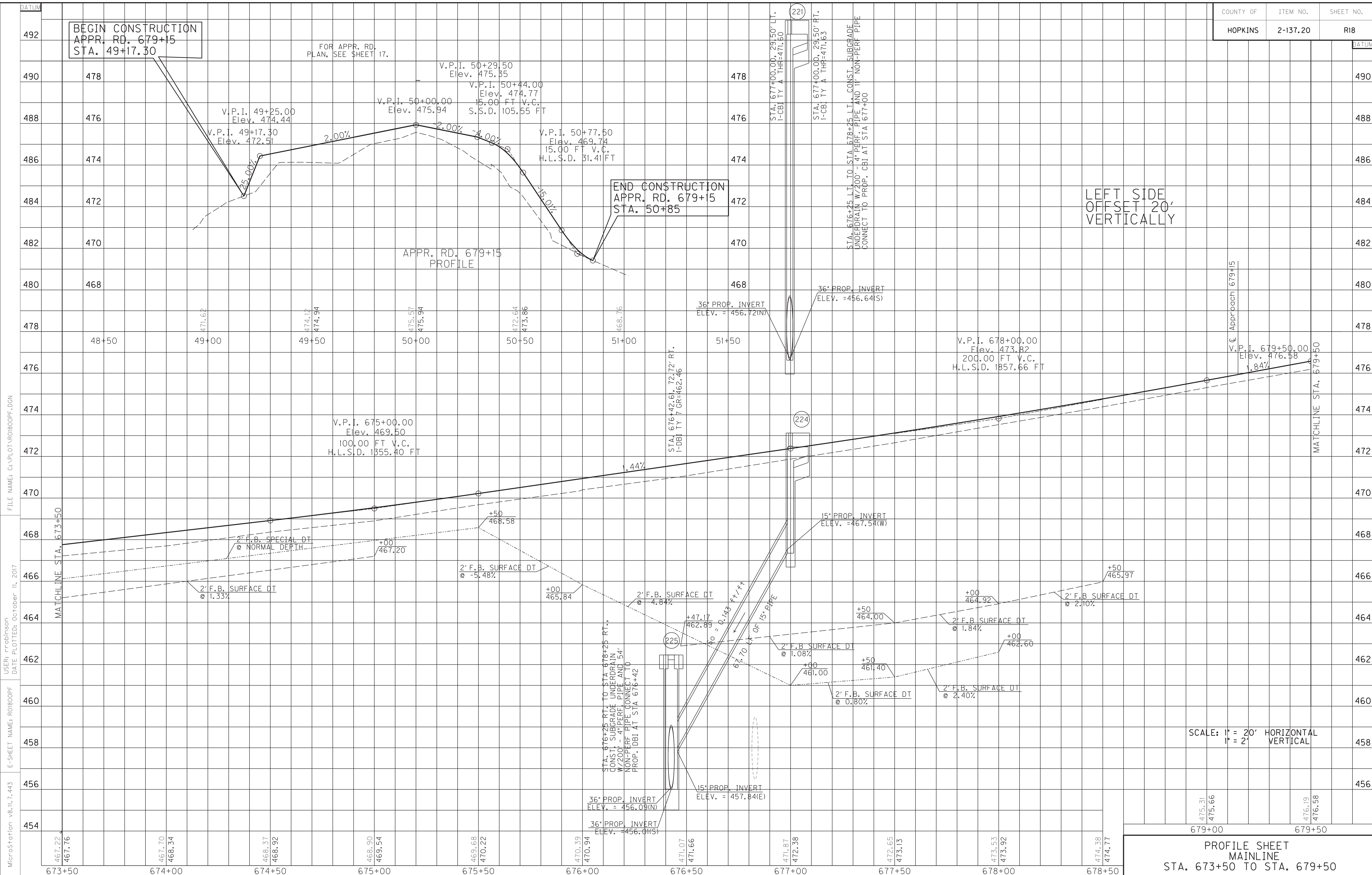


MAINLINE R/W DETAIL PLAN SHEET
STA. 673+50 TO STA. 679+50

SCALE: 1" = 20'

SEE INSET ABOVE

MicroStation v8.11.7.443
E-SHEET NAME: R0170APL
DATE PLOTTED: October 11, 2017
USER: rrobinson
FILE NAME: C:\PLOT\R0170APL.DGN



MicroStation v8.11.7.443
 E-SHEET NAME: R0800PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R0800PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

**PROFILE SHEET
 MAINLINE
 STA. 673+50 TO STA. 679+50**

LEFT SIDE
 OFFSET 20'
 VERTICALLY

END CONSTRUCTION
 APPR. RD. 679+15
 STA. 50+85

BEGIN CONSTRUCTION
 APPR. RD. 679+15
 STA. 49+17.30

FOR APPR. RD.
 PLAN, SEE SHEET 17.

APPR. RD. 679+15
 PROFILE

STA. 676+25 LT. TO STA. 678+25 LT. CONST. SUBGRADE
 UNDERDRAIN W/200" - 4" PERF. PIPE AND 1" NON-PERF PIPE
 CONNECT TO PROP. CBI AT STA 677+00

STA. 676+25 RT. TO STA. 678+25 RT. CONST. SUBGRADE UNDERDRAIN
 W/200" - 4" PERF. PIPE AND 54" NON-PERF PIPE CONNECT TO
 PROP. DBI AT STA. 676+42

475.31
 475.66
 679+00
 476.19
 476.58
 679+50

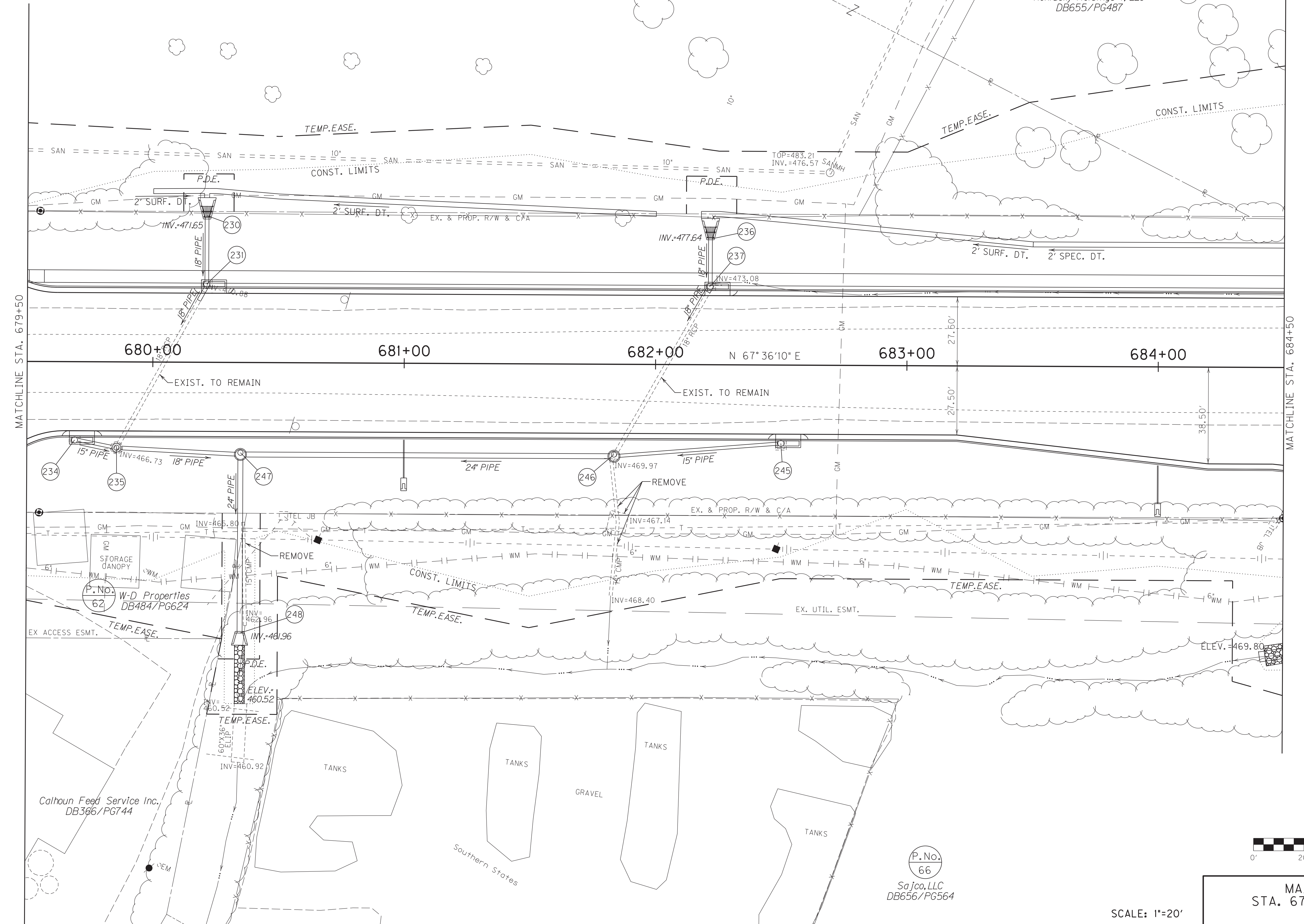
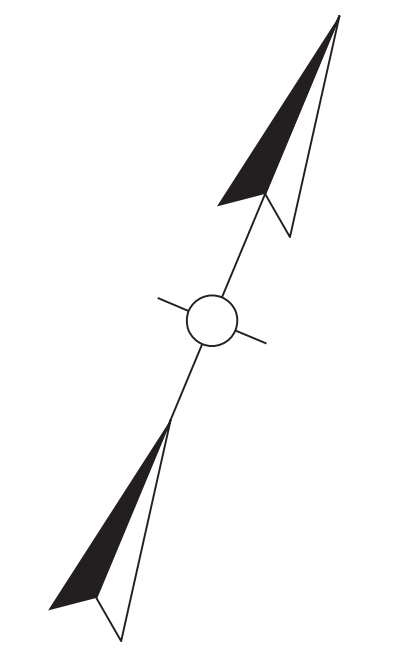
DITCH CONSTRUCTION LT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
680+00-680+22	2' FB SURF	ECB	1	24 SY
680+22-682+00	2' FB SURF	ECB	1	198 SY
682+23-683+50	2' FB SURF	ECB	1	142 SY
683+50-684+50	2' FB SPEC	ECB	1	111 SY

P.No. 61
City of Madisonville
DB 687/PG 775

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

P.No. 68
Kentucky Holdings I, LLC
DB655/PG487

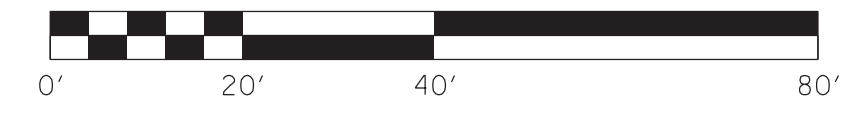
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R19



P.No. 62
W-D Properties
DB484/PG624

Calhoun Feed Service Inc.
DB366/PG744

P.No. 66
Sa Jco, LLC
DB656/PG564



MAINLINE PLAN SHEET
STA. 679+50 TO STA. 684+50

SCALE: 1"=20'

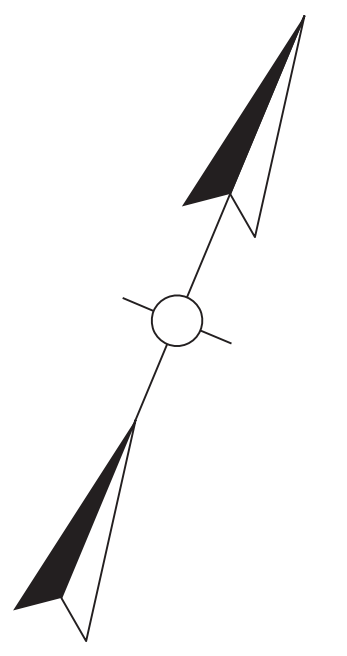
FILE NAME: C:\PLOT\RO900PL.DGN

USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: RO900PL

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R19a

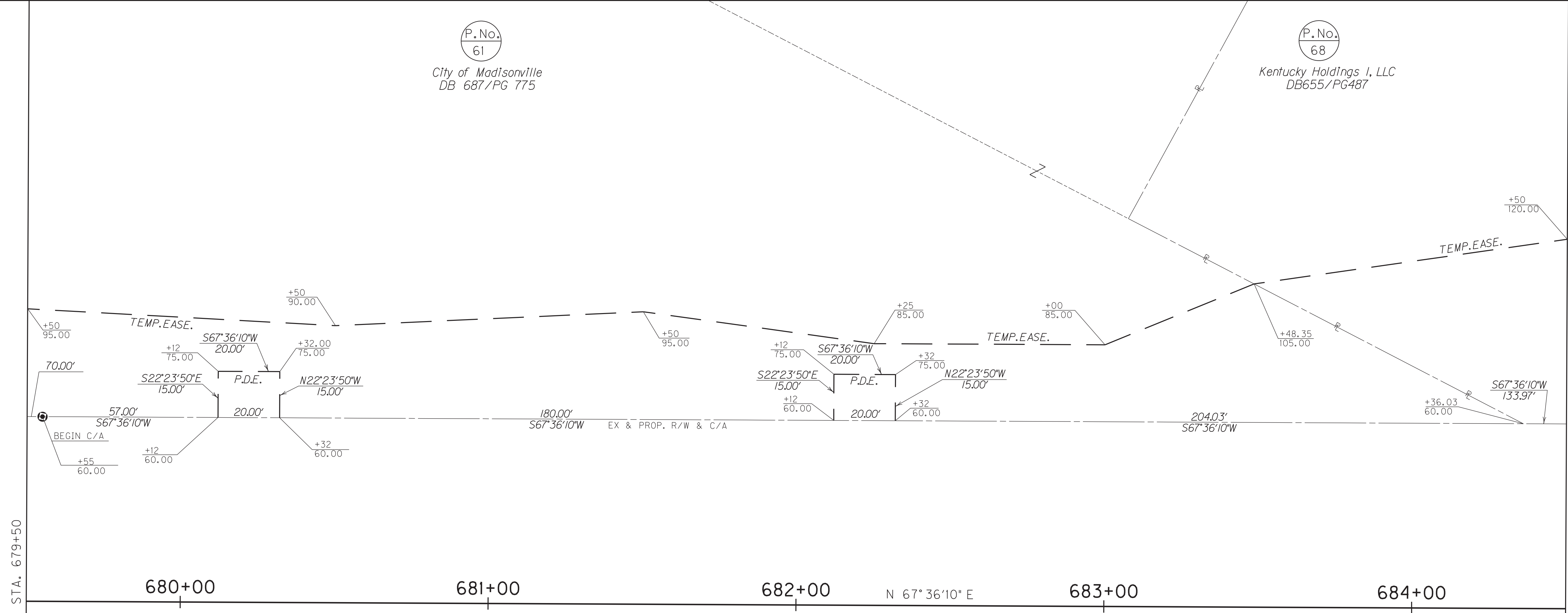


P.No.
61

City of Madisonville
DB 687/P6 775

P.No.
68

Kentucky Holdings I, LLC
DB655/P6487

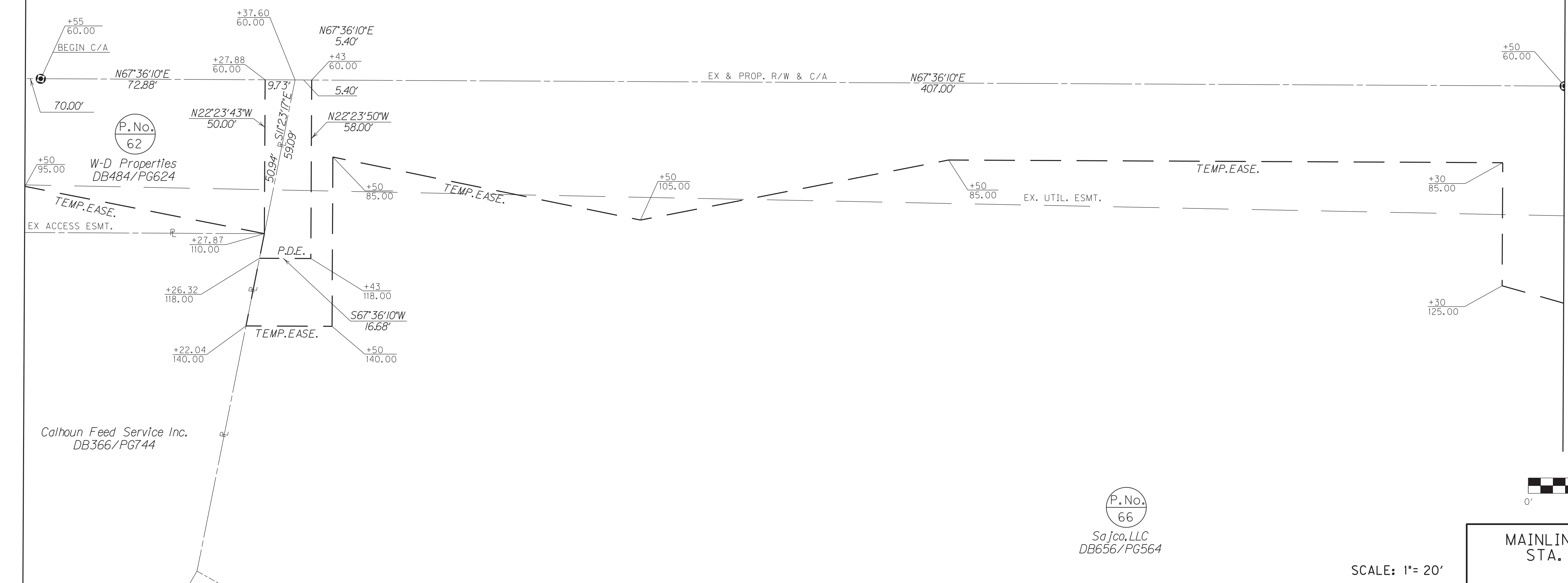


MATCHLINE STA. 679+50

MATCHLINE STA. 684+50

680+00 681+00 682+00 683+00 684+00

N 67° 36' 10" E



MATCHLINE STA. 679+50

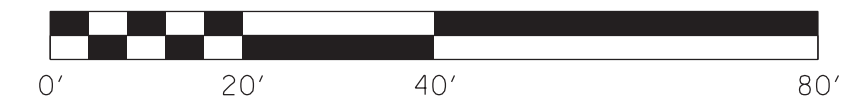
MATCHLINE STA. 684+50

680+00 681+00 682+00 683+00 684+00

N 67° 36' 10" E

P.No.
66

Sa Jco, LLC
DB656/P6564



MAINLINE R/W DETAIL PLAN SHEET
STA. 679+50 TO STA. 684+50

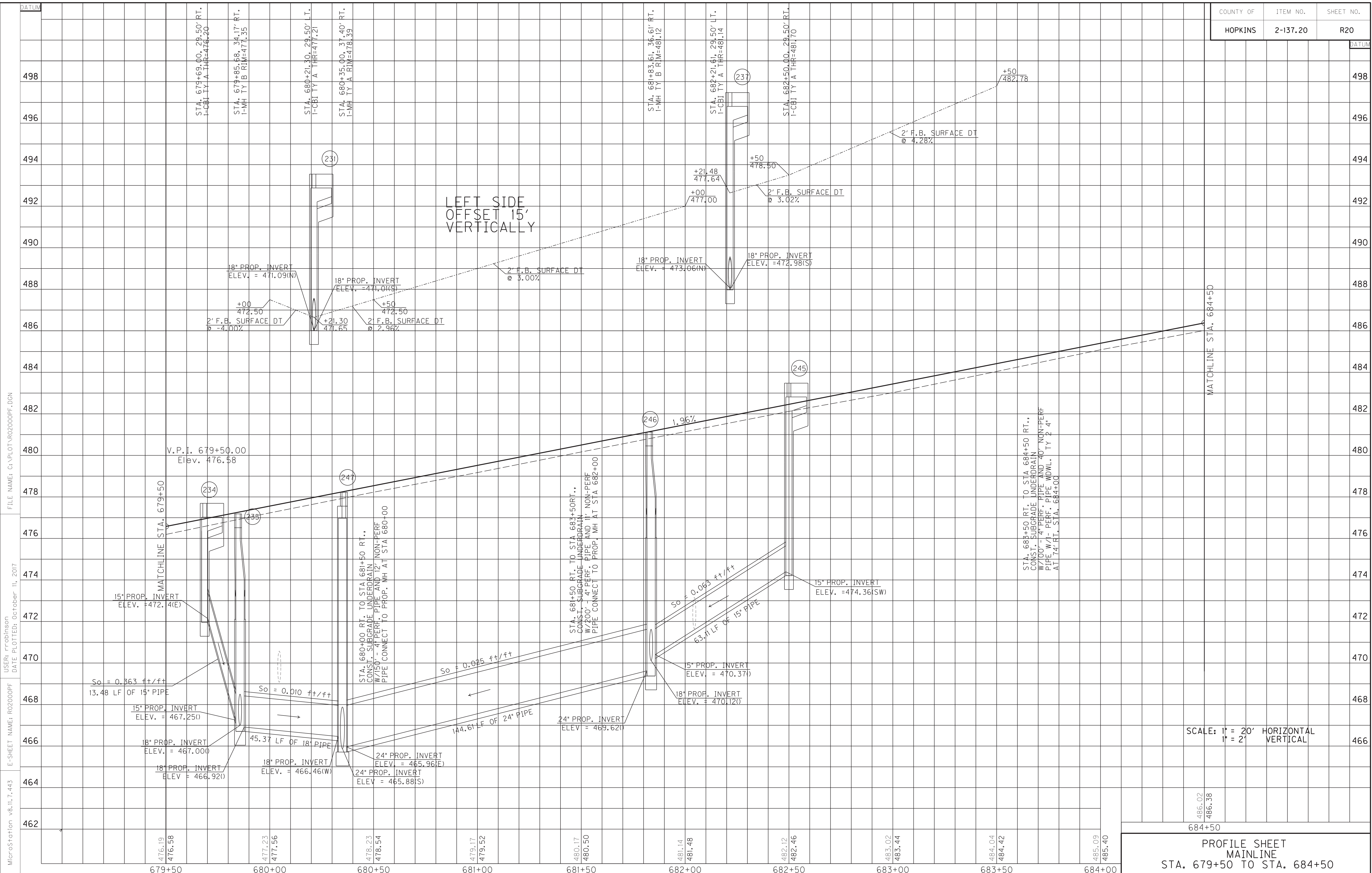
SCALE: 1"= 20'

FILE NAME: C:\PLOT\RO90APL.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: RO90APL
MicroStation v8.11.7.443

P.No.
62

W-D Properties
DB484/P6624

Calhoun Feed Service Inc.
DB366/P6744



MicroStation v8.11.7.443
 E-SHEET NAME: R02000PF
 USER: rrobison
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R02000PF.DGN

486.02
 486.38

PROFILE SHEET
 MAINLINE
 STA. 679+50 TO STA. 684+50

DITCH CONSTRUCTION LT ☐				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
684+50-685+68	2' FB SPEC	ECB	1	131 SY
687+10-690+00	2' FB SPEC	ECB	1	226 SY
690+00-690+50	2' FB SPEC	ECB	1	39 SY

FOR PRIDE AVE.
PLAN AND PROFILE SHEETS,
SEE SHEETS 35 & 36.

RETAINING WALL A
Sta. 687+60 to Sta. 690+10, Lt.
Construct CIP Non-Reinf. Gravity Retaining Wall
See Detail Sheet R69 and see Std. Dwg. RGX-002.

SAFELOAD
Sta. 686+03 to Sta. 686+71, Lt.
Safeload Ex. 18" RCP - 4.45 C.Y.

P.No.
69

James A. Wells
& Connie-Sue Wells (wf)
DB 356/PG107

P.No.
68

Kentucky Holdings I, LLC
DB655/PG487

P.No.
71

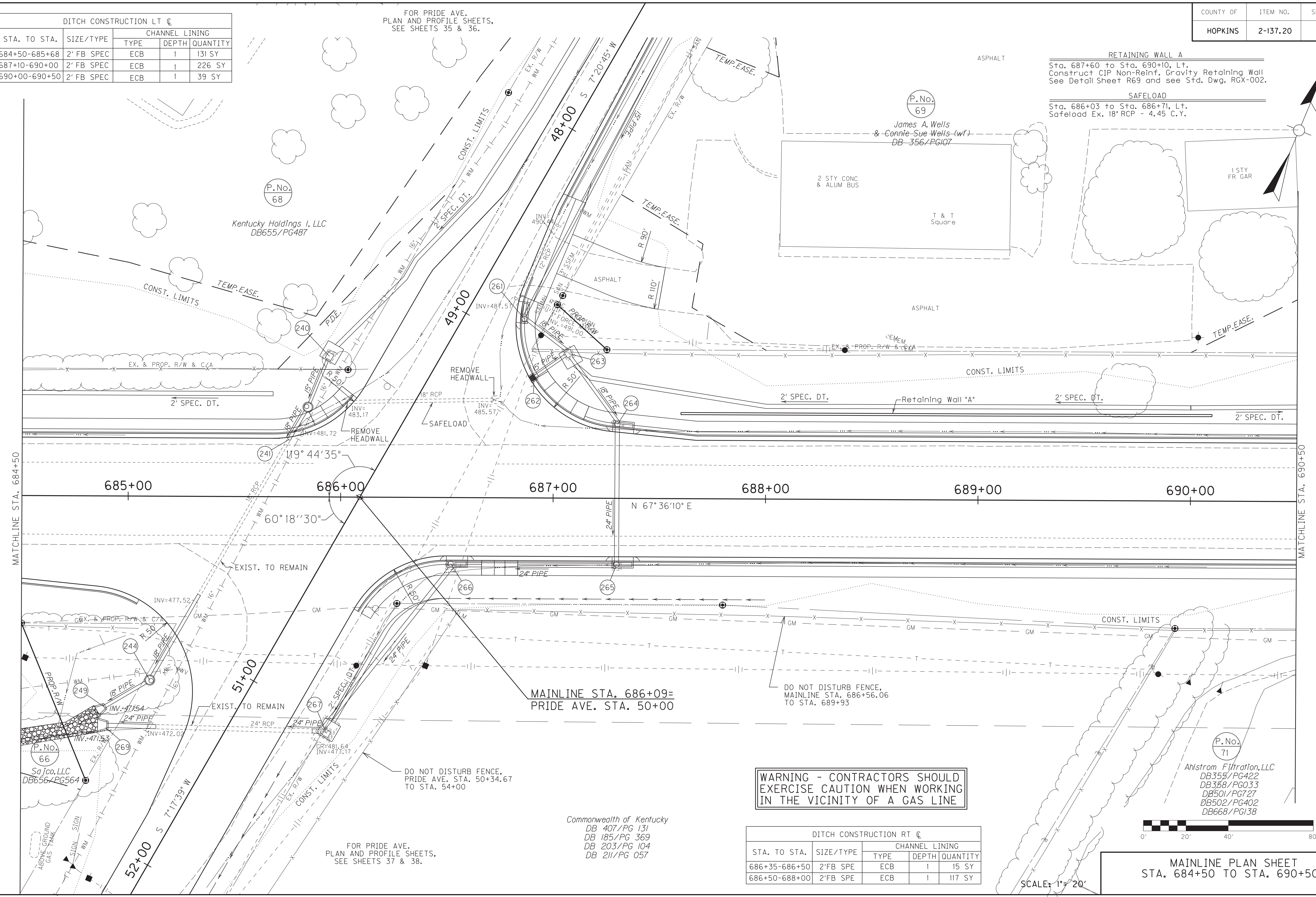
Ahstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138

FILE NAME: C:\PLOT\RO2100PL.DGN

USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: RO2100PL

MicroStation v8.11.7.443



WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

Commonwealth of Kentucky
DB 407/PG 131
DB 185/PG 369
DB 203/PG 104
DB 211/PG 057

DITCH CONSTRUCTION RT ☐				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
686+35-686+50	2'FB SPE	ECB	1	15 SY
686+50-688+00	2'FB SPE	ECB	1	117 SY

FOR PRIDE AVE.
PLAN AND PROFILE SHEETS,
SEE SHEETS 37 & 38.

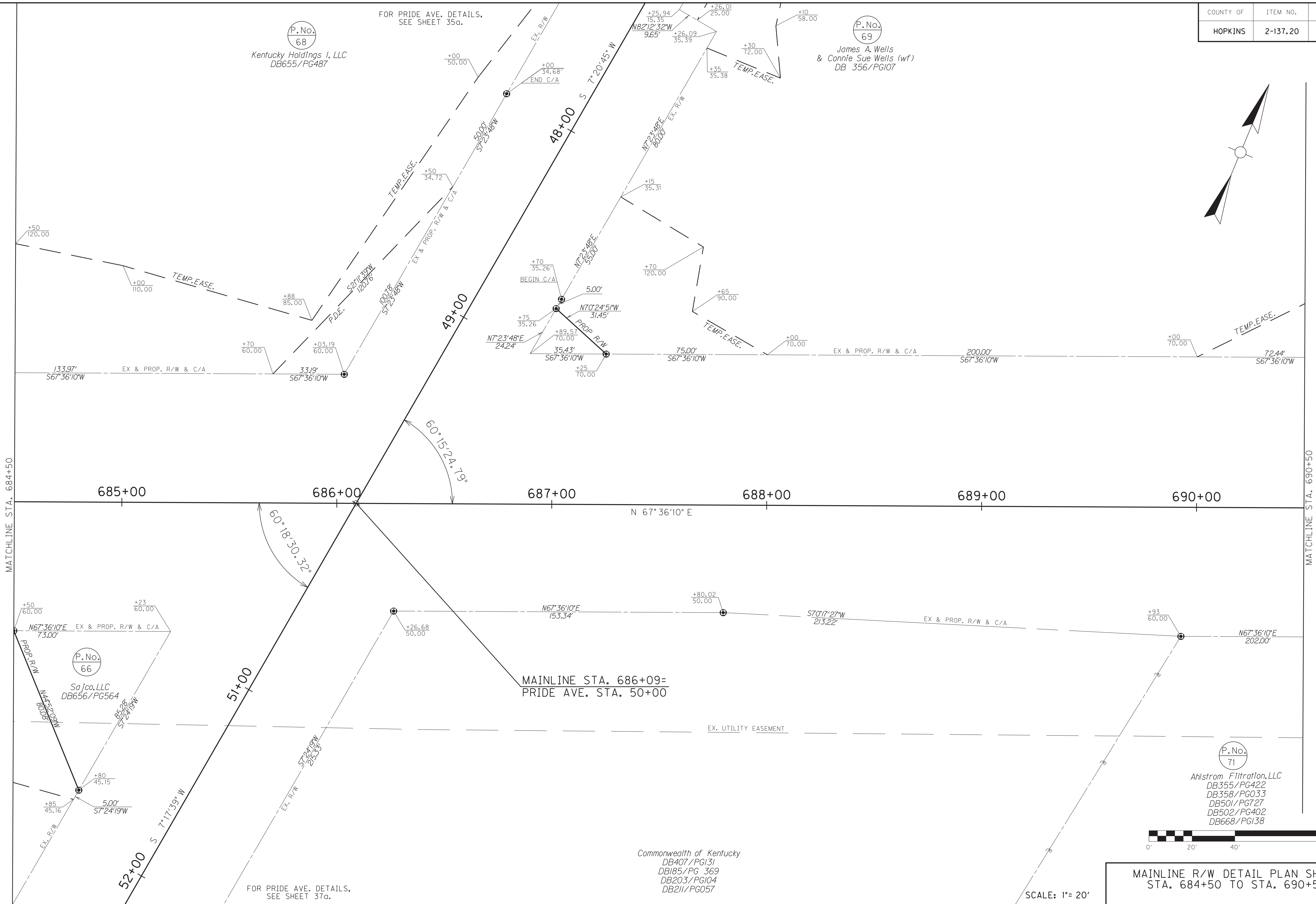
MAINLINE PLAN SHEET
STA. 684+50 TO STA. 690+50

SCALE: 1" = 20'

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R21a

P.No. 68
 Kentucky Holdings I, LLC
 DB655/PG487

P.No. 69
 James A. Wells
 & Connie Sue Wells (wf)
 DB 356/PG107



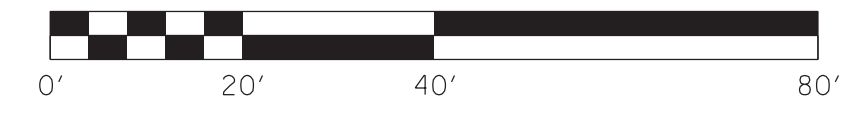
MATCHLINE STA. 684+50

MATCHLINE STA. 690+50

P.No. 66
 Sa jco, LLC
 DB656/PG564

P.No. 71
 Ahlstrom Filtration, LLC
 DB355/PG422
 DB358/PG033
 DB501/PG27
 DB502/PG402
 DB668/PG138

Commonwealth of Kentucky
 DB407/PG131
 DB185/PG 369
 DB203/PG104
 DB211/PG057



MAINLINE R/W DETAIL PLAN SHEET
 STA. 684+50 TO STA. 690+50

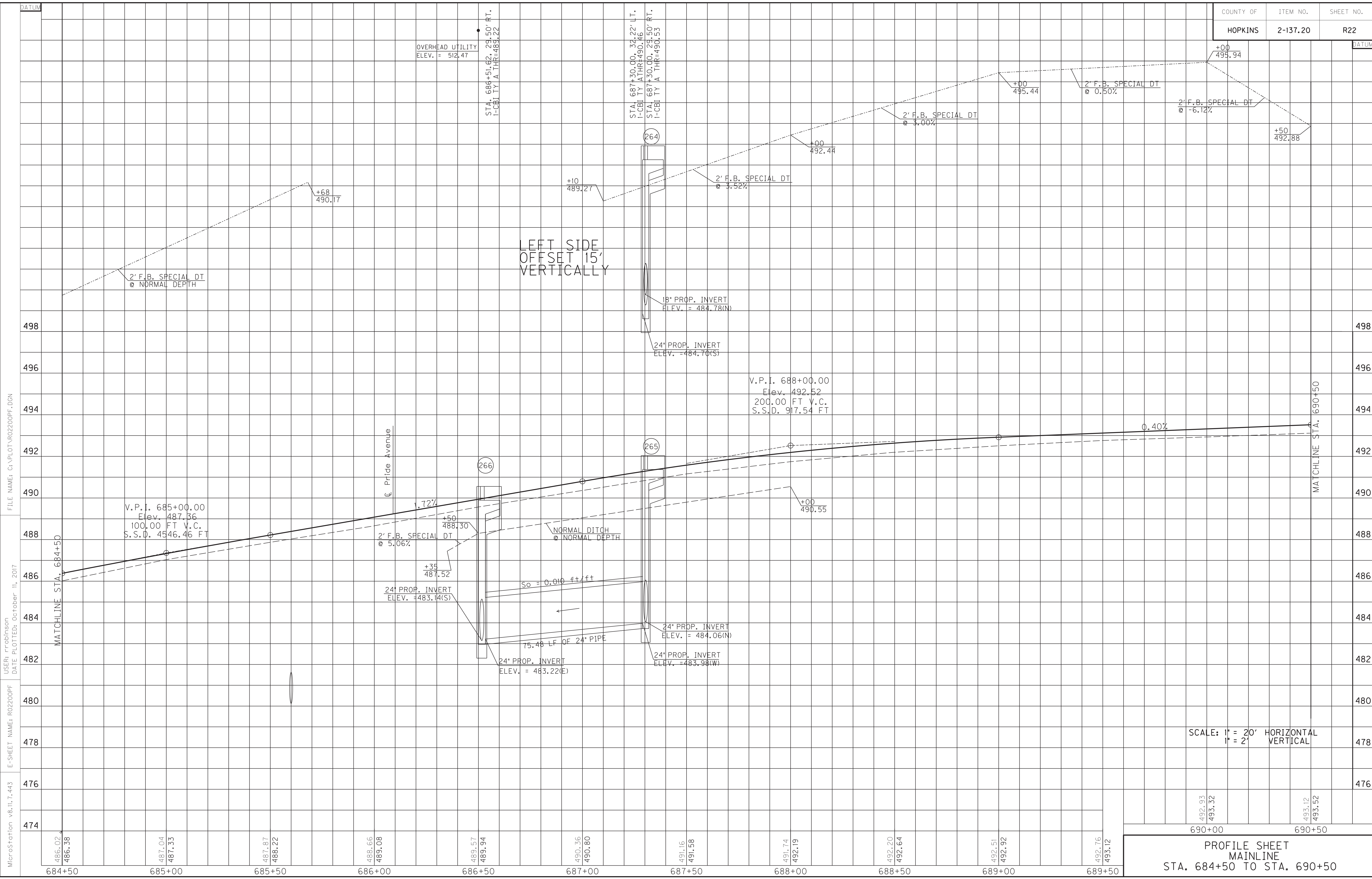
SCALE: 1" = 20'

MicroStation v8.11.7.443
 E-SHEET NAME: R0210APL
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R0210APL.DGN

FOR PRIDE AVE. DETAILS,
 SEE SHEET 37a.

FOR PRIDE AVE. DETAILS,
 SEE SHEET 35a.

FOR PRIDE AVE. DETAILS,
 SEE SHEET 37a.



MicroStation v8.11.7.443
 E-SHEET NAME: R02200PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R02200PF.DGN

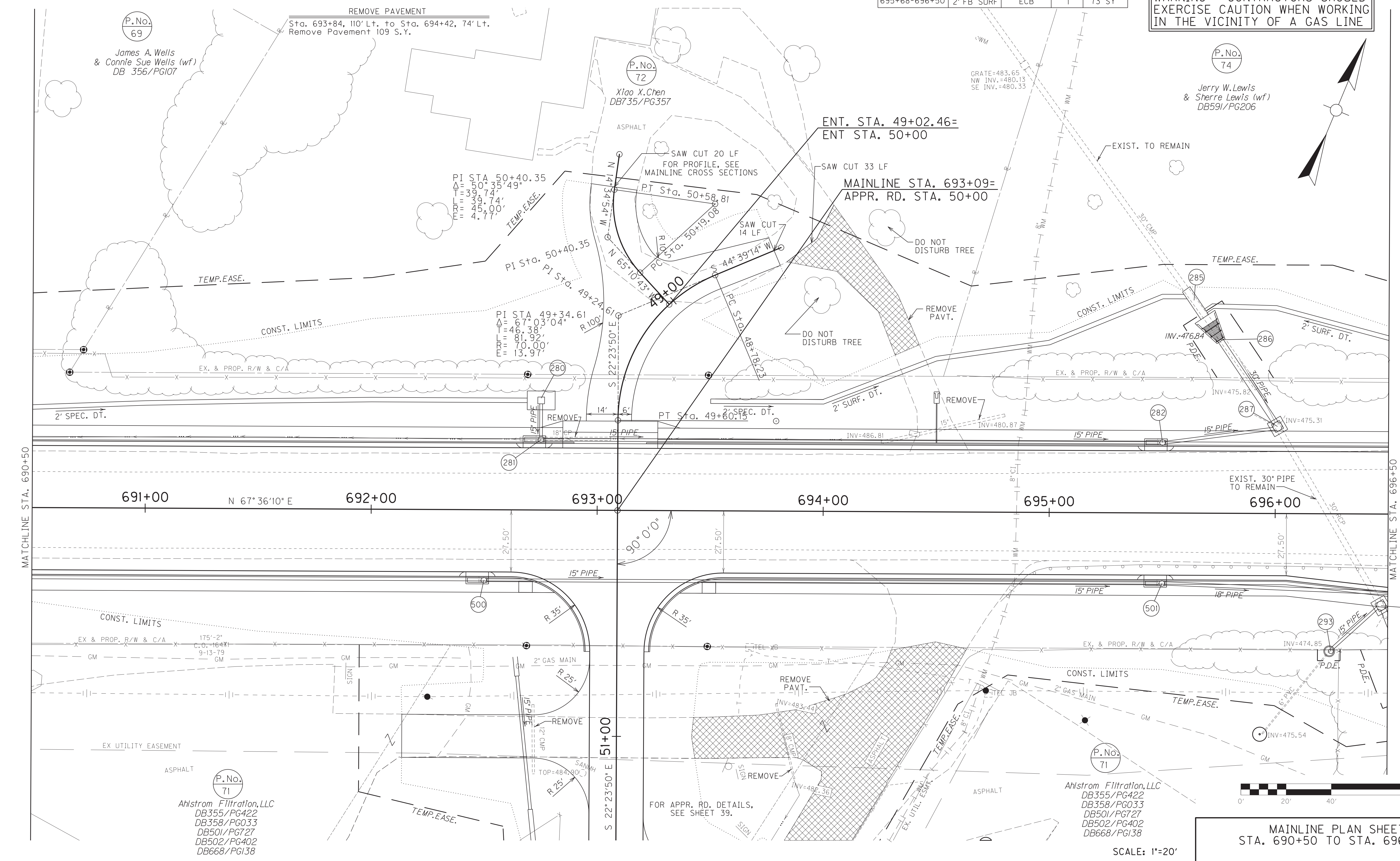
SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
MAINLINE
STA. 684+50 TO STA. 690+50

ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TON)	PIPE (DIA. - LENGTH)
693+09, LT	20	56	244	20	40	56		01N. - 0 FT.
49+02 on Appr.	20		126	10	21	29		01N. - 0 FT.

DITCH CONSTRUCTION LT @			
STA. TO STA.	SIZE/TYPE	CHANNEL LINING	
		TYPE	DEPTH QUANTITY
690+50-692+69	2' FB SPEC	ECB	1 207 SY
693+50-694+00	2' FB SPEC	ECB	1 56 SY
694+00-695+68	2' FB SURF	TRM	1 159 SY
695+68-696+50	2' FB SURF	ECB	1 73 SY

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



P.No. 69
James A. Wells & Connie Sue Wells (wf)
DB 356/PG107

P.No. 72
Xiao X. Chen
DB735/PG357

P.No. 74
Jerry W. Lewis & Sherre Lewis (wf)
DB591/PG206

P.No. 71
Ahstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138

SCALE: 1"=20'
MAINLINE PLAN SHEET
STA. 690+50 TO STA. 696+50

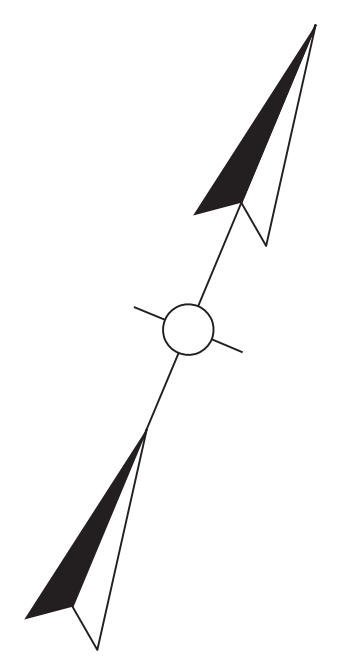
FILE NAME: G:\PLOT\RO2300PL.DGN
USER: rrobinson
DATE PLOTTED: October 16, 2017
E-SHEET NAME: RO2300PL
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R23a

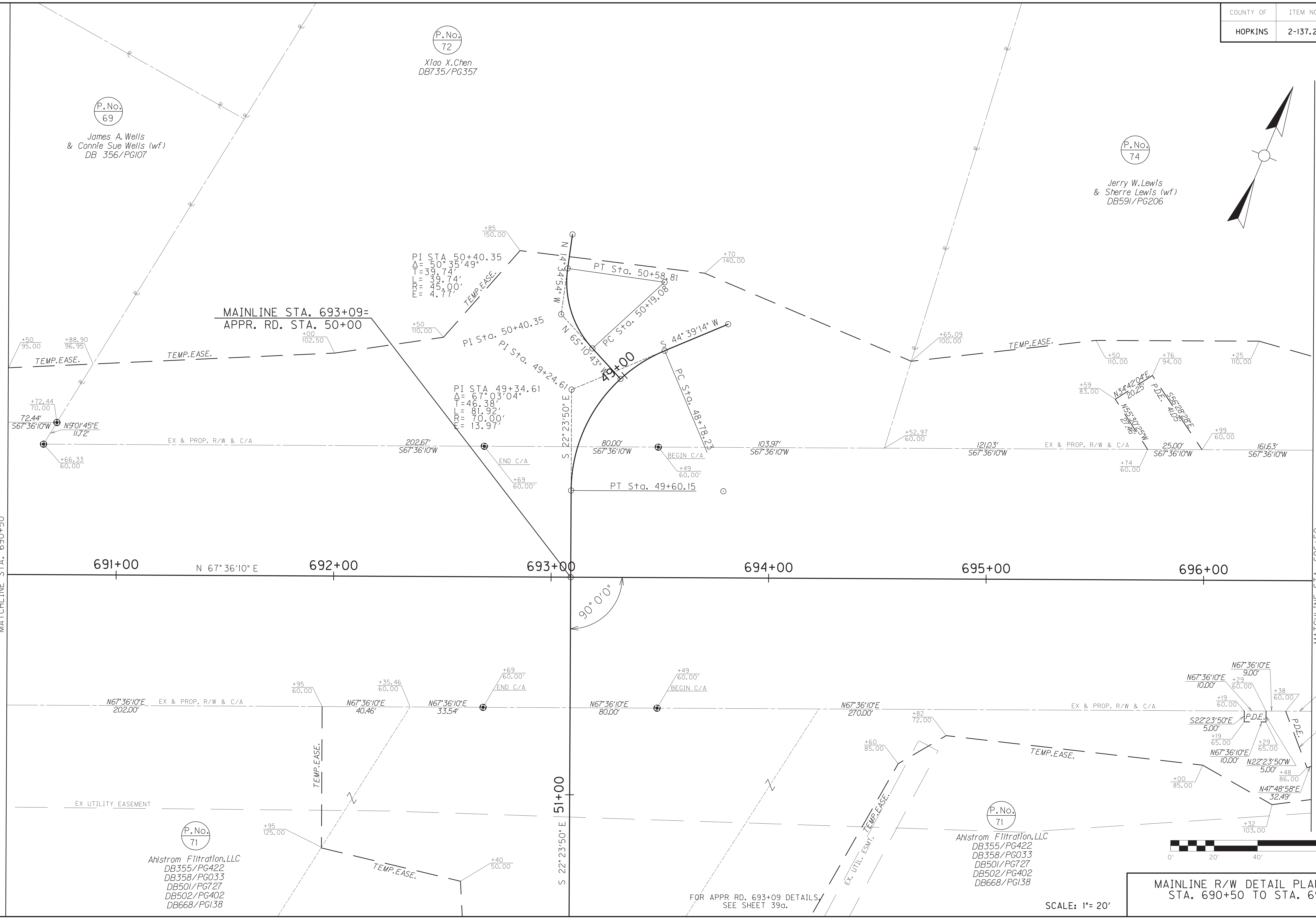
P.No.
69
James A. Wells
& Connie Sue Wells (wf)
DB 356/PG107

P.No.
72
Xiao X. Chen
DB735/PG357

P.No.
74
Jerry W. Lewis
& Sherre Lewis (wf)
DB591/PG206

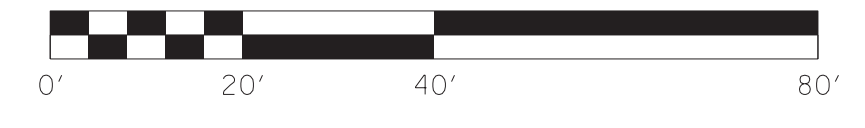


FILE NAME: C:\PLOT\RO230APL.DGN
USER: rrobinson
DATE PLOTTED: October 16, 2017
E-SHEET NAME: RO230APL
MicroStation v8.11.7.443



P.No.
71
Ahstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138

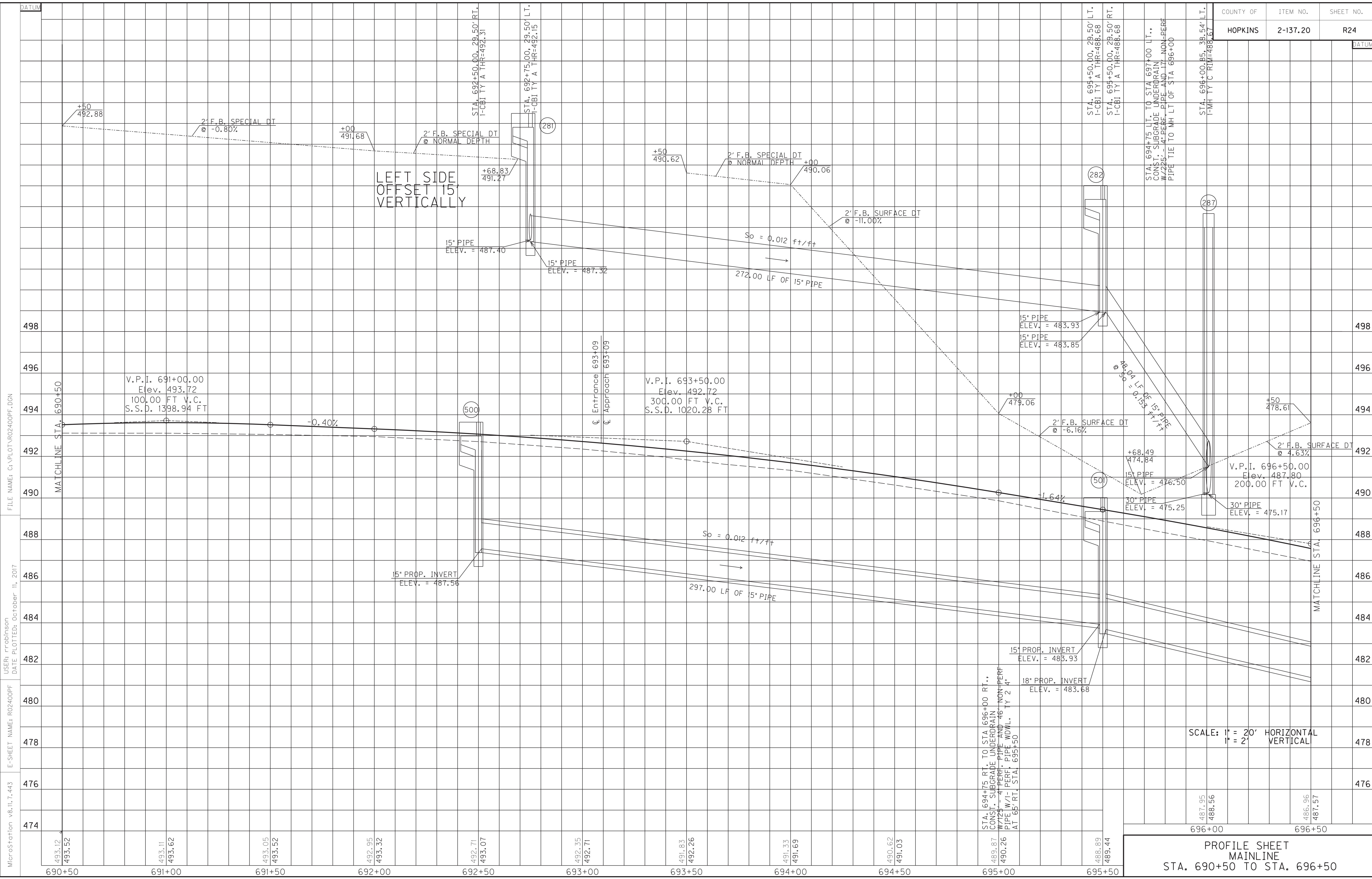
P.No.
71
Ahstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138



FOR APPR RD. 693+09 DETAILS/
SEE SHEET 39a.

SCALE: 1"= 20'

MAINLINE R/W DETAIL PLAN SHEET
STA. 690+50 TO STA. 696+50



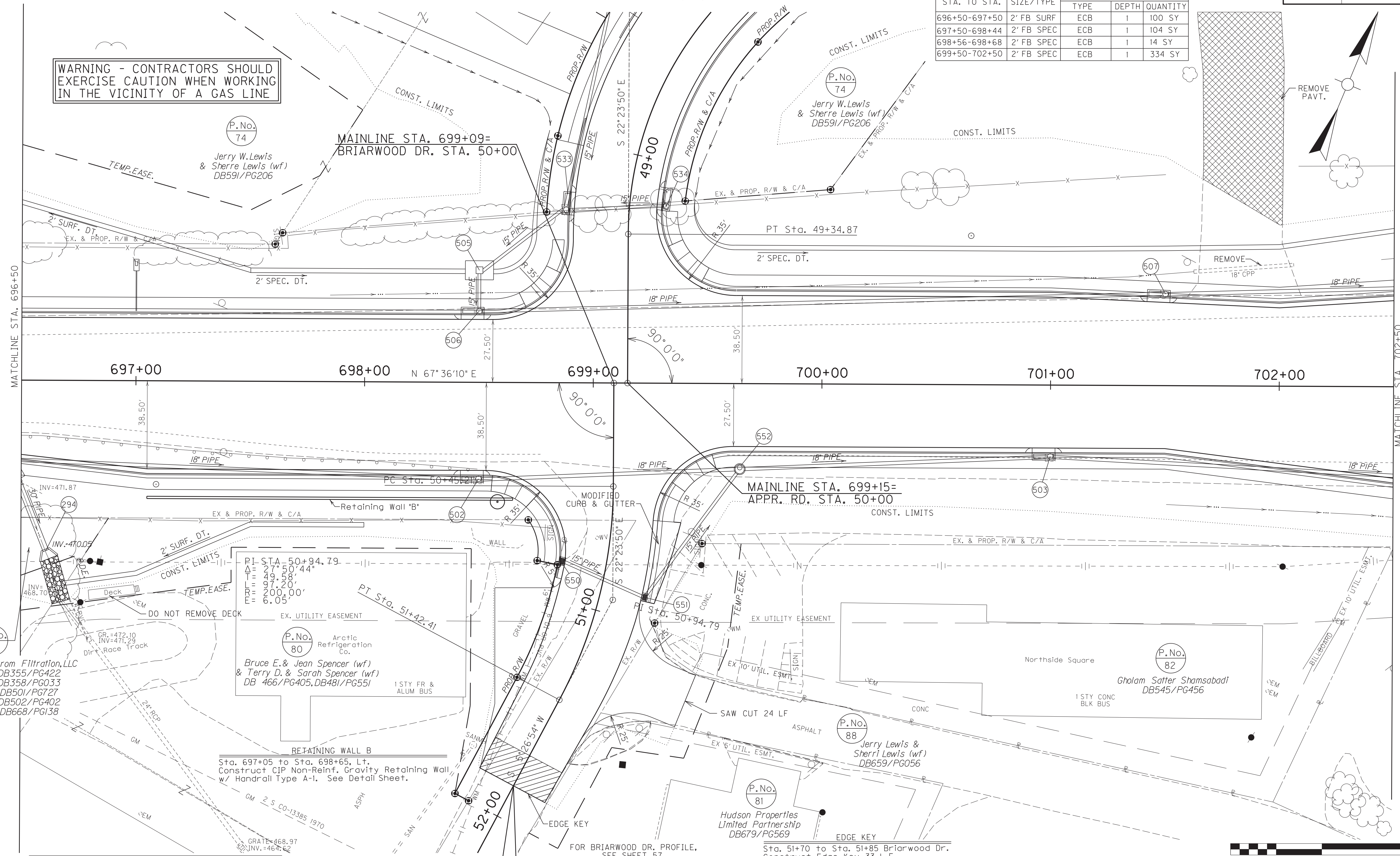
MicroStation v8.11.7.443
 E-SHEET NAME: R02400PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R02400PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

**PROFILE SHEET
 MAINLINE
 STA. 690+50 TO STA. 696+50**

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
696+50-697+50	2' FB SURF	ECB	1	100 SY
697+50-698+44	2' FB SPEC	ECB	1	104 SY
698+56-698+68	2' FB SPEC	ECB	1	14 SY
699+50-702+50	2' FB SPEC	ECB	1	334 SY

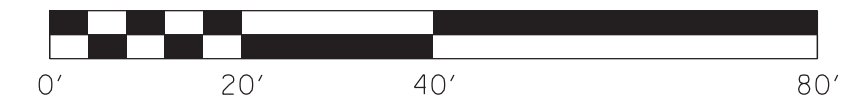
WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
696+70-697+00	2' FB SURF	TRM	1	27 SY
697+00-698+00	2' FB SURF	ECB	1	89 SY

END CONSTRUCTION BRIARWOOD DR. STA. 51+85

LOCATION	WIDTH (FT)	ENTRANCES					PIPE (DIA. - LENGTH)
		8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	TBB (TONS)	
51+22, LT B	24		110	9	18	38	OIN. - 0 FT.
51+42, RT B	NA		120			28	OIN. - 0 FT.



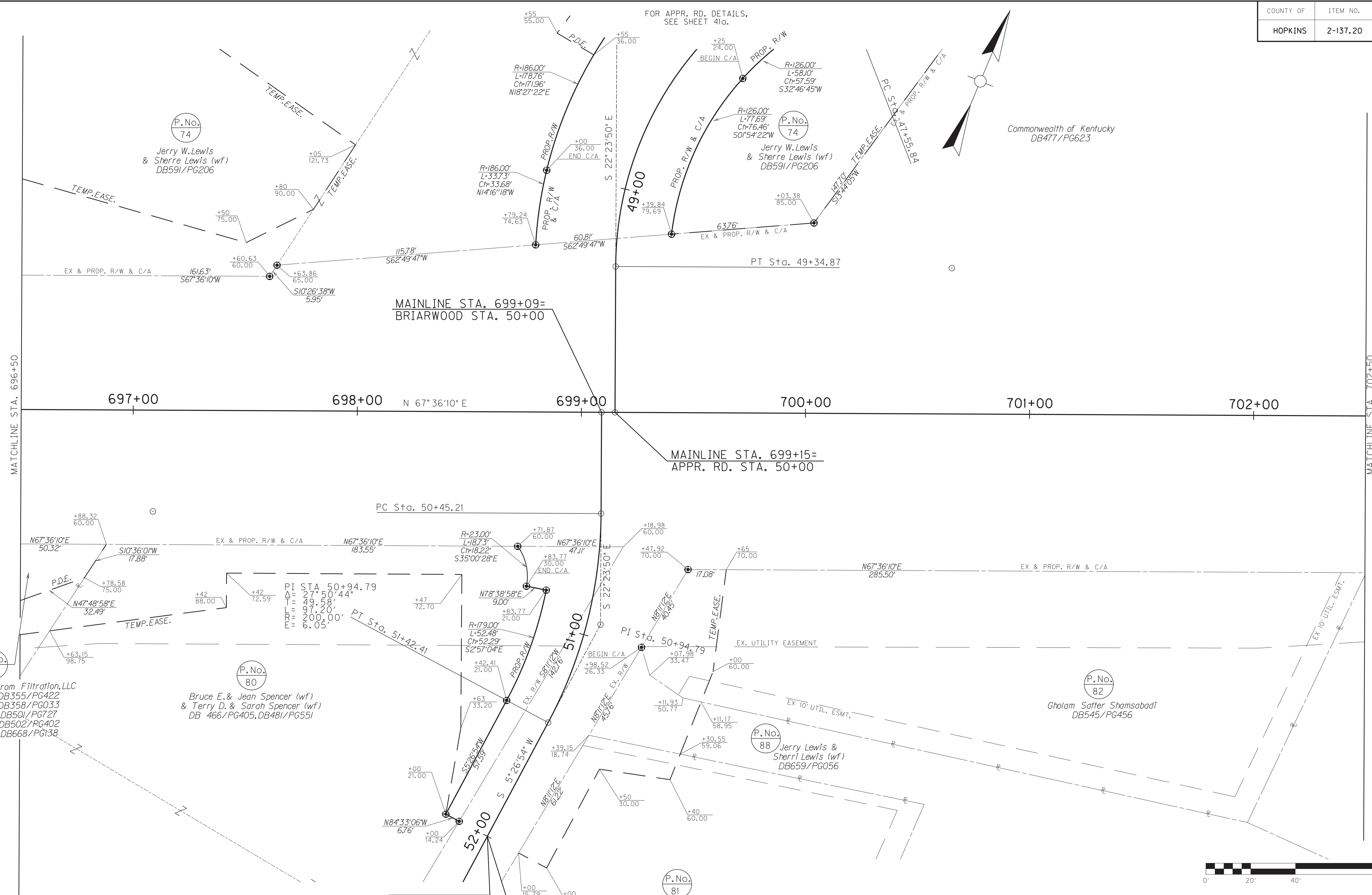
MAINLINE PLAN SHEET STA. 696+50 TO STA. 702+50

SCALE: 1"=20'

FILE NAME: C:\PLOT\RO2500PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO2500PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R25a

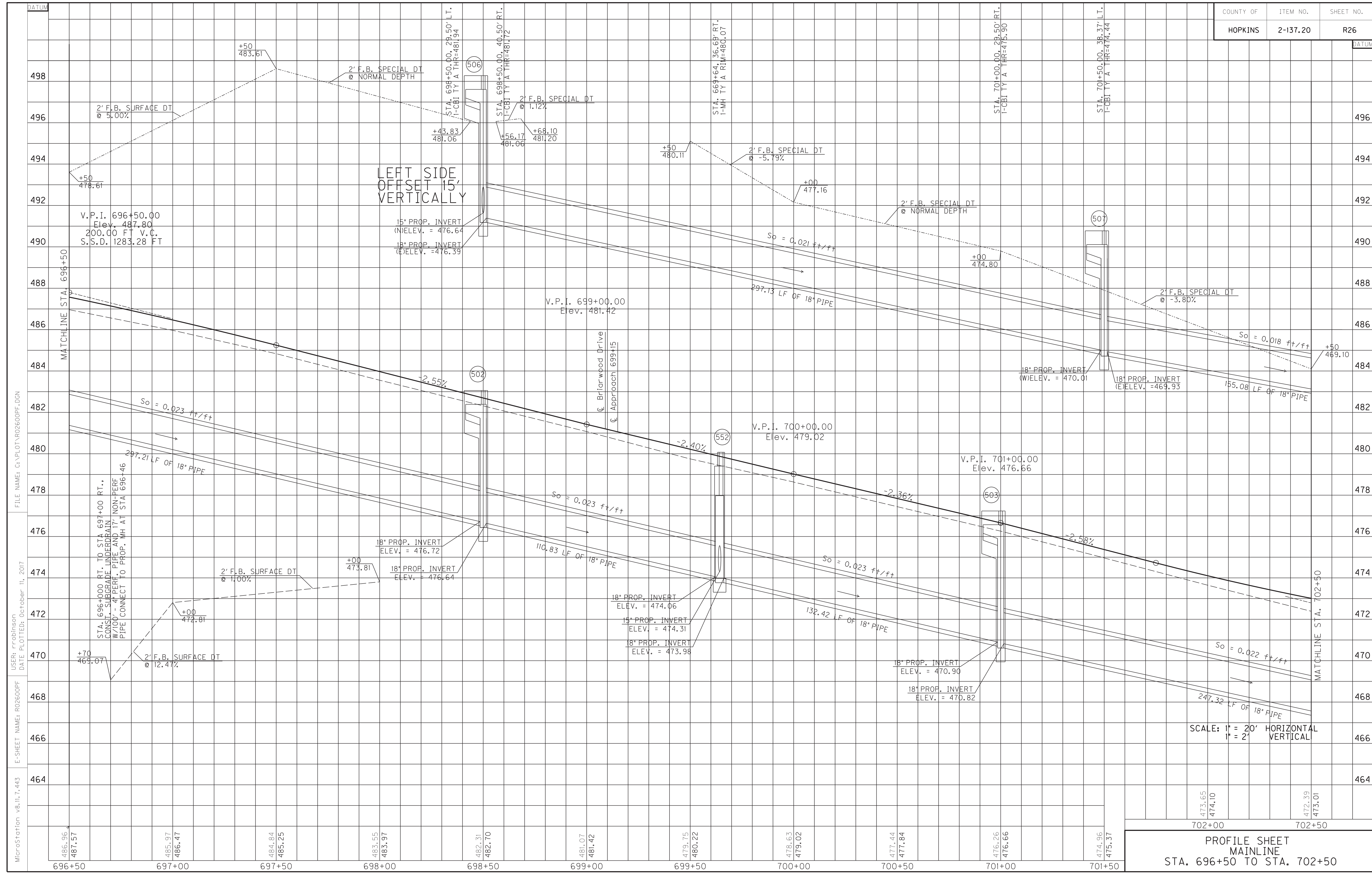
FILE NAME: C:\PLOT\RO250APL.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO250APL
 MicroStation v8.11.7.443



END R/W
BRIARWOOD DR.
STA. 52+00

MAINLINE R/W DETAIL PLAN SHEET
STA. 696+50 TO STA. 702+50

SCALE: 1" = 20'



MicroStation v8.11.7.443
 E-SHEET NAME: R02600PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R02600PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 MAINLINE
 STA. 696+50 TO STA. 702+50

486.96	485.97	484.84	483.55	482.31	481.07	479.75	478.63	477.44	476.26	475.37
487.57	486.47	485.25	483.97	482.70	481.42	480.22	479.02	477.84	476.66	475.37
696+50	697+00	697+50	698+00	698+50	699+00	699+50	700+00	700+50	701+00	701+50

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

DITCH CONSTRUCTION LT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
702+50-703+50	2' FB SURF	ECB	1	111 SY
703+50-705+16	2' FB SURF	ECB	1	166 SY
705+16-705+50	NORM	ECB	1	32 SY
708+31-708+50	2' FB SURF	ECB	1	16 SY

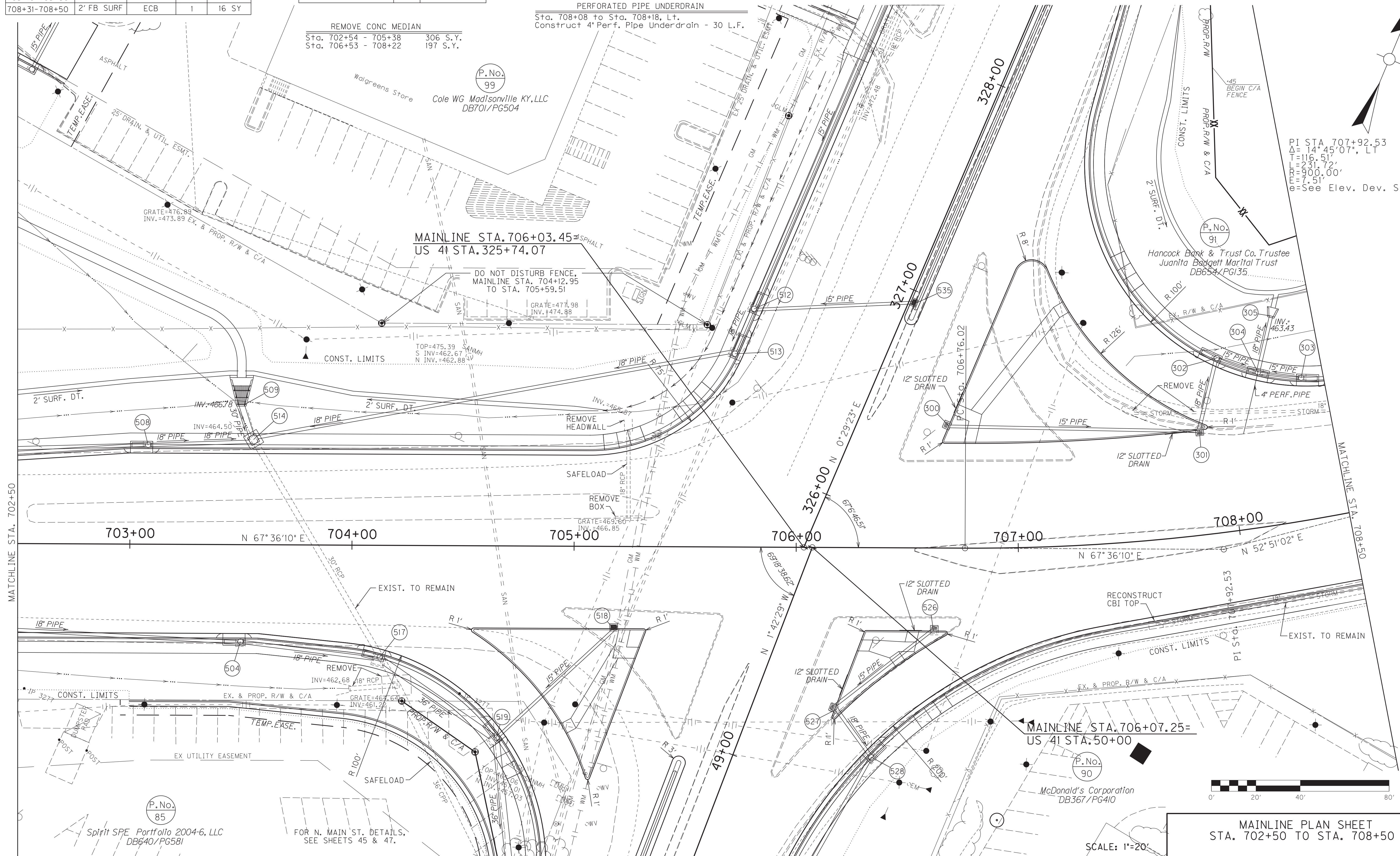
CONCRETE ISLAND CONSTRUCTION			
STA. TO STA.	SIDE	QUANTITY	
705+55 to 705+31	RT.	261 SY	
706+32 to 706+67	RT.	80 SY	
706+67 to 707+90	LT.	517 SY	

SAFELOAD
Sta. 705+25, Lt.
Safeload Ex. 18" RCP - 2.62 C.Y.
RIGHT OF WAY COA FENCE
Sta. 328+45 Lt. US 41 to 708+50, Lt.
Construct Fence, Woven Wire Type 1 - 102 L.F.

PERFORATED PIPE UNDERDRAIN
Sta. 708+08 to Sta. 708+18, Lt.
Construct 4" Perf. Pipe Underdrain - 30 L.F.

REMOVE CONC MEDIAN
Sta. 702+54 - 705+38 306 S.Y.
Sta. 706+53 - 708+22 197 S.Y.

FOR N. MAIN ST. DETAILS, SEE SHEETS 49 & 51.

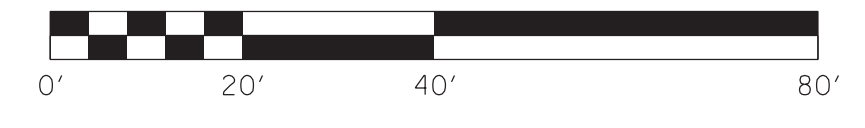


PI STA 707+92.53
Δ = 14° 45' 07", LT
T = 116.51'
L = 231.72'
R = 900.00'
E = 7.51'
e = See Elev. Dev. Sheet

FILE NAME: C:\PLOT\RO2700PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO2700PL
 MicroStation v8.11.7.443

P.No. 85
Split SPE Portfolio 2004-6, LLC
DB640/PG581

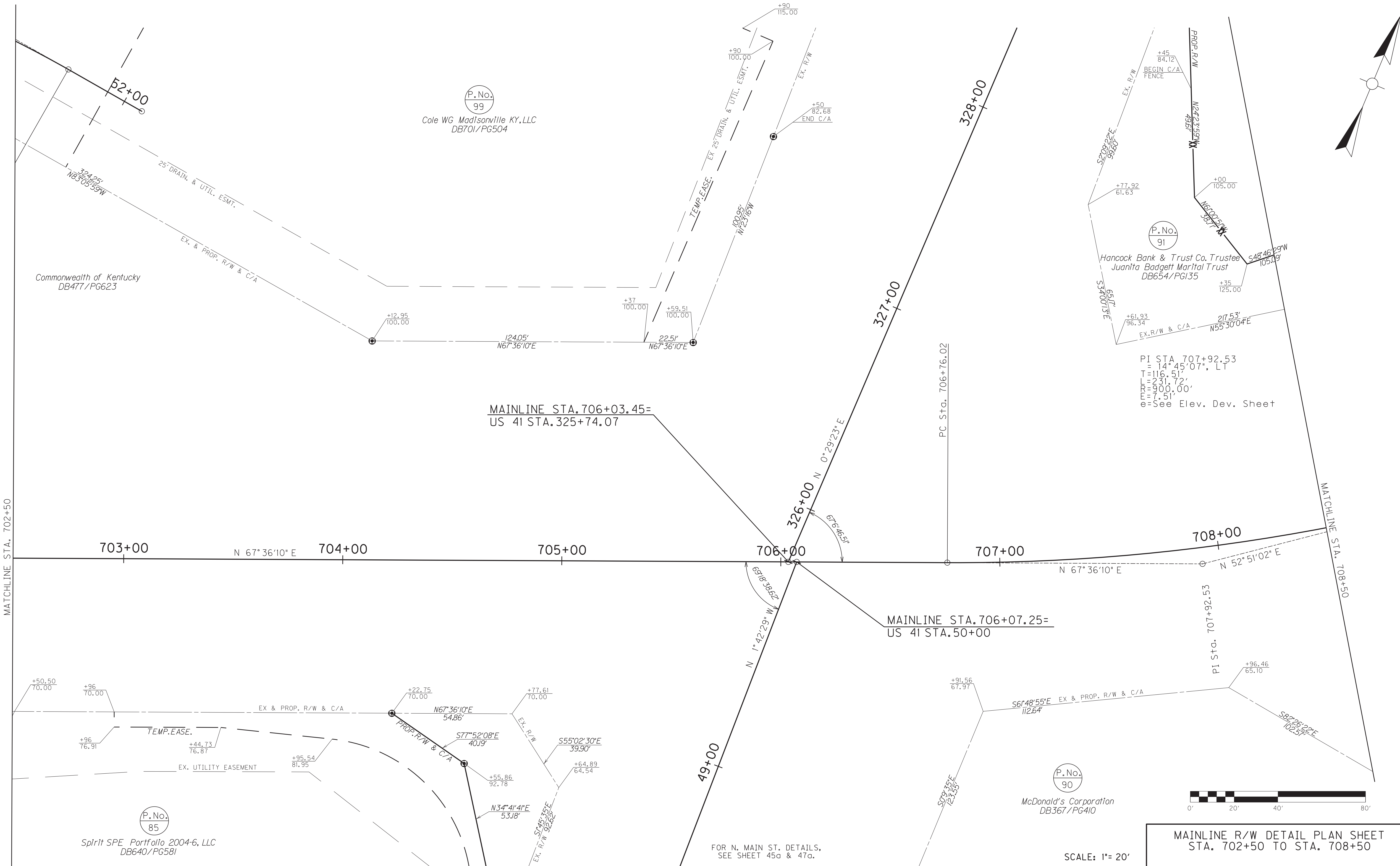
FOR N. MAIN ST. DETAILS, SEE SHEETS 45 & 47.



SCALE: 1"=20'
MAINLINE PLAN SHEET
STA. 702+50 TO STA. 708+50

FOR N. MAIN ST. DETAILS,
SEE SHEET 49a & 51a.

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R27a



P.No. 99
Cole WG Madisonville KY, LLC
DB701/PG504

Commonwealth of Kentucky
DB477/PG623

P.No. 91
Hancock Bank & Trust Co. Trustee
Juanita Badgett Marital Trust
DB654/PG135

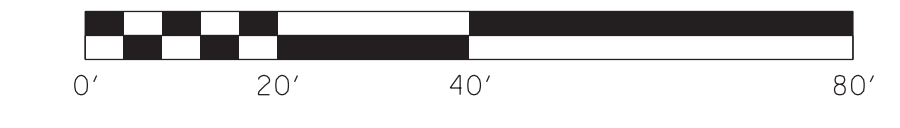
PI STA 707+92.53
= 14°45'07\"/>

MAINLINE STA. 706+07.25=
US 41 STA. 50+00

P.No. 85
Spirit SPE Portfolio 2004-6, LLC
DB640/PG581

P.No. 90
McDonald's Corporation
DB367/PG410

FOR N. MAIN ST. DETAILS,
SEE SHEET 45a & 47a.



MAINLINE R/W DETAIL PLAN SHEET
STA. 702+50 TO STA. 708+50

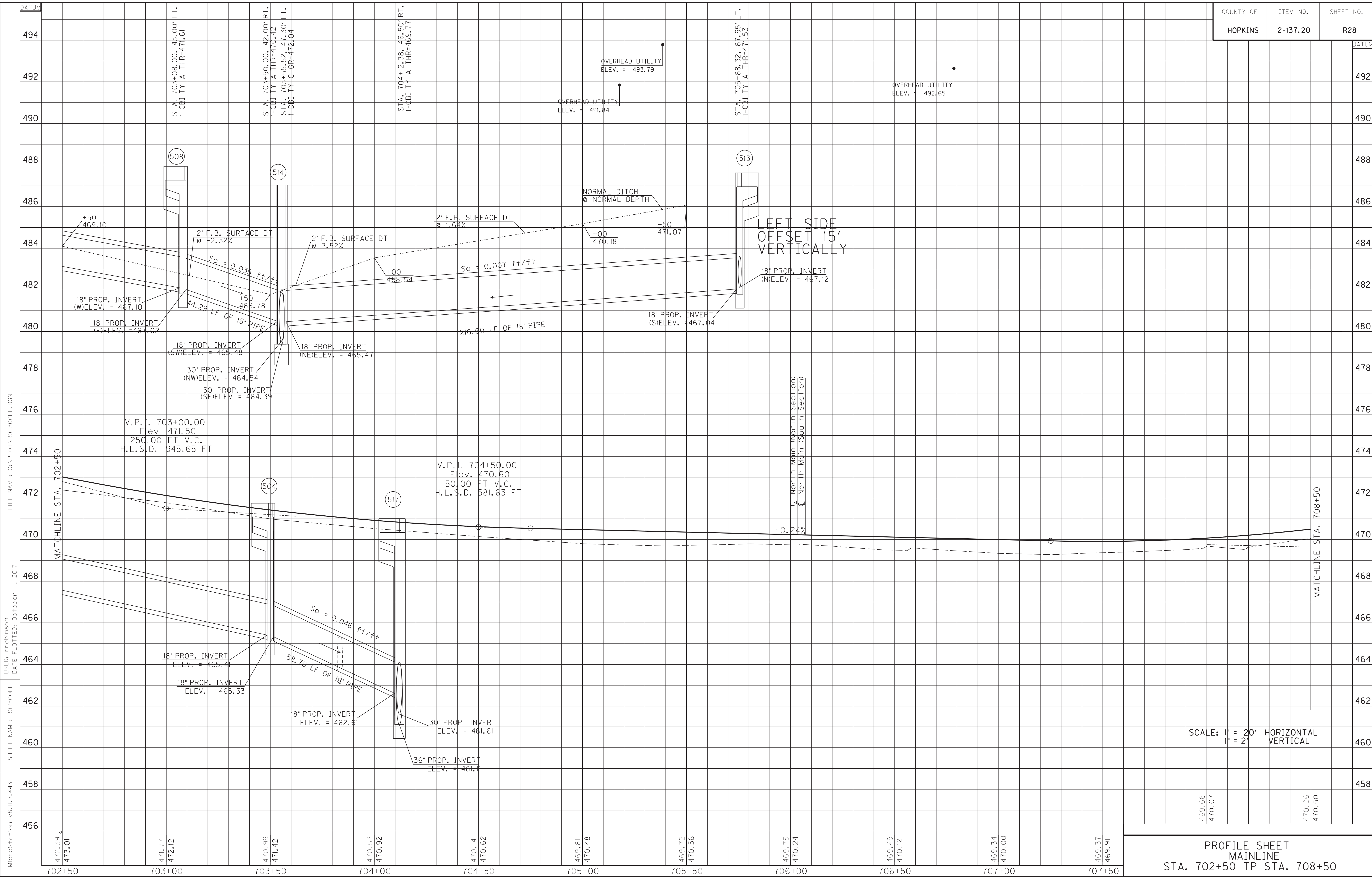
SCALE: 1"= 20'

FILE NAME: C:\PLOT\RO270APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO270APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R02800PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R02800PF.DGN

472.33 473.01	471.77 472.12	470.99 471.42	470.53 470.92	470.14 470.62	469.81 470.48	469.72 470.36	469.75 470.24	469.49 470.12	469.34 470.00	469.37 469.91
702+50	703+00	703+50	704+00	704+50	705+00	705+50	706+00	706+50	707+00	707+50

PROFILE SHEET
 MAINLINE
 STA. 702+50 TP STA. 708+50

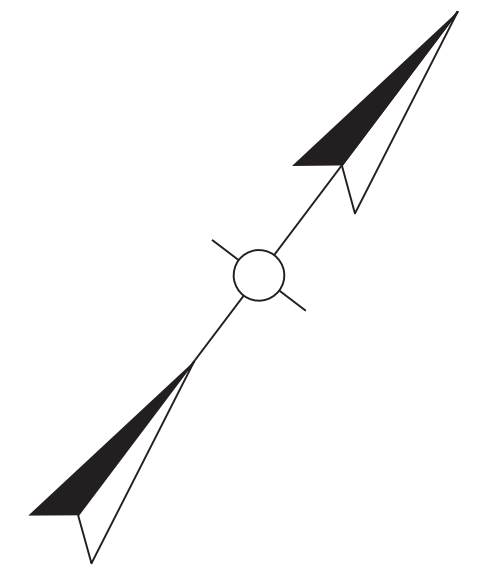
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R29

DITCH CONSTRUCTION LT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
708+50-710+43	2' FB SURF	ECB	1	163 SY
710+43-713+00	2' FB SURF	ECB	1	142 SY

EDGE KEY
Sta. 713+69 to Sta. 716+84
Construct Edge Key 62 L.F.

RIGHT OF WAY COA FENCE
Sta. 708+50 to Sta. 713+00
Construct Woven Wire Fence Type 1 - 444 L.F.

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



P.No. 91
Hancock Bank & Trust Co. Trustee
Juanita Badgett Marital Trust
DB654/PG135

PI STA. 707+92.53
Δ = 14° 45' 07", LT
T = 116.51'
L = 231.72'
R = 900.00'
E = 7.51'
e = See Elev. Dev. Sheet.

END SECTION 2 R/W
STA. 713+00

END CONSTRUCTION
SECTION 2
STA. 713+83.70

PI STA. 716+34.74
Δ = 19° 16' 40", RT
T = 334.32'
L = 662.32'
R = 1968.48'
E = 28.19'
e = See Elev. Dev. Sheet.

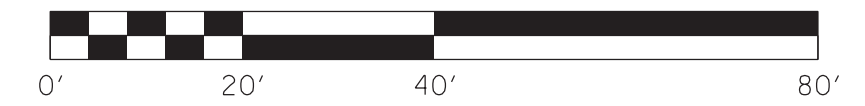
FILE NAME: G:\PLOT\RO2900PL.DGN
USER: rrobinson
DATE PLOTTED: October 10, 2017
E-SHEET NAME: RO2900PL
MicroStation v8.11.7.443

MATCHLINE STA. 708+50

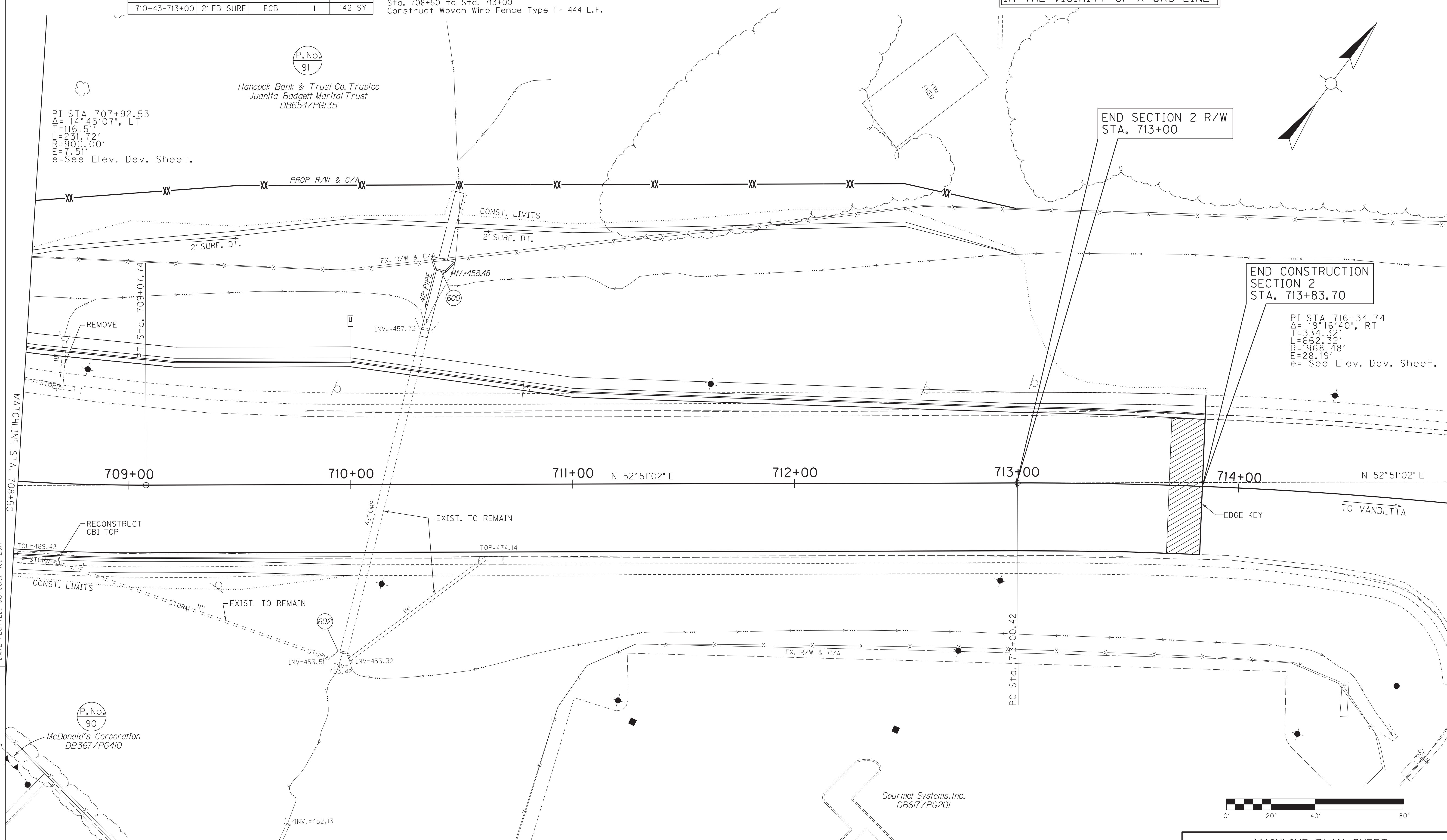
RECONSTRUCT CBI TOP
TOP=469.43

P.No. 90
McDonald's Corporation
DB367/PG410

Gourmet Systems, Inc.
DB617/PG201



SCALE: 1"=20'
MAINLINE PLAN SHEET
STA. 708+50 TO STA. 714+95

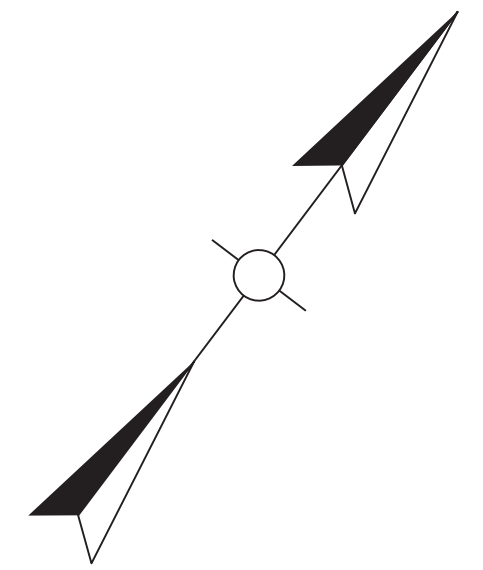


COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R29a

P.No.
91

Hancock Bank & Trust Co. Trustee
Juanita Badgett Marital Trust
DB654/PG135

PI STA. 707+92.53
Δ = 14° 45' 07" LT
T = 116.51'
L = 231.72'
R = 900.00'
E = 7.51'
e = See Elev. Dev. Sheet.



END SECTION 2 R/W
STA. 713+00

END CONSTRUCTION
STA. 713+83.70

PI STA. 716+34.74
Δ = 19° 16' 40" RT
T = 334.32'
L = 662.32'
R = 1968.48'
E = 28.19'
e = See Elev. Dev. Sheet.

FILE NAME: C:\PLOT\RO290APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO290APL

MicroStation v8.11.7.443

MATCHLINE STA. 708+50

709+00

710+00

711+00

712+00

713+00

714+00

N 52° 51' 02" E

N 52° 51' 02" E

PT Sta. 709+07.74

PC Sta. 713+00.42

217.53'
N55°30'04"E

+95.40
96.81

263.96'
N46°41'06"E

+50
135.00

42.19'
N54°44'46"E

+00
123.76

269.59'
N54°44'46"E

S82°26'22"E
102.57'

P.No.
90

McDonald's Corporation
DB367/PG410

+67.45
130.92

+93.01
100.52

+06.09
81.87

S29°25'21"W
24.37'

+28.45
72.18

N54°16'57"E
131.27'

+59.68
75.46

N54°33'30"E
134.01'

+97.47
77.16

N56°39'36"E
29.94'

+28.64
71.43

N67°14'48"E
23.01'

+51.27
85.07

S73°43'25"E
21.95'

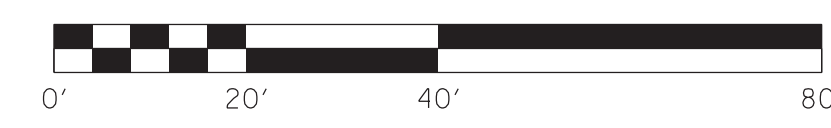
+70.63
106.07

S71°09'48"E
16.10'

+75.63
121.80

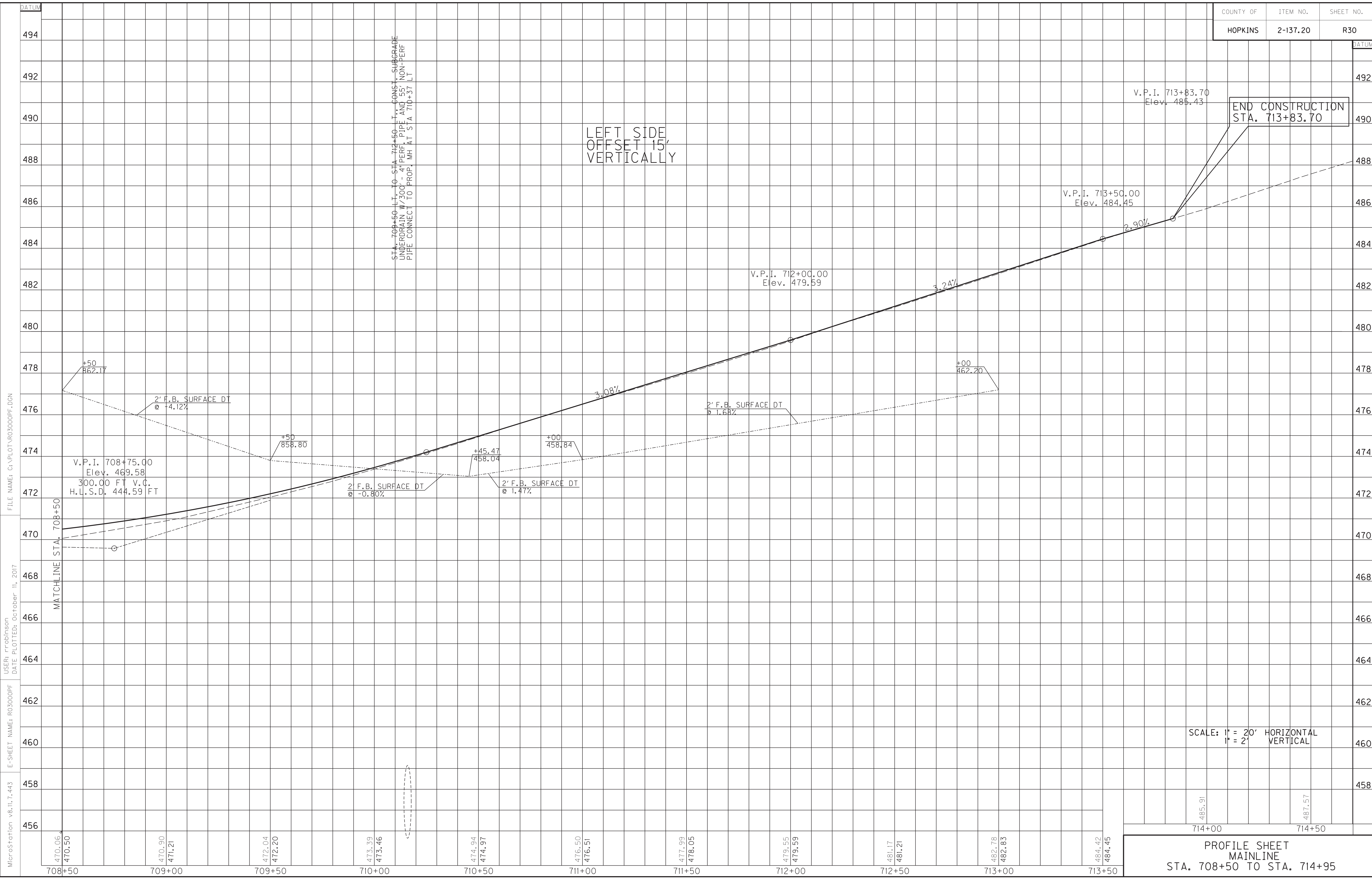
S82°25'48"W
67.03'

Gourmet Systems, Inc.
DB617/PG201



SCALE: 1" = 20'

MAINLINE R/W DETAIL PLAN SHEET
STA. 708+50 TO STA. 713+00

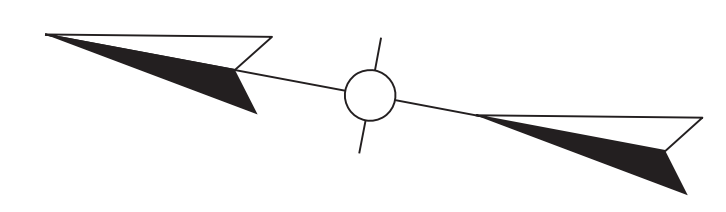


MicroStation v8.11.7.443
 E-SHEET NAME: R03000PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R03000PF.DGN

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
MAINLINE
STA. 708+50 TO STA. 714+95

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. SURF. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
46+96, RT	24		194	16	32	67		OIN. - 0 FT.
47+69, RT	24		134	11	22	46		OIN. - 0 FT.
50+81, LT	Var		234	19	39	81		OIN. - 0 FT.
51+25, LT	Var		334	28	55	115		OIN. - 0 FT.

P.No. 50
Richard Lee Sanderson & Sidney Sanderson
DB517/PG513

BEGIN CONSTRUCTION APPR. RD. 640+34 STA. 46+63.64

MAINLINE STA. 640+34= APPR. RD. 50+00

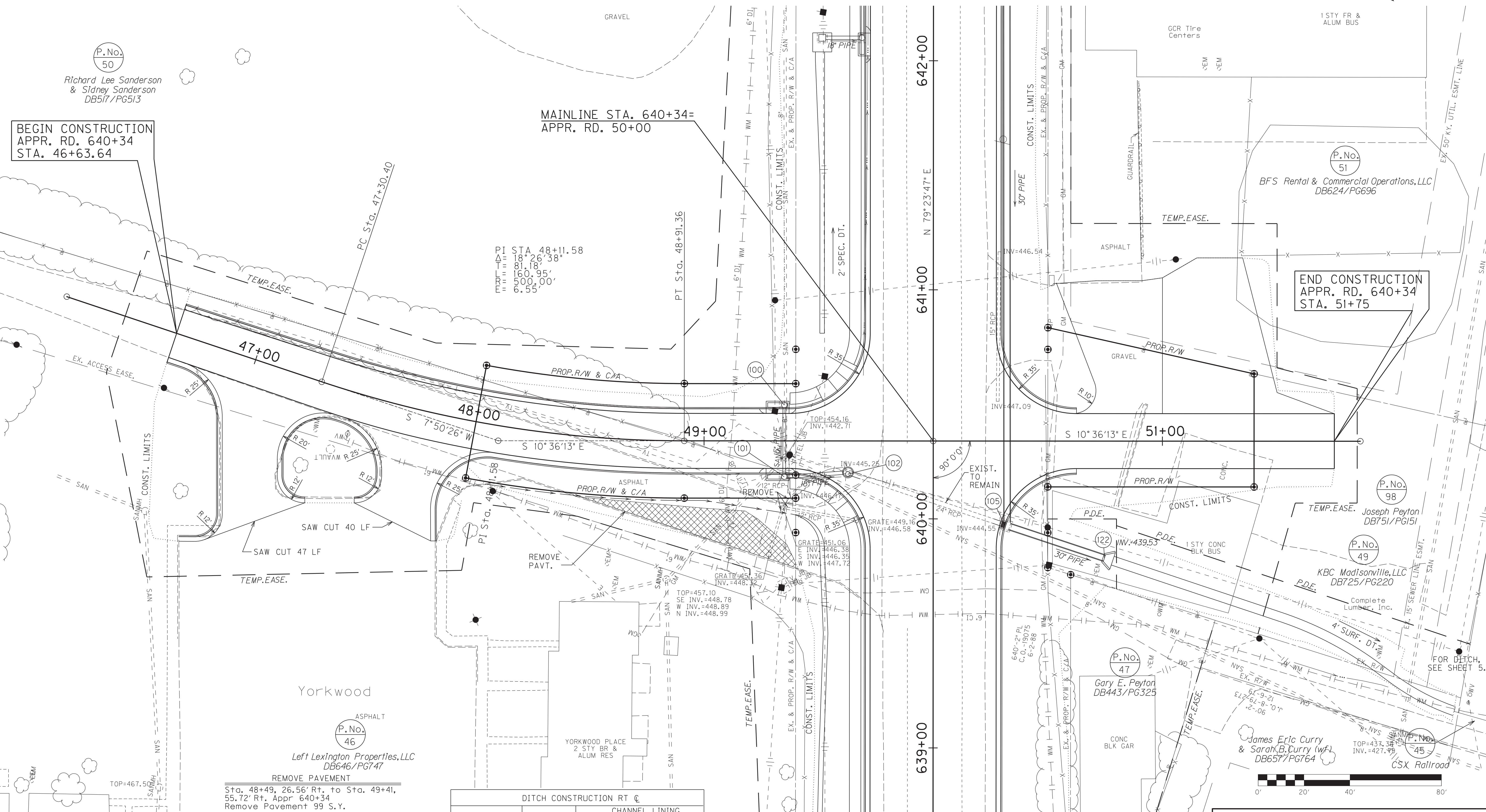
END CONSTRUCTION APPR. RD. 640+34 STA. 51+75

FILE NAME: C:\PLOT\RO3100PL.DGN

USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: RO3100PL

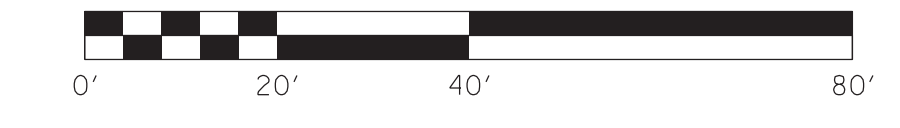
MicroStation v8.11.7.443



REMOVE PAVEMENT
Sta. 48+49, 26.56' Rt. to Sta. 49+41,
55.72' Rt. Appr 640+34
Remove Pavement 99 S.Y.

EDGE KEY
Sta. 51+60 to Sta. 51+75
Construct Edge Key 24 L.F.

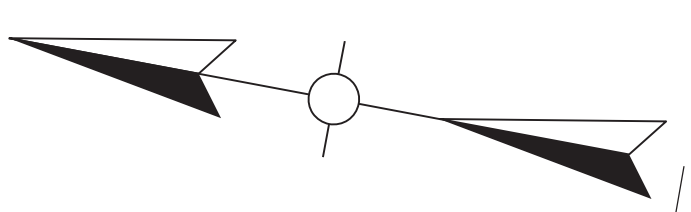
DITCH CONSTRUCTION RT C				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
48+09-49+00	NORMAL DT	ECB	1	81 SY
49+00-49+37.79	SPEC "V" DT	ECB	1	34 SY



SCALE: 1" = 20'

APPROACH ROAD 640+34 PLAN SHEET

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R31a



P.No.
50

Richard Lee Sanderson
& Sidney Sanderson
DB517/P6513

P.No.
51

BFS Rental & Commercial Operations, LLC
DB624/P6696

BEGIN R/W
APPR. RD. 640+34
STA. 46+40

MAINLINE STA. 640+34=
APPR. RD. 50+00

END R/W
APPR. RD. 640+34
STA. 51+85

FILE NAME: C:\PLOT\RO310A\PL_00N

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO310A\PL

MicroStation v8.11.7.443

P.No.
46

Left Lexington Properties, LLC
DB646/P6747

P.No.
98

Joseph Peyton
DB751/P6151

P.No.
49

KBC Madisonville, LLC
DB725/P6220

P.No.
47

Gary E. Peyton
DB443/P6325

P.No.
45

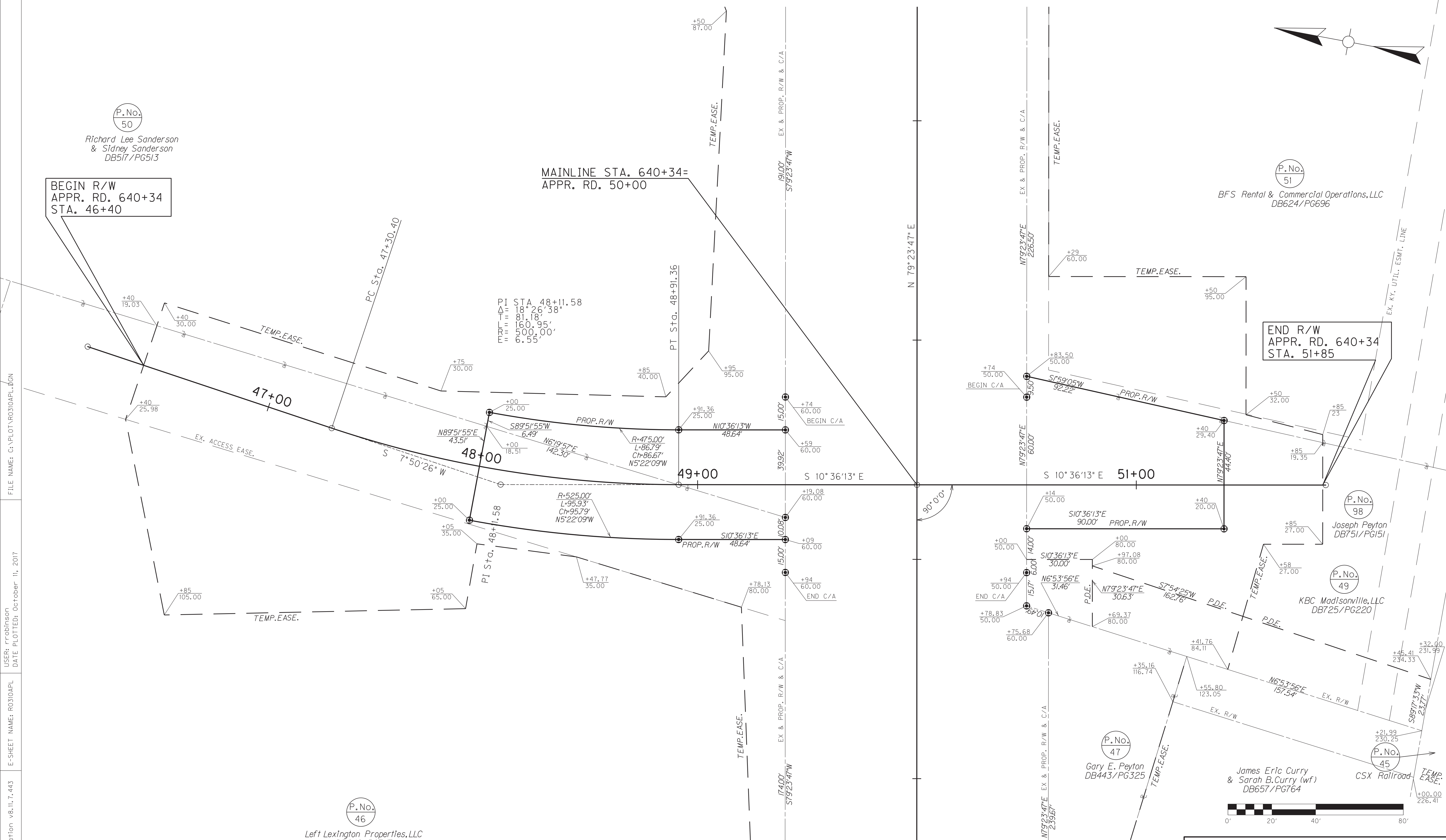
James Eric Curry
& Sarah B. Curry (wf)
DB657/P6764

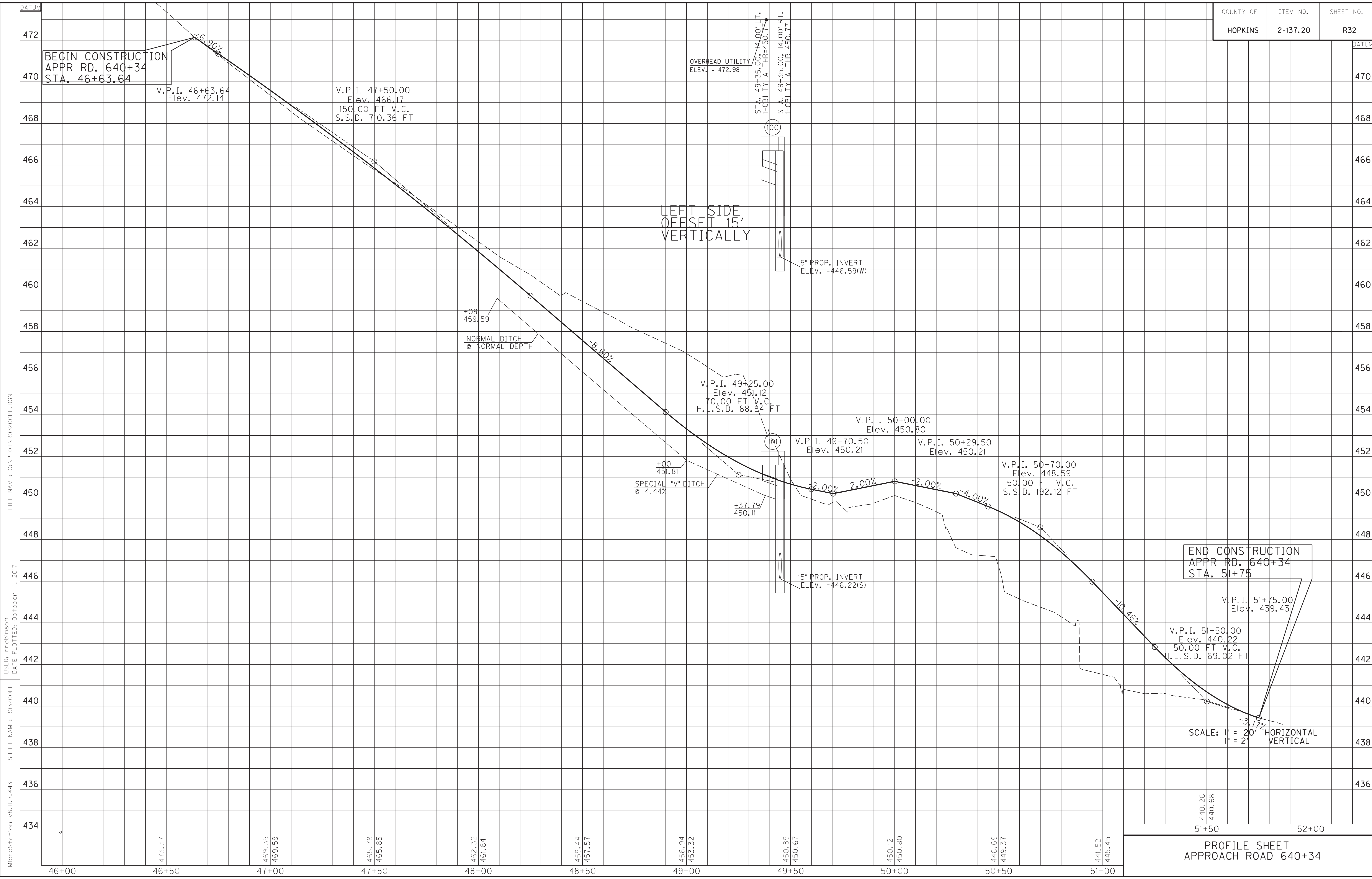
CSX Railroad



APPROACH ROAD 640+34
R/W DETAIL PLAN SHEET

SCALE: 1" = 20'





MicroStation v8.11.7.443
 E-SHEET NAME: R03200PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R03200PF.DGN

END CONSTRUCTION
 APPR RD. 640+34
 STA. 51+75

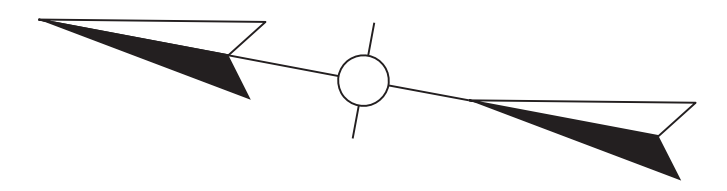
SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 APPROACH ROAD 640+34

DATUM

DATUM

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
46+90, RT	40		122	10	20	42		0IN. - 0 FT.
48+85, RT	30	86	234	19	28	59		0IN. - 0 FT.
50+80, LT	16	154	77	6		35		0IN. - 0 FT.
51+00, RT	NC		115	10				

DITCH CONSTRUCTION LT ☺				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
47+22-49+00	NORM	E.C.B.	1	129 SY
49+00-49+48	2'FB SPEC	E.C.B.	1	43 SY

EDGE KEY
Sta. 46+25 to Sta. 46+40 Dodson Ln.
Construct Edge Key 19 L.F.

P.No. 55
George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293

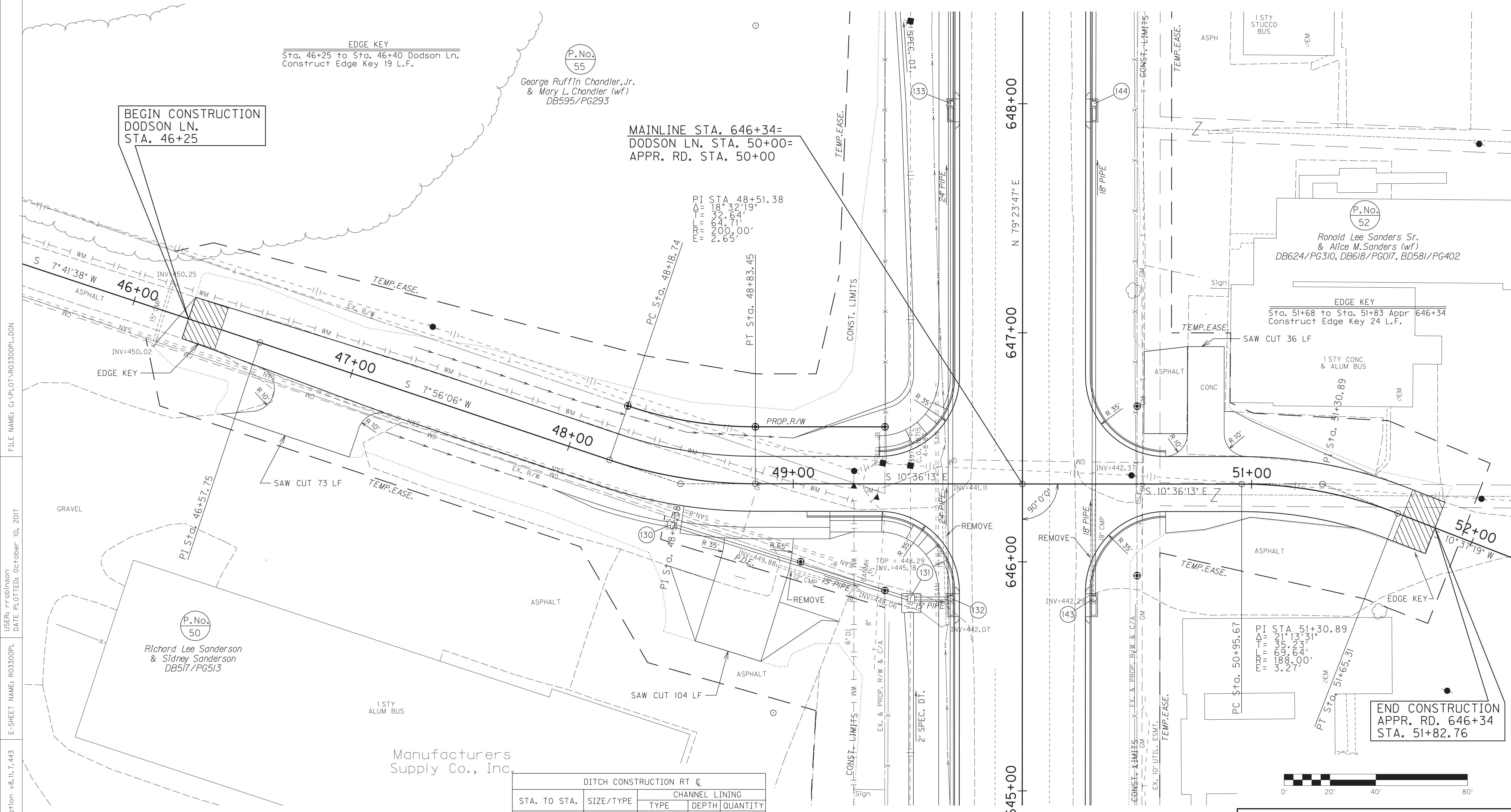
MAINLINE STA. 646+34=
DODSON LN. STA. 50+00=
APPR. RD. STA. 50+00

PI STA. 48+51.38
Δ = 18°32'19"
T = 32.64'
R = 64.71'
E = 200.00'
F = 2.65'

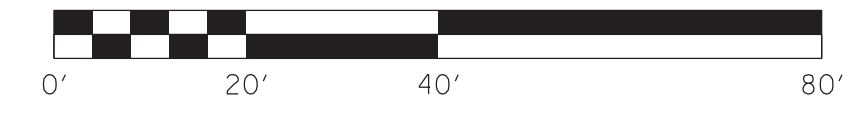
P.No. 52
Ronald Lee Sanders Sr.
& Alice M. Sanders (wf)
DB624/PG310, DB618/PG017, BD581/PG402

EDGE KEY
Sta. 51+68 to Sta. 51+83 Appr 646+34
Construct Edge Key 24 L.F.

END CONSTRUCTION
APPR. RD. 646+34
STA. 51+82.76



DITCH CONSTRUCTION RT ☺				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
47+22-48+00	NORM	E.C.B.	1	57 SY
48+00-48+51	2'FB SPEC	E.C.B.	1	36 SY

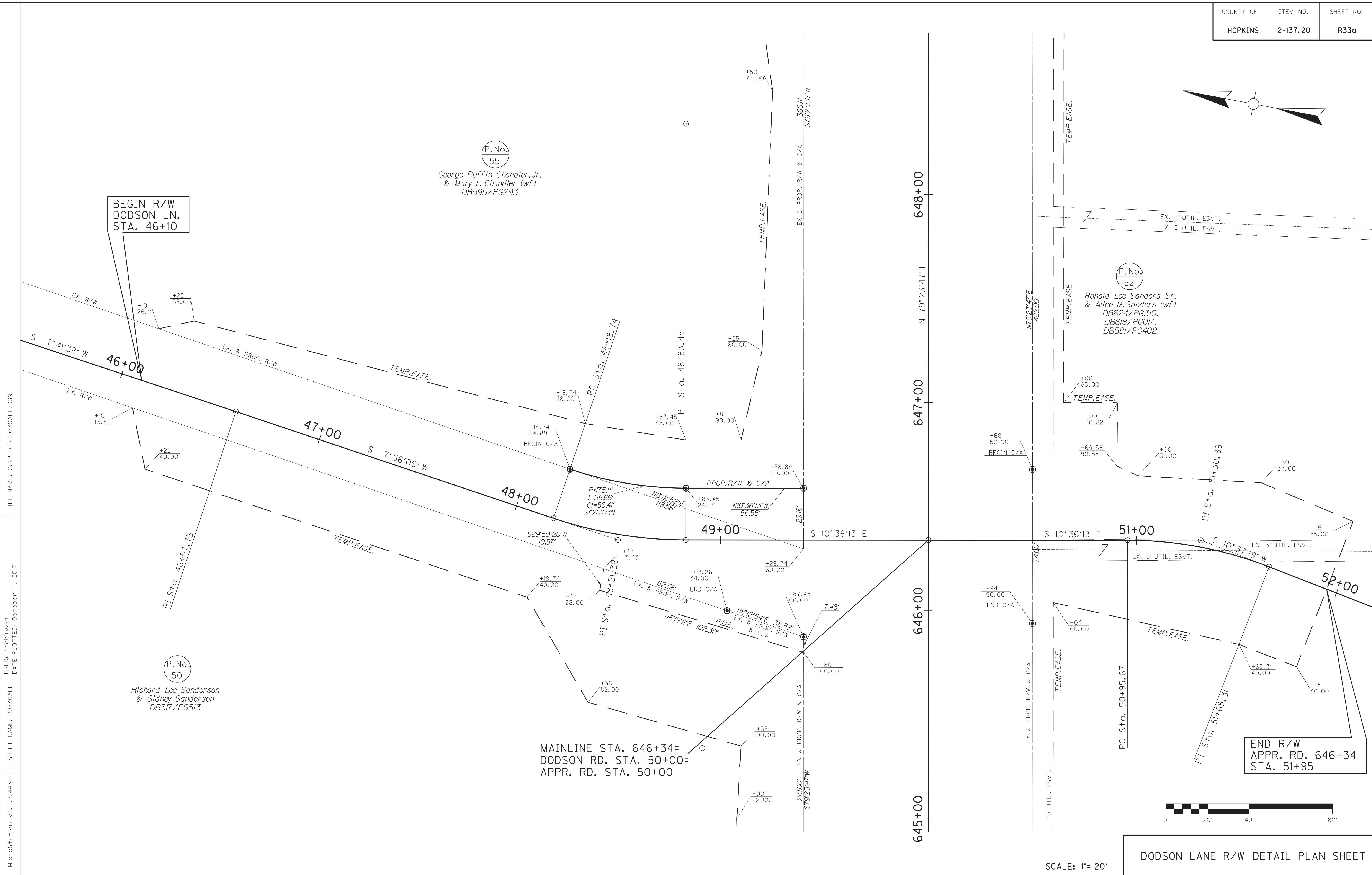
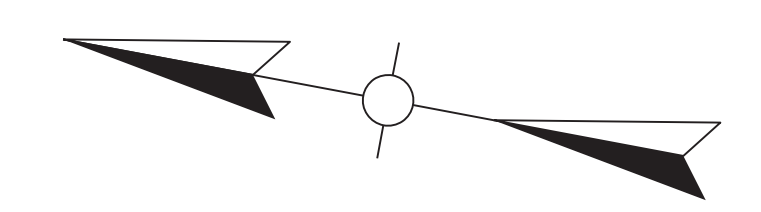


SCALE: 1" = 20'

DODSON LANE PLAN SHEET

FILE NAME: C:\PLOT\RO3300PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO3300PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R33a



P.No.
55

George Ruffin Chandler, Jr.
& Mary L. Chandler (wf)
DB595/PG293

P.No.
52

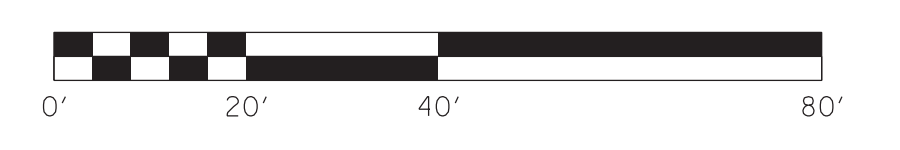
Ronald Lee Sanders Sr.
& Alice M. Sanders (wf)
DB624/PG310,
DB618/PG017,
DB581/PG402

P.No.
50

Richard Lee Sanderson
& Sidney Sanderson
DB517/PG513

MAINLINE STA. 646+34=
DODSON RD. STA. 50+00=
APPR. RD. STA. 50+00

END R/W
APPR. RD. 646+34
STA. 51+95



SCALE: 1"= 20'

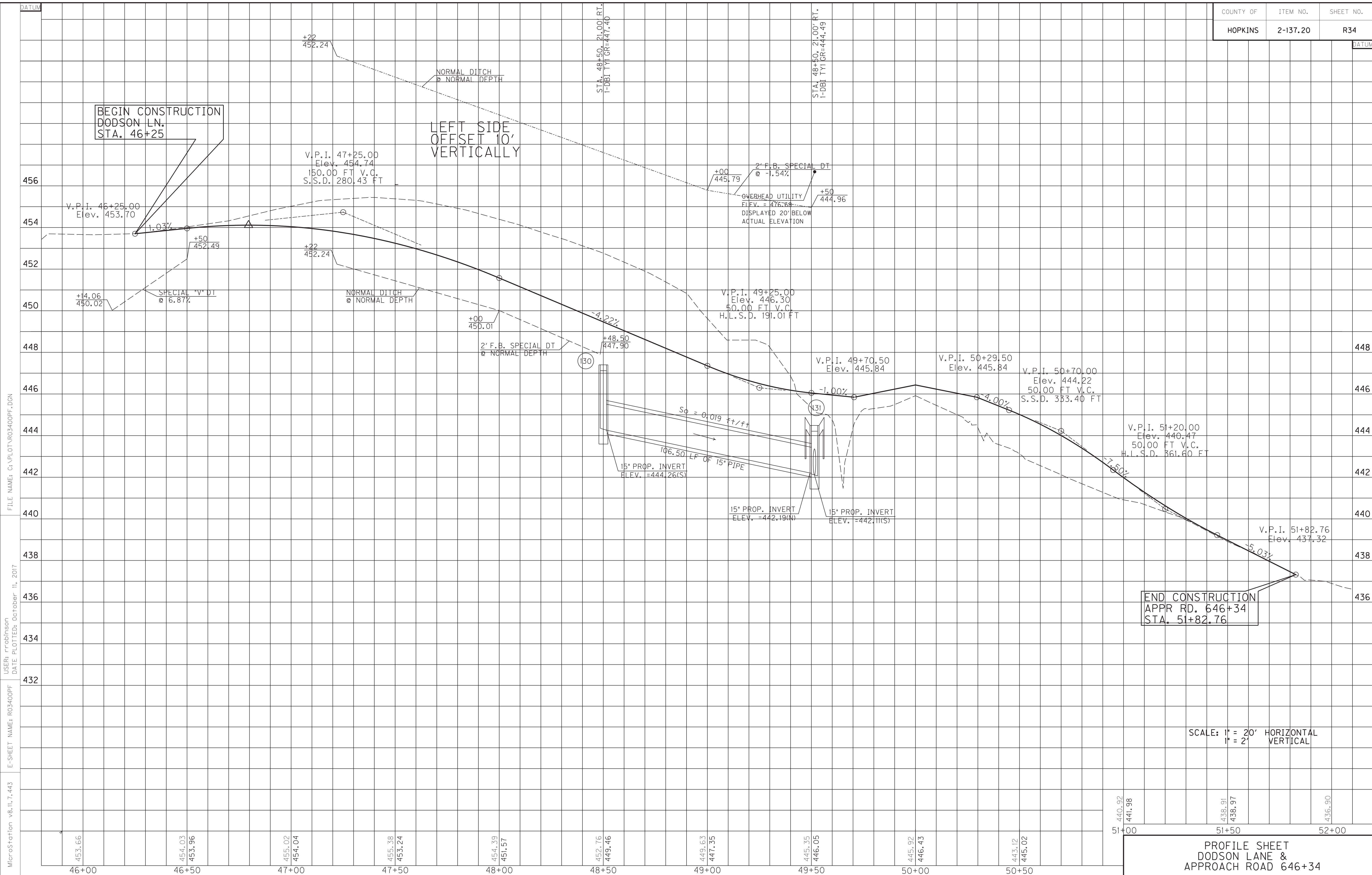
DODSON LANE R/W DETAIL PLAN SHEET

FILE NAME: C:\PLOT\R0330APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0330APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R03400PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R03400PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 DODSON LANE &
 APPROACH ROAD 646+34

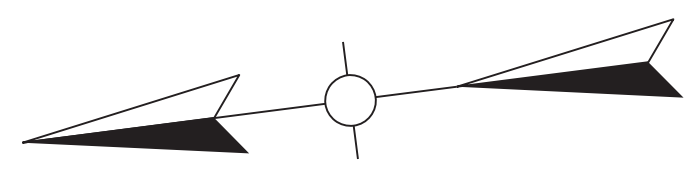
ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT.(SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
47+16, LT	23		111	9	18	38		OIN. - 0 FT.
48+54, LT	20	69	107	9	18	37		OIN. - 0 FT.
46+20, RT	17		20	2	3	7		OIN. - 0 FT.
46+43, RT	30		43	4	6	15		OIN. - 0 FT.
46+90, RT	21.5		41	3	7	14		OIN. - 0 FT.

EDGE KEY
Sta. 46+90 to Sta. 47+20 Pride Ave.
Construct Edge Key 17 L.F.

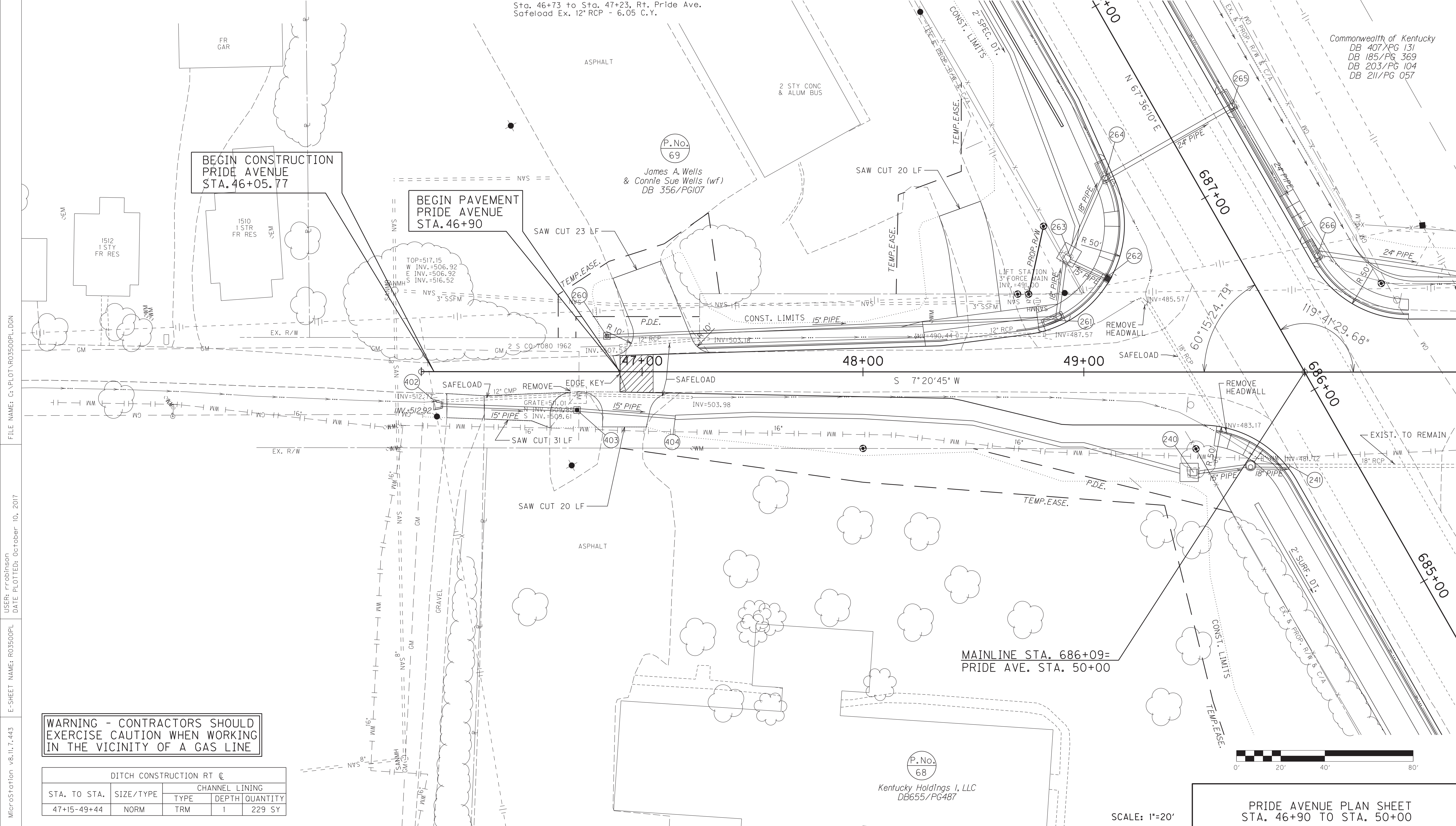
SAFELOAD
Sta. 46+90 to Sta. 47+32, Lt. Pride Ave.
Safeload Ex. 12" RCP - 4.77 C.Y.

Sta. 46+07 to Sta. 46+70, Rt. Pride Ave.
Safeload Ex. 12" CMP - 7.44 C.Y.

Sta. 46+73 to Sta. 47+23, Rt. Pride Ave.
Safeload Ex. 12" RCP - 6.05 C.Y.



Commonwealth of Kentucky
DB 407/PG 131
DB 185/PG 369
DB 203/PG 104
DB 211/PG 057

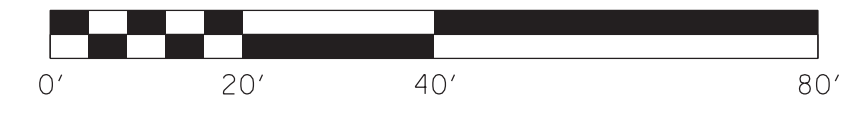


FILE NAME: G:\PLOT\RO3500PL.DGN
USER: rrobinson
DATE PLOTTED: October 10, 2017
E-SHEET NAME: RO3500PL
MicroStation v8.11.7.443

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

DITCH CONSTRUCTION RT @				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
47+15-49+44	NORM	TRM	1	229 SY

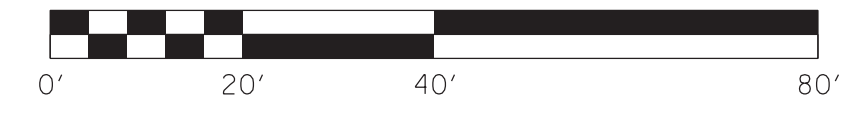
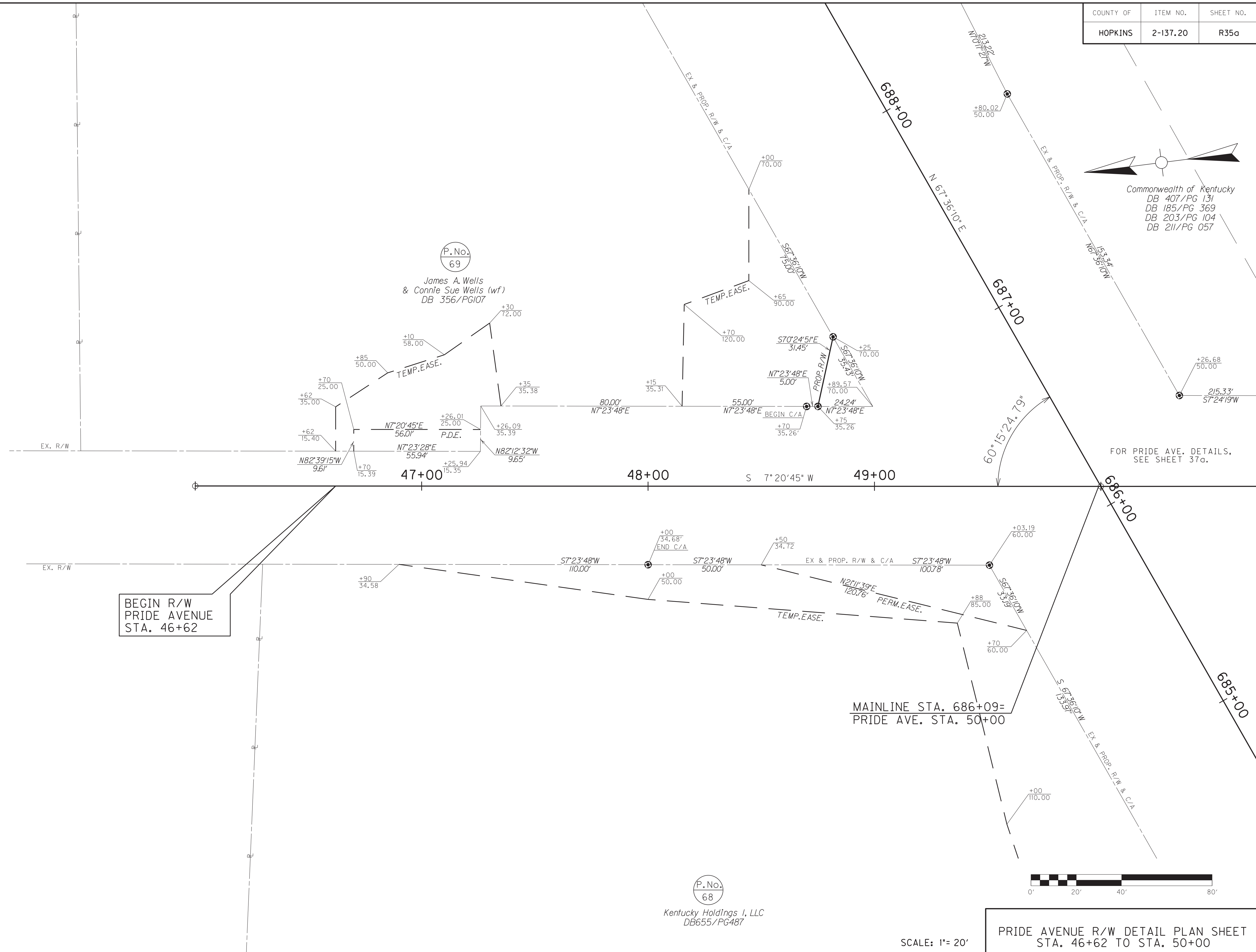
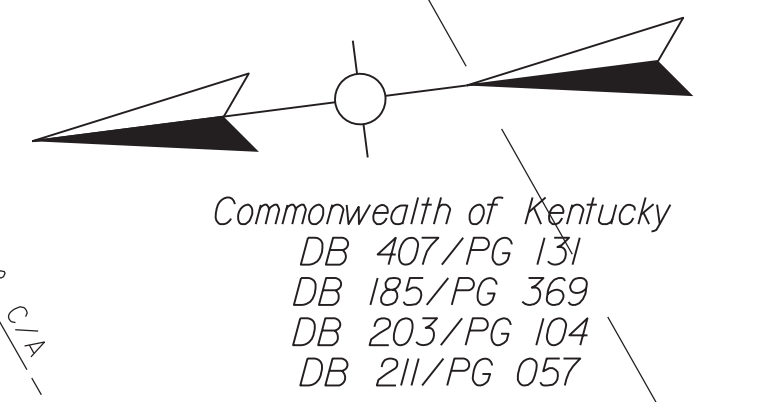
(P.No. 68)
Kentucky Holdings I, LLC
DB655/PG487



SCALE: 1"=20'

PRIDE AVENUE PLAN SHEET
STA. 46+90 TO STA. 50+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R35a



SCALE: 1"= 20'

PRIDE AVENUE R/W DETAIL PLAN SHEET
STA. 46+62 TO STA. 50+00

(P.No.)
68

Kentucky Holdings I, LLC
DB655/PG487

(P.No.)
69

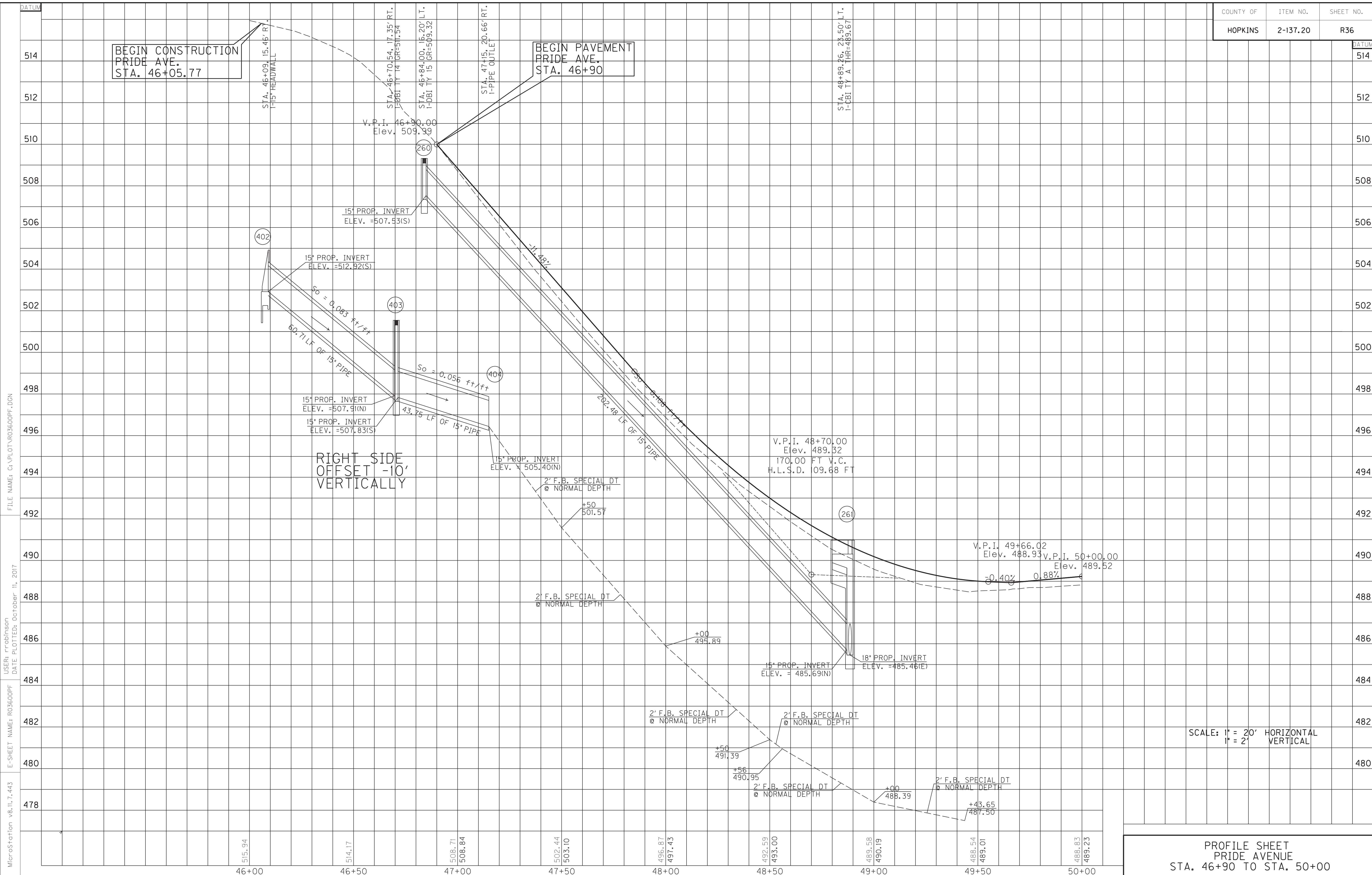
James A. Wells
& Connie Sue Wells (wf)
DB 356/PG107

FILE NAME: C:\PLOT\RO350APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO350APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R03600PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R03600PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

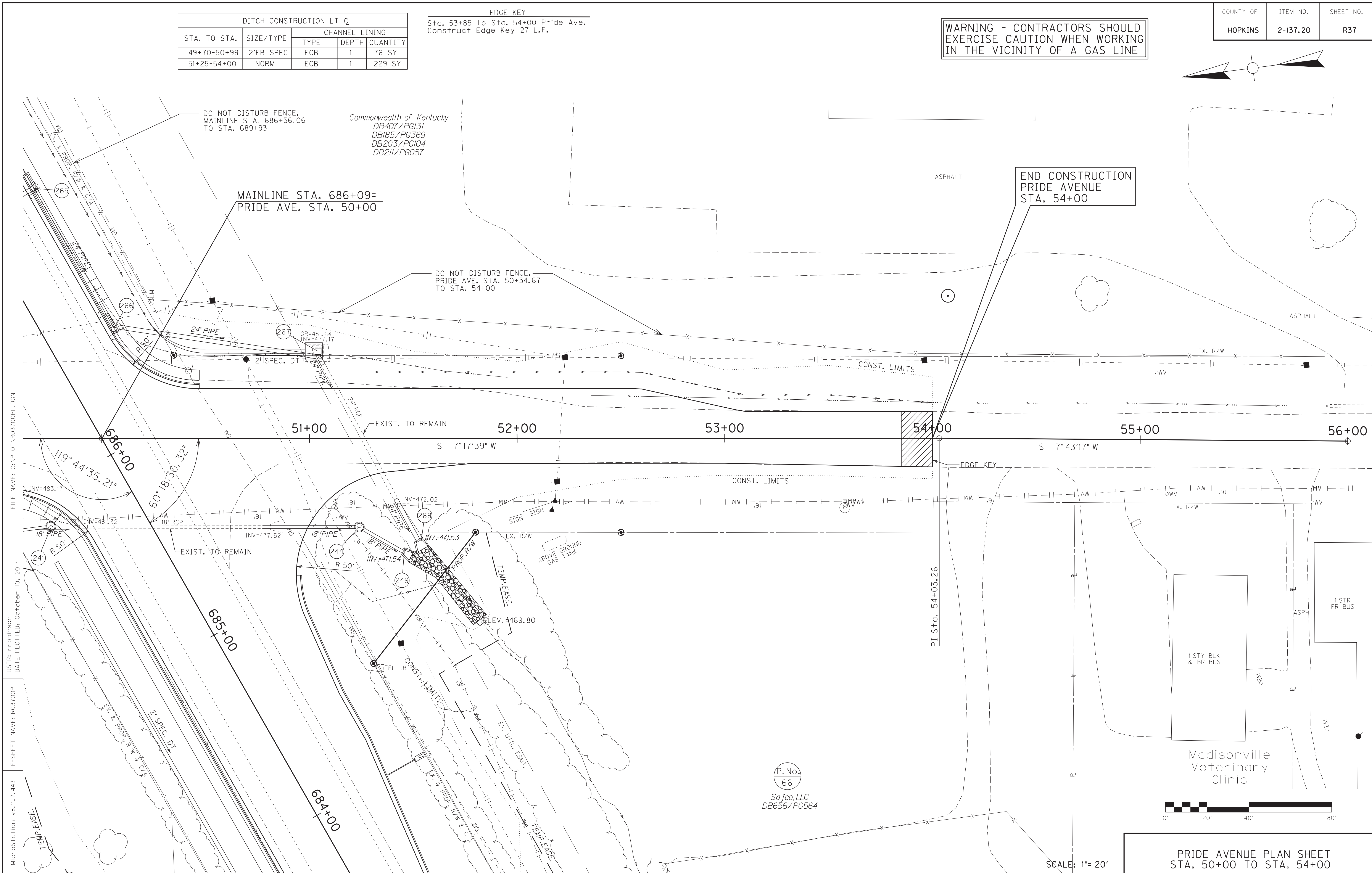
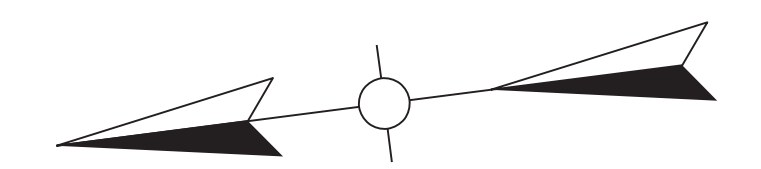
PROFILE SHEET
 PRIDE AVENUE
 STA. 46+90 TO STA. 50+00

DITCH CONSTRUCTION LT @				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
49+70-50+99	2'FB SPEC	ECB	1	76 SY
51+25-54+00	NORM	ECB	1	229 SY

EDGE KEY
Sta. 53+85 to Sta. 54+00 Pride Ave.
Construct Edge Key 27 L.F.

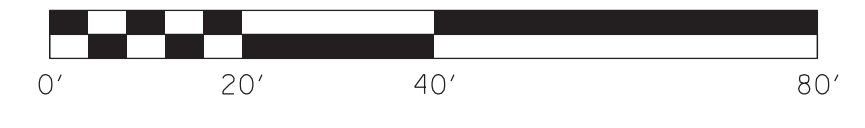
WARNING - CONTRACTORS SHOULD
EXERCISE CAUTION WHEN WORKING
IN THE VICINITY OF A GAS LINE

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R37



FILE NAME: C:\PLOT\RO3700PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO3700PL
 MicroStation v8.11.7.443

(P.No.)
66
Sajco, LLC
DB656/PG564

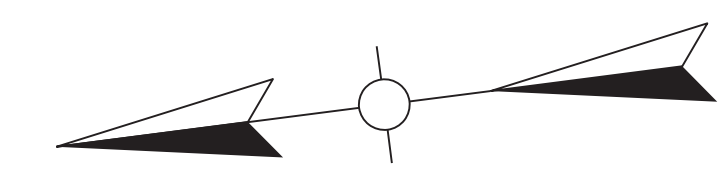


PRIDE AVENUE PLAN SHEET
STA. 50+00 TO STA. 54+00

SCALE: 1" = 20'

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R37a

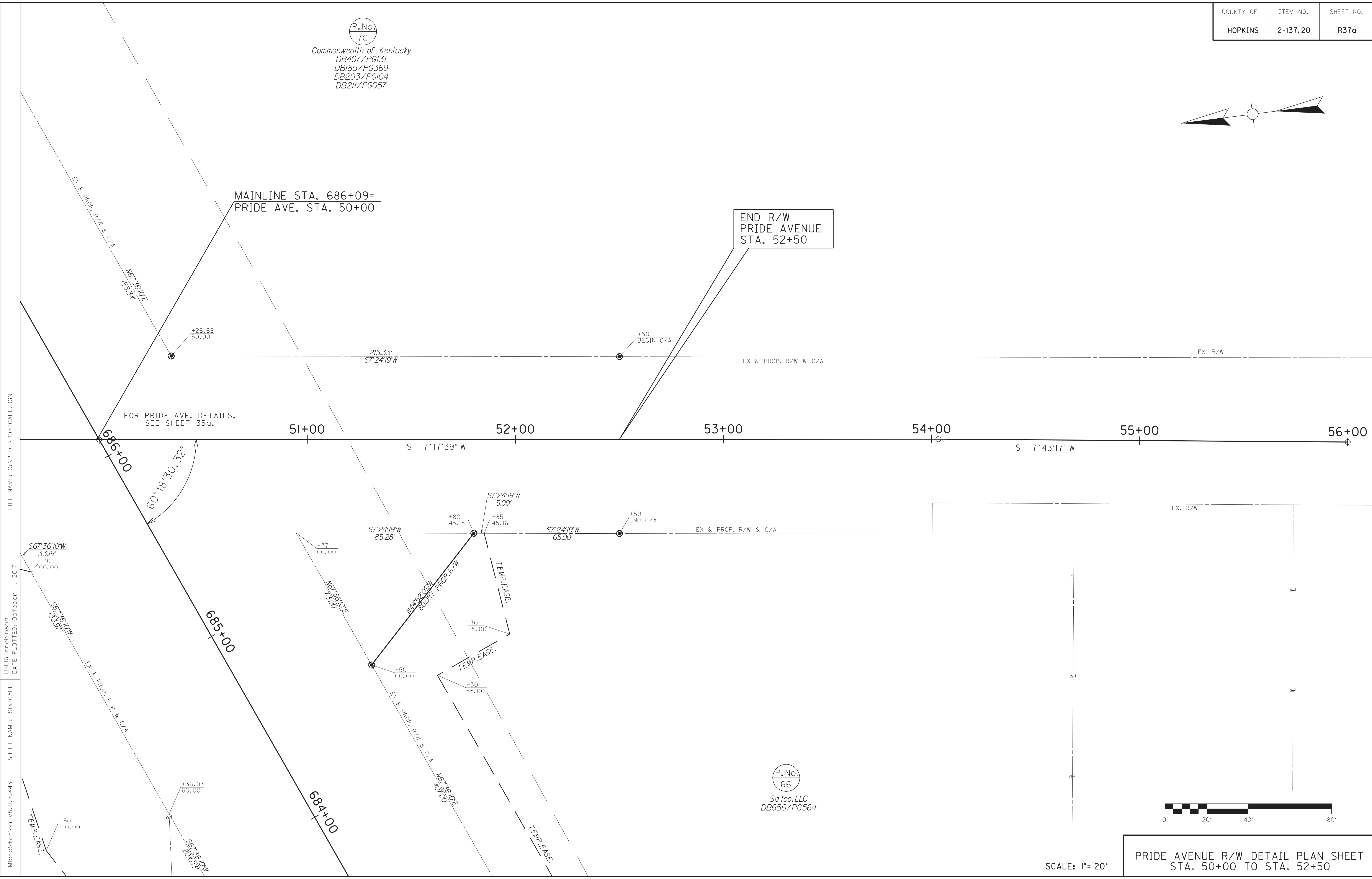
P.No.
70
Commonwealth of Kentucky
DB407/PG131
DB185/PG369
DB203/PG104
DB211/PG057



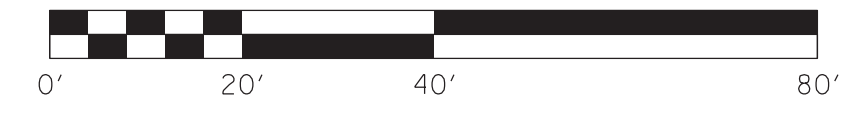
FILE NAME: G:\PLOT\RO370APL.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: R0370APL
MicroStation v8.11.7.443

MAINLINE STA. 686+09=
PRIDE AVE. STA. 50+00

END R/W
PRIDE AVENUE
STA. 52+50

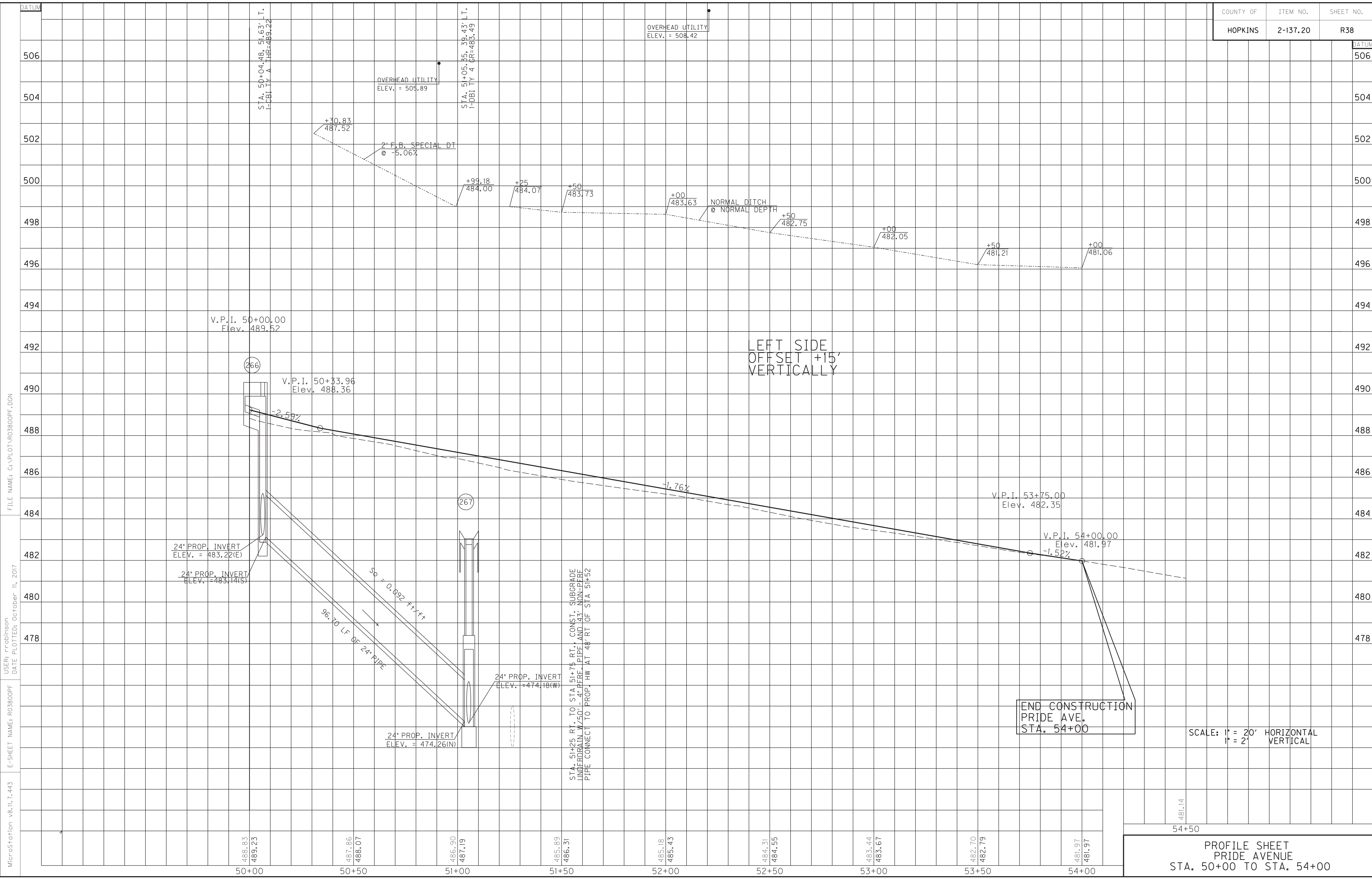


P.No.
66
Sajco, LLC
DB656/PG564



SCALE: 1" = 20'

PRIDE AVENUE R/W DETAIL PLAN SHEET
STA. 50+00 TO STA. 52+50



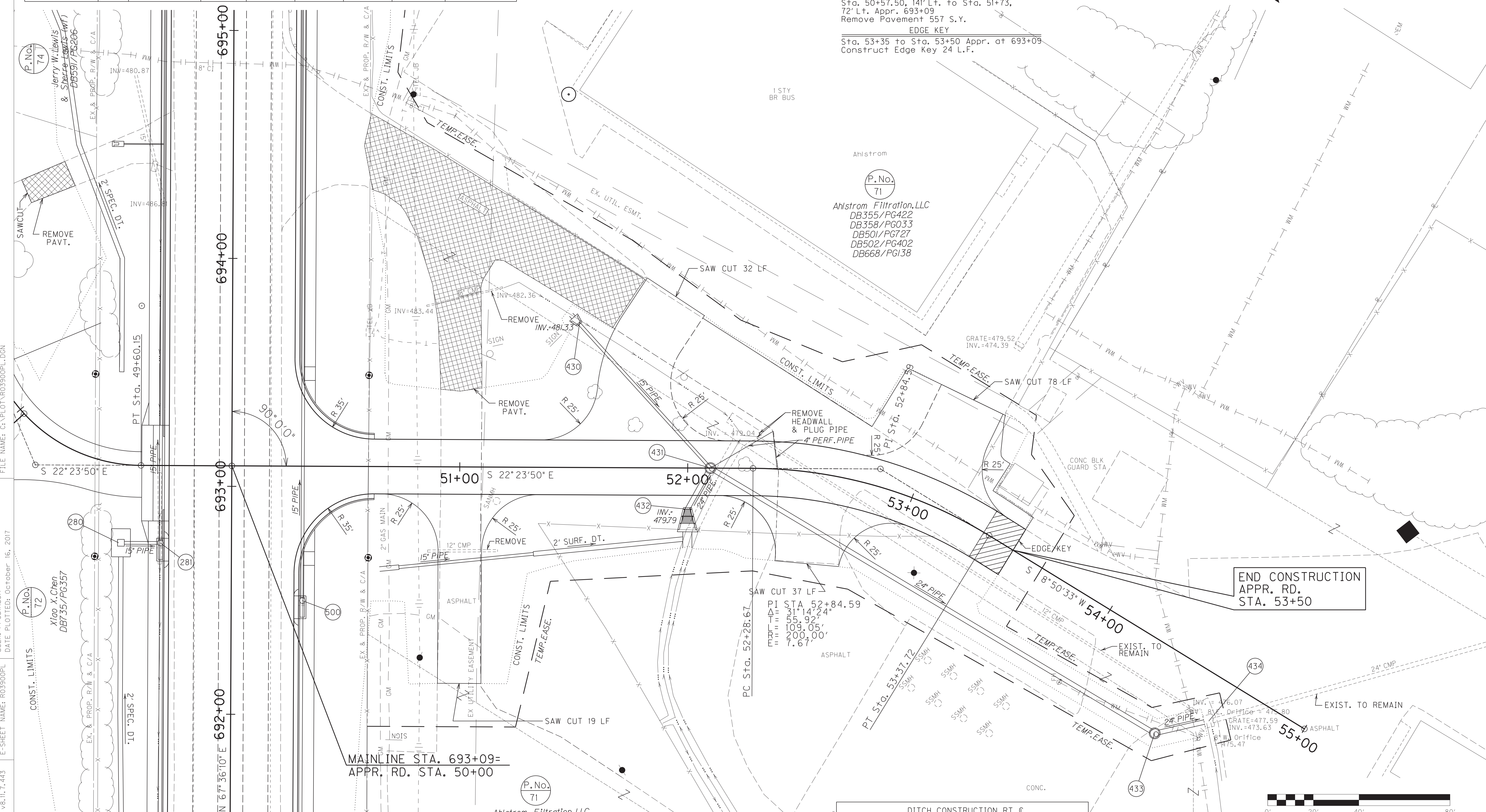
MicroStation v8.11.7.443
 E-SHEET NAME: R03800PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R03800PF.DGN

481.14
 54+50
PROFILE SHEET
PRIDE AVENUE
STA. 50+00 TO STA. 54+00

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	ENTRANCES					PIPE (DIA. - LENGTH)
			SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	
51+00, RT	19		206	17	34	71		15IN. - 59FT.
51+75, LT	30		694	57	43	91		0IN. - 0 FT.
52+56, RT	28		126	10	21	44		0IN. - 0 FT.
53+05, LT	30		256	21	25	52		0IN. - 0 FT.

- PLUG PIPE**
Sta. 52+30, Lt. Appr. 693+09
Plug Ex. 12" CMP - 1 Each
- PERFORATED PIPE UNDERDRAIN**
Sta. 52+10 to Sta. 52+40 Appr. 693+09
Construct 4" Perf. Pipe Underdrain - 48 L.F.
- REMOVE PAVEMENT**
Sta. 50+57.50, 141' Lt. to Sta. 51+73,
72' Lt. Appr. 693+09
Remove Pavement 557 S.Y.
- EDGE KEY**
Sta. 53+35 to Sta. 53+50 Appr. at 693+09
Construct Edge Key 24 L.F.



FILE NAME: G:\PLOT\RO3900PL.DGN

USER: rrobinson
DATE PLOTTED: October 16, 2017

E-SHEET NAME: RO3900PL

MicroStation v8.11.7.443

P.No. 72
Xiao X. Chen
DB735/PG357

P.No. 71
Ahstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

STA. TO STA.	SIZE/TYPE	CHANNEL LINING	
		TYPE	DEPTH QUANTITY
50+65-50+74	2' FB SURF	ECB	1 10 SY
51+33-51+98	2' FB SURF	ECB	1 73 SY

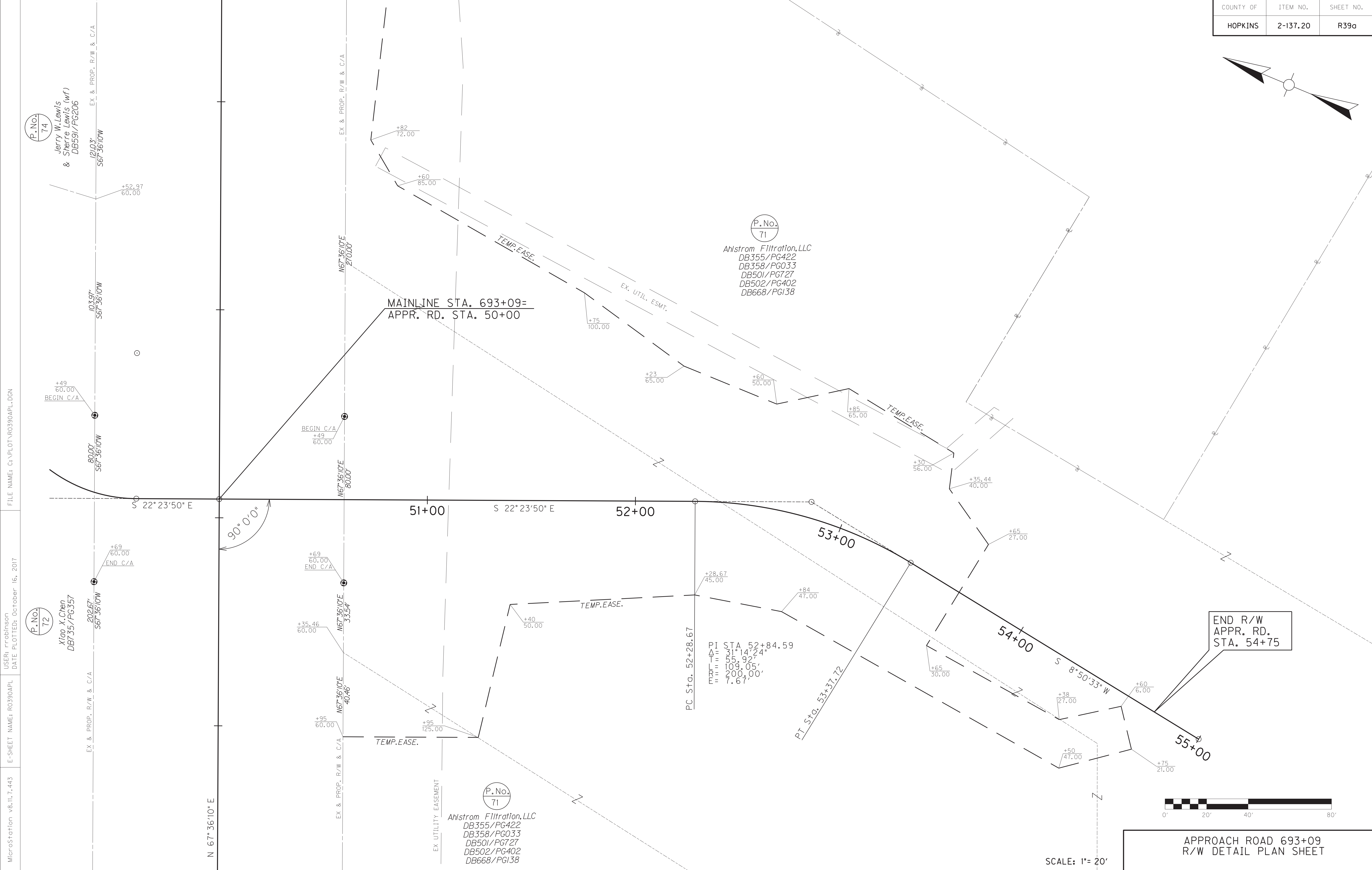
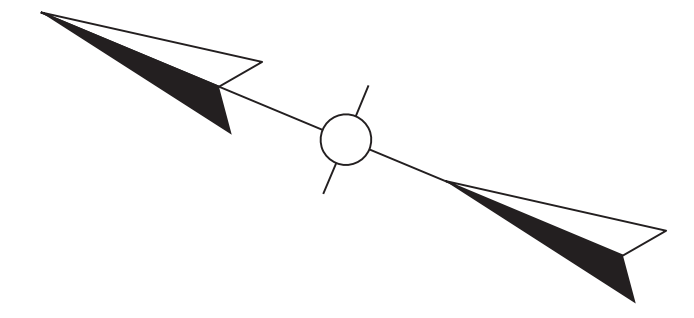
END CONSTRUCTION APPR. RD. STA. 53+50



APPROACH ROAD 693+09 PLAN SHEET

SCALE: 1" = 20'

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R39a



FILE NAME: C:\PLOT\R0390APL.DGN

USER: rrobinson
DATE PLOTTED: October 16, 2017

E-SHEET NAME: R0390APL

MicroStation v8.11.7.443

P.No. 74

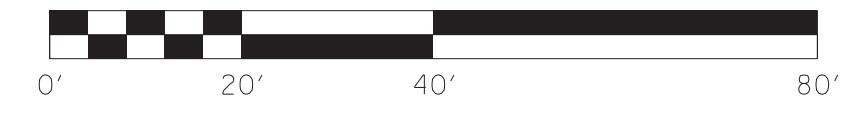
Jerry W. Lewis
& Sherre Lewis (wf)
DB591/PG206

P.No. 72

Xiao X. Chen
DB735/PG357

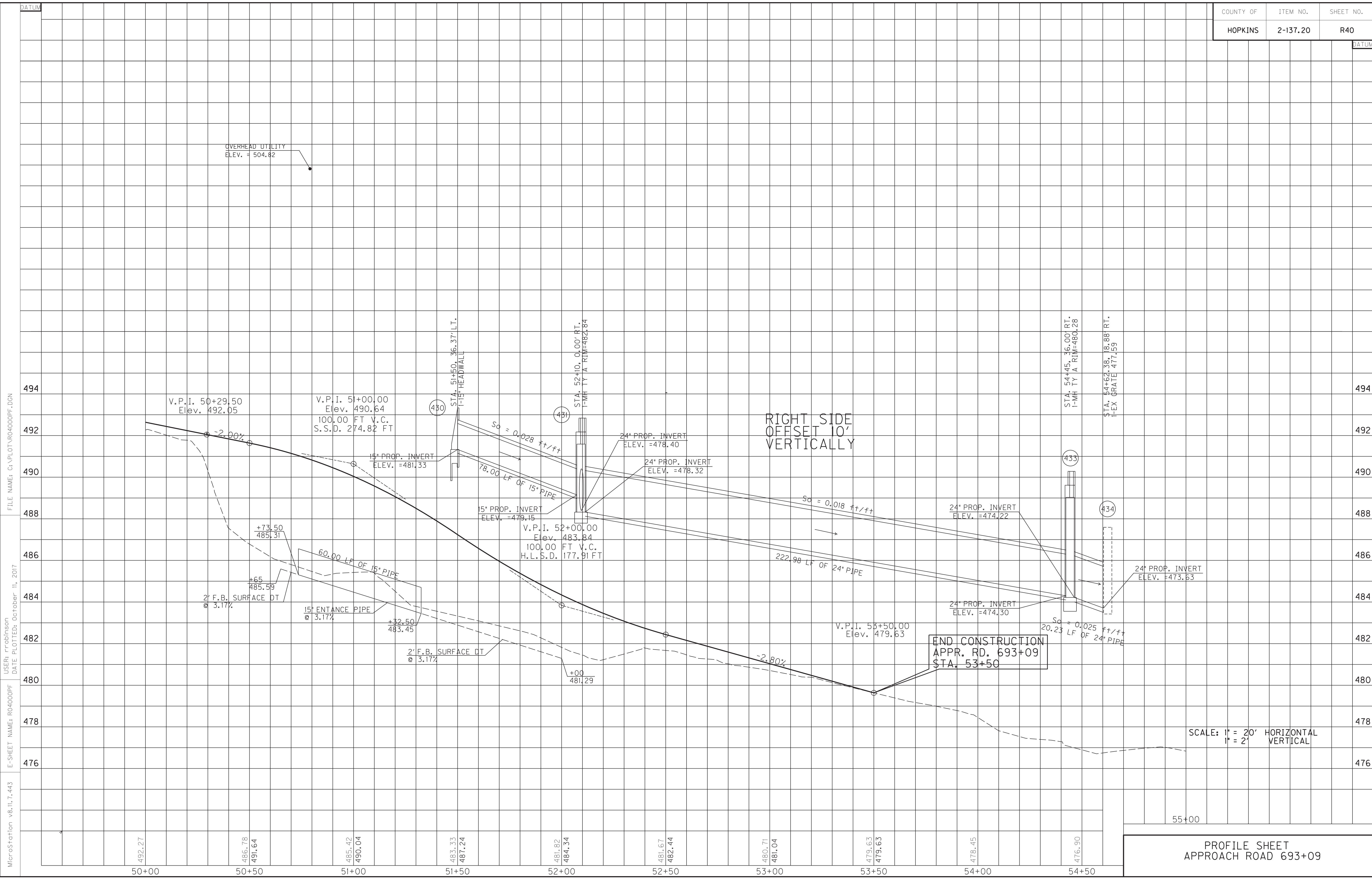
P.No. 71

Ahlstrom Filtration, LLC
DB355/PG422
DB358/PG033
DB501/PG727
DB502/PG402
DB668/PG138



SCALE: 1"= 20'

APPROACH ROAD 693+09
R/W DETAIL PLAN SHEET



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
APPROACH ROAD 693+09

FILE NAME: G:\PLOT\RD4000PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RD4000PF
 MicroStation v8.11.7.443

LOCATION	WIDTH (FT)	ENTRANCES						PIPE (DIA. - LENGTH)
		8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TON)	
48+75, RT APPR	24	84	411	34	68	142	01N. - 0 FT.	

STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
46+58-46+86	NORM	ECB	1	12 SY
47+50-49+16	NORM	ECB	1	74 SY

SAFELOAD
Sta. 45+74, Lt. to Sta. 45+88, Rt. Appr. 699+15
Safeload Ex. Pipe 4 C.Y.

PERFORATED PIPE UNDERDRAIN
Sta. 46+68 Appr. 699+15
Construct 4" Perf. Pipe Underdrain 44 L.F.

REMOVE PAVEMENT
Sta. 45+85, 79' Lt. to Sta. 46+48, 164' Lt.
Appr. 699+15
Remove Pavement 354 S.Y.

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

MAINLINE STA. 699+15= APPR. RD. STA. 50+00

END CONSTRUCTION WALGREEN'S APPR. RD. STA. 51+75.00

BEGIN CONSTRUCTION APPR. 699+15 STA. 45+59.58

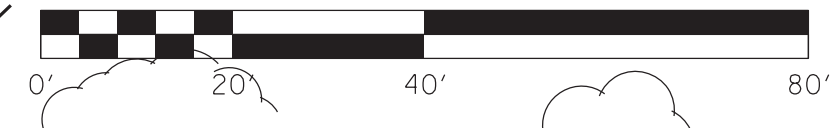
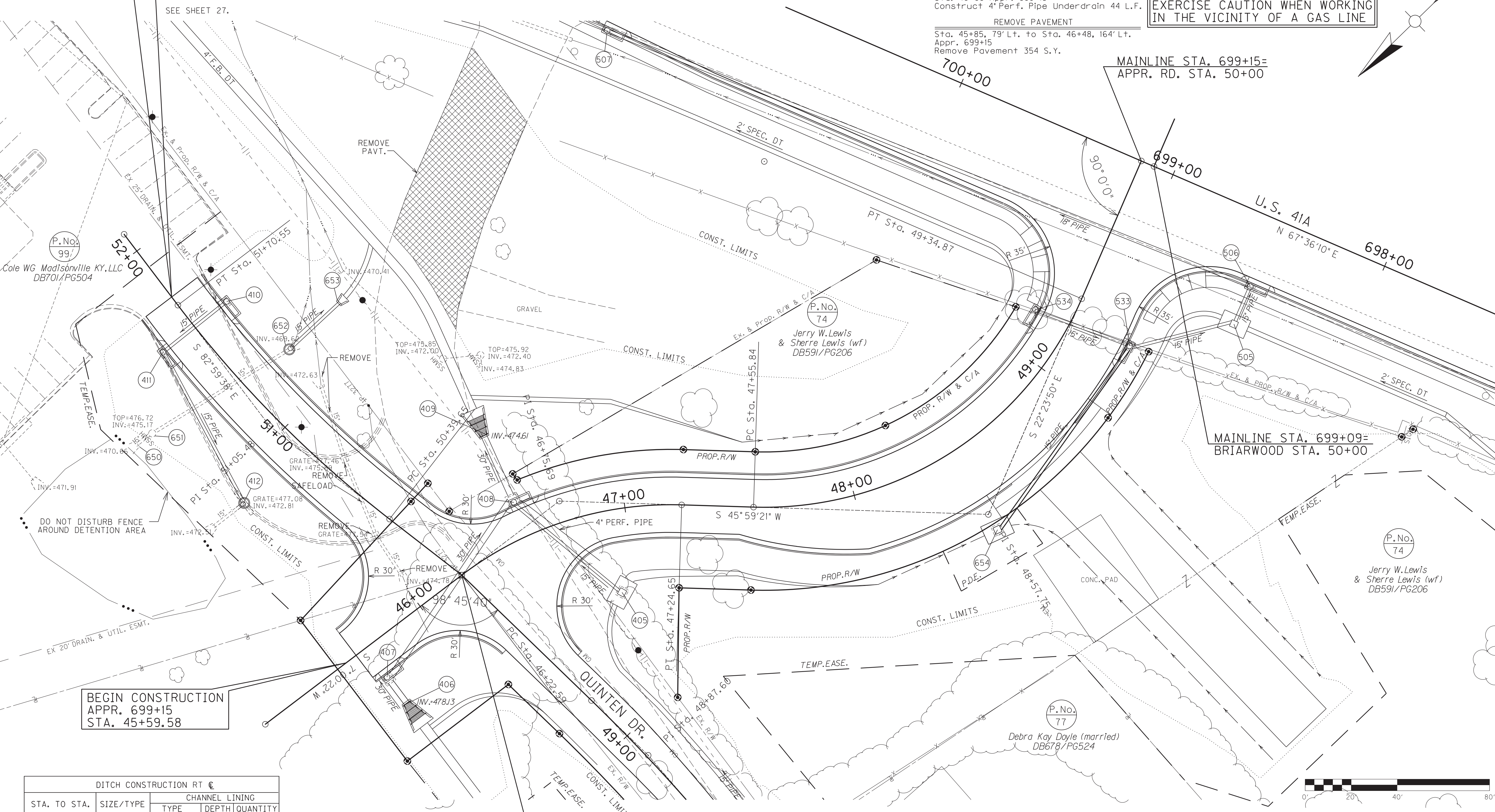
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
46+95-48+00	2' FB SPEC	ECB	1	70 SY
48+00-48+40	NORM	ECB	1	26 SY
49+00-49+50	2' FB SPEC	ECB	1	33 SY

APPR. RD. 699+15 STA. 46+22.59= WALGREENS APPR. RD. STA. 50+00= QUINTEN DR. STA. 50+00

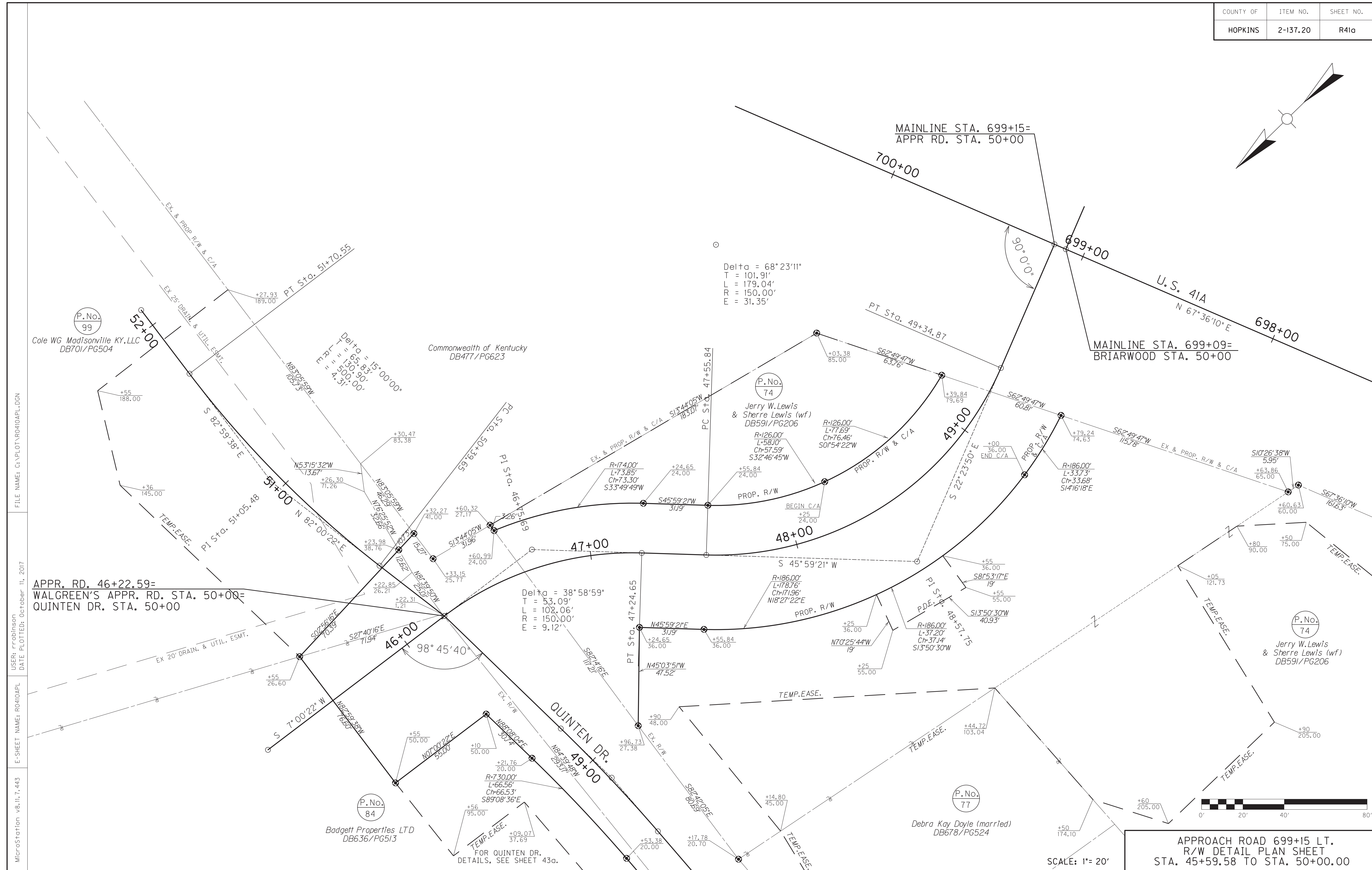
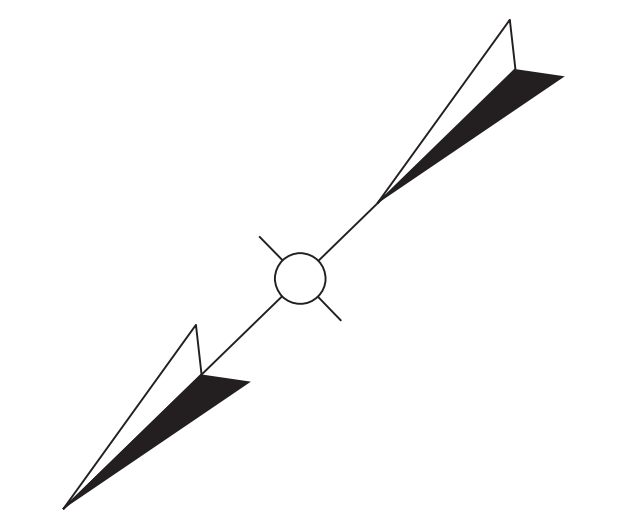
FOR QUINTEN DR. DETAILS, SEE SHEET 43.

APPROACH ROAD 699+15 LT. PLAN SHEET STA. 45+59.58 TO STA. 50+00

FILE NAME: G:\PLOT\RD4100PL.DGN
USER: rrobinson
DATE PLOTTED: October 10, 2017
E-SHEET NAME: RD4100PL
MicroStation v8.11.7.443



SCALE: 1"=20'



Delta = 68°23'11"
 T = 101.91'
 L = 179.04'
 R = 150.00'
 E = 31.35'

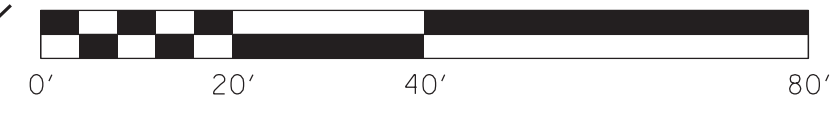
Delta = 38°58'59"
 T = 53.09'
 L = 102.06'
 R = 150.00'
 E = 9.12'

Delta = 15°00'00"
 T = 65.83'
 L = 130.90'
 R = 500.00'
 E = 4.31'

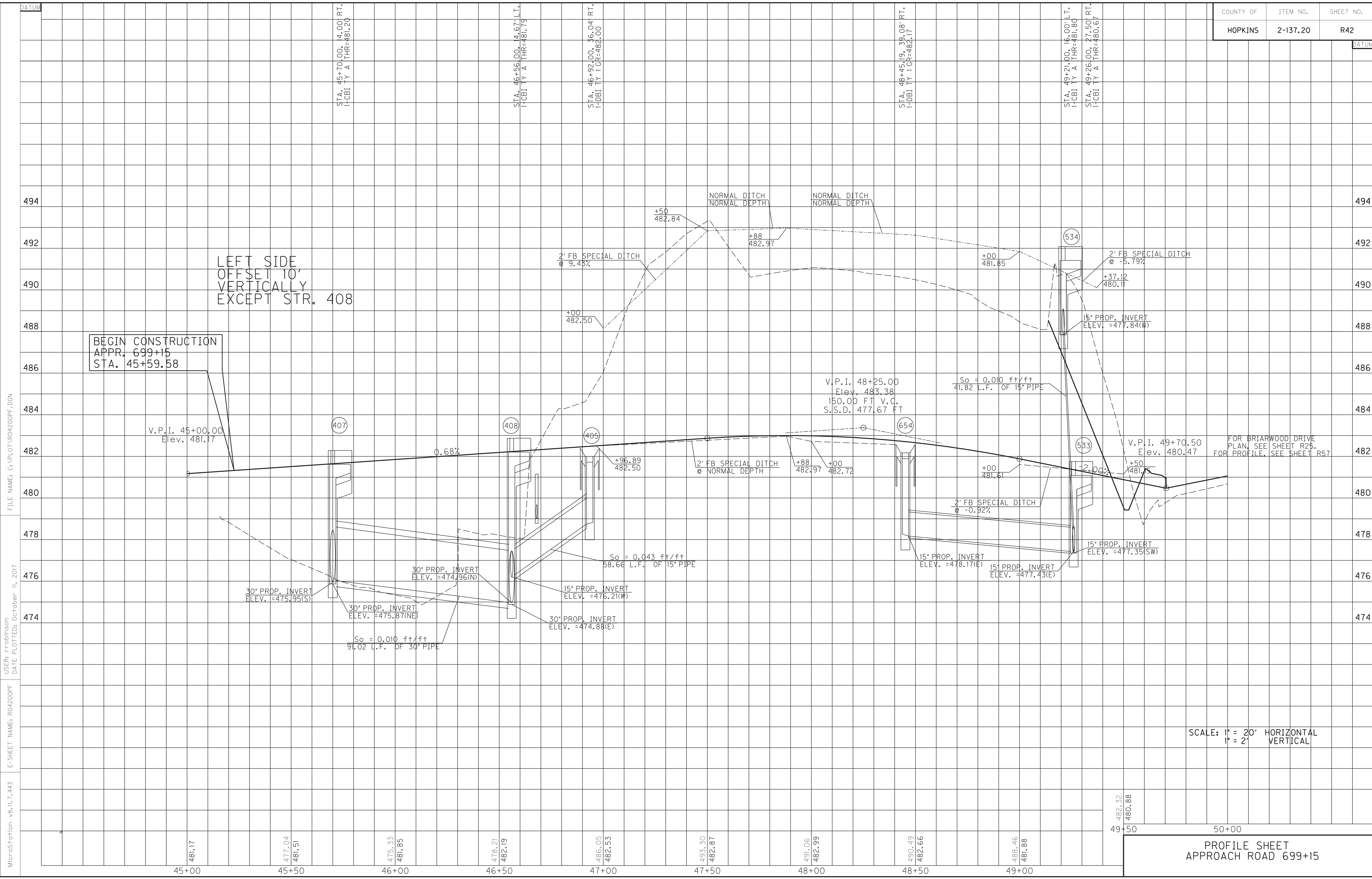
APPR. RD. 46+22.59=
 WALGREEN'S APPR. RD. STA. 50+00=
 QUINTEN DR. STA. 50+00

APPROACH ROAD 699+15 LT.
 R/W DETAIL PLAN SHEET
 STA. 45+59.58 TO STA. 50+00.00

SCALE: 1" = 20'



FILE NAME: G:\PLOT\R0410A\PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: R0410A\PL
 MicroStation v8.11.7.443



LEFT SIDE
OFFSET 10'
VERTICALLY
EXCEPT STR. 408

BEGIN CONSTRUCTION
APPR. 699+15
STA. 45+59.58

FOR BRIARWOOD DRIVE
PLAN, SEE SHEET R25.
FOR PROFILE, SEE SHEET R57

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
APPROACH ROAD 699+15

FILE NAME: C:\PLOT\RO4200PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO4200PF
 MicroStation v8.11.7.443

45+00	481.17	45+50	477.04 481.51	46+00	475.33 481.85	46+50	478.21 482.19	47+00	486.05 482.55	47+50	493.30 482.87	48+00	491.06 482.99	48+50	490.49 482.66	49+00	488.46 481.88
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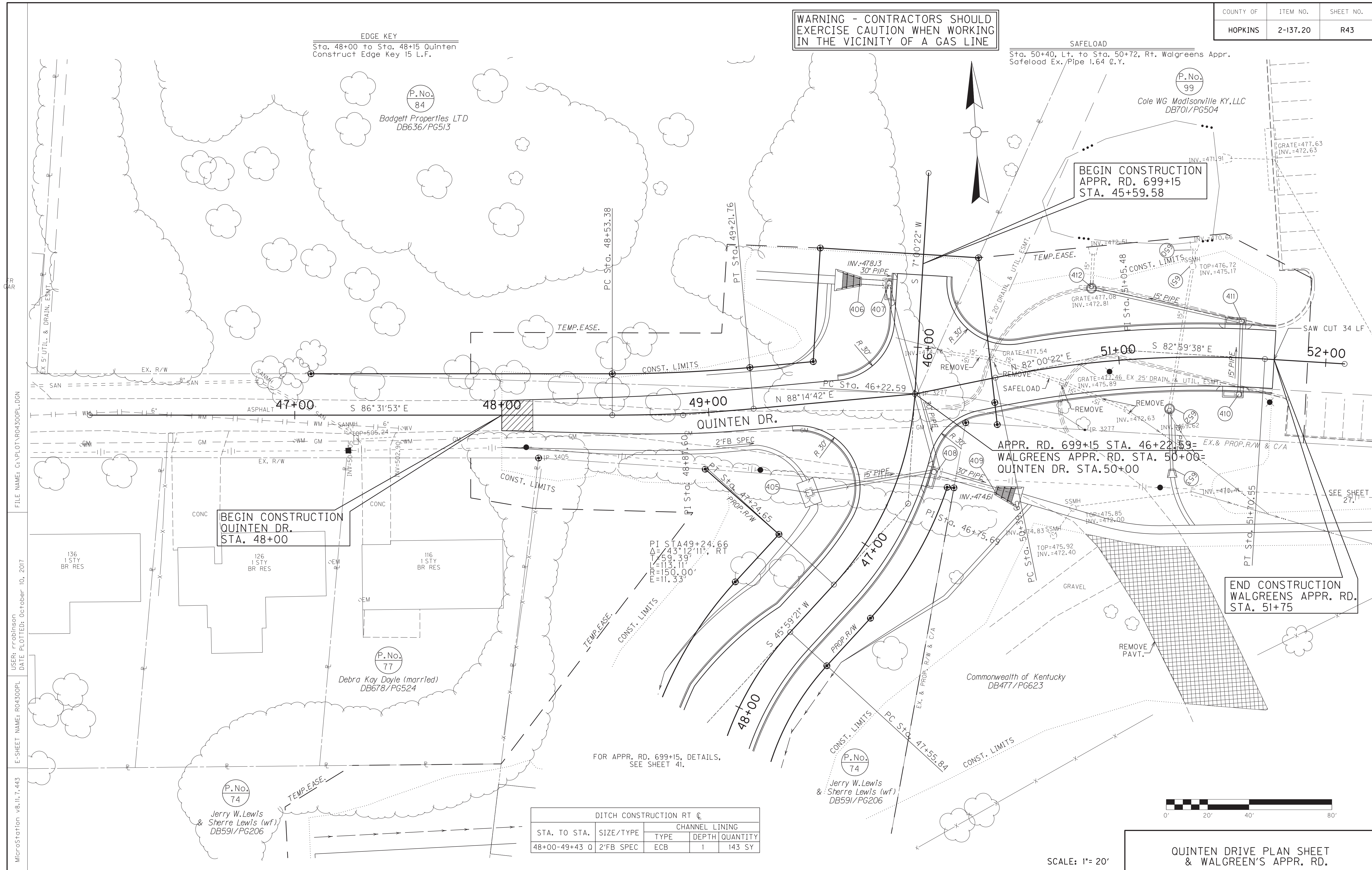
482.32
480.88

49+50 50+00

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

EDGE KEY
Sta. 48+00 to Sta. 48+15 Quinten
Construct Edge Key 15 L.F.

SAFELOAD
Sta. 50+40, Lt. to Sta. 50+72, Rt. Walgreens Appr.
Safeload Ex. Pipe 1.64 C.Y.



BEGIN CONSTRUCTION
QUINTEN DR.
STA. 48+00

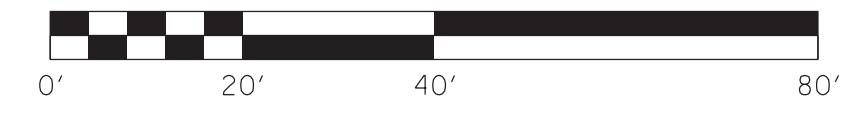
BEGIN CONSTRUCTION
APPR. RD. 699+15
STA. 45+59.58

APPR. RD. 699+15 STA. 46+22.59=
WALGREENS APPR. RD. STA. 50+00=
QUINTEN DR. STA. 50+00

END CONSTRUCTION
WALGREENS APPR. RD.
STA. 51+75

FOR APPR. RD. 699+15, DETAILS,
SEE SHEET 41.

STA. TO STA.	SIZE/TYPE	DITCH CONSTRUCTION RT C		
		CHANNEL LINING	DEPTH	QUANTITY
48+00-49+43	2'FB SPEC	ECB	1	143 SY



SCALE: 1" = 20'

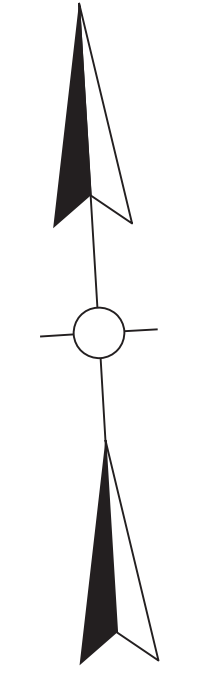
QUINTEN DRIVE PLAN SHEET
& WALGREEN'S APPR. RD.

FILE NAME: G:\PLOT\RD4300PL.DGN

USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: RD4300PL

MicroStation v8.11.7.443



P.No.
99

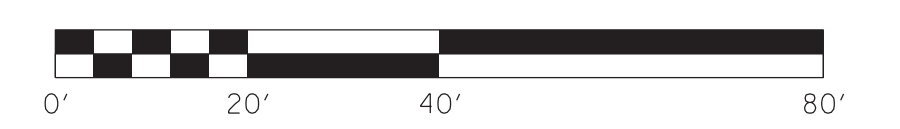
Cole WG Madisonville KY, LLC
DB701/PG504

P.No.
84

Badgett Properties LTD
DB636/PG513

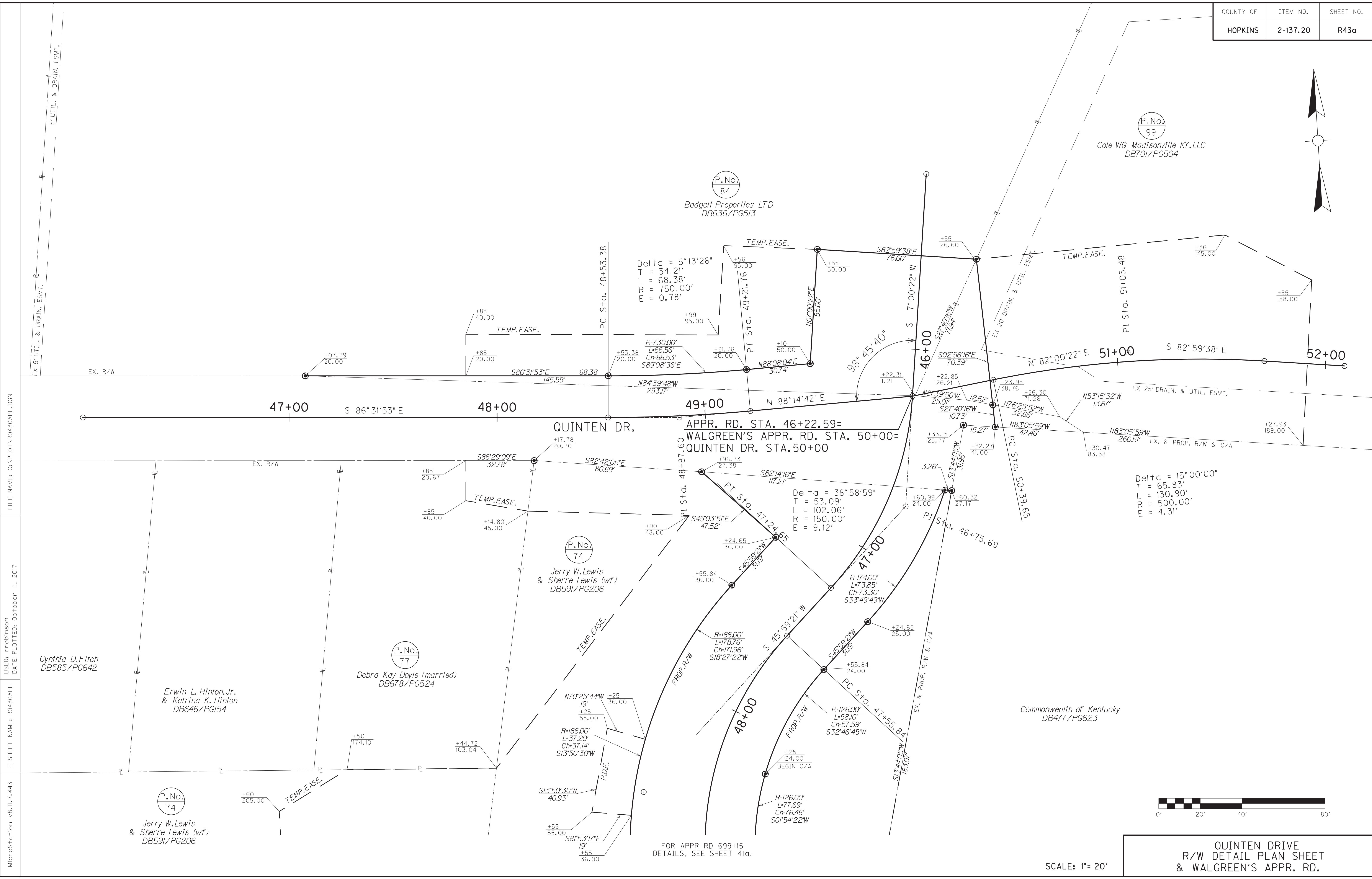
Delta = 5°13'26"
T = 34.21'
L = 68.38'
R = 750.00'
E = 0.78'

Delta = 15°00'00"
T = 65.83'
L = 130.90'
R = 500.00'
E = 4.31'



SCALE: 1"= 20'

QUINTEN DRIVE
R/W DETAIL PLAN SHEET
& WALGREEN'S APPR. RD.



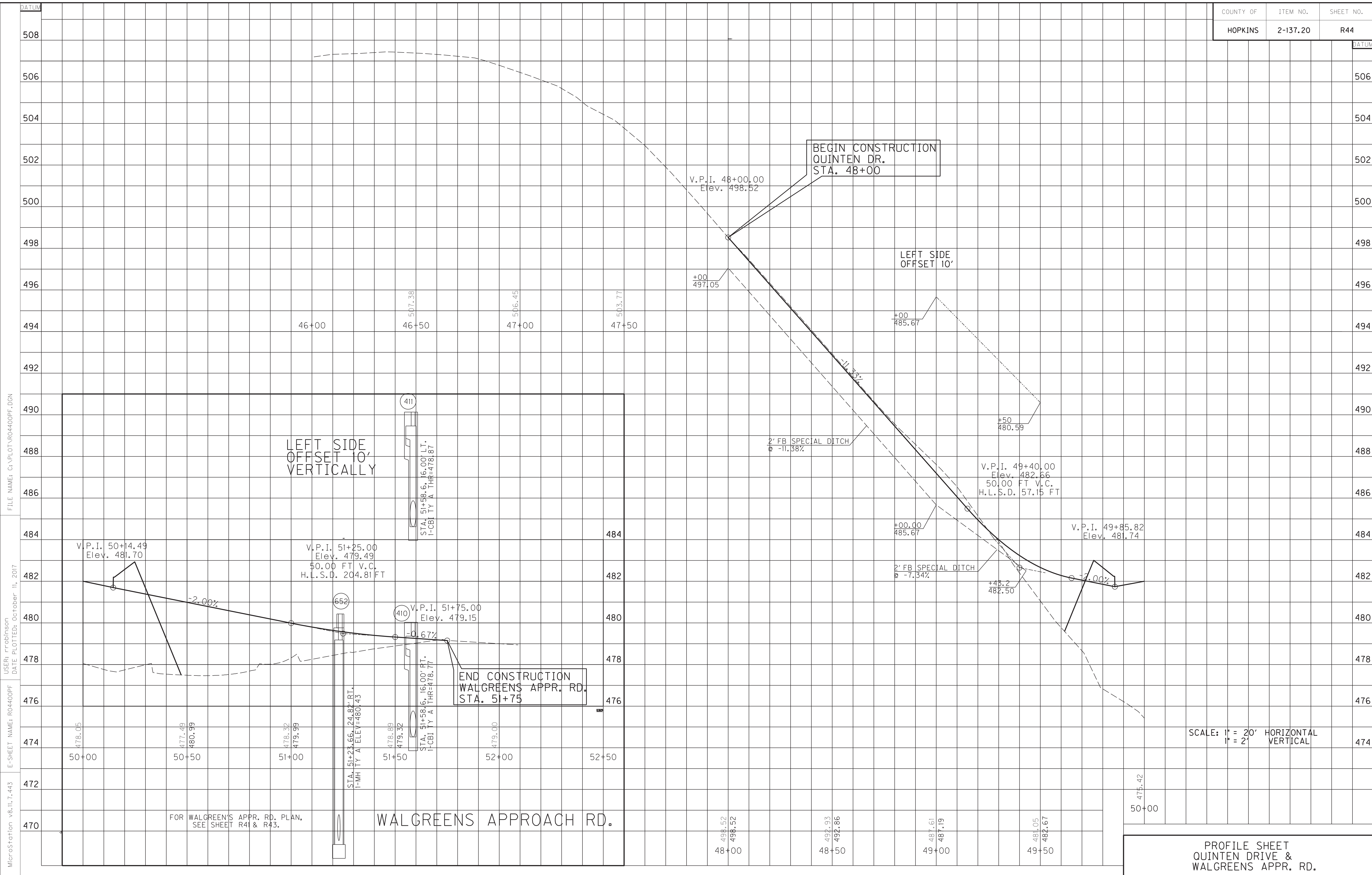
FILE NAME: C:\PLOT\RD430APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RD430APL

MicroStation v8.11.7.443

FOR APPR RD 699+15
DETAILS, SEE SHEET 41a.



FILE NAME: C:\PLOT\RO4400PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO4400PF
 MicroStation v8.11.7.443

FOR WALGREEN'S APPR. RD. PLAN,
SEE SHEET R41 & R43.

WALGREENS APPROACH RD.

BEGIN CONSTRUCTION
QUINTEN DR.
STA. 48+00

END CONSTRUCTION
WALGREENS APPR. RD.
STA. 51+75

SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

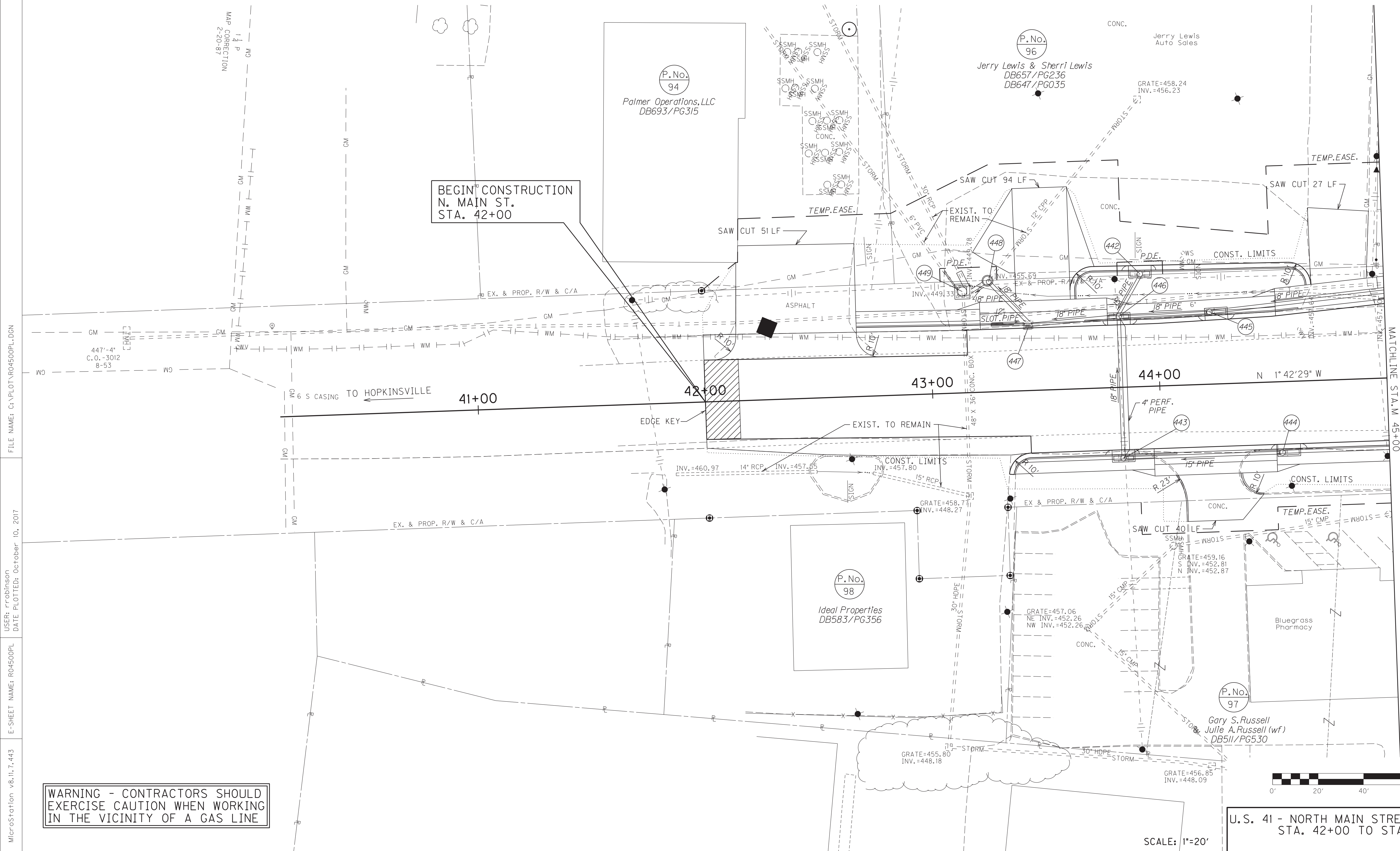
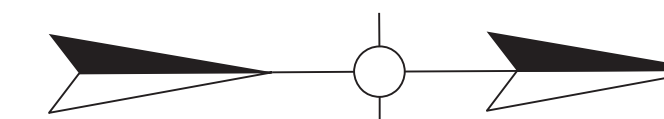
PROFILE SHEET
QUINTEN DRIVE &
WALGREENS APPR. RD.

ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
42+31, LT	53		302	25	50	104		OIN. - 0 FT.
43+50, LT	24	270	195			45		OIN. - 0 FT.
44+22, RT	28	136	64			15		OIN. - 0 FT.
44+77, LT	24	156	90			21		OIN. - 0 FT.

EDGE KEY
 Sta. 42+00 to Sta. 42+15 U.S. 41(N. Main St.)
 Construct Edge Key 35 L.F.

PERFORATED PIPE UNDERDRAIN
 Sta. 43+86 U.S. 41(N. Main St.)
 Construct 4" Perf. Pipe Underdrain 64 L.F.

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R45

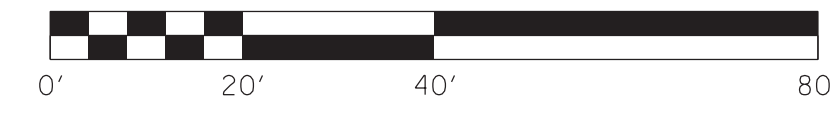


**BEGIN CONSTRUCTION
 N. MAIN ST.
 STA. 42+00**

**WARNING - CONTRACTORS SHOULD
 EXERCISE CAUTION WHEN WORKING
 IN THE VICINITY OF A GAS LINE**

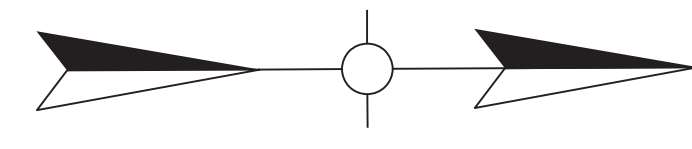
U.S. 41 - NORTH MAIN STREET PLAN SHEET
 STA. 42+00 TO STA. 45+00

SCALE: 1"=20'



FILE NAME: C:\PLOT\R04500PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: R04500PL
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R45a



BEGIN R/W
N. MAIN ST.
STA. 42+00

(P.No.)
94
Palmer Operations, LLC
DB693/PG315

(P.No.)
96
Jerry Lewis & Sherri Lewis
DB657/PG236
DB647/PG035

(P.No.)
86
Jui Tao Huang
& Mi Hua Huang
(HB & WF)
DB601/PG402

(P.No.)
98
Ideal Properties
DB583/PG356

(P.No.)
97
Gary S. Russell
& Julie A. Russell (wf)
DB511/PG530

41+00

42+00

43+00

44+00

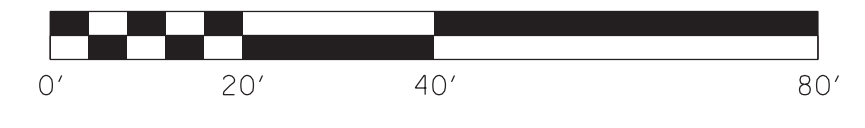
N 1°42'29" W

MATCHLINE STA. 45+00

EX. R/W

EX & PROP. R/W

TEMP. EASE.



SCALE: 1" = 20'

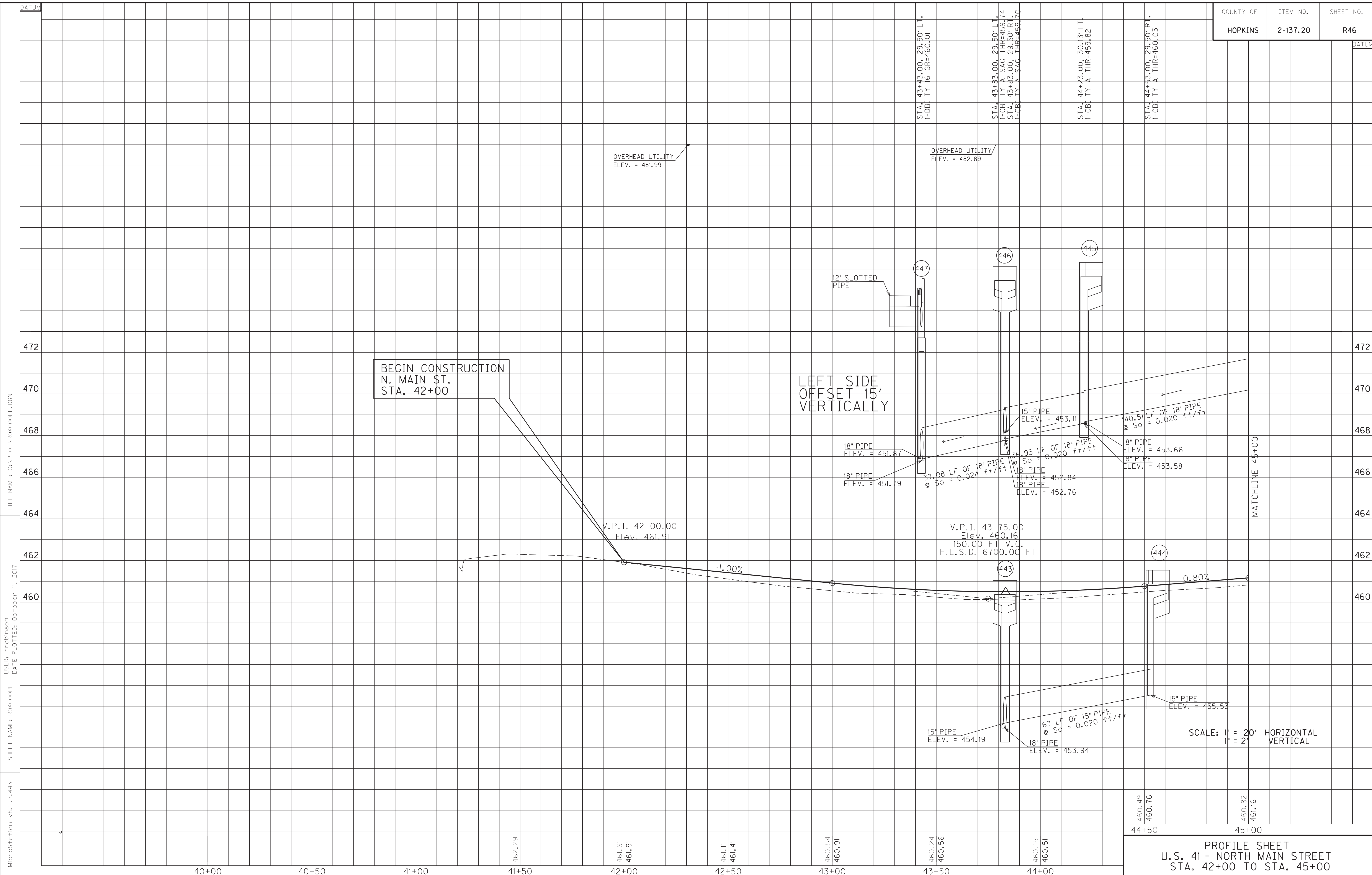
U.S. 41 - NORTH MAIN STREET
R/W DETAIL PLAN SHEET
STA. 42+00 TO STA. 45+00

FILE NAME: C:\PLOT\R0450APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0450APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R04600PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R04600PF.DGN

460.49
 460.76
 44+50
 460.82
 461.16
 45+00

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

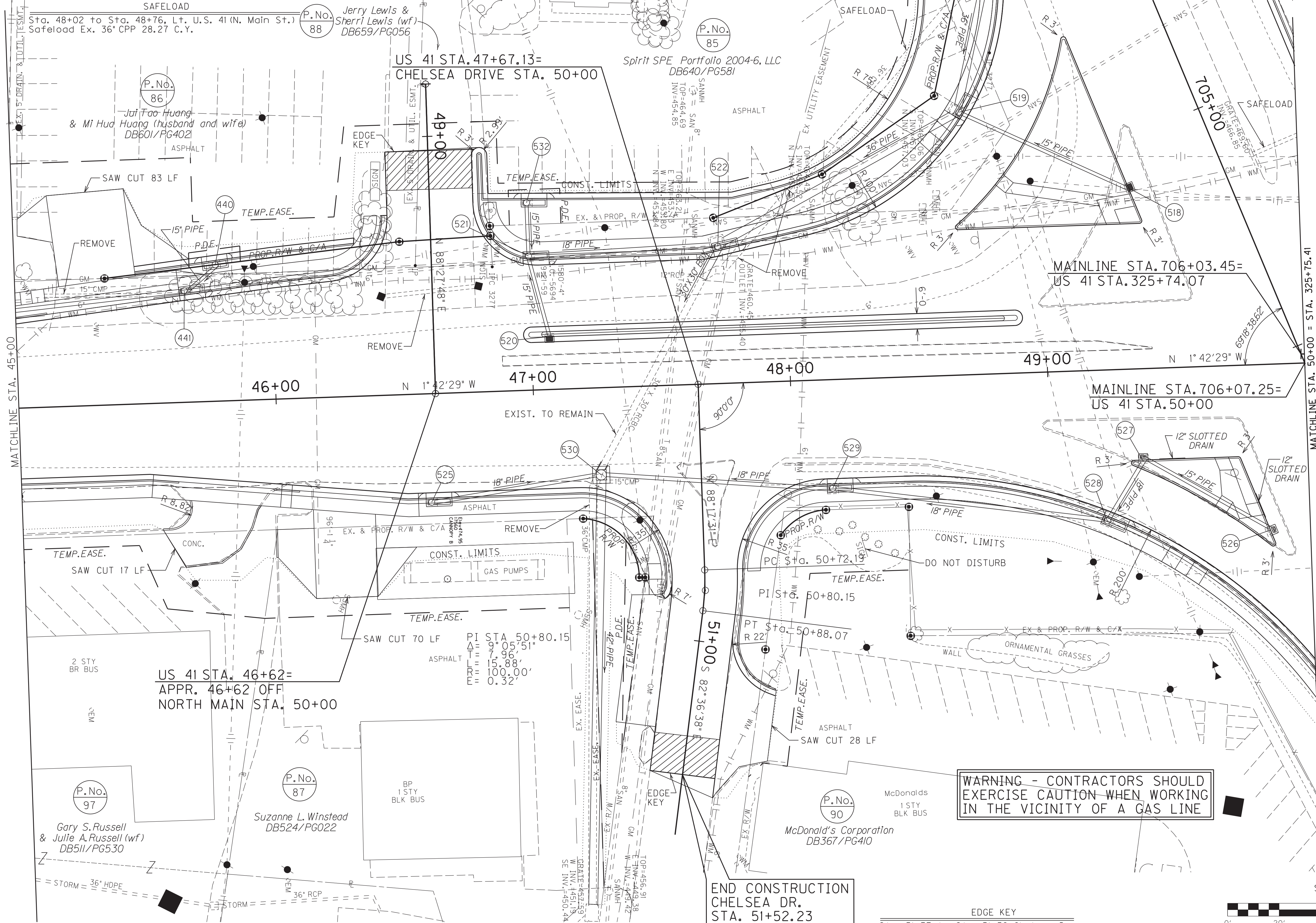
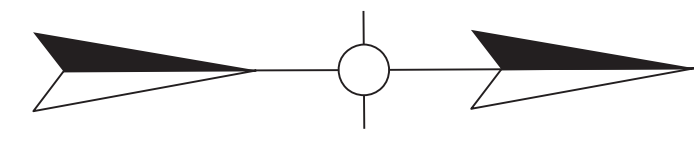
PROFILE SHEET
U.S. 41 - NORTH MAIN STREET
STA. 42+00 TO STA. 45+00

ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
45+37, LT	30	82	171	14	19	40		OIN. - 0 FT.
45+78, RT	26.58	116	67			15		OIN. - 0 FT.
46+25, RT	24	49	143	12	15	31		OIN. - 0 FT.

EDGE KEY
Sta. 49+05.5 to Sta. 49+20.5
Appr. 46+62 Lt. off North Main
Construct Edge Key 34 L.F.

STD. BARRIER MED. TYPE 5
Sta. 46+97 - 49+91 128 S.Y.

REMOVE CONC MEDIAN
Sta. 46+88 - 49+41 113 S.Y.



FOR DETAILS, SEE SHEET 27.

FOR DETAILS, SEE SHEET 49.

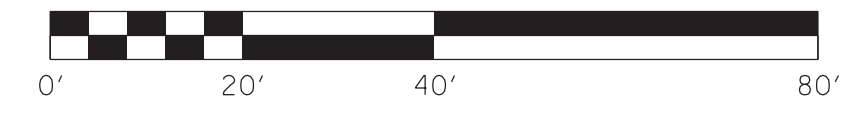
FOR DETAILS, SEE SHEET 29.

WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE

END CONSTRUCTION CHELSEA DR. STA. 51+52.23

FOR CHELSEA DR. PROFILE, SEE SHEETS 48.

EDGE KEY
Sta. 51+37 to Sta. 51+52 Chelsea Dr.
Construct Edge Key 26 L.F.



U.S. 41 - NORTH MAIN STREET PLAN SHEET STA. 45+00 TO STA. 50+00

SCALE: 1"= 20'

ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
51+10, RT CHEL.	49.70		87	7	14	30		OIN. - 0 FT.
51+29, LT CHEL.	25.60		78	6	13	27		OIN. - 0 FT.

FILE NAME: C:\PLOT\RO4700PL.DGN

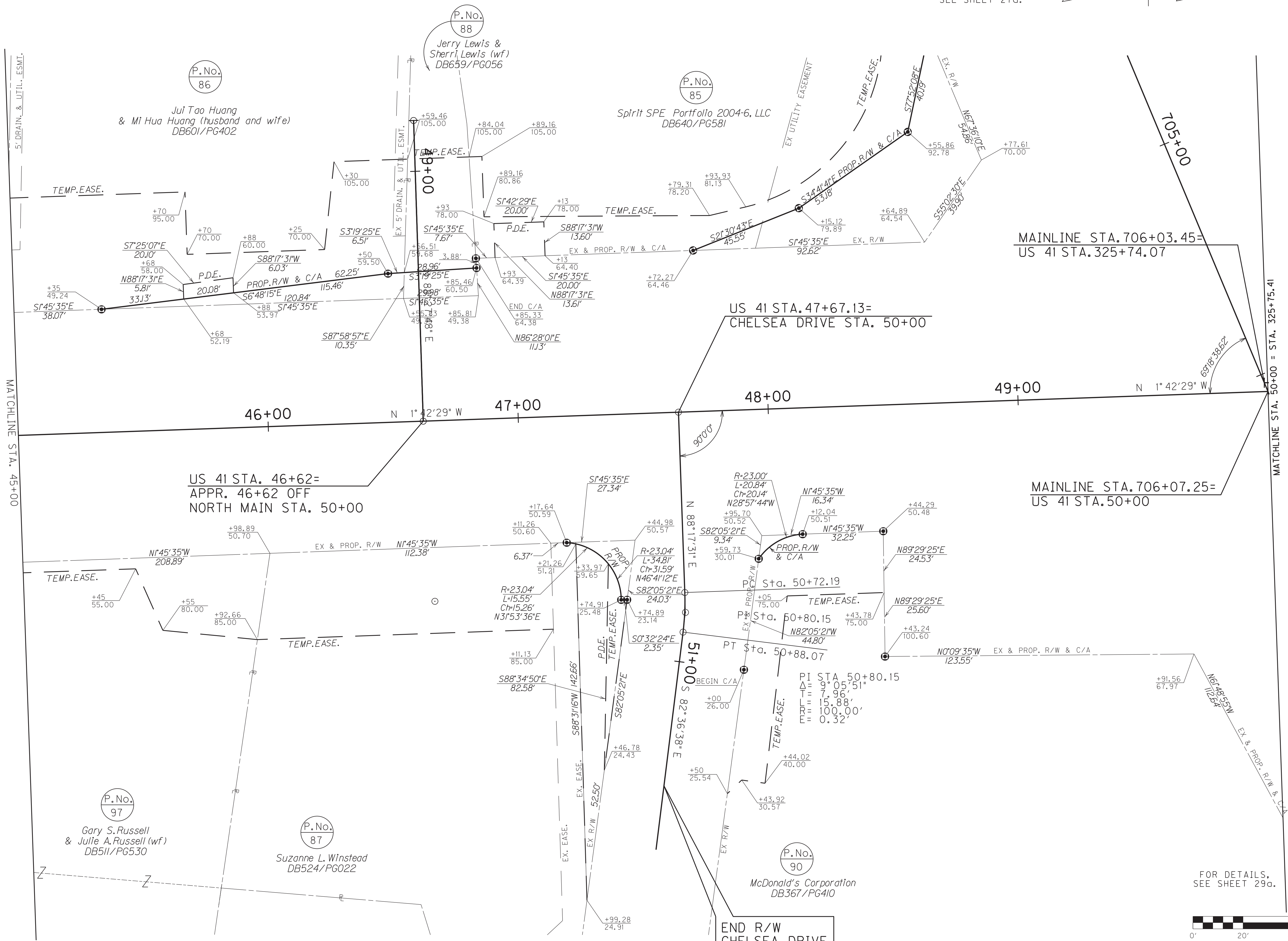
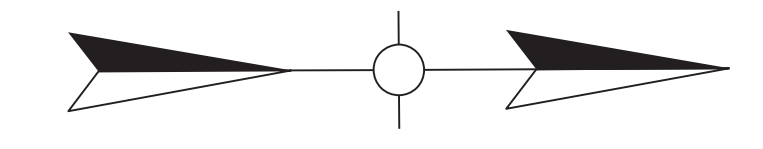
USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: R04700PL

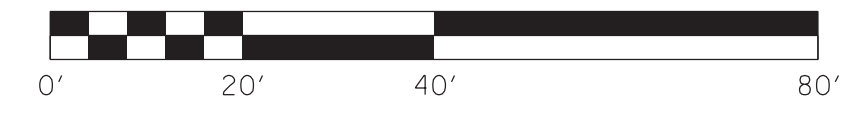
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R47a

FOR DETAILS, SEE SHEET 27a.



FOR DETAILS, SEE SHEET 29a.



U.S. 41 - NORTH MAIN STREET
R/W DETAIL PLAN SHEET
STA. 45+00 TO STA. 50+00

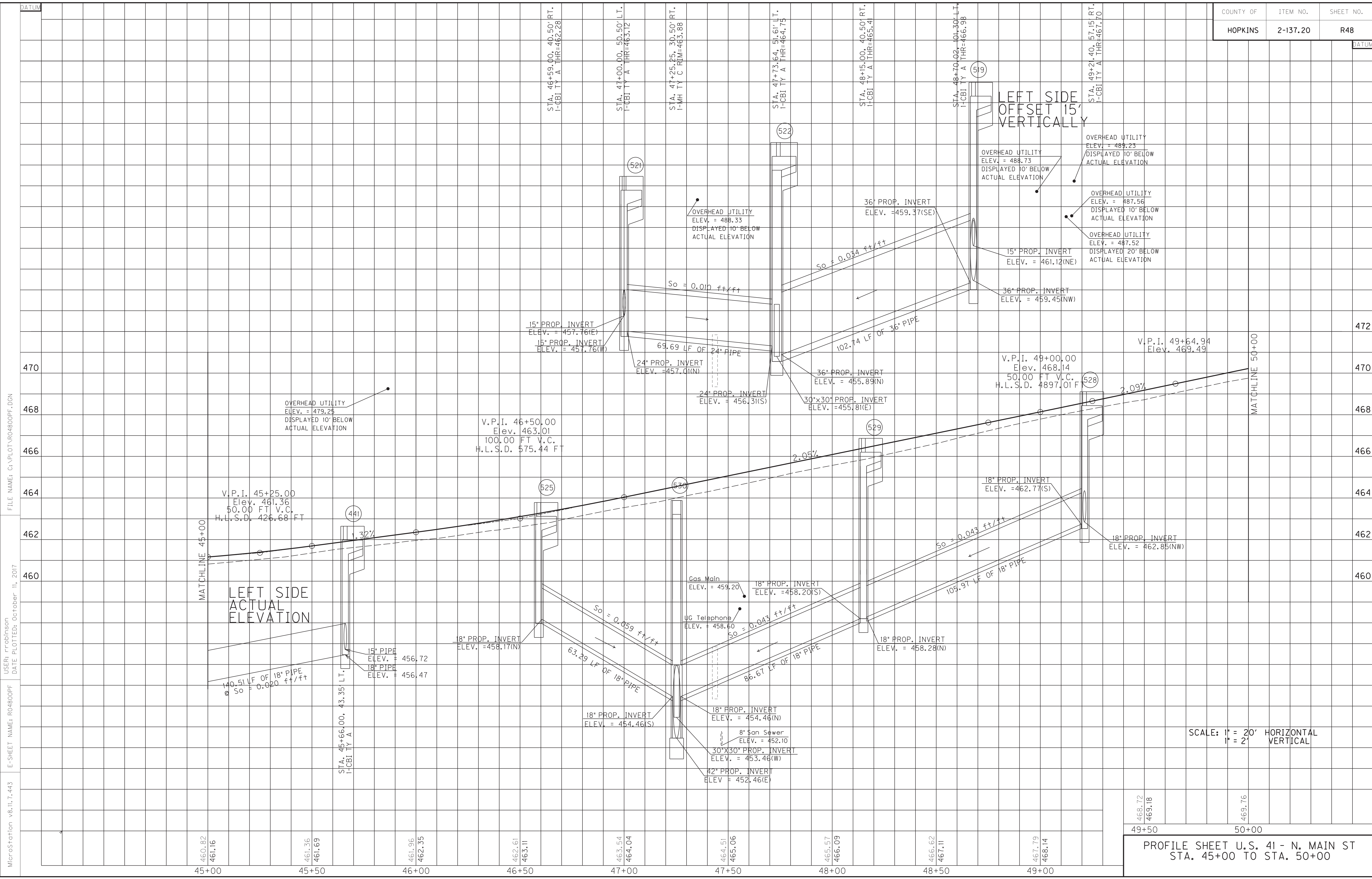
SCALE: 1" = 20'

FILE NAME: C:\PLOT\R0470APL.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0470APL

MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: R04800PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R04800PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

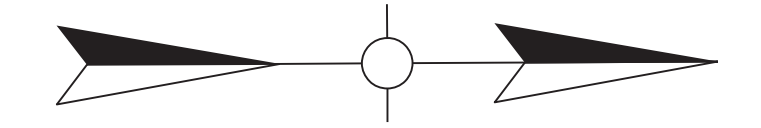
468.72	469.18	469.76
49+50	50+00	

PROFILE SHEET U.S. 41 - N. MAIN ST
 STA. 45+00 TO STA. 50+00

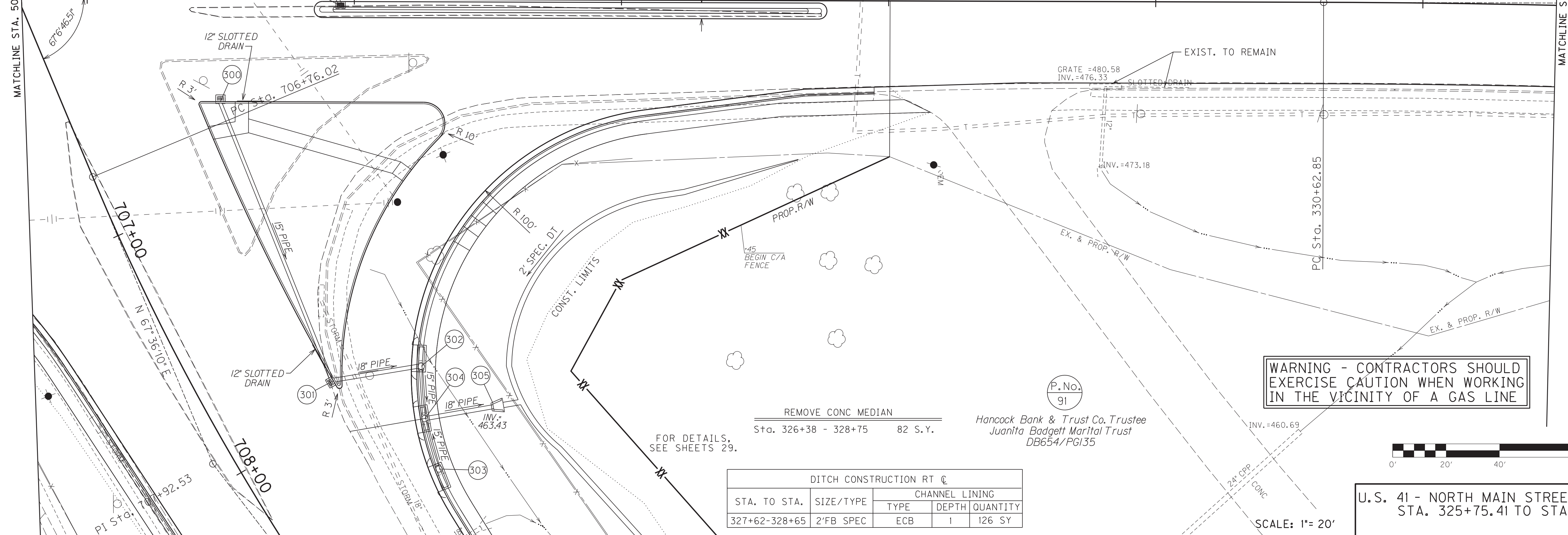
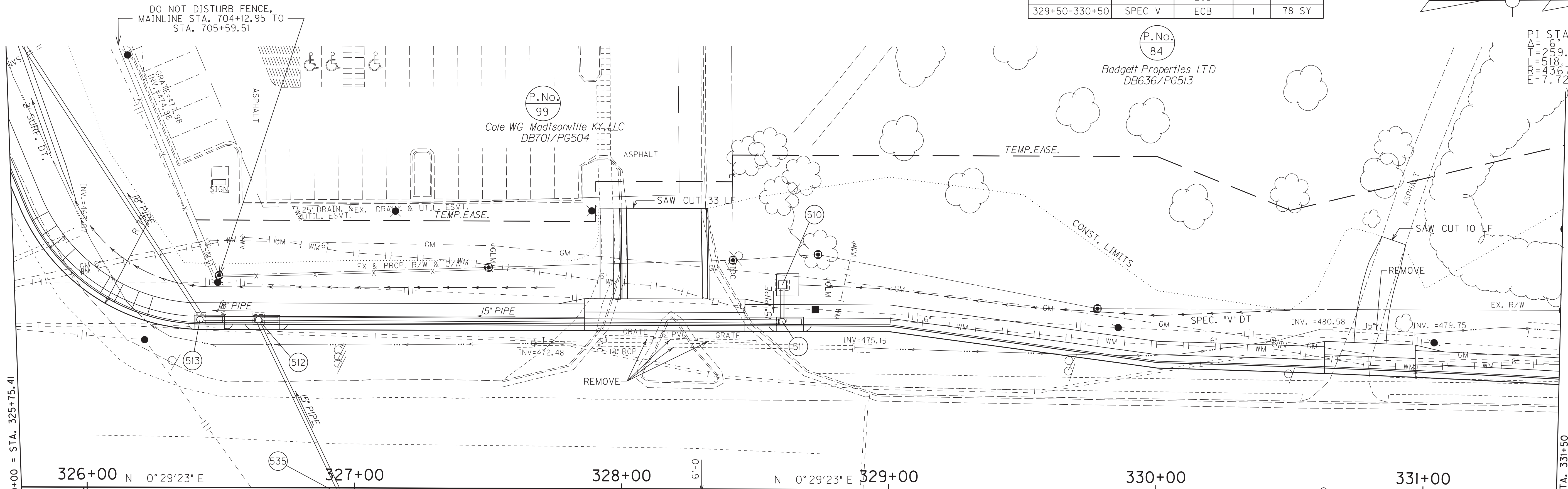
ENTRANCES								
LOCATION	WIDTH (FT)	8" CONC. ENT. PAVT. (SY)	SURF. AREA (SY)	ASP. SURF. (TONS)	ASP. BASE (TONS)	CSB (TONS)	TBB (TONS)	PIPE (DIA. - LENGTH)
328+16, LT	28	80	124	10	20	43		OIN. - 0 FT.
330+80, LT	12	45	58	5	10	13		OIN. - 0 FT.

STD. BARRIER MED. TYPE 5
Sta. 326+85 - 328+77 127 S.Y.

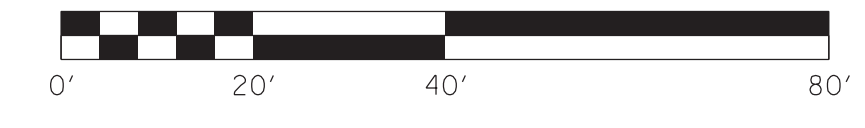
DITCH CONSTRUCTION LT ☐				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
326+20-327+00	NORM	ECB	1	62 SY
327+00-327+75	NORM	ECB	1	69 SY
328+88-329+50	NORM	ECB	1	55 SY
329+50-330+50	SPEC V	ECB	1	78 SY



PI STA 333+22.58
Δ = 26° 48' 24" RT
L = 59.74'
T = 518.87'
E = 4367.64'
E = 7.12'



WARNING - CONTRACTORS SHOULD EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF A GAS LINE



U.S. 41 - NORTH MAIN STREET PLAN SHEET
STA. 325+75.41 TO STA. 331+50

FILE NAME: C:\PLOT\RO4900PL.DGN
 USER: rrobinson
 DATE PLOTTED: October 10, 2017
 E-SHEET NAME: RO4900PL
 MicroStation v8.11.7.443

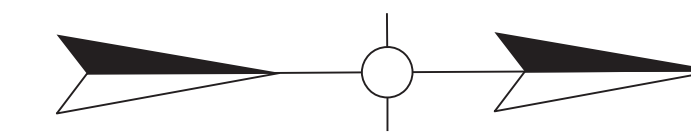
DITCH CONSTRUCTION RT ☐				
STA. TO STA.	SIZE/TYPE	CHANNEL LINING		
		TYPE	DEPTH	QUANTITY
327+62-328+65	2'FB SPEC	ECB	1	126 SY

REMOVE CONC MEDIUM
Sta. 326+38 - 328+75 82 S.Y.

Hancock Bank & Trust Co. Trustee
Juanita Badgett Marital Trust
DB654/PG135

FOR DETAILS, SEE SHEETS 29.

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R49a



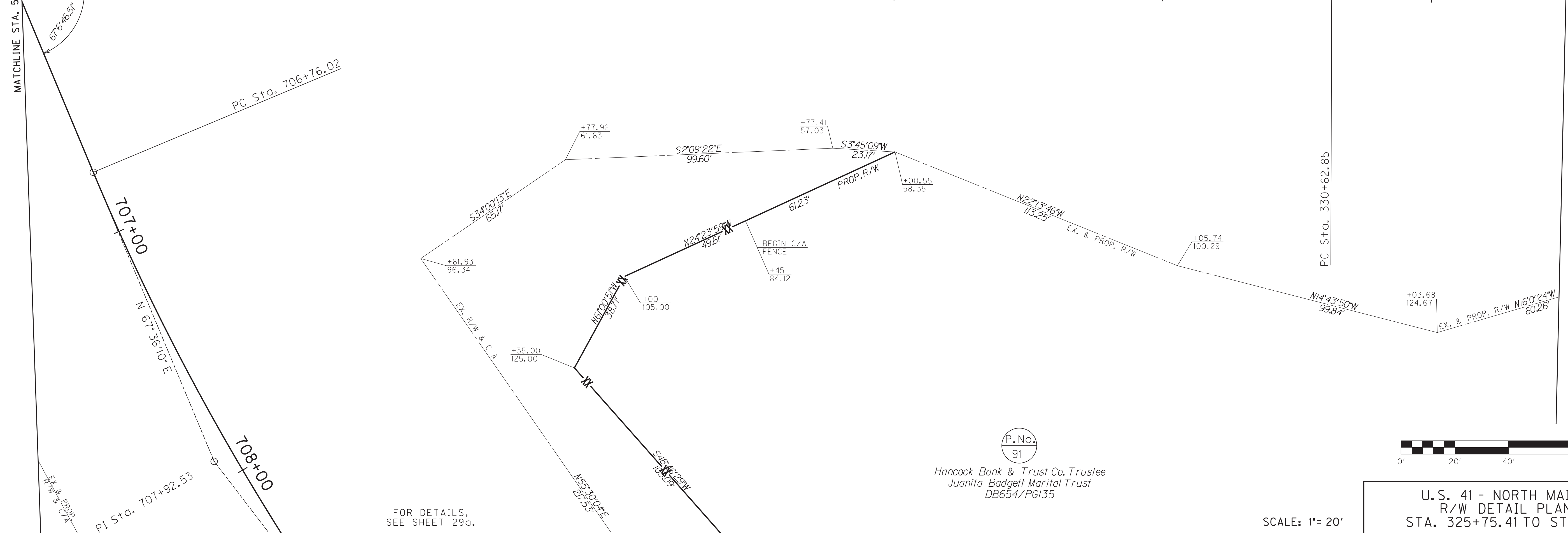
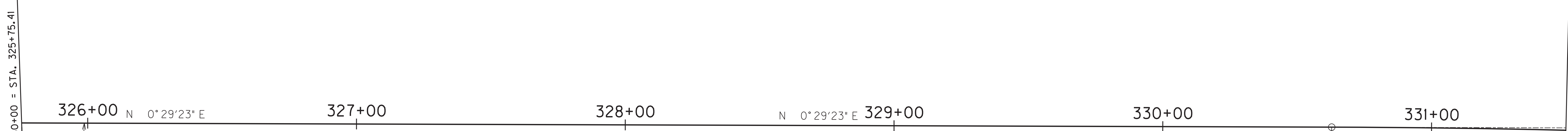
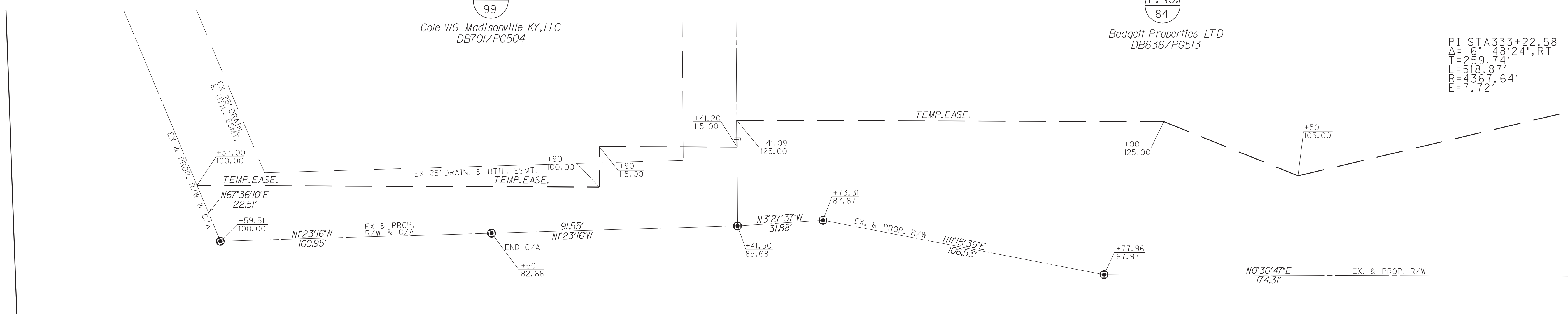
P.No.
99

Cole WG Madisonville KY, LLC
DB701/PG504

P.No.
84

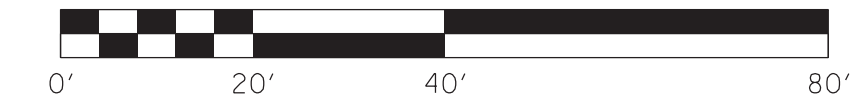
Badgett Properties LTD
DB636/PG513

PI STA 333+22.58
Δ = 6° 48' 24" RT
T = 259.74'
L = 518.87'
R = 4367.64'
E = 7.72'



P.No.
91

Hancock Bank & Trust Co. Trustee
Juanita Badgett Marital Trust
DB654/PG135

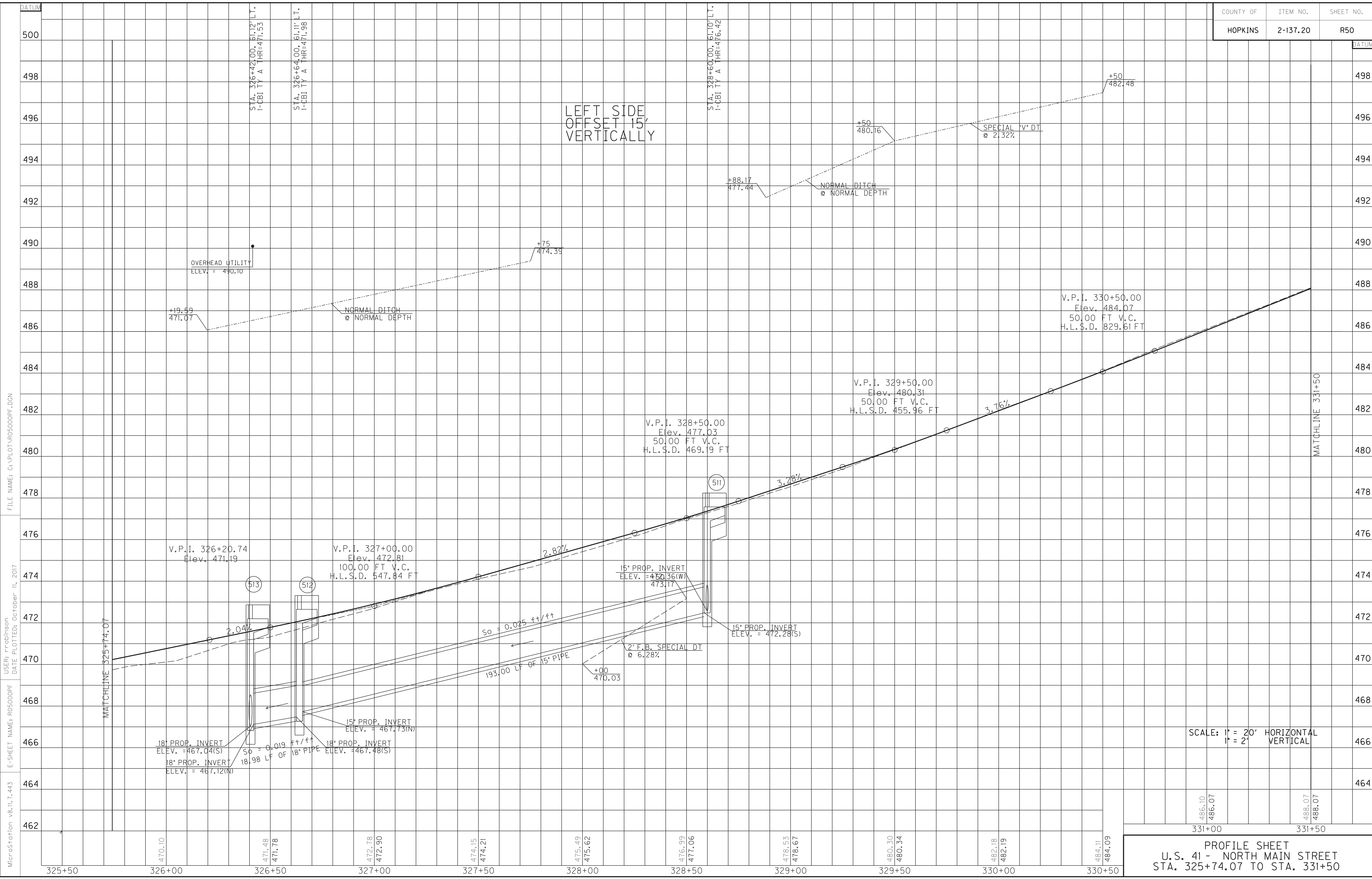


SCALE: 1" = 20'

U.S. 41 - NORTH MAIN STREET
R/W DETAIL PLAN SHEET
STA. 325+75.41 TO STA. 331+50

FOR DETAILS,
SEE SHEET 29a.

MicroStation v8.11.7.443
E-SHEET NAME: R0490APL
DATE PLOTTED: October 11, 2017
USER: rrobinson
FILE NAME: C:\PLOT\R0490APL.DGN



MicroStation v8.11.7.443
 E-SHEET NAME: R05000PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R05000PF.DGN

STATION	ELEVATION
325+50	
326+00	470.10
326+50	471.48 471.78
327+00	472.78 472.90
327+50	474.15 474.21
328+00	475.49 475.62
328+50	476.99 477.06
329+00	478.53 478.67
329+50	480.30 480.34
330+00	482.18 482.19
330+50	484.11 484.09

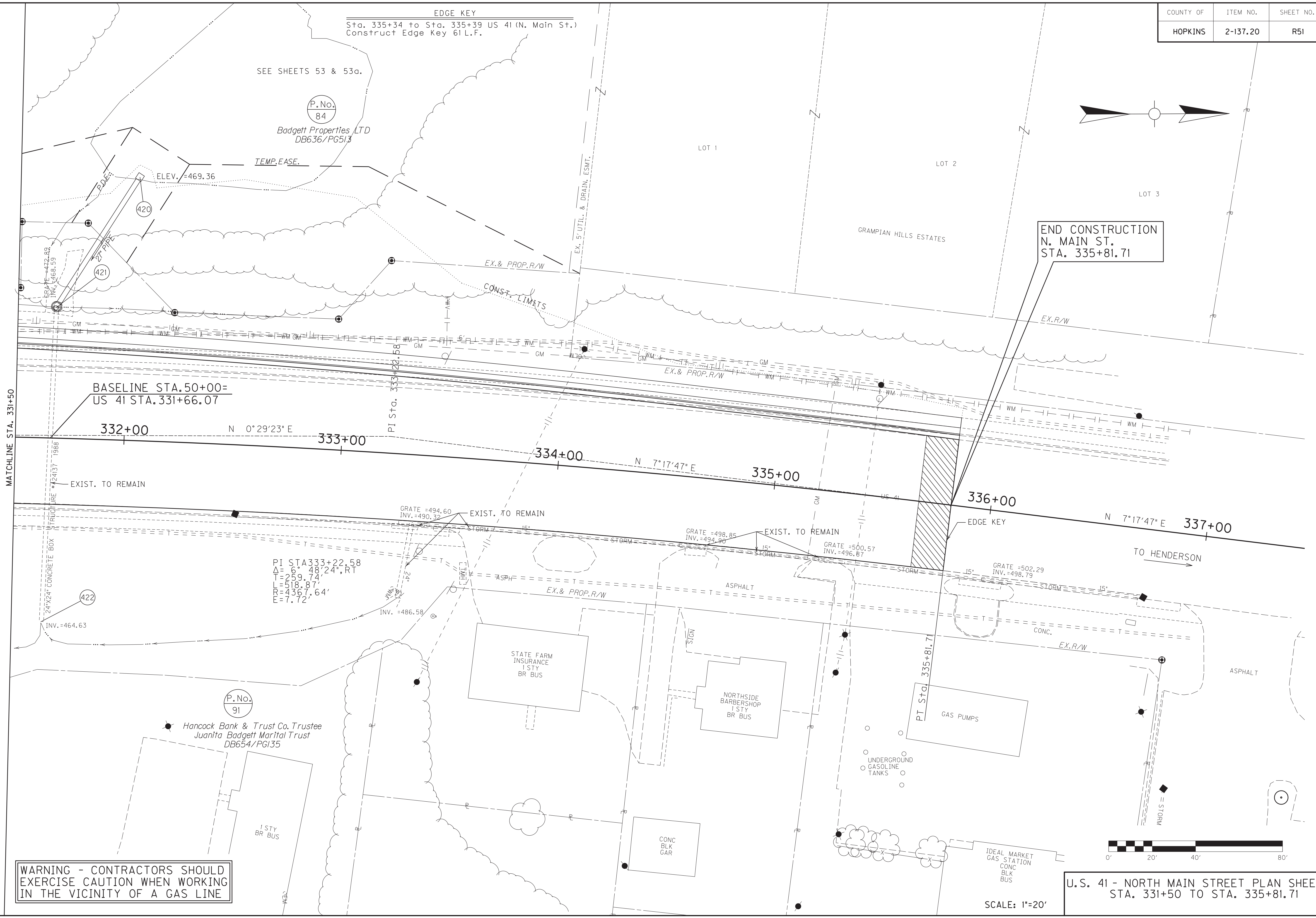
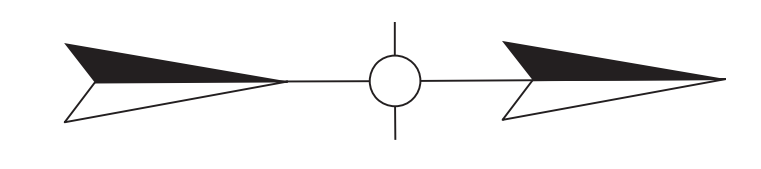
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R51

EDGE KEY
Sta. 335+34 to Sta. 335+39 US 41 (N. Main St.)
Construct Edge Key 61L.F.

SEE SHEETS 53 & 53a.

P.No.
84

Badgett Properties LTD
DB636/PG513



BASELINE STA. 50+00=
US 41 STA. 331+66.07

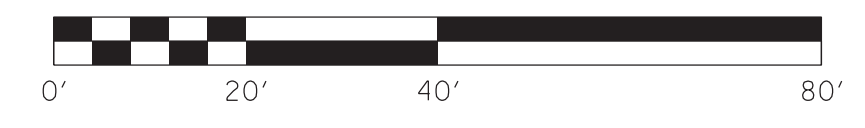
MATCHLINE STA. 331+50

END CONSTRUCTION
N. MAIN ST.
STA. 335+81.71

**WARNING - CONTRACTORS SHOULD
EXERCISE CAUTION WHEN WORKING
IN THE VICINITY OF A GAS LINE**

U.S. 41 - NORTH MAIN STREET PLAN SHEET
STA. 331+50 TO STA. 335+81.71

SCALE: 1"=20'



FILE NAME: C:\PLOT\R05100PL.DGN

USER: rrobinson
DATE PLOTTED: October 10, 2017

E-SHEET NAME: R05100PL

MicroStation v8.11.7.443

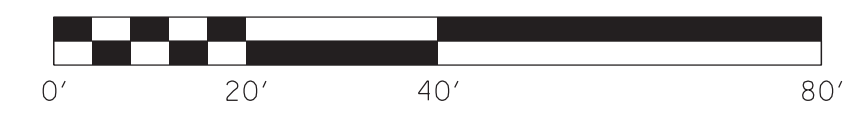
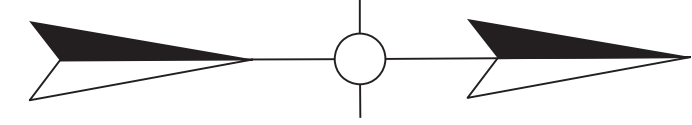
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R51a

SEE SHEET 53 & 53a.



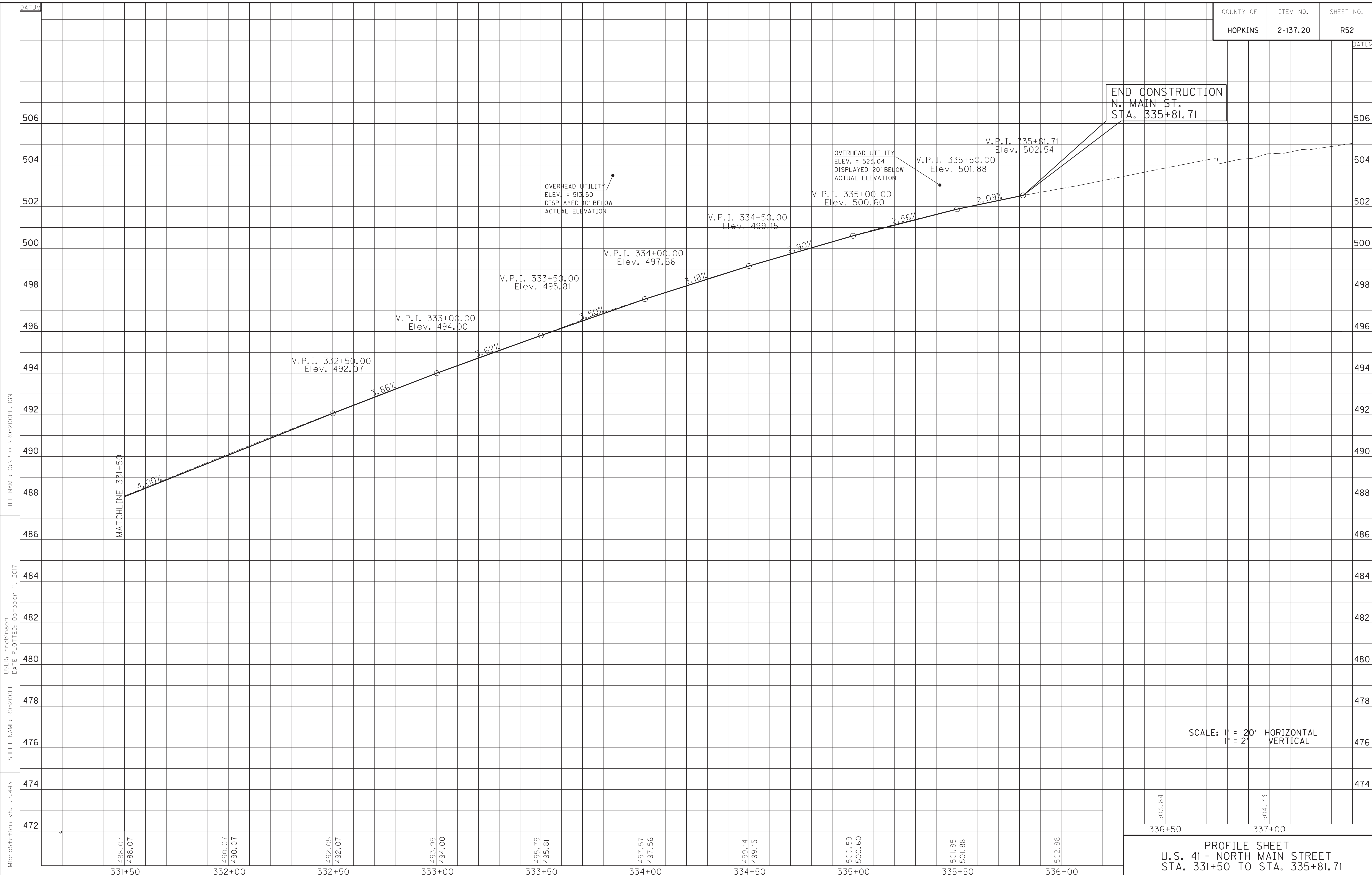
PI STA 333+22.58

Δ	= 6° 48' 24", RT
L	= 259.74'
P	= 518.87'
E	= 4367.64'
T	= 7.72'



U.S. 41 - NORTH MAIN STREET
 R/W DETAIL PLAN SHEET
 STA. 331+50 TO STA. 335+00
 SCALE: 1" = 20'

MicroStation v8.11.7.443
 E-SHEET NAME: R0510APL
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R0510APL.DGN



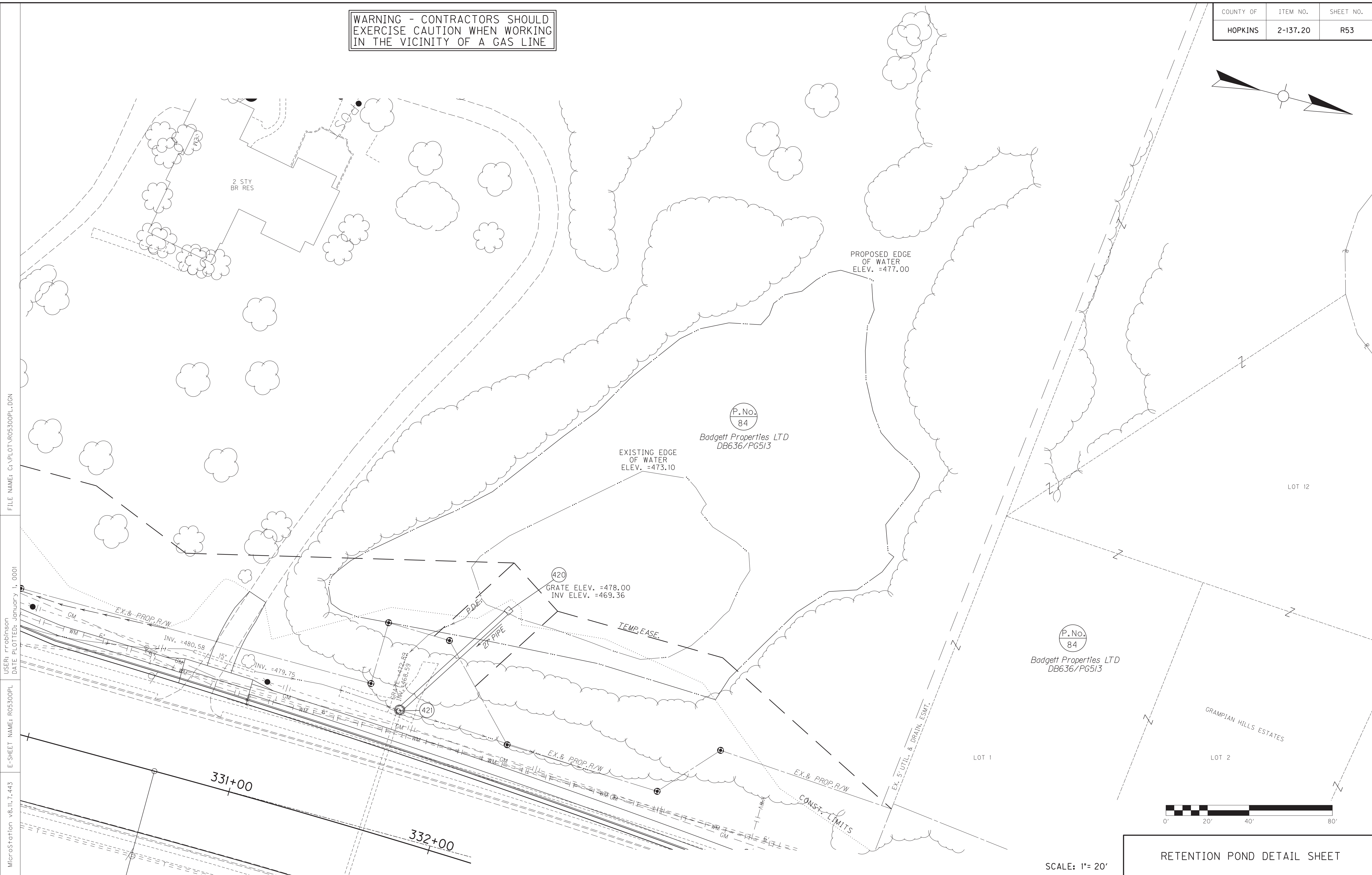
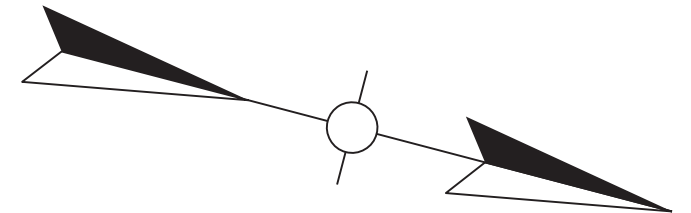
MicroStation v8.11.7.443
 E-SHEET NAME: R05200PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R05200PF.DGN

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

503.84
 336+50
 504.73
 337+00
PROFILE SHEET
U.S. 41 - NORTH MAIN STREET
STA. 331+50 TO STA. 335+81.71

WARNING - CONTRACTORS SHOULD
EXERCISE CAUTION WHEN WORKING
IN THE VICINITY OF A GAS LINE

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R53

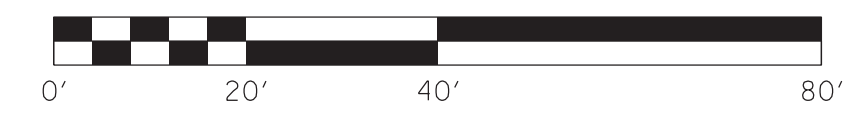


FILE NAME: C:\PLOT\R05300PL.DGN

USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: R05300PL

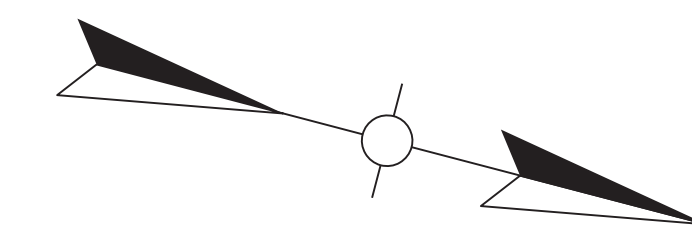
MicroStation v8.11.7.443



SCALE: 1" = 20'

RETENTION POND DETAIL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R53a



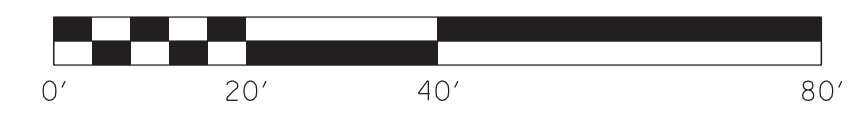
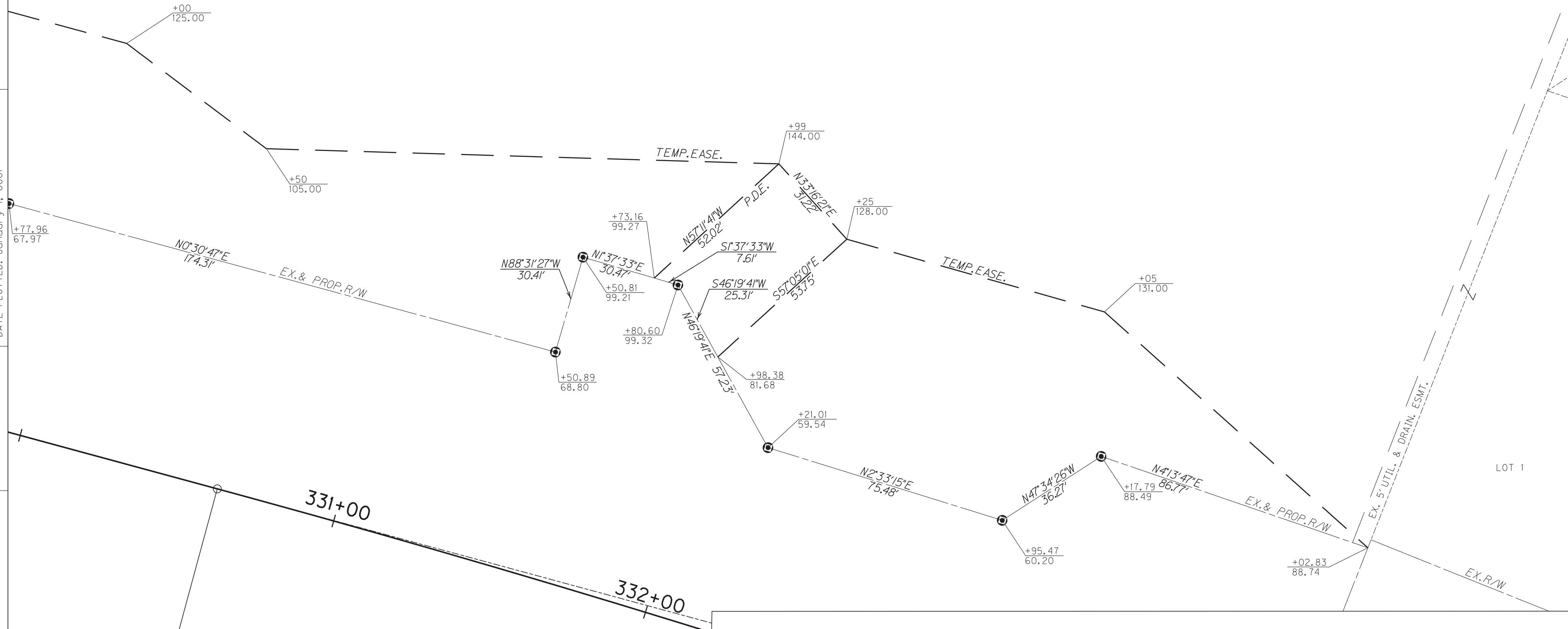
P.No.
84
Badgett Properties LTD
DB636/PG513

FILE NAME: C:\PLOT\R0530APL.DGN

USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: R0530APL

MicroStation v8.11.7.443



SCALE: 1" = 20'

DETENTION POND R/W DETAIL SHEET

P.No.
84
Badgett Properties LTD
DB636/PG513

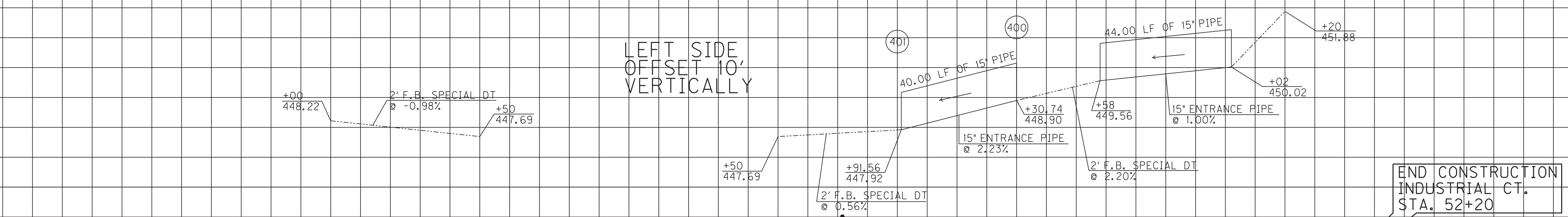
LOT 12

LOT 2

LOT 1

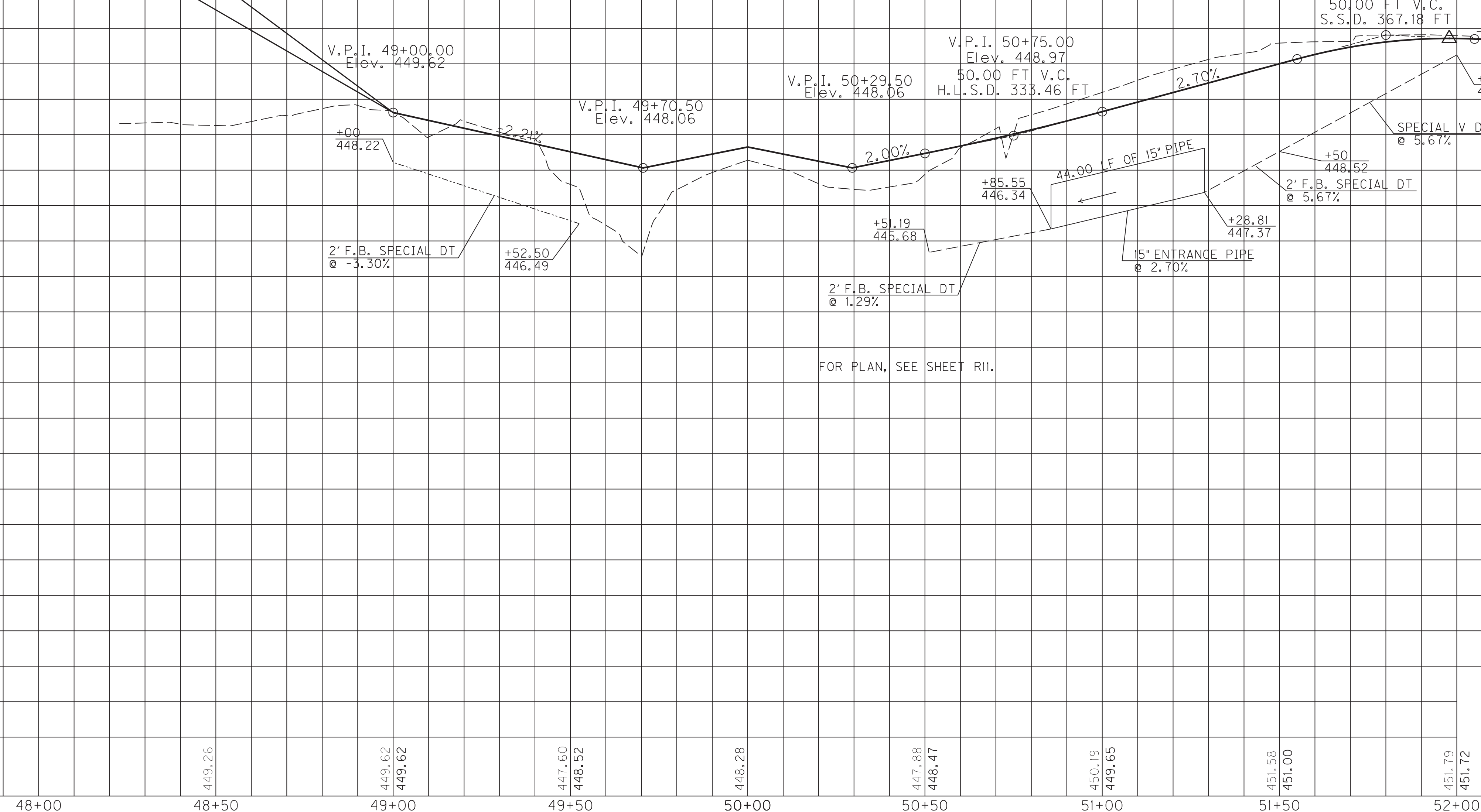
GRAMPIAN HILLS ESTATES

FILE NAME: C:\PLOT\RO5400PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO5400PF
 MicroStation v8.11.7.443



BEGIN CONSTRUCTION
 APPR RD. 656+66
 STA. 49+00

END CONSTRUCTION
 INDUSTRIAL CT.
 STA. 52+20

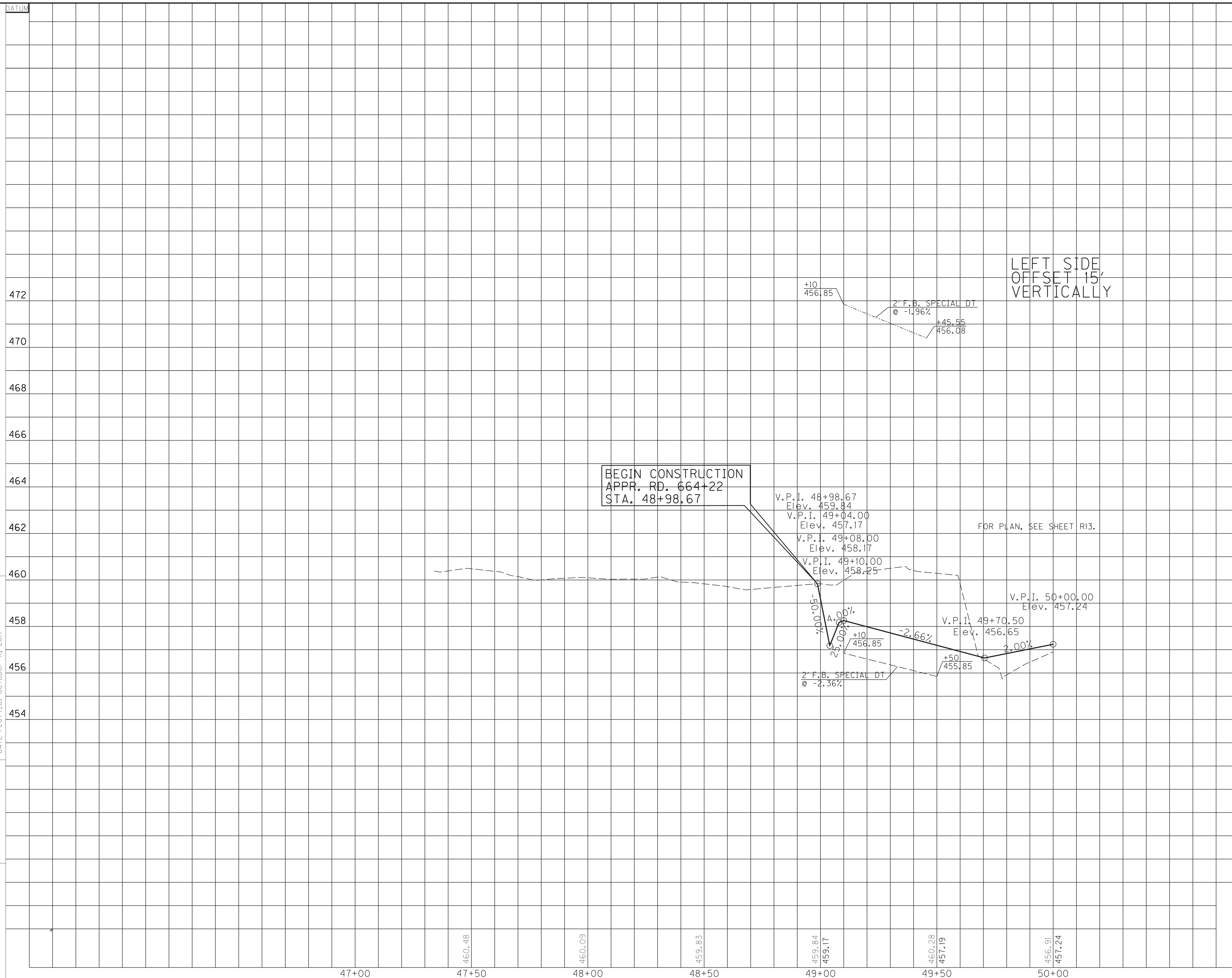


SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

52+50
 PROFILE SHEET
 APPROACH RD. 656+66
 & INDUSTRIAL COURT

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R55

MicroStation v8.11.7.443
 E-SHEET NAME: R05500PF
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R05500PF.DGN

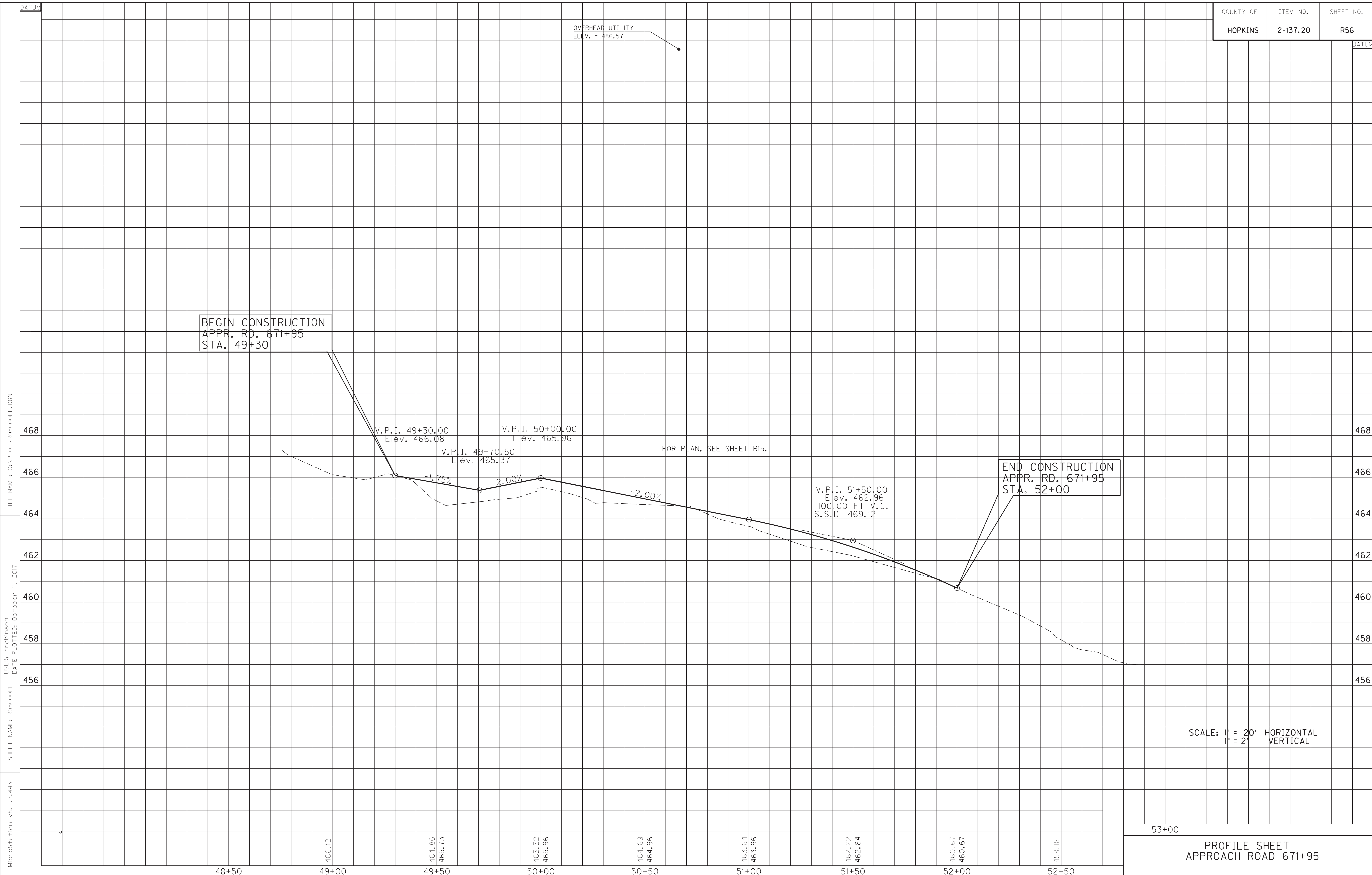


SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

PROFILE SHEET
 APPROACH ROAD 664+22

OVERHEAD UTILITY
ELEV. = 486.57

FILE NAME: G:\PLOT\RO5600PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO5600PF
 MicroStation v8.11.7.443



BEGIN CONSTRUCTION
APPR. RD. 671+95
STA. 49+30

END CONSTRUCTION
APPR. RD. 671+95
STA. 52+00

FOR PLAN, SEE SHEET R15.

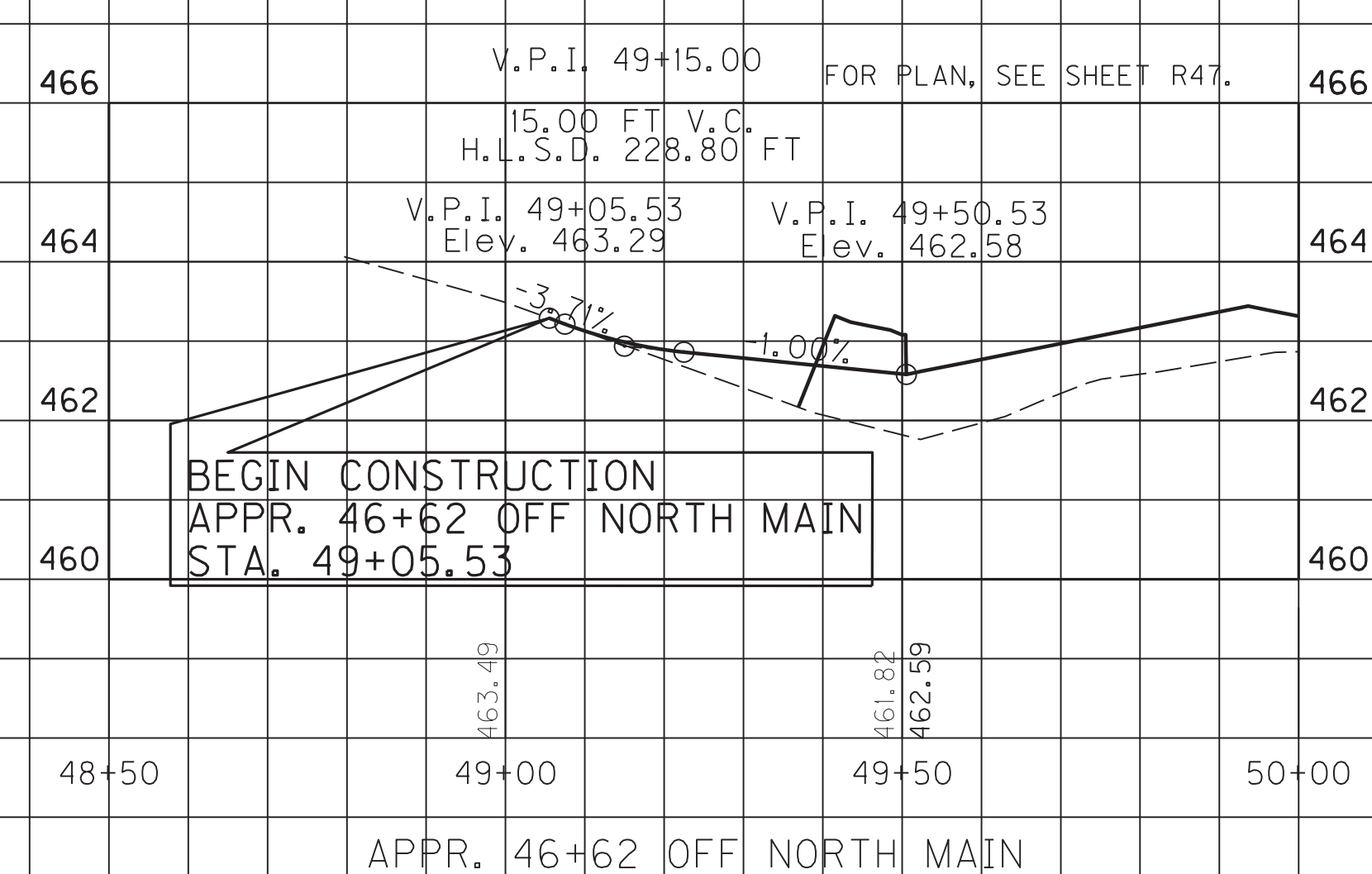
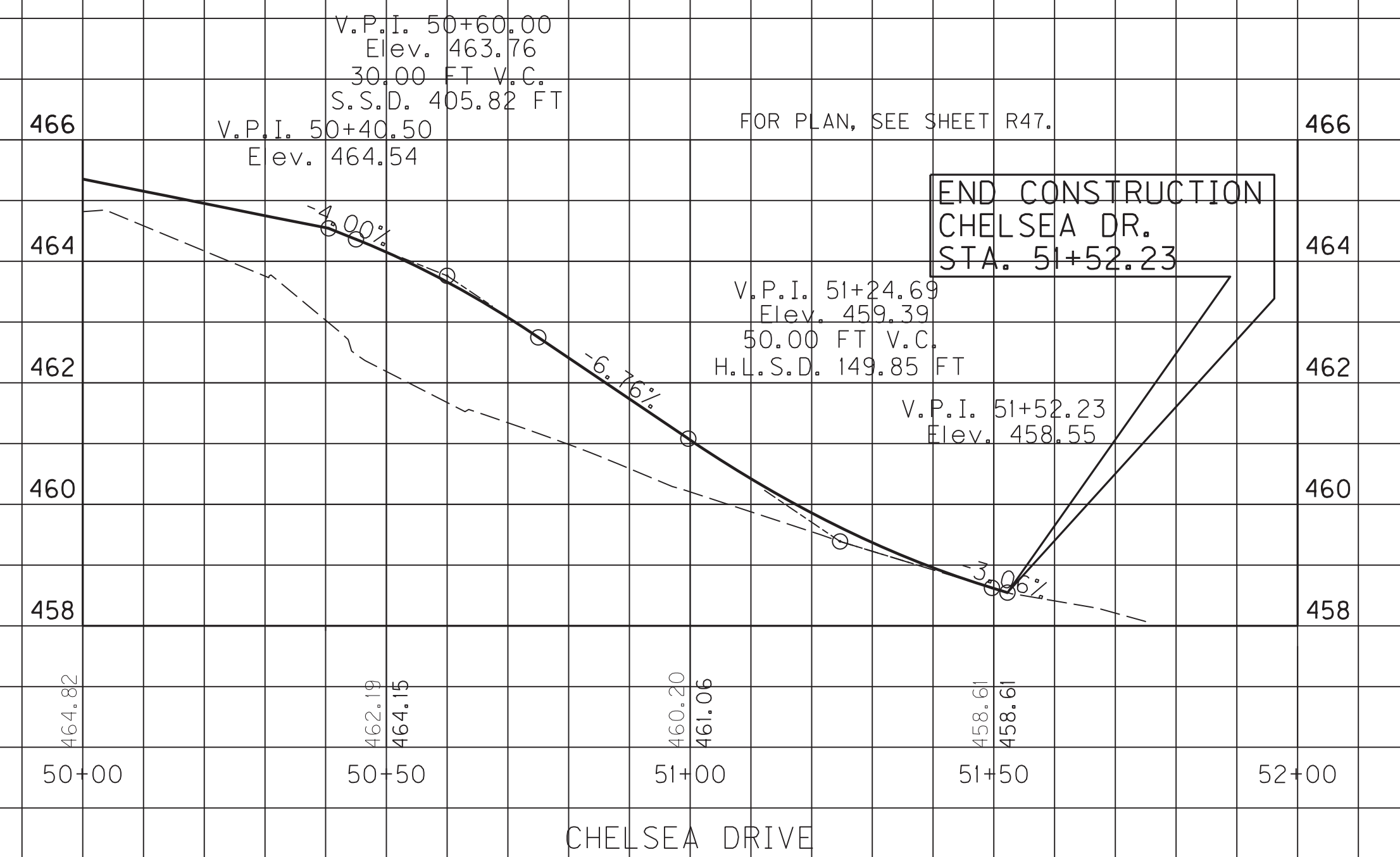
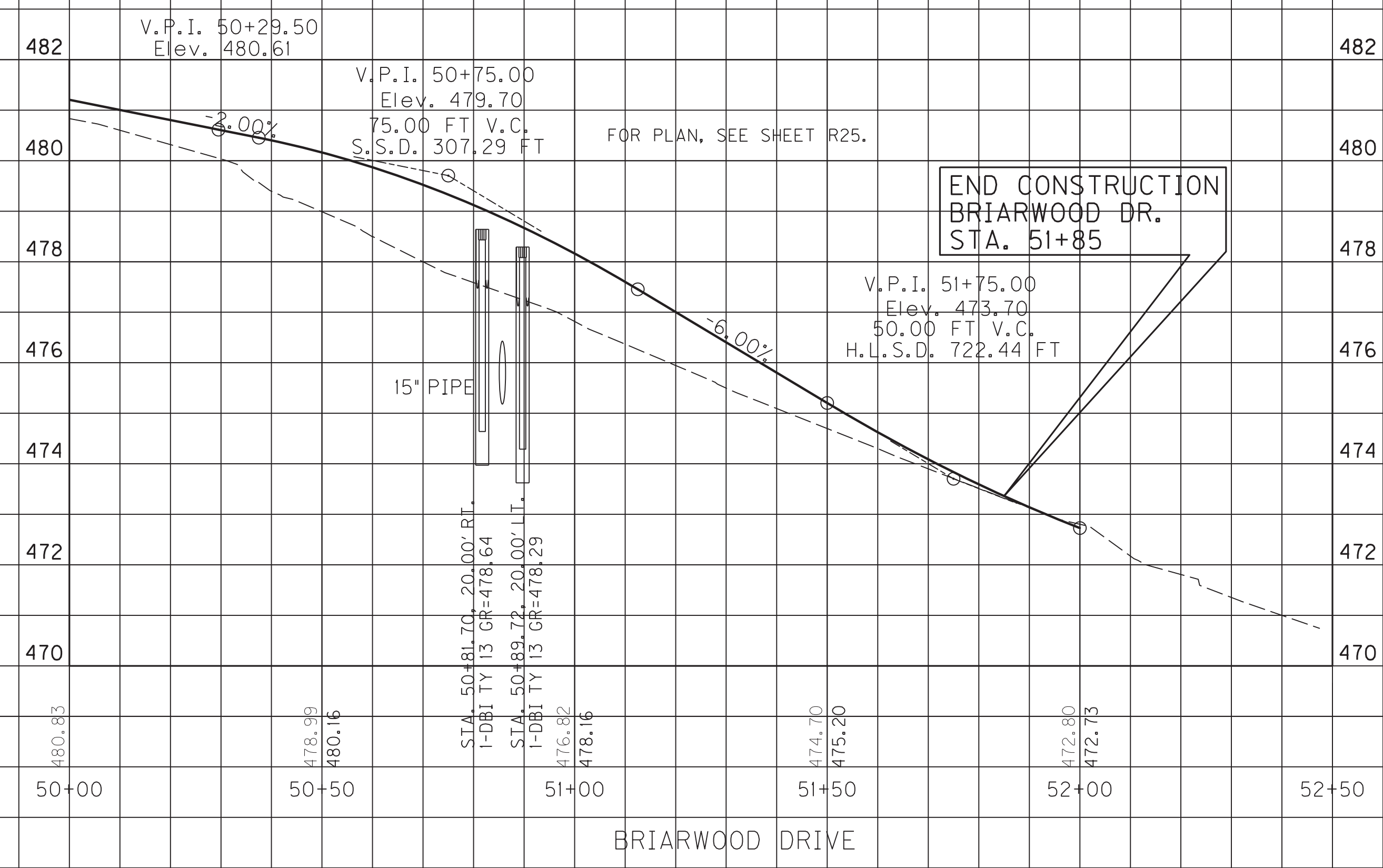
SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

53+00

PROFILE SHEET
APPROACH ROAD 671+95

48+50 49+00 49+50 50+00 50+50 51+00 51+50 52+00 52+50

466.12 464.86
465.73 465.52
465.96 464.69
464.96 463.64
463.96 462.22
462.64 460.67
460.67 458.18



SCALE: 1" = 20' HORIZONTAL
1" = 2' VERTICAL

PROFILE SHEET
BRIARWOOD DRIVE, CHELSEA DRIVE
AND APPR. 46+62 OFF NORTH MAIN

FILE NAME: C:\PLOT\RO5700PF.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO5700PF
 MicroStation v8.11.7.443

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER				SOURCE OF TITLE	REMARKS (HAZARDOUS WASTE)		
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S				
								ACRES	SQ. FT.	ACRES	SQ. FT.															
46	Left Lexington Properties, LLC	3.497	152329		4154		26919	3.402	148175					3.402	148175									DB 646, PG 747		
47	Gary E. Peyton & Joseph C. Peyton	0.976	42515			6320	11100			0.831	36195											1		DB 319, PG 617		
48	Not Used																									
49	KBC Madisonville, LLC	0.491	21388		5350	777	6541			0.350	15261										1			DB 725, PG 220		
98	Joseph Peyton		15261			3993					11268														DB 751, PG 151	
50	Richard Lee Sanderson & Sidney Sanderson	9.806	427149		2846	4098	26675			9.647	420205			9.647	420205										DB 517, PG 513	
51	BFS Rental & Commercial Operations, LLC	1.480	64469				7926			1.480	64469			1.480	64469										DB 624, PG 696	
52	Ronald Lee Sanders Sr. & Alice M. Sanders (wf)	5.660	246550			1120	25328			5.660	245430			5.634	245430										DB 624, PG 310-DB 618, PG 017-DB 581, PG 402	
53	One Twelve Corp	4.987	217234		848	850	26898			4.948	215536			4.948	215536										DB 459 PG 011	
54	Not Used																									
55	George Ruffin Chandler Jr. & Mary L. Chandler (wf)	23.538	1025315		1293	740	52101	23.491	1023282					23.491	1023282										DB 595, PG 293	
56	Margie Ellen Shouse	2.190	95396				10051			2.190	95396			2.190	95396										DB 460, PG 607	
57	Not Used																									
58	Not Used																									
59	Not Used																									
60	Not Used																									
61	City of Madisonville	264.4	11517264			1792	55465	264.359	11515472					264.359	11515472										DB 687, PG 775 Parcel #4	
62	W-D Properties	18.314	797763		360	1596	41878			18.269	795807			18.269	795807							3*		DB 484 PG 624	* Storage Canopy	
63	Hopkins County Farm Bureau Inc.	1.006	43821			246	4014			1.000	43575			1.000	43575										DB 357 PG 419	
64	Sherrell Joseph Calhoun & Elizabeth Jean Calhoun (wf)	0.646	28140			69	1800			0.644	28071				28071										DB 397 PG 075	
65	Not Used																									
66	Sajco, LLC	7.016	305617		2701	640	14980			6.939	302276			6.939	302276										DB656 PG 564	
67	Not Used																									
68	Kentucky Holdings I, LLC	2.647	115303			1451	11972	2.614	113852					2.614	113852										DB 655, PG 487	
69	James A. Wells & Connie Sue Wells (wf)	2.05	89298		373	539	7175	2.029	88386					2.029	88386										DB 356, PG 107	
70	Not Used																									
71	Ahstrom Filtration, LLC	17.912	780247			880	53128			17.912	780247			17.912	780247										DB 355, PG 422**	
72	Xiao X. Chen	2.733	119049				22281	2.733	119049					2.733	119049										DB 735, PG 357	
73	Not Used																									

**DB 358, PG 033 DB 501, PG 727
DB 502, PG 402 DB 668, PG 138

NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT
+ AREA SEVERED = TOTAL AREA OF TRACT.

TYPE SEWER SYSTEM
1. PRIVATE - INDIVIDUAL
2. PRIVATE - MULTI PARTY
3. PUBLIC
4. NONE
5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
C - COMMERCIAL
R - RESIDENTIAL
F - FARM
S - STORAGE

HAZARDOUS WASTE
UST - UNDERGROUND STORAGE TANK

FILE NAME: G:\PLOT\RO5800RW.DGN
 USER: rrobinson
 DATE PLOTTED: October 16, 2017
 E-SHEET NAME: R05800RW
 MicroStation v8.11.7.443

THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

RIGHT OF WAY SUMMARY

PARCEL NO.	OWNER(S)	TOTAL AREA OF TRACT		PERMANENT R/W ACQUIRED		EASEMENTS		AREA SEVERED				EXCESS PURCHASED		PORTION REMAINING		SEWER SYSTEM TYPE	SEWER SYSTEM AFFECTED BY PROJECT		BUILDINGS ACQUIRED NUMBER					SOURCE OF TITLE	REMARKS (HAZARDOUS WASTE)
		ACRES	SQ. FT.	ACRES	SQ. FT.	PERMANENT SQ. FT.	TEMPORARY SQ. FT.	LEFT		RIGHT		ACRES	SQ. FT.	ACRES	SQ. FT.		YES	NO	C	R	F	S			
								ACRES	SQ. FT.	ACRES	SQ. FT.														
74	Jerry W. Lewis & Sherre Lewis (wf)	2.878	125366		16344	1418	47611	2.470	107604					2.470	107604								DB 591, PG 206		
75	Not Used																								
76	Not Used																								
77	Debra Kay Doyle (married)	0.297	12937				686			0.297	12937				12937								DB 678, PG 524		
78	Not Used																								
79	Not Used																								
80	Bruce E. & Joan Spencer (wf)&Terry D.& Sarah Spencer (wf)	0.934	40685		1993		6007			0.888	38692				38692								DB 466, PG 405 - DB 481, PG 551		
81	Hudson Properties Limited Partnership	0.354	15420				1196			0.354	15420				15420								DB 679, PG 569		
82	Gholam Sattar Shamsabadi	0.570	24829				1449			0.570	24829				24829								DB 545, PG 456		
83	Not Used																								
84	Badgett Properties LTD	16.351	712250		5498	1581	29926	16.188	705171					16.188	705171								DB 636, PG 513		
85	Spirit SPE Portfolio 2004-6,LLC	0.971	42297		3011	272	3856			0.896	39014				39014								DB 640, PG 581		
86	Jui Tao Huang & Mi Hua Huang (husband and wife)	0.970	42253		647	118	5390	0.952	41488						41488								DB 601, PG 402		
87	Suzanne L. Winstead	0.526	22913		215	1167	4283			0.494	21531				21531				1*				DB 524, PG 022	* Gas Pump Canopy	
88	Jerry Lewis & Sherri Lewis (wf)	0.710	30928		316		2375	0.703	30612						30612								DB 659, PG 056		
89	Not Used																								
90	McDonald's Corporation	1.023	44562		44		2235			1.022	44518			1.022	44518								DB 367, PG 410		
91	Hancock Bank & Trust Co. Trustee, Juanita Badgett Marital Trust	4.2615	185631		17823					3.852	167808												DB 654, PG 135		
92	Not Used																								
93	Not Used																								
94	Palmer Operations, LLC	0.787	34288				2212	0.787	34288						34288								DB 693, PG 315		
95	Not Used																								
96	Jerry Lewis & Sherri Lewis (wf)	4.209	183344			267	7915	4.203	183077					4.203	183077								DB 657, PG 236 - DB 647, PG 035		
97	Gary S. Russell & Julie A. Russell (wf)	0.975	42471				2720			0.975	42471				42471								DB 511, PG 530 DB 666, PG 520 DB 462, PG 504		
99	Cole WC Madisonville KY, LLC	2.239	97531		1275		17800	2.210	96256					2.210	96256								DB 701, PG 504		
98	Joseph Peyton		15261			3993					11268				11268								DB 751, PG 151		

FILE NAME: G:\PLOT\R05900RW.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: R05900RW
 MicroStation v8.11.7.443

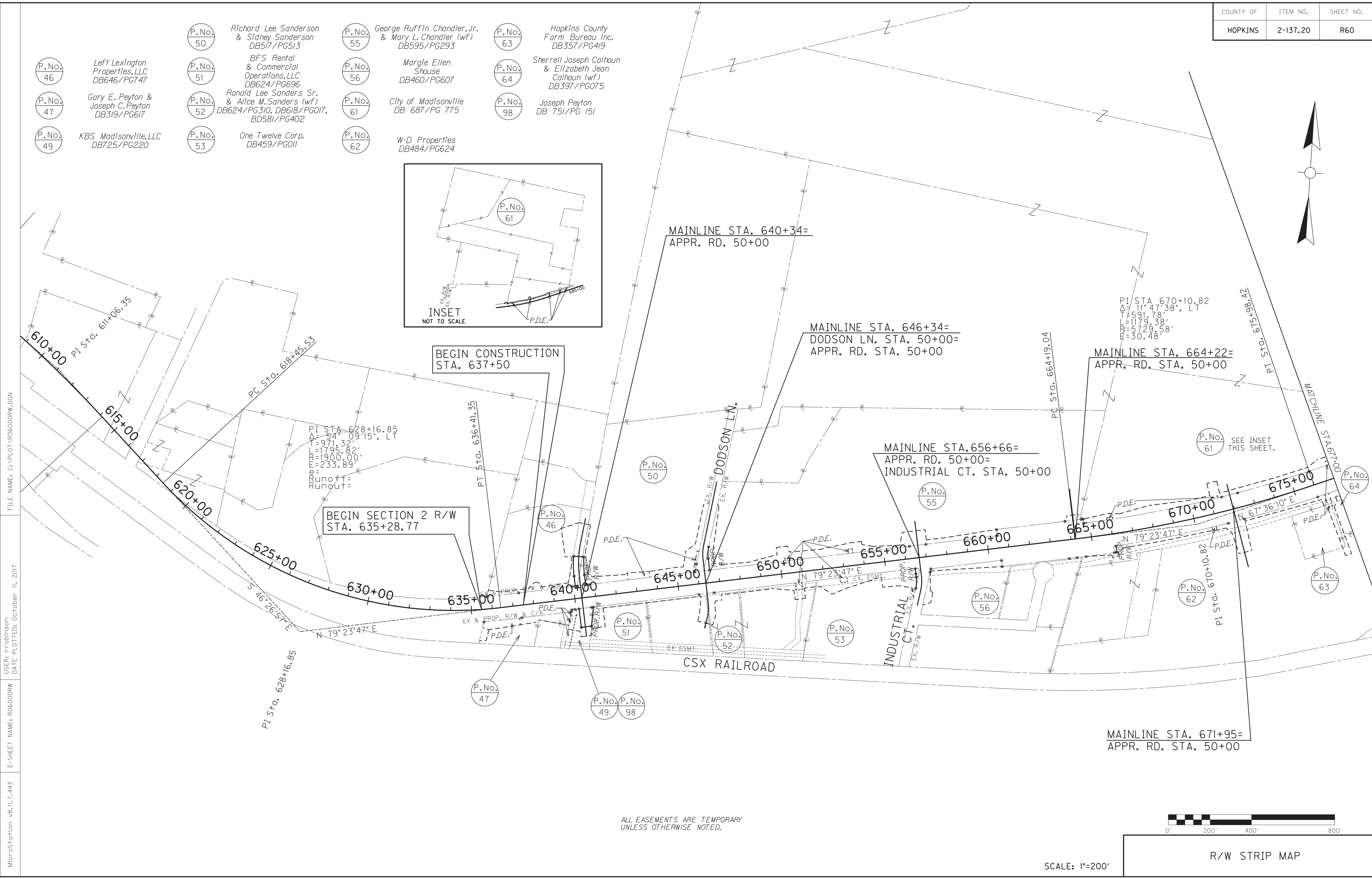
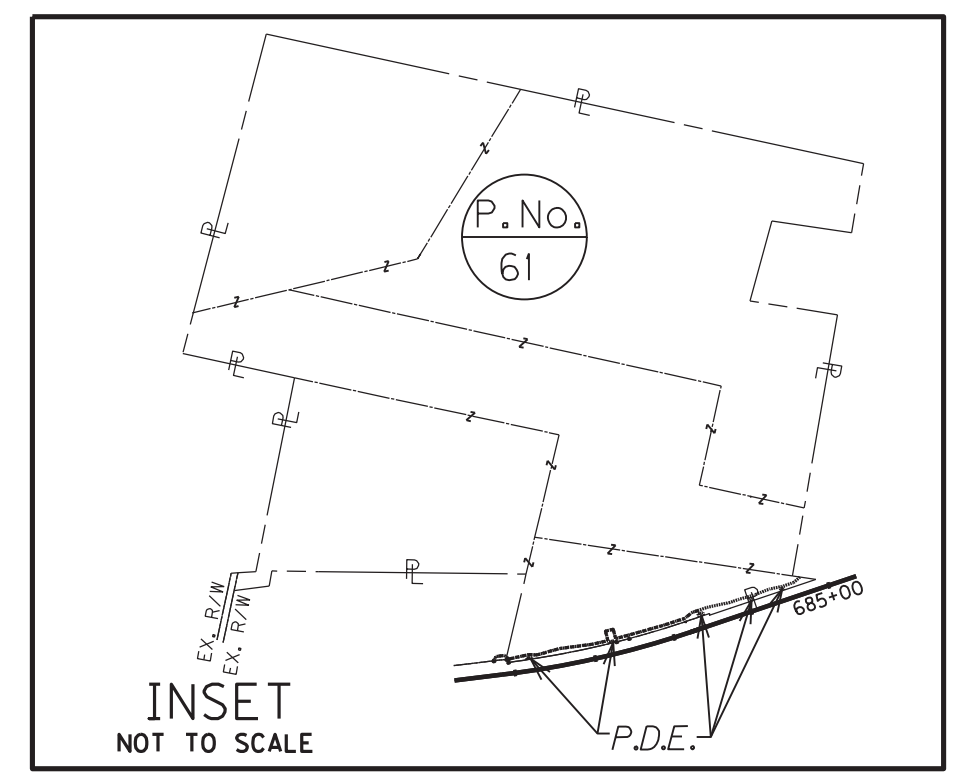
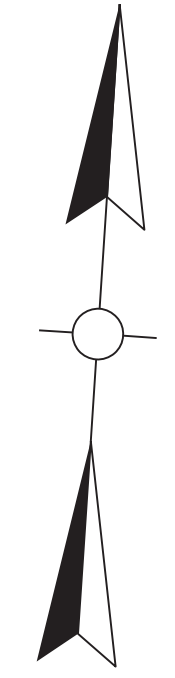
NOTE: PERMANENT R/W ACQUIRED + PERMANENT EASEMENT + AREA SEVERED = TOTAL AREA OF TRACT.

TYPE SEWER SYSTEM
 1. PRIVATE - INDIVIDUAL
 2. PRIVATE - MULTI PARTY
 3. PUBLIC
 4. NONE
 5. NOT APPLICABLE

BUILDINGS ACQUIRED CODE
 C - COMMERCIAL
 R - RESIDENTIAL
 F - FARM
 S - STORAGE

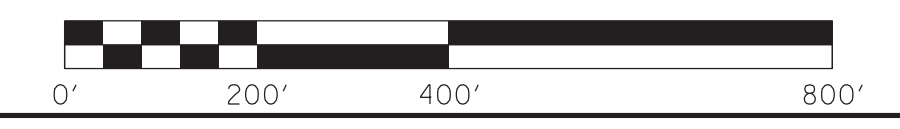
HAZARDOUS WASTE
 UST - UNDERGROUND STORAGE TANK

- | | | | |
|--|---|--|--|
| (P.No. 46) Left Lexington Properties, LLC DB646/PG747 | (P.No. 50) Richard Lee Sanderson & Sidney Sanderson DB517/PG513 | (P.No. 55) George Ruffin Chandler, Jr. & Mary L. Chandler (wf) DB595/PG293 | (P.No. 63) Hopkins County Farm Bureau Inc. DB357/PG419 |
| (P.No. 47) Gary E. Peyton & Joseph C. Peyton DB319/PG617 | (P.No. 51) BFS Rental & Commercial Operations, LLC DB624/PG696 | (P.No. 56) Margie Ellen Shouse DB460/PG607 | (P.No. 64) Sherrell Joseph Calhoun & Elizabeth Jean Calhoun (wf) DB397/PG075 |
| (P.No. 49) KBS Madisonville, LLC DB725/PG220 | (P.No. 52) Ronald Lee Sanders Sr. & Alice M. Sanders (wf) DB624/PG310, DB618/PG017, BD581/PG402 | (P.No. 61) City of Madisonville DB 687/PG 775 | (P.No. 98) Joseph Peyton DB 751/PG 151 |
| | (P.No. 53) One Twelve Corp. DB459/PG011 | (P.No. 62) W-D Properties DB484/PG624 | |



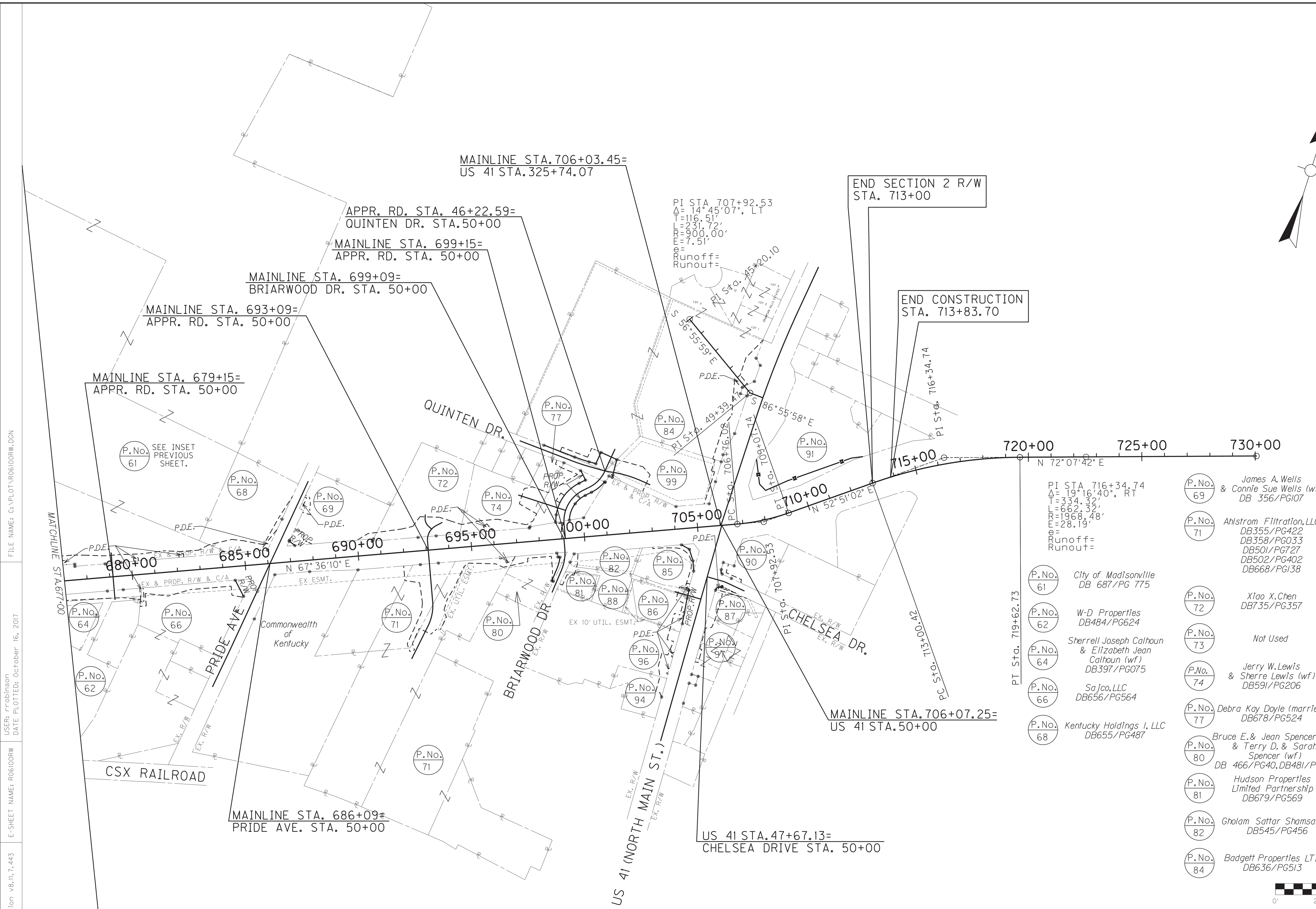
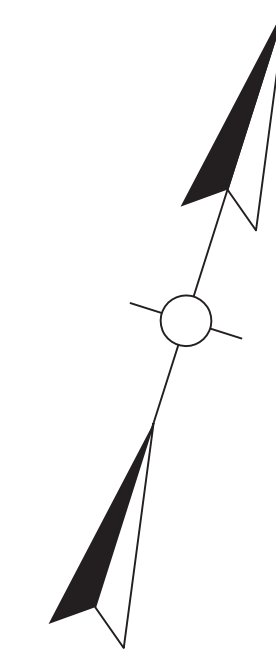
FILE NAME: G:\PLOT\RO6000RW.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO6000RW
 MicroStation v8.11.7.443

ALL EASEMENTS ARE TEMPORARY
UNLESS OTHERWISE NOTED.



SCALE: 1"=200'

R/W STRIP MAP



P.No. 61	City of Madisonville DB 687/PG 775	P.No. 85	Spirit SPE Portfolio 2004-6, LLC DB640/PG581
P.No. 62	W-D Properties DB484/PG624	P.No. 86	Jui Tao Huang & Mi Hua Huang (husband and wife) DB601/PG402
P.No. 64	Sherrell Joseph Calhoun & Elizabeth Jean Calhoun (wf) DB397/PG075	P.No. 87	Suzanne L. Winstead DB524/PG022
P.No. 66	Sajco, LLC DB656/PG564	P.No. 88	Jerry Lewis & Sherri Lewis (wf) DB659/PG056
P.No. 68	Kentucky Holdings I, LLC DB655/PG487	P.No. 89	McDonald's Corporation DB367/PG410
P.No. 69	James A. Wells & Connie Sue Wells (wf) DB 356/PG107	P.No. 90	Hancock Bank & Trust Co. Trustee Juanita Badgett Marital Trust DB654/PG135
P.No. 71	Ahstrom Filtration, LLC DB355/PG422 DB358/PG033 DB501/PG727 DB502/PG402 DB668/PG138	P.No. 91	Palmer Operations, LLC DB693/PG315
P.No. 72	Xiao X. Chen DB735/PG357	P.No. 92	Jerry Lewis & Sherri Lewis DB657/PG236 DB647/PG035
P.No. 73	Not Used	P.No. 93	Gary S. Russell & Julie A. Russell (wf) DB511/PG530
P.No. 74	Jerry W. Lewis & Sherre Lewis (wf) DB591/PG206	P.No. 94	Cole WG Madisonville KY, LLC DB701/PG504
P.No. 77	Debra Kay Doyle (married) DB678/PG524	P.No. 95	Badgett Properties LTD DB636/PG513
P.No. 78	Bruce E. & Jean Spencer (wf) & Terry D. & Sarah Spencer (wf) DB 466/PG40, DB481/PG551		
P.No. 79	Hudson Properties Limited Partnership DB679/PG569		
P.No. 80	Gholam Sattar Shamsabadi DB545/PG456		

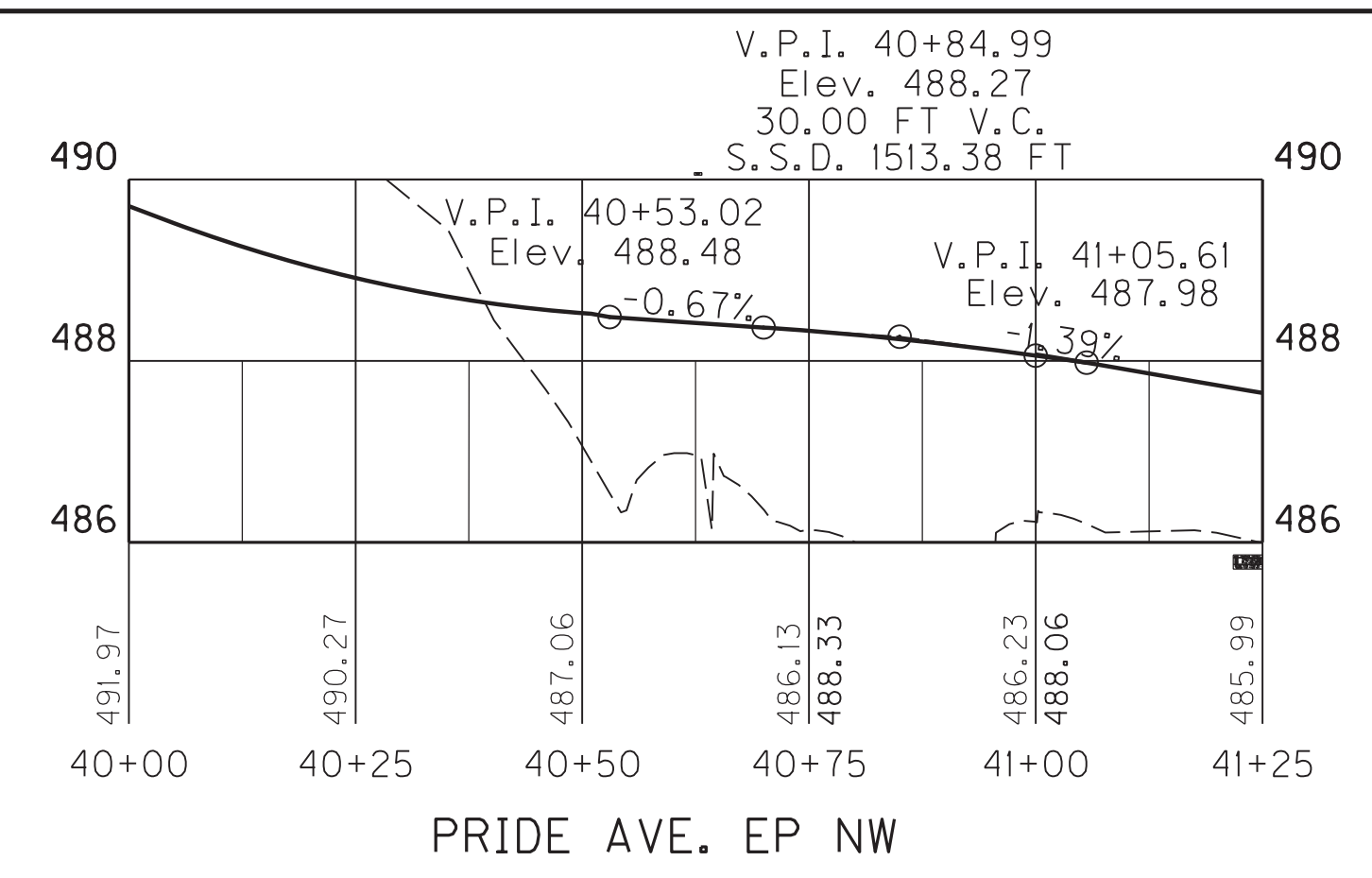
FILE NAME: G:\PLOT\RO6100RW.DGN
 USER: rrobinson
 DATE PLOTTED: October 16, 2017
 E-SHEET NAME: RO6100RW
 MicroStation v8.11.7.443

ALL EASEMENTS ARE TEMPORARY
 UNLESS OTHERWISE NOTED.

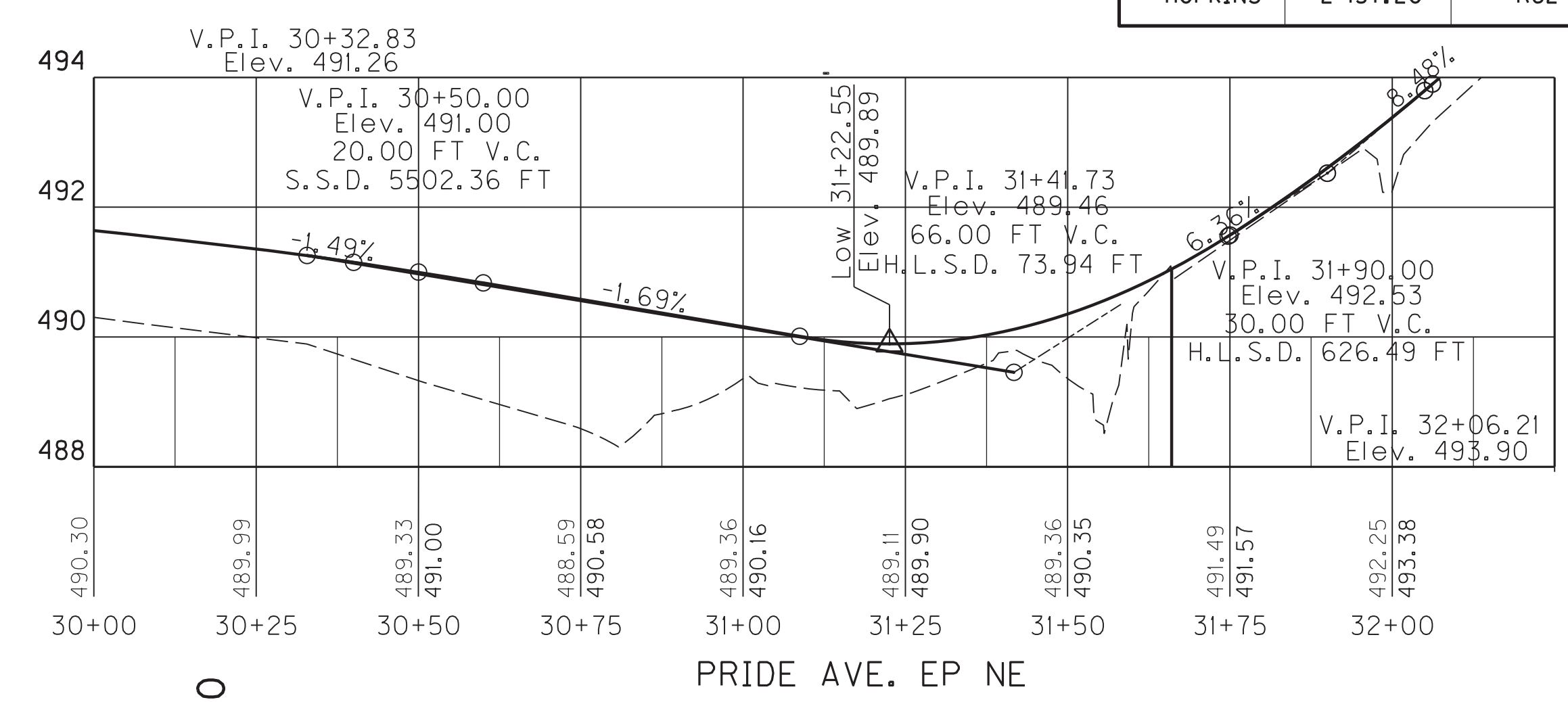


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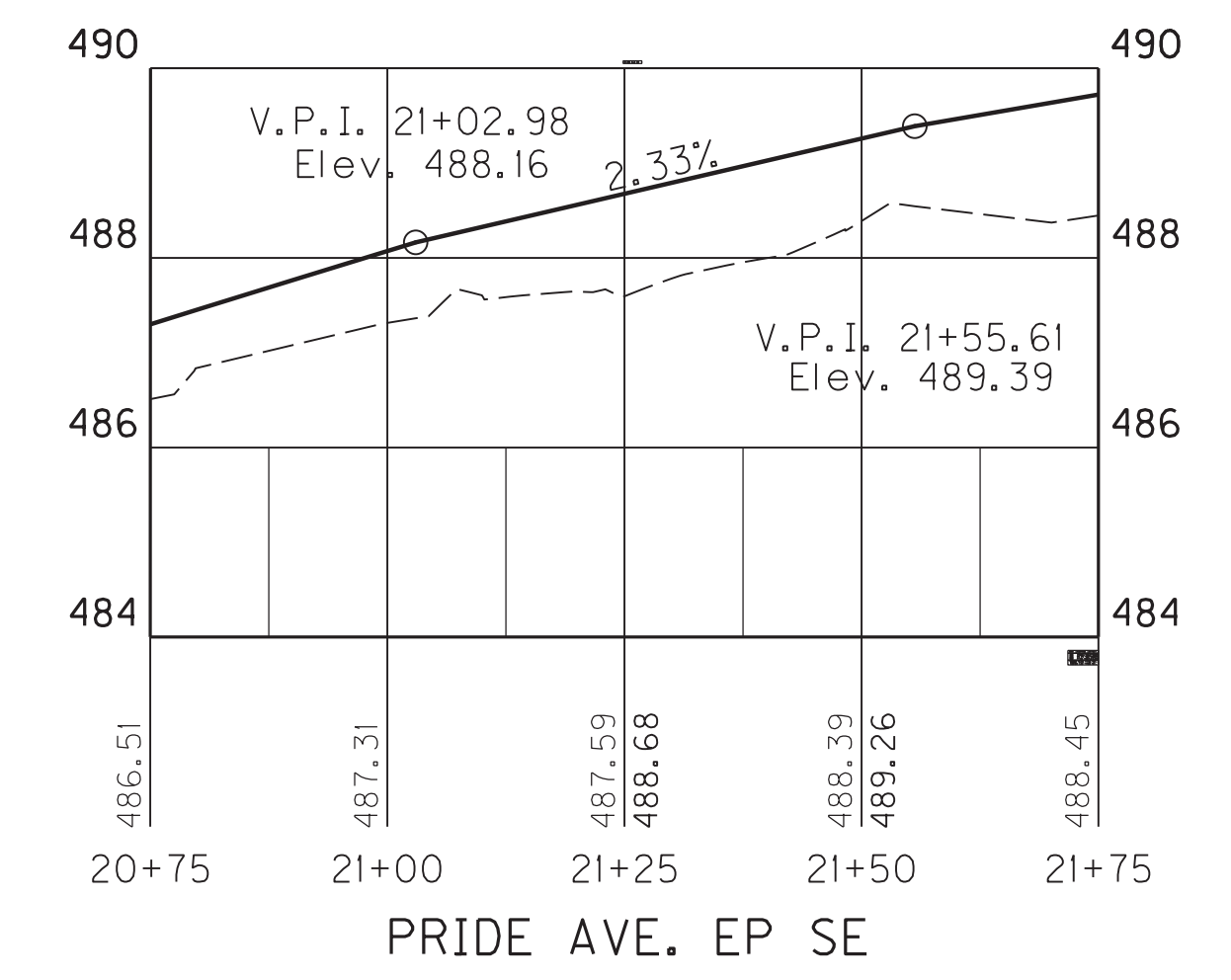
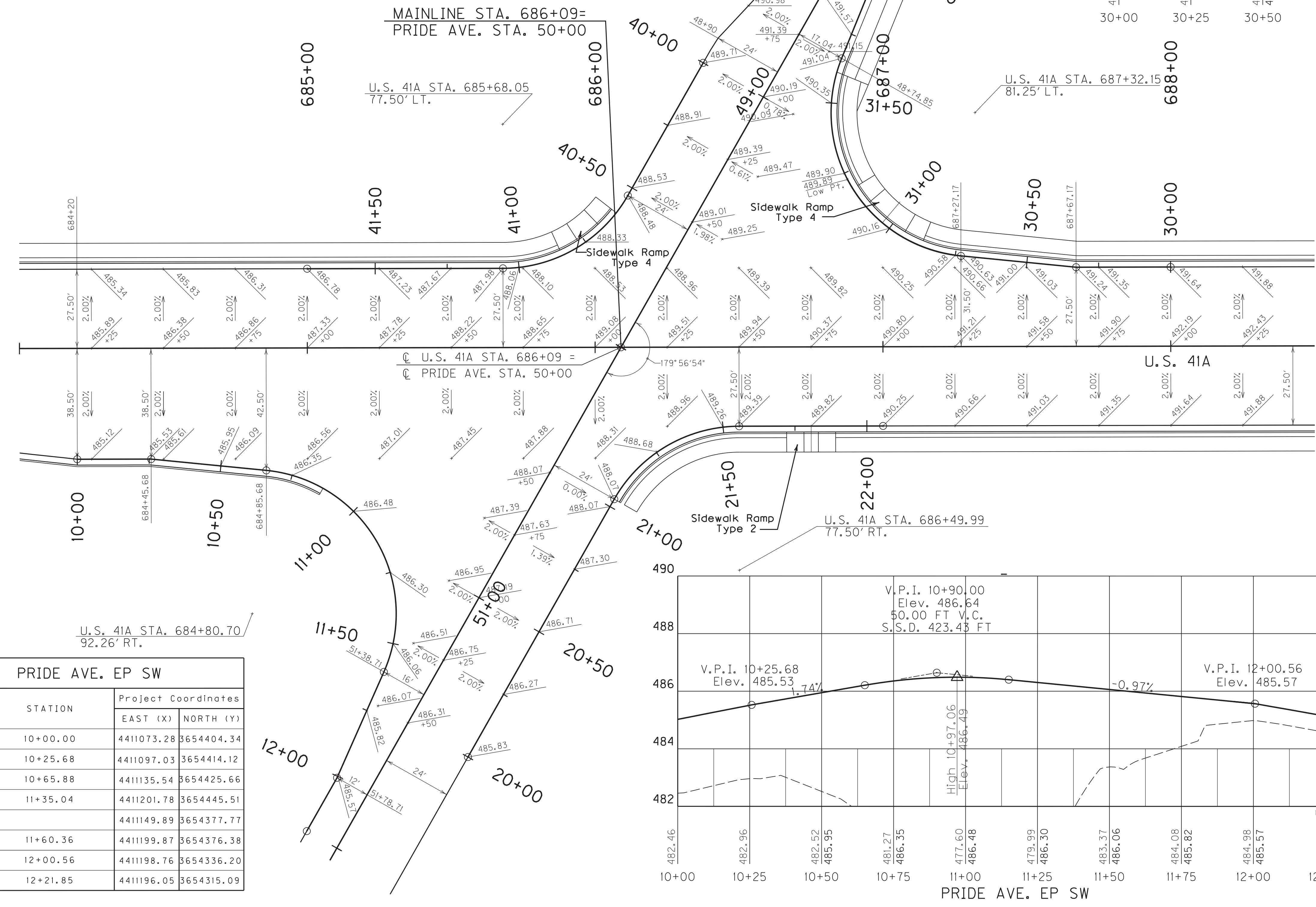
R/W STRIP MAP



PRIDE AVE. EP NW			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	40+00.00	4411222.33	3654614.19
P.C.	40+53.02	4411215.55	3654561.61
P.I.	40+82.04	4411211.84	3654532.83
C.C.	4411165.96	3654568.00	
P.T.	41+05.61	4411185.02	3654521.77
P.O.E.	10+90.36	4411122.10	3654495.84

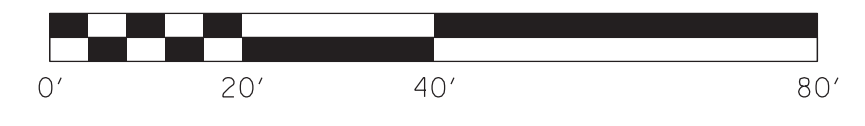
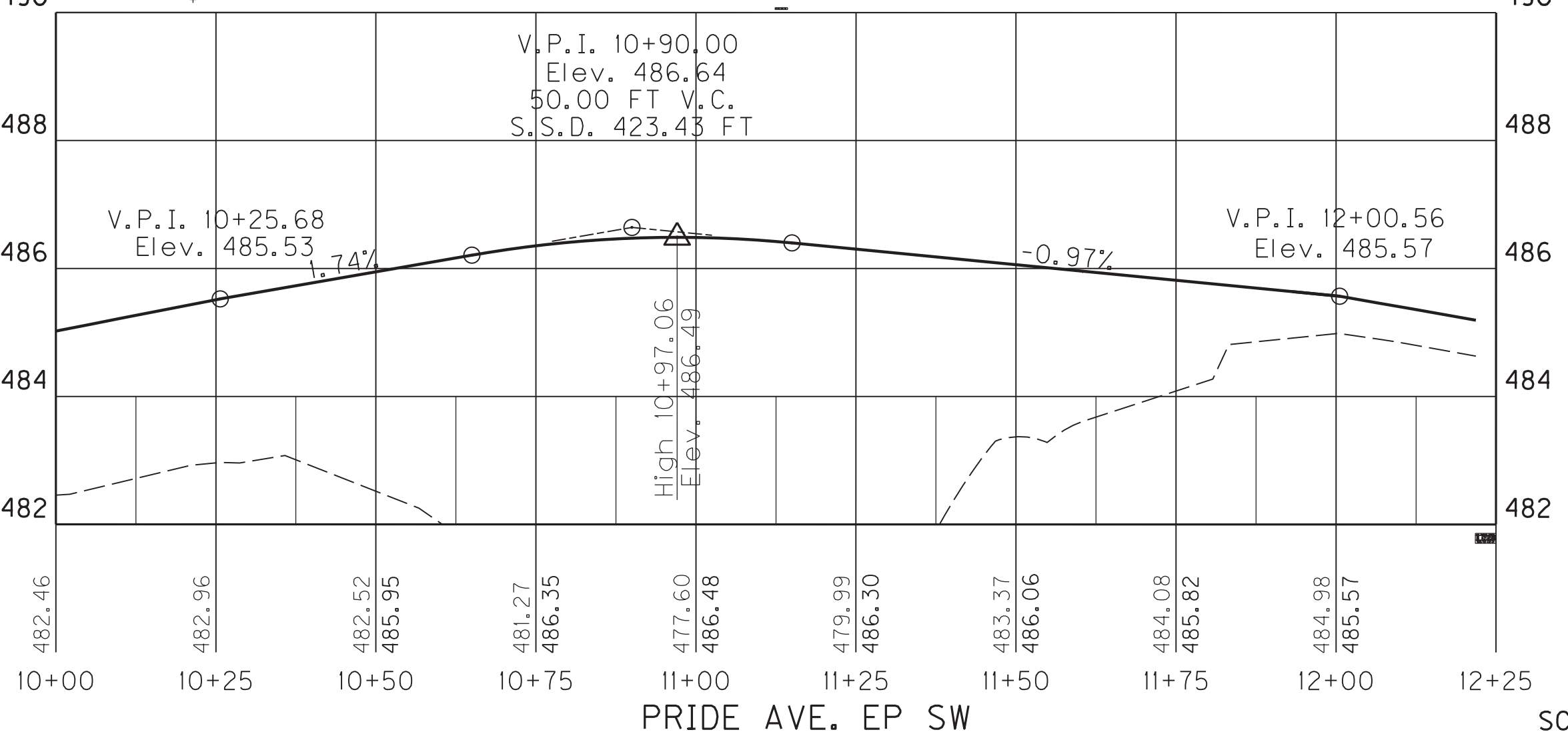


PRIDE AVE. EP NE			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	30+00.00	4411399.47	3654610.15
P.I.	30+32.83	4411369.12	3654597.64
P.C.	30+73.03	4411330.61	3654586.10
P.I.	31+40.05	4411266.41	3654566.86
C.C.	4411316.26	3654634.00	
P.T.	31+66.01	4411266.26	3654633.88
P.I.	32+06.21	4411266.17	3654674.08
P.O.E.	32+41.22	4411269.57	3654708.93



PRIDE AVE. EP SE			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	20+00.00	4411238.11	3654360.11
P.C.	21+02.98	4411251.19	3654462.26
P.I.	21+32.03	4411254.87	3654491.07
C.C.	4411300.78	3654455.91	
P.T.	21+55.61	4411281.73	3654502.14
P.O.E.	22+05.62	4411327.97	3654521.20

PRIDE AVE. EP SW			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	10+00.00	4411073.28	3654404.34
P.I.	10+25.68	4411097.03	3654414.12
P.C.	10+65.88	4411135.54	3654425.66
P.I.	11+35.04	4411201.78	3654445.51
C.C.	4411149.89	3654377.77	
P.T.	11+60.36	4411199.87	3654376.38
P.I.	12+00.56	4411198.76	3654336.20
P.O.E.	12+21.85	4411196.05	3654315.09



U.S. 41A & PRIDE AVE.
ELEVATION DEVELOPMENT SHEET

SCALE: 1"=20'

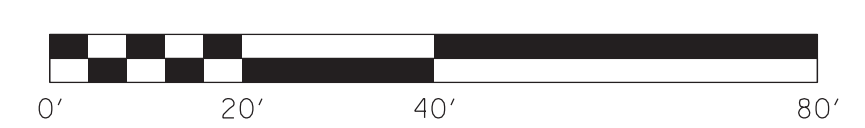
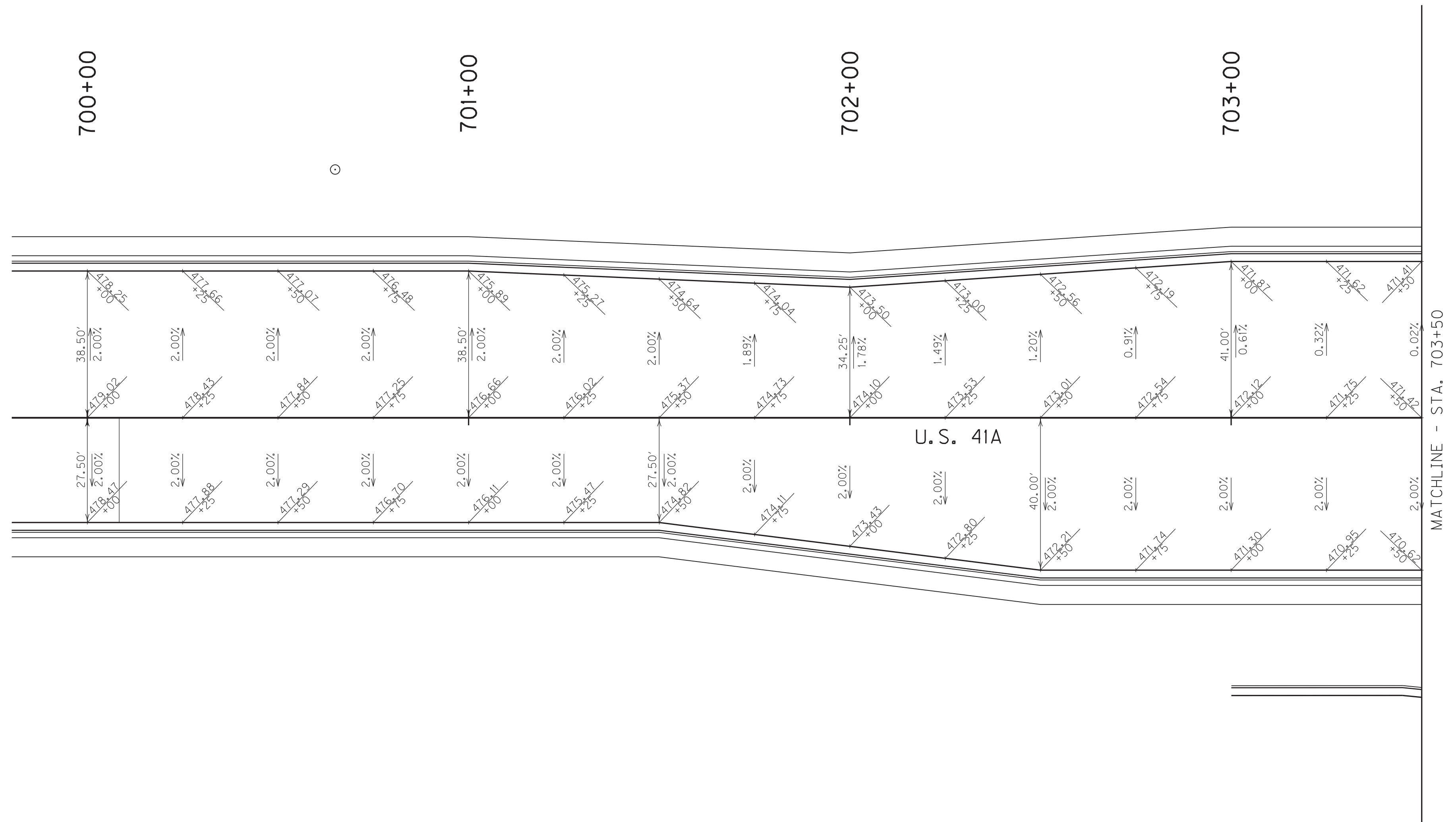
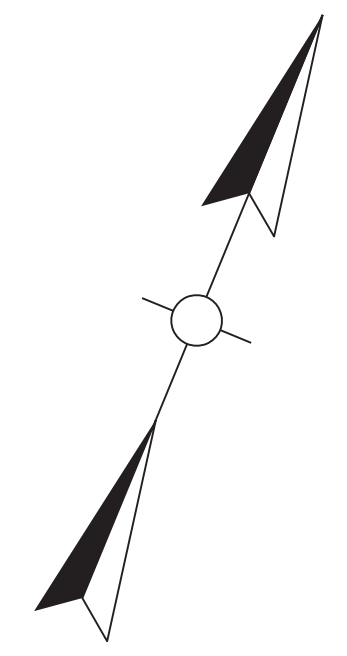
FILE NAME: G:\PLOT\0620005.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: 0620005

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R63



U.S. 41A
 ELEVATION DEVELOPMENT SHEET
 STA. 700+00 TO STA. 703+50

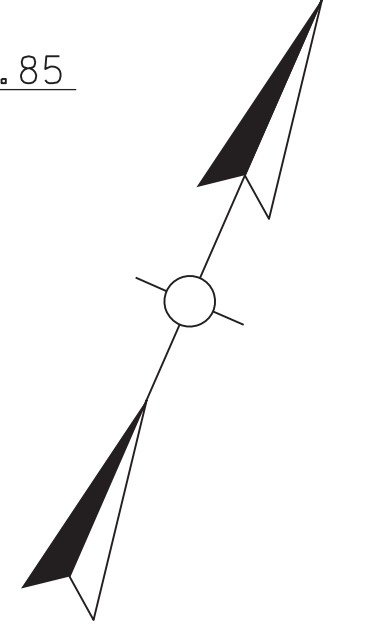
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FILE NAME: C:\PLOT\R0630005.DGN

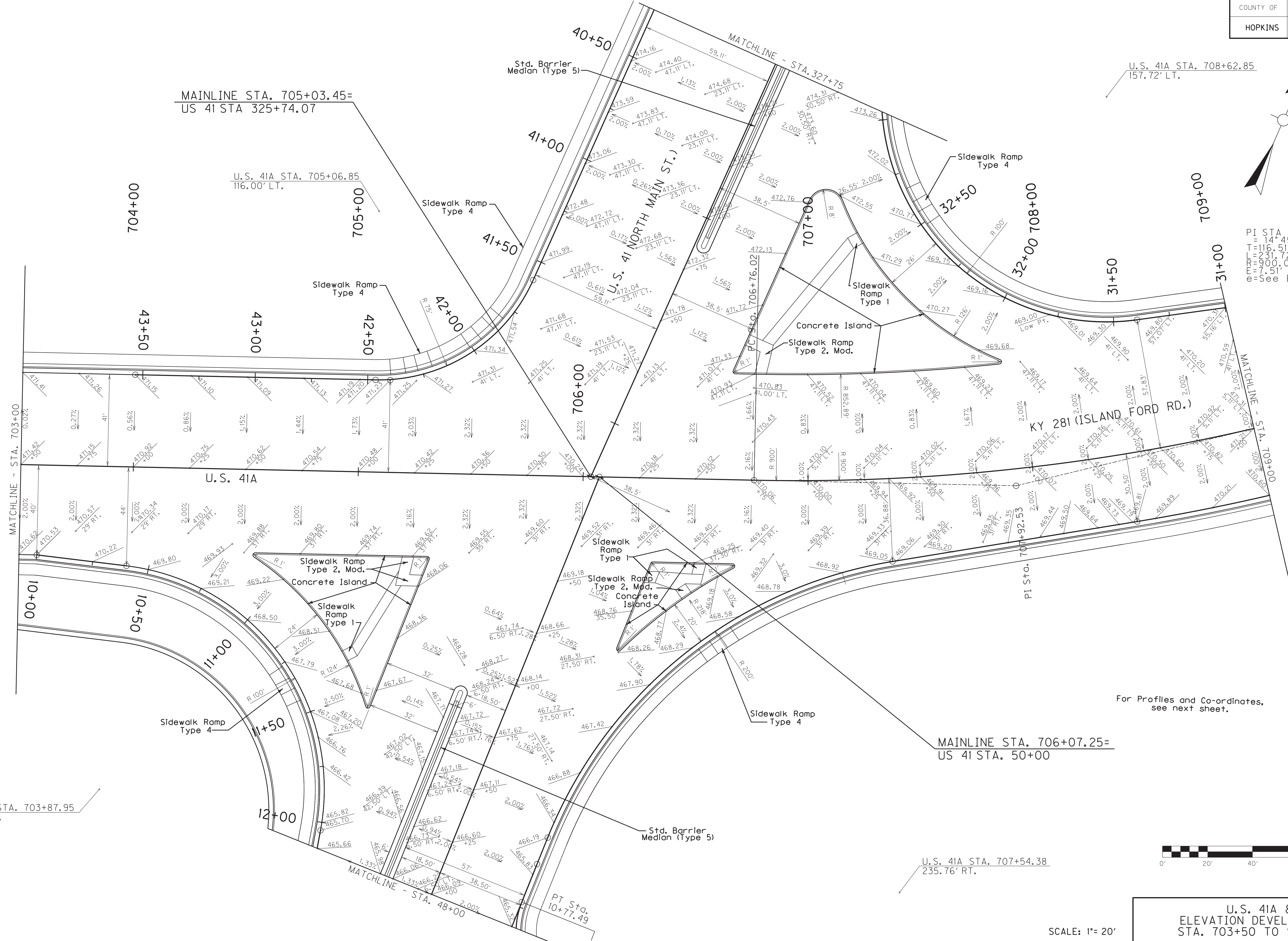
USER: Robinson
 DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0630005

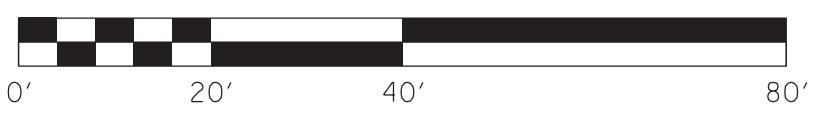
MicroStation v8.11.7.443



PI STA. 707+92.53
 = 14°45'07", LT
 T = 116.51'
 L = 231.72'
 E = 900.00'
 e = 7.51'
 e = See Elev. Dev. Sheet



For Profiles and Co-ordinates,
 see next sheet.



U.S. 41A & U.S. 41
 ELEVATION DEVELOPMENT SHEET 1/2
 STA. 703+50 TO STA. 708+25

SCALE: 1" = 20'

FILE NAME: G:\PLOT\RO640005.DGN

USER: rrobinson
 DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO640005

MicroStation v8.11.7.443

U.S. 41A STA. 703+87.95
 143.50' RT.

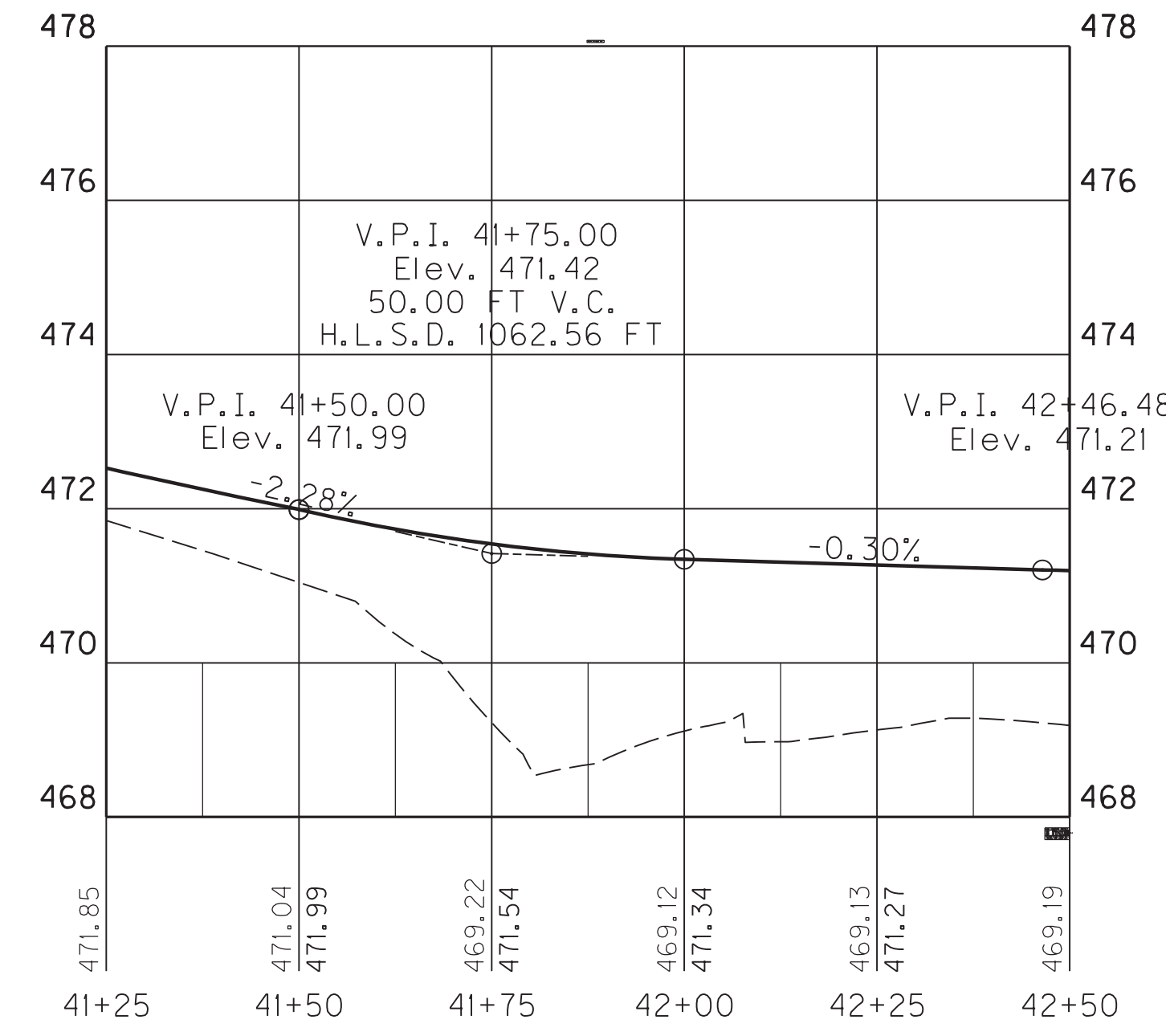
MAINLINE STA. 705+03.45=
 US 41 STA 325+74.07

U.S. 41A STA. 705+06.85
 116.00' LT.

U.S. 41A STA. 708+62.85
 157.72' LT.

MAINLINE STA. 706+07.25=
 US 41 STA. 50+00

U.S. 41A STA. 707+54.38
 235.76' RT.

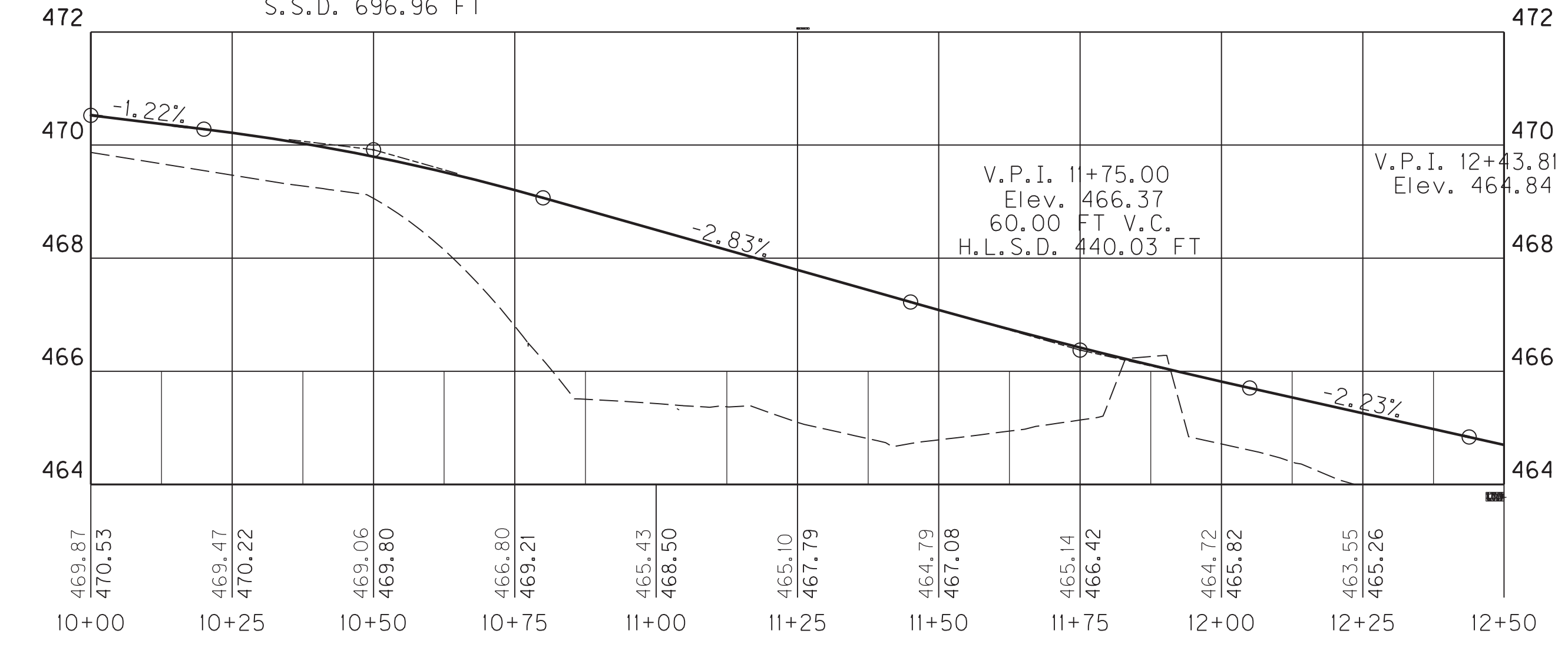


US. 41A & MAIN ST EP NW			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	40+00.00	4413020.19	3655500.31
P.C.	41+58.63	4413018.83	3655341.69
P.I.	42+08.63	4413018.41	3655291.94
C.C.		4412943.84	3655342.33
P.T.	42+46.48	4412972.41	3655272.98
P.O.E.	43+53.33	4412873.63	3655232.27

US. 41A & MAIN ST EP NE			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	30+00.00	4413386.50	3655512.34
P.I.	30+79.26	4413323.32	3655464.49
P.C.	31+39.55	4413271.86	3655433.06
P.I.	32+94.55	4413139.60	3655352.25
C.C.		4413219.72	3655518.39
P.T.	33+39.12	4413120.49	3655506.06
P.I.	33+99.42	4413113.05	3655565.90
P.O.E.	34+32.15	4413112.27	3655598.63

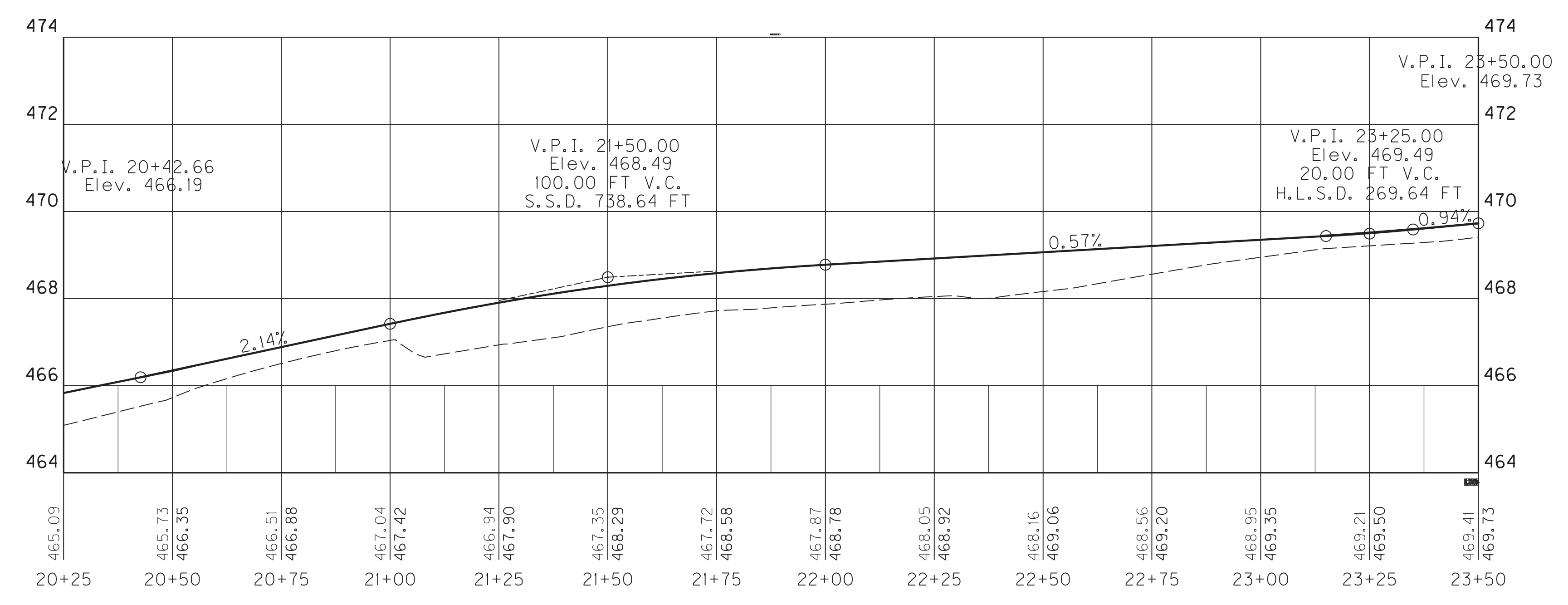
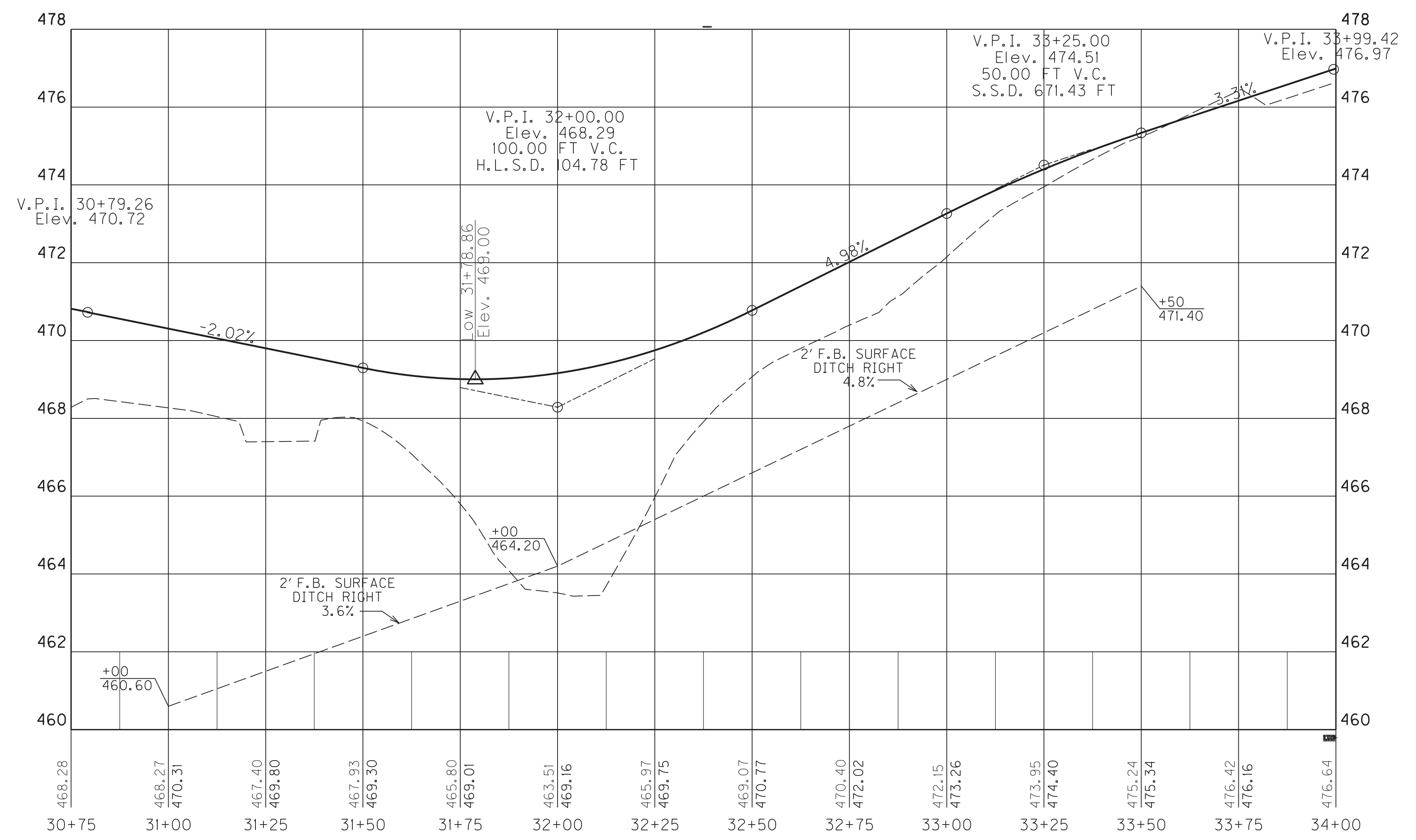
V.P.I. 10+00.00
Elev. 470.53
S.S.D. 696.96 FT

V.P.I. 10+50.00
Elev. 469.92
60.00 FT V.C.
S.S.D. 696.96 FT

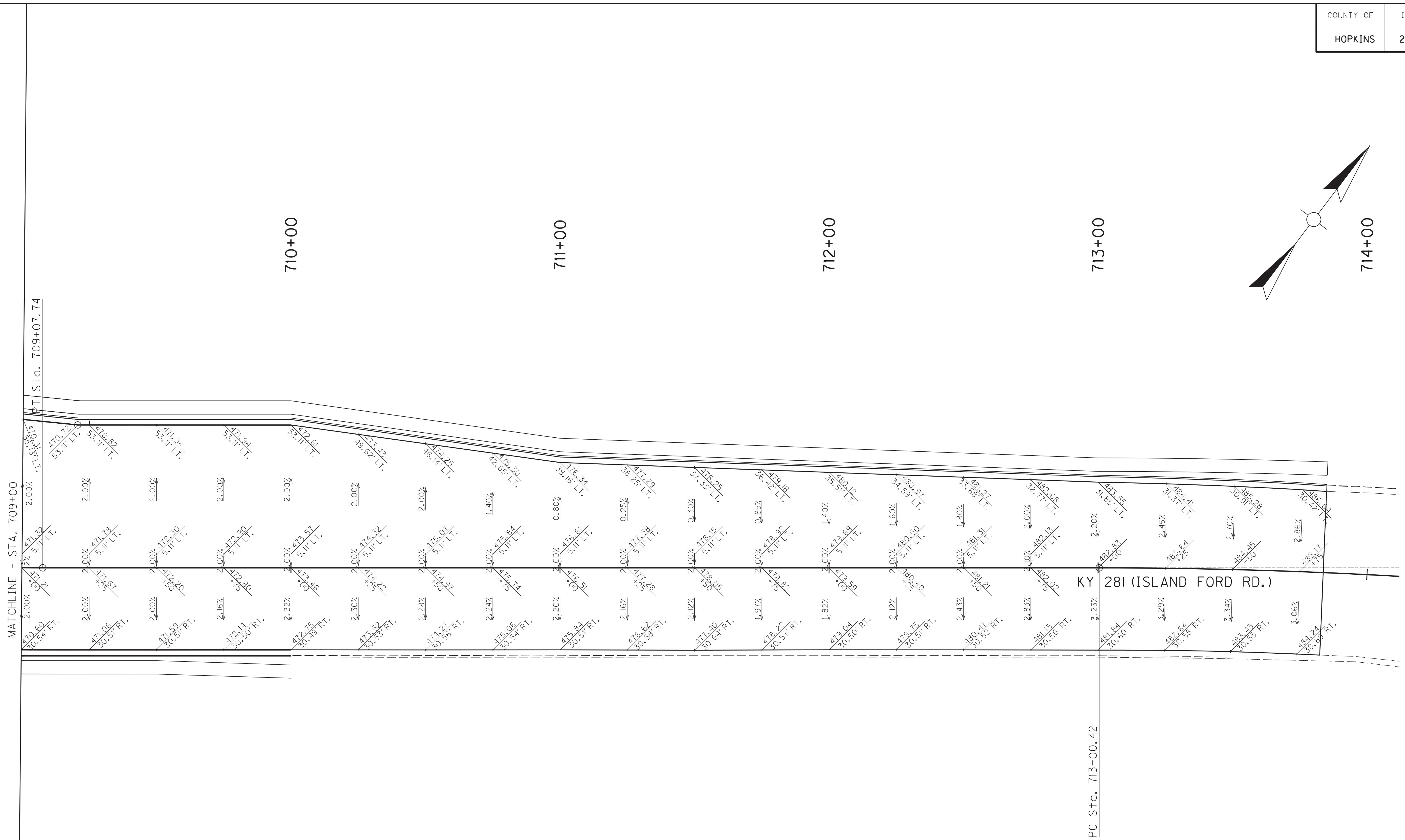
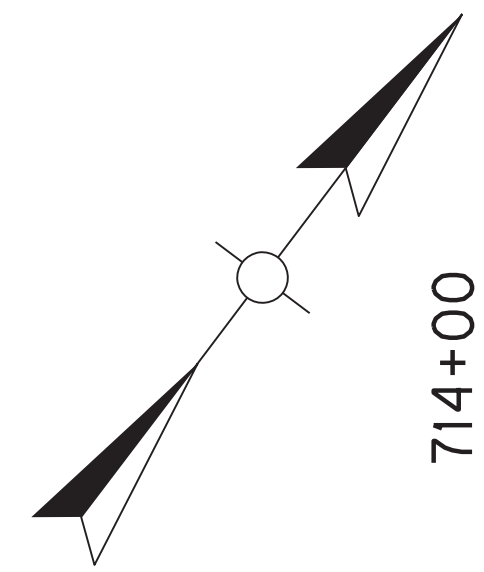


US. 41A & MAIN ST EP SW			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	10+00.00	4412865.56	3655141.34
P.C.	10+40.20	4412904.07	3655152.88
P.I.	11+46.74	4413006.12	3655183.48
C.C.		4412932.78	3655057.10
P.T.	12+03.61	4413030.20	3655079.69
P.O.E.	12+43.81	4413039.28	3655040.53

US. 41A & MAIN ST EP SE			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	20+00.00	4413125.30	3655074.57
P.C.	20+42.66	4413124.03	3655117.21
P.I.	21+55.38	4413120.67	3655229.88
C.C.		4413323.94	3655123.17
P.T.	22+47.96	4413215.32	3655291.10
P.C.	23+58.12	4413307.83	3655350.94
P.I.	23+91.57	4413335.91	3655369.10
C.C.		4412818.75	36556107.06
P.T.	24+24.98	4413362.56	3655389.30
P.O.E.	25+18.35	4413436.99	3655445.68



FILE NAME: G:\PLOT\RO650005.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO650005
 MicroStation v8.11.7.443

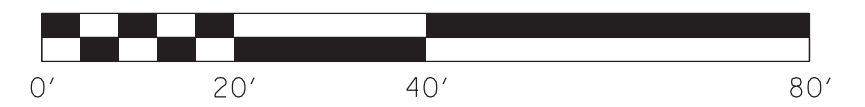


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USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0660005

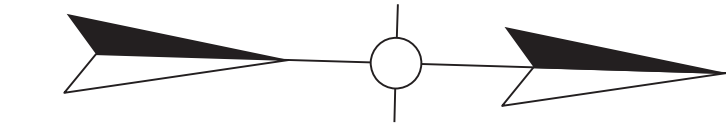
MicroStation v8.11.7.443



SCALE: 1"= 20'

KY 281 (ISLAND FORD RD.)
ELEVATION DEVELOPMENT SHEET
STA. 709+00 TO STA. 713+83.57

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R67

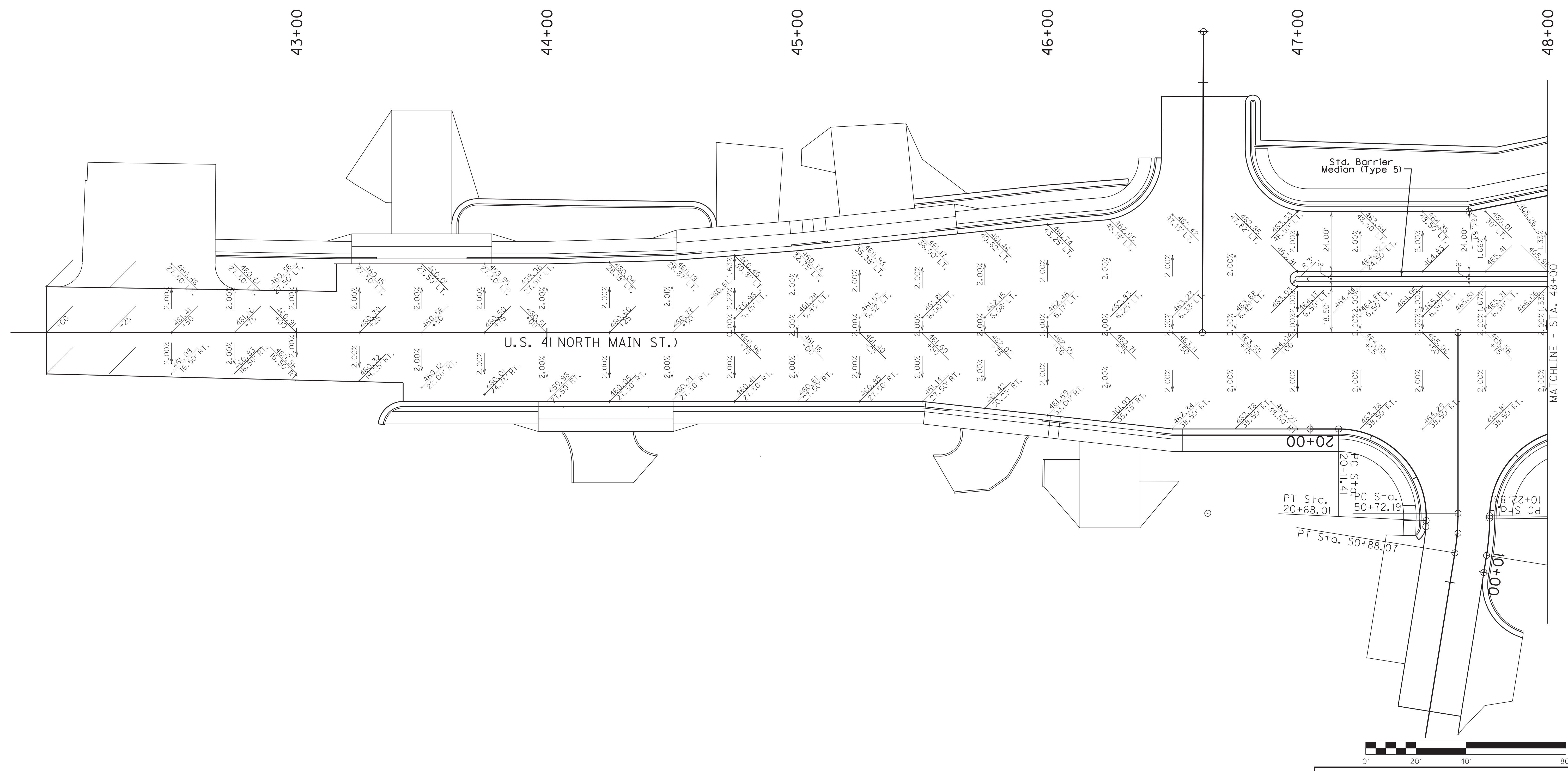


FILE NAME: G:\PLOT\RO6700DS.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO6700DS

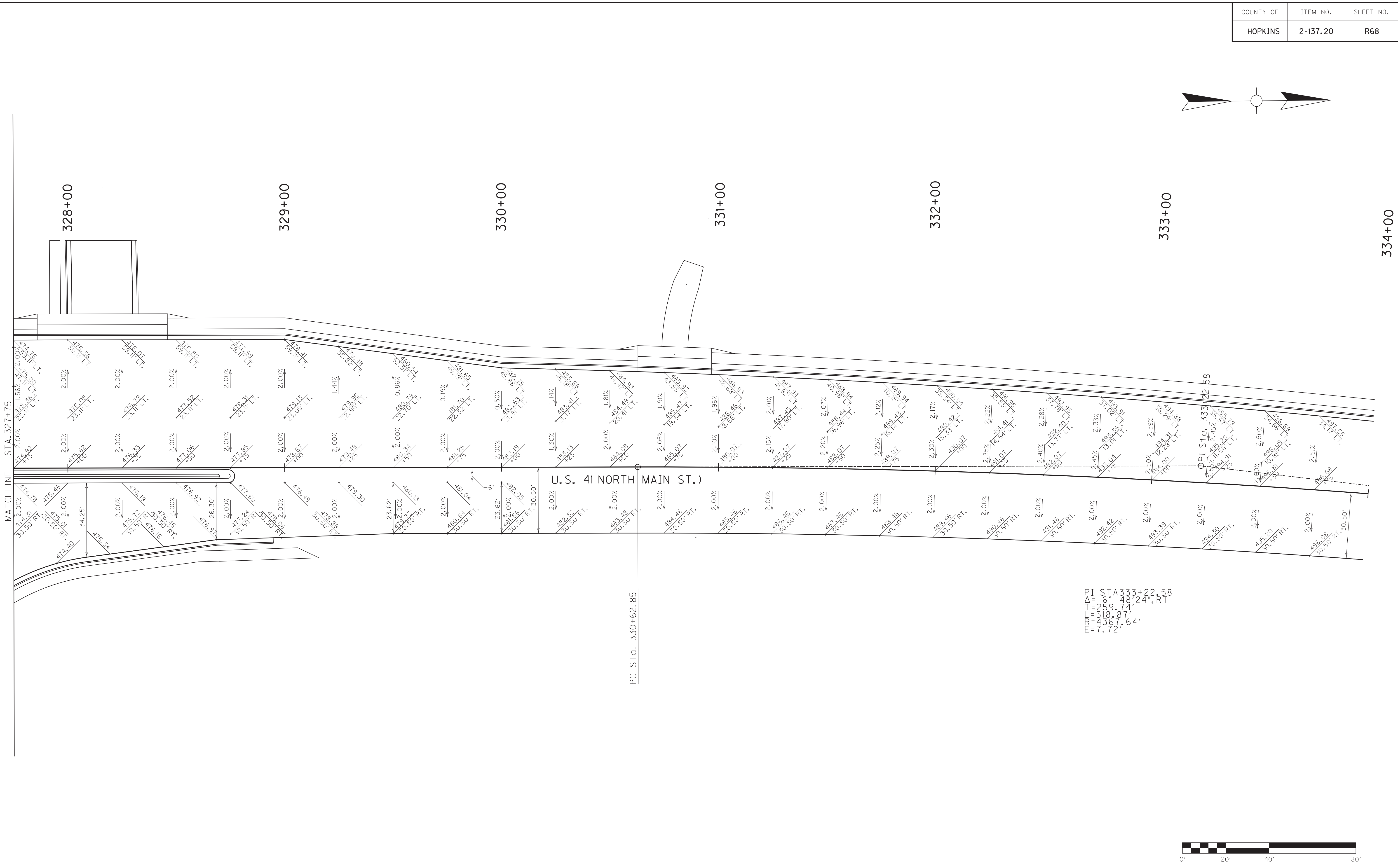
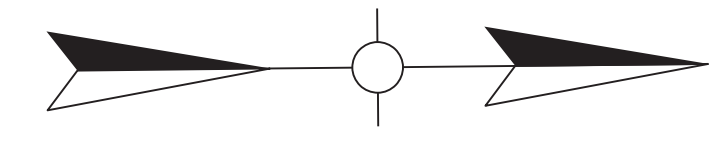
MicroStation v8.11.7.443



SCALE: 1"= 20'

U.S. 41 (SOUTH MAIN ST.)
ELEVATION DEVELOPMENT SHEET
STA. 42+50 TO STA. 48+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R68

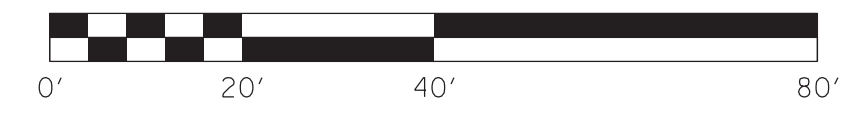


FILE NAME: G:\PLOT\RO680005.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO680005

MicroStation v8.11.7.443

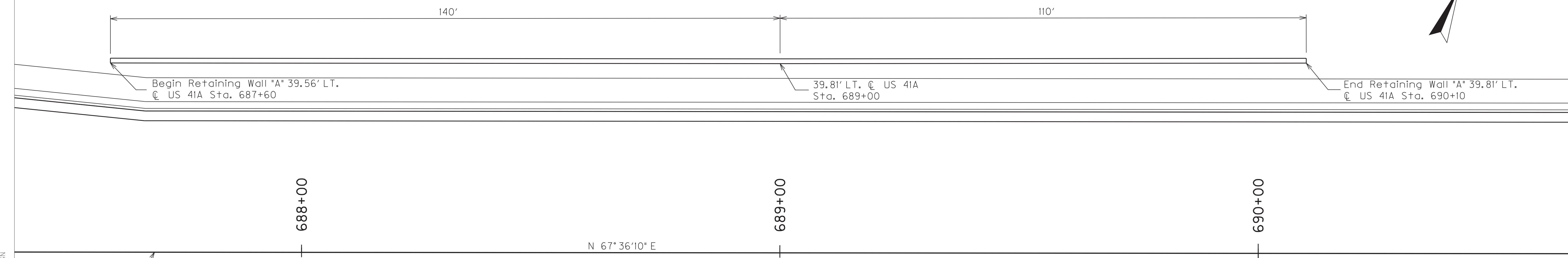
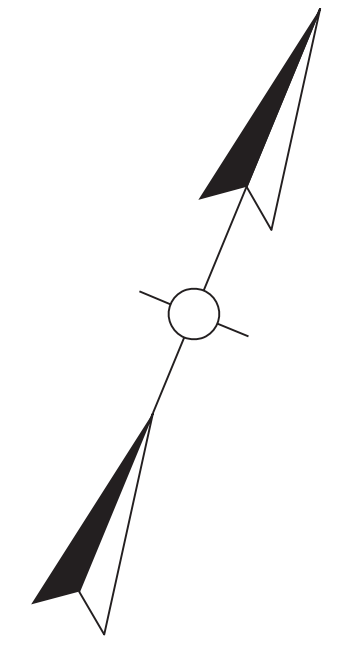


U.S. 41 (NORTH MAIN ST.)
ELEVATION DEVELOPMENT SHEET
STA. 328+00 TO STA. 334+00

SCALE: 1"= 20'

PLAN

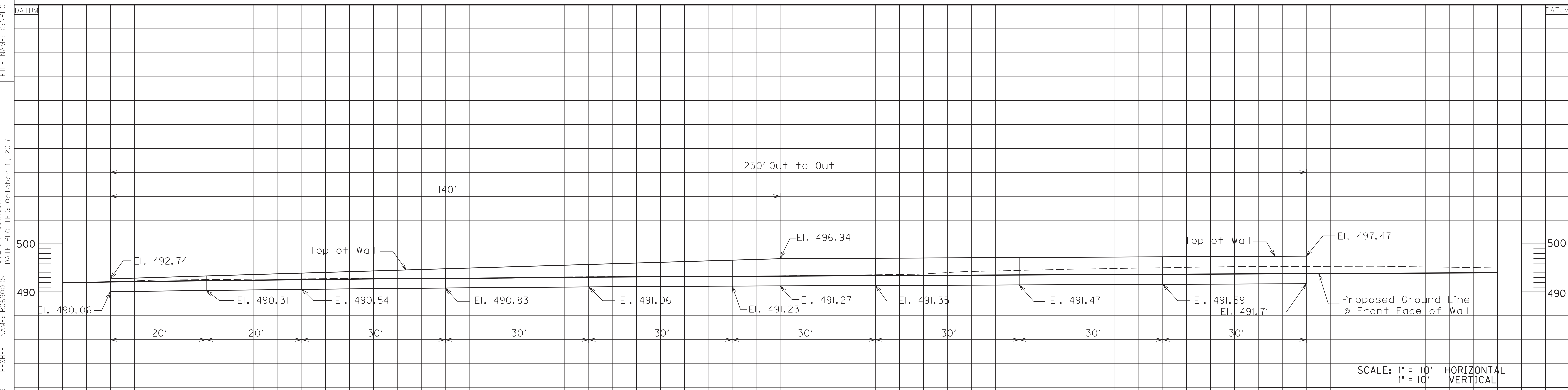
NOTE
 MASONRY COATING SHALL BE APPLIED TO ALL EXPOSED SURFACES OF THE RETAINING WALL EXTENDING TO LINES 6" BELOW PROPOSED FINISH GRADES.



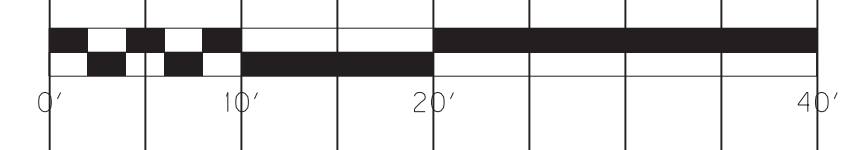
See Std. Dwg. RGX-002.

SCALE: 1" = 10'

FILE NAME: G:\PLOT\RO690005.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO690005
 MicroStation v8.11.7.443



SCALE: 1" = 10' HORIZONTAL
 1" = 10' VERTICAL



PAY ITEMS	
Concrete, Class B	78.05 C.Y.
Structure Excavation	115.19 C.Y.
Masonry Coating	133 S.Y.

ELEVATION RETAINING WALL "A"

RETAINING WALL "A"

N 67° 36' 10" E

696+00

☉ US 41A

697+00

698+00

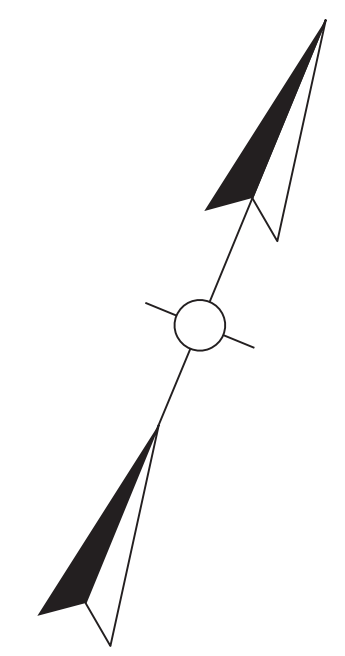
699+00

MAINLINE STA. 699+09=
 APPR. RD. STA. 50+00
 BRIARWOOD DR. STA. 50+00

End Retaining Wall "B" 50.50' RT.
 ☉ US 41A Sta. 698+65

Begin Retaining Wall "B" 50.50' RT.
 ☉ US 41A Sta. 697+05

160'



NOTE
 MASONRY COATING SHALL BE APPLIED TO ALL EXPOSED SURFACES OF THE RETAINING WALL EXTENDING TO LINES 6" BELOW PROPOSED FINISH GRADES.

PLAN

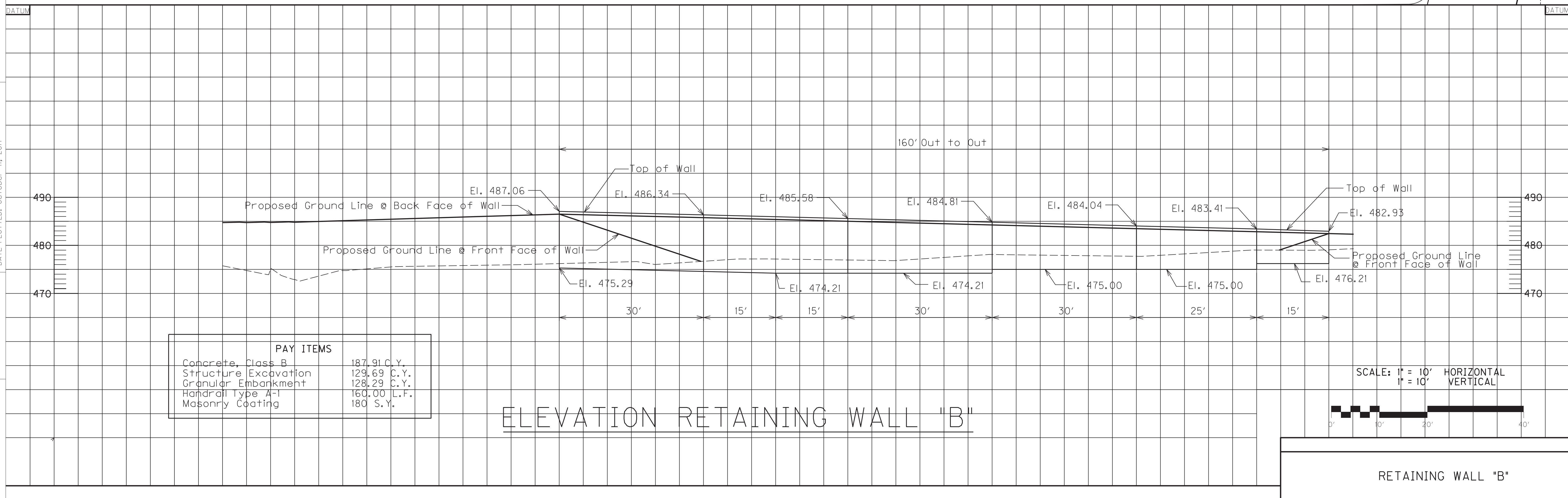
SCALE: 1" = 10'

FILE NAME: G:\PLOT\ROT00005.DGN

USER: FRobinson
 DATE PLOTTED: October 11, 2017

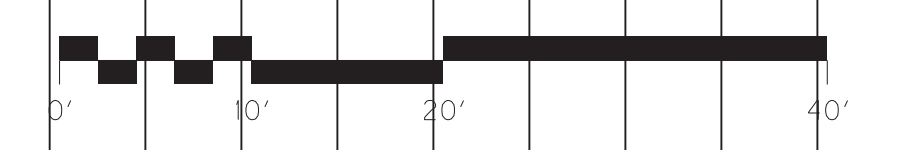
E-SHEET NAME: ROT00005

MicroStation v8.11.7.443

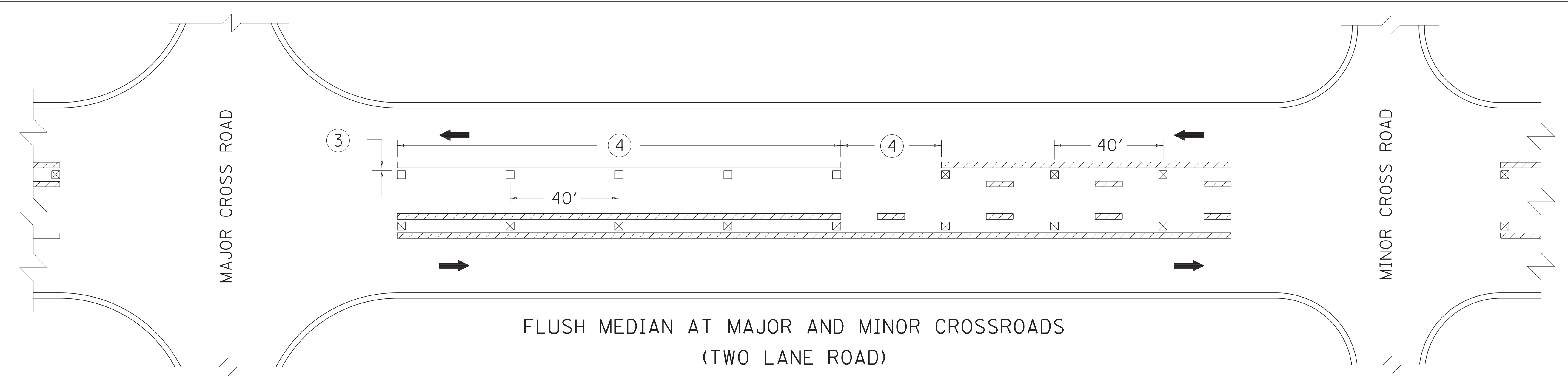
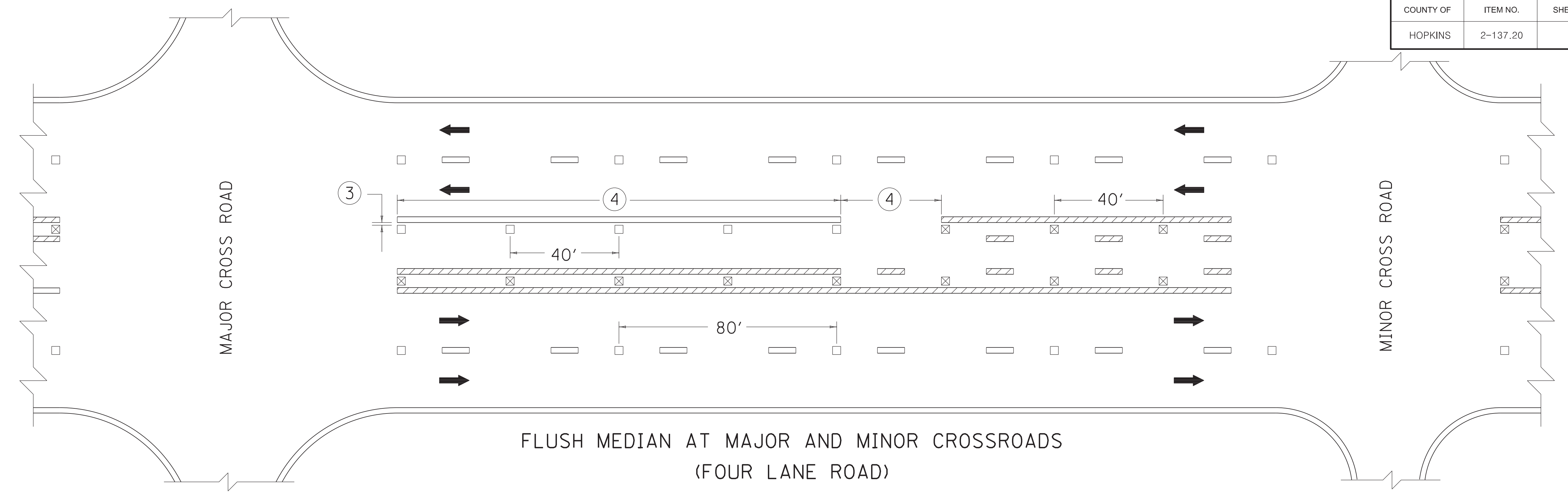


PAY ITEMS	
Concrete, Class B	187.91 C.Y.
Structure Excavation	129.69 C.Y.
Granular Embankment	128.29 C.Y.
Handrail Type A-1	160.00 L.F.
Masonry Coating	180 S.Y.

SCALE: 1" = 10' HORIZONTAL
 1" = 10' VERTICAL



RETAINING WALL "B"



~ NOTES ~

1. MARKERS INSTALLED AT DOUBLE YELLOW CENTERLINES SHALL BE PLACED BETWEEN THE TWO LINES.
2. MARKERS INSTALLED ALONG LANE LINES OR DASHED YELLOW CENTERLINES SHALL BE PLACED BETWEEN AND IN LINE WITH THE SKIPS.
3. MARKERS INSTALLED ALONG EDGE LINES SHALL BE PLACED SO THAT THE NEAR EDGE OF THE CASTING/GROOVE IS NO MORE THAN 1" FROM THE NEAR EDGE OF THE LINE.
4. LENGTH TO BE DETERMINED ON A PROJECT BY PROJECT BASIS.
5. MARKERS SHALL NOT BE INSTALLED ON TOP OF THE PAVEMENT JOINT. OFFSET MARKERS A MINIMUM OF 2" FROM THE PAVEMENT JOINT. ENSURE THAT THE FINISHED LINE OF MARKERS IS STRAIGHT WITH MINIMAL LATERAL DEVIATION. MARKERS MAY BE ELIMINATED OR PLACEMENT ADJUSTED AT THE DISCRETION OF THE ENGINEER.

BID ITEMS AND UNIT TO BID
 PAVEMENT MARKER TYPE V (B-W/R, B-Y/R, BY, MW, MY)
 INLAID PAVEMENT MARKER

EACH
 EACH

LEGEND	
⊗	BI-DIRECTIONAL (YELLOW)
□	MONO-DIRECTIONAL (WHITE)
▨	MARKINGS (YELLOW)
▭	MARKINGS (WHITE)

DRAWING NOT TO SCALE

KENTUCKY
 DEPARTMENT OF HIGHWAYS

PAVEMENT MARKER
 ARRANGEMENTS
 TWO-WAY, LEFT TURN LANE

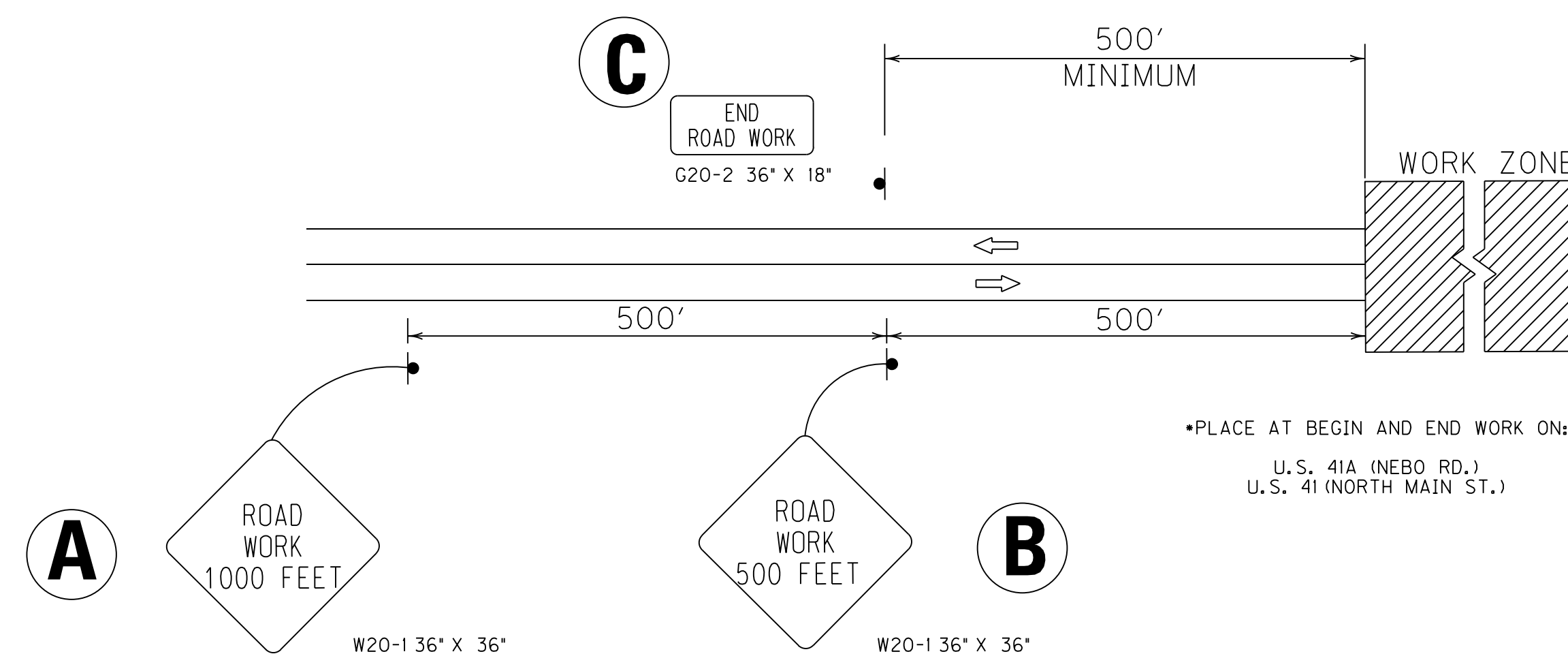
SUBMITTED: *B. Jeffrey Wolfe* 1-30-17
 DATE

USER: robbinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\07100DS.DGN
 E-SHEET NAME: R07100DS
 MicroStation v8.11.7.443

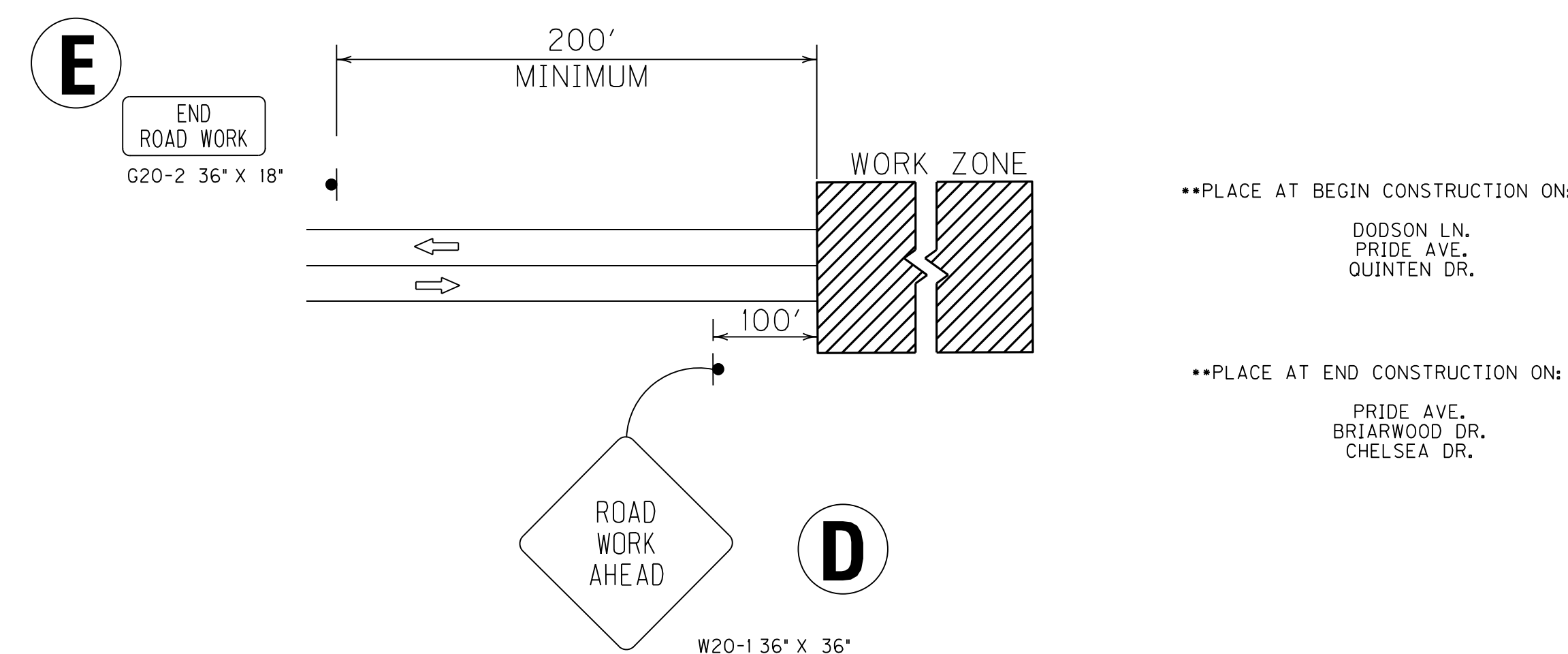
QUANTITIES BELOW HAVE BEEN CARRIED TO GENERAL SUMMARY.

MAINTENANCE OF TRAFFIC - CONSTRUCTION SIGNING SUMMARY

TYPE	DIMENSIONS	AREA	CONSTRUCTION SEQUENCE					MAX # REQ'D	TOTAL AREA
			PHASE IA	PHASE IB	PHASE II	PHASE III	PHASE IV		
W20-1	36" X 36"	9.00	7	11	5	1	0	24	216
G20-2	36" X 18"	4.50	4	8	5	1	0	18	81
R11-3a	60" X 30"	12.50	0	0	1	0	0	1	12.50
R11-2	48" X 30"	10.00	0	0	1	0	0	1	10
TOTAL PROJECT - ITEM 02562			11	19	12	2	0	44	319.50



ADVANCE WARNING SIGN SETUP NO. 1*



ADVANCE WARNING SIGN SETUP NO. 2**

MAINTENANCE OF TRAFFIC - BID ITEMS

ITEM NO.	DESCRIPTION	UNIT	CONSTRUCTION SEQUENCE					TOTAL PROJECT
			PHASE I A	PHASE IB	PHASE II	PHASE III	PHASE IV	
06510	PAVE STRIPING-TEMP PAINT-4 IN	LF	0	24,387	34,435	14,915	3,150	76,887
02650	MAINTAIN AND CONTROL TRAFFIC	LS***						1

*** Lump Sum bid for Maintain and Control Traffic will include shifting signal heads and installation of temporary cameras used during construction phasing.

MAINTENANCE OF TRAFFIC

GENERAL NOTES

The Contractor shall maintain a two-lane traveled way with a minimum lane width of 10 feet. However, during working hours, one-way traffic may be allowed during non-peak hours with prior approval of the Engineer, provided adequate signing and flaggers are at the location. For this project, peak hours are defined as 6:00 - 9:00 a.m. and 3:30 - 6:30 p.m. each weekday.

Existing and proposed traffic signals shall be relocated to align with the traffic lanes for each phase. Existing signs shall be covered or relocated, as directed by the Engineer, when traffic is shifted to a detour or onto the completed pavement.

PAVEMENT EDGE DROP-OFFS

Difference in Elevation for Travel Lanes

A pavement edge that traffic is expected to cross in a lane change situation should not have an elevation difference greater than two inches. Warning signs should be placed in advance and throughout the drop-off area.

Pavement Drop-Off

Pavement edges that traffic is not expected to cross, except accidentally, should be treated as follows:

Less Than One and One Half Inches - No protection required. Warning signs should be placed in advance and throughout the drop-off area.

Two to Four Inches - Place plastic drums, vertical panels or barricades every 80 feet on tangent sections for speeds of 50 miles per hour or greater. Cones may be used in place of plastic drums, panels and barricades during day light hours. For tangent sections with speeds less than 50 miles per hour and for curves, devices should be placed every 50 feet. Spacing for tapers should be in accordance with the 'Manual on Uniform Traffic Control Devices'.

Greater Than Four Inches - Positive separation or wedge with 3:1 or flatter slope needed. If there is eight feet or more distance between the edge of pavement and drop-off, drums, panels or barricades may be used. If concrete barriers are used, special reflective devices or steady burn lights should be used for overnight installations.

For temporary conditions, drop-offs greater than four inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area.

PAVEMENT RESTORATION

For the duration of the project, all trenching and excavation for any pipe installation (utility, storm, culvert) that requires temporary and/or permanent disturbance of paved material, being entrances, mainline and approach roadways, parking lots, etc., shall be paved with asphaltic or concrete material, within 30 days of the pipe installation, with Liquidated Damages to be assessed at \$500/day for each day past the 30 day limit. Maintenance of applied material shall also be required for the duration of the project.

SEQUENCE OF CONSTRUCTION

Phase IA

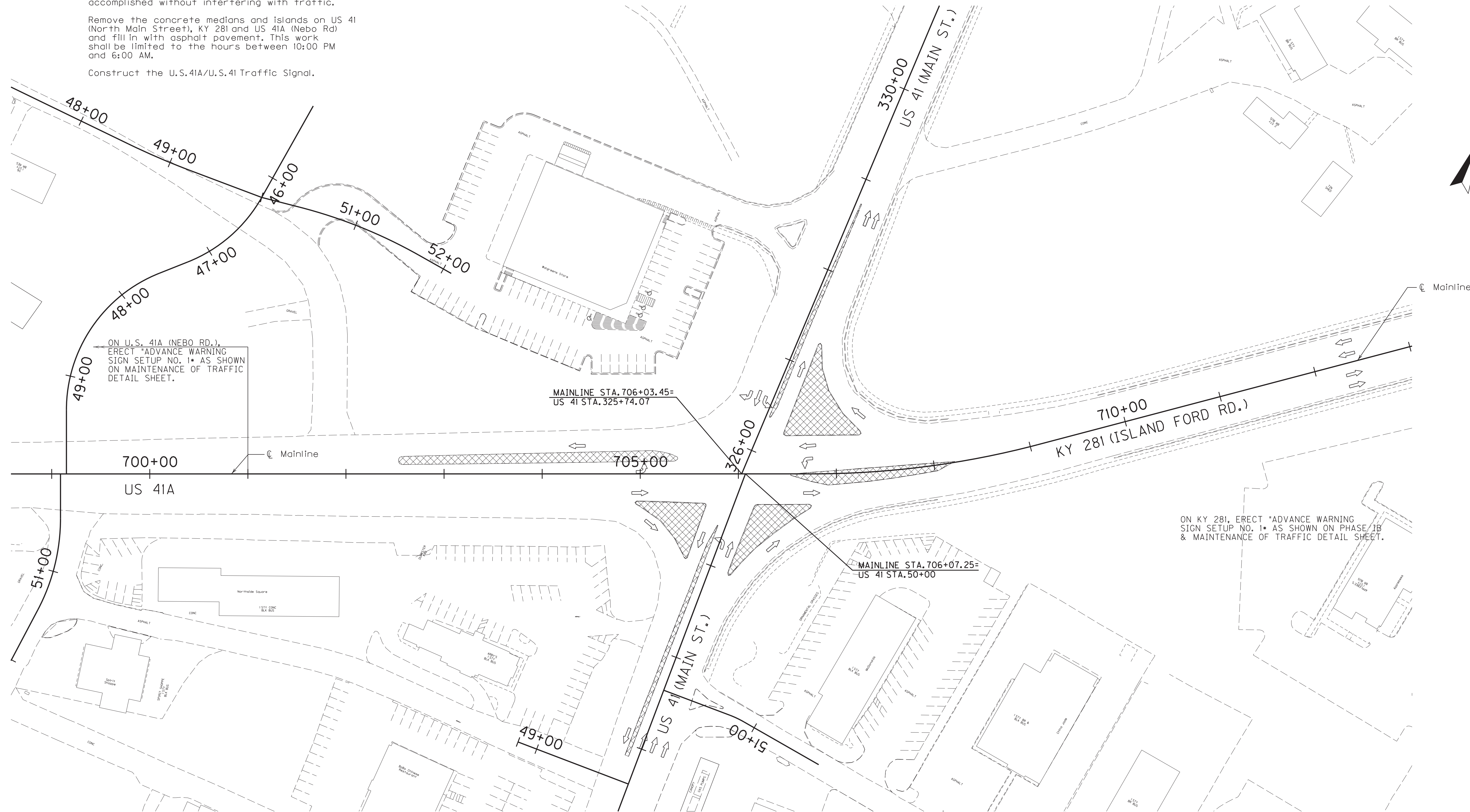
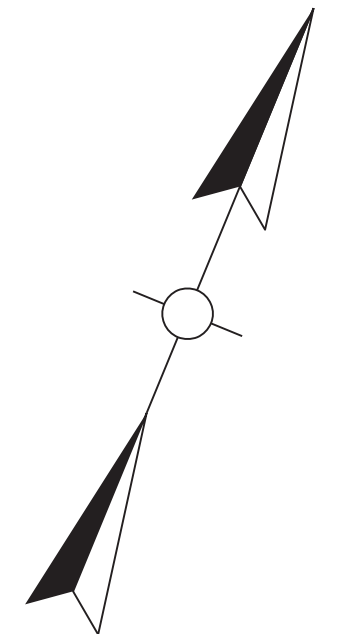
Construct any grading and drainage that can be accomplished without interfering with traffic.

Remove the concrete medians and islands on US 41 (North Main Street), KY 281 and US 41A (Nebo Rd) and fill in with asphalt pavement. This work shall be limited to the hours between 10:00 PM and 6:00 AM.

Construct the U.S. 41A/U.S. 41 Traffic Signal.

ON NORTH MAIN ST., ERECT *ADVANCE WARNING SIGN SETUP NO. 1* AS SHOWN ON PHASE II & MAINTENANCE OF TRAFFIC DETAIL SHEET.

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R73



ON U.S. 41A (NEBO RD.), ERECT *ADVANCE WARNING SIGN SETUP NO. 1* AS SHOWN ON MAINTENANCE OF TRAFFIC DETAIL SHEET.

MAINLINE STA. 706+03.45 = US 41 STA. 325+74.07

MAINLINE STA. 706+07.25 = US 41 STA. 50+00

ON KY 281, ERECT *ADVANCE WARNING SIGN SETUP NO. 1* AS SHOWN ON PHASE II & MAINTENANCE OF TRAFFIC DETAIL SHEET.

LEGEND

CONSTRUCT THIS PHASE

DIRECTION OF TRAFFIC



SCALE: 1" = 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE IA

ON NORTH MAIN ST., ERECT *ADVANCE WARNING SIGN SETUP NO. 1* AS SHOWN ON PHASE II & MAINTENANCE OF TRAFFIC DETAIL SHEET.

FILE NAME: C:\PLOT\07300MT.DGN

USER: rrobinson
DATE PLOTTED: October 17, 2017

E-SHEET NAME: 07300MT

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R74

Phase IB

Shift mainline traffic to the left in two 10' lanes from Sta. 637+00 to Sta. 682+00 where they transition to 11' lanes.

The existing turning lanes at US 41 shall be maintained during this phase, however their width shall be reduced to 11' with a shift to the left.

Construct the pipe crossing at Sta. 666+00 and its outlet channel during non-peak hours by part-width construction. Shift the flow to this pipe and safeload the existing pipe. Construct the pipe crossing at Sta. 687+30 during non-peak hours by part width construction.

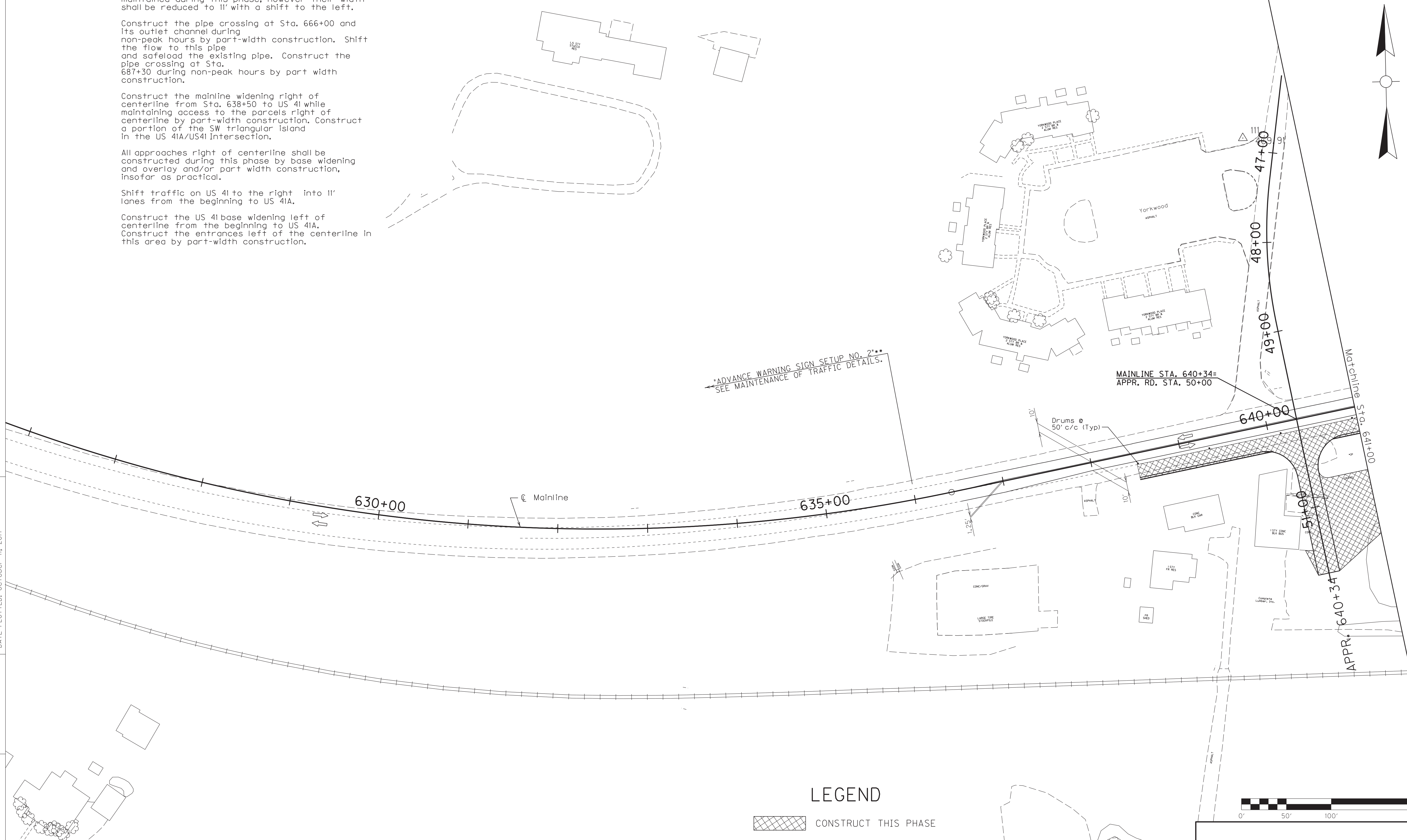
Construct the mainline widening right of centerline from Sta. 638+50 to US 41 while maintaining access to the parcels right of centerline by part-width construction. Construct a portion of the SW triangular island in the US 41A/US41 intersection.

All approaches right of centerline shall be constructed during this phase by base widening and overlay and/or part width construction, insofar as practical.

Shift traffic on US 41 to the right into 11' lanes from the beginning to US 41A.



Construct the US 41 base widening left of centerline from the beginning to US 41A. Construct the entrances left of the centerline in this area by part-width construction.

FILE NAME: C:\PLOT\R07400MT.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: R07400MT
 MicroStation v8.11.7.443

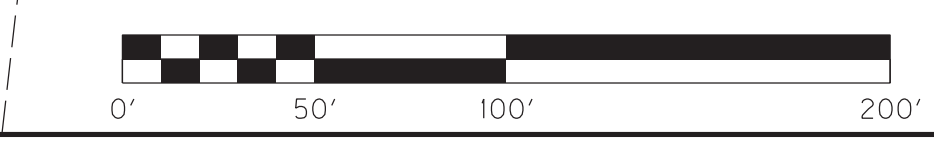


*ADVANCE WARNING SIGN SETUP NO. 2**
 SEE MAINTENANCE OF TRAFFIC DETAILS.

LEGEND

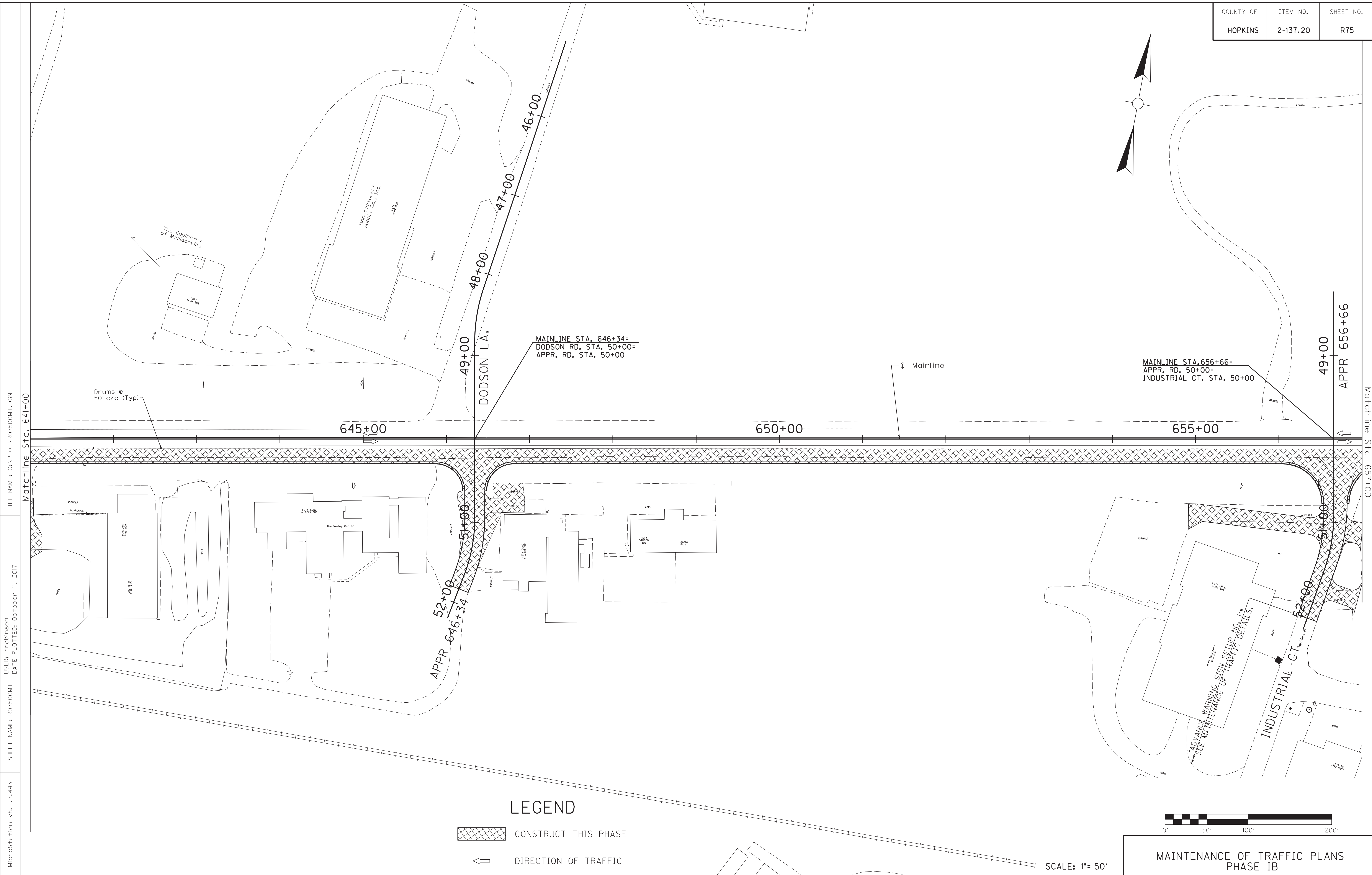
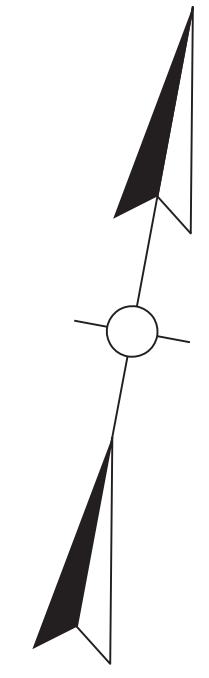
-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC

SCALE: 1" = 50'



MAINTENANCE OF TRAFFIC PLANS
 PHASE IB

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R75





FILE NAME: C:\PLOT\ROT500MT.DGN

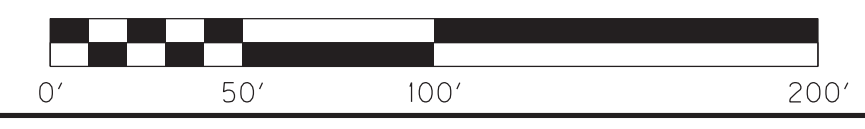
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROT500MT

MicroStation v8.11.7.443

LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC



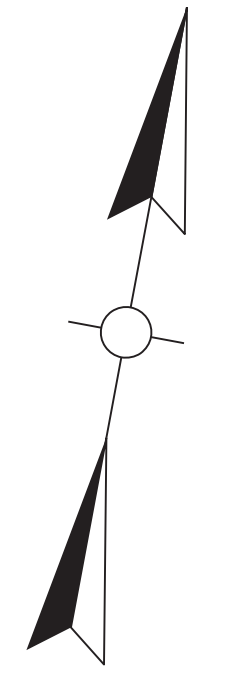
SCALE: 1" = 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE IB

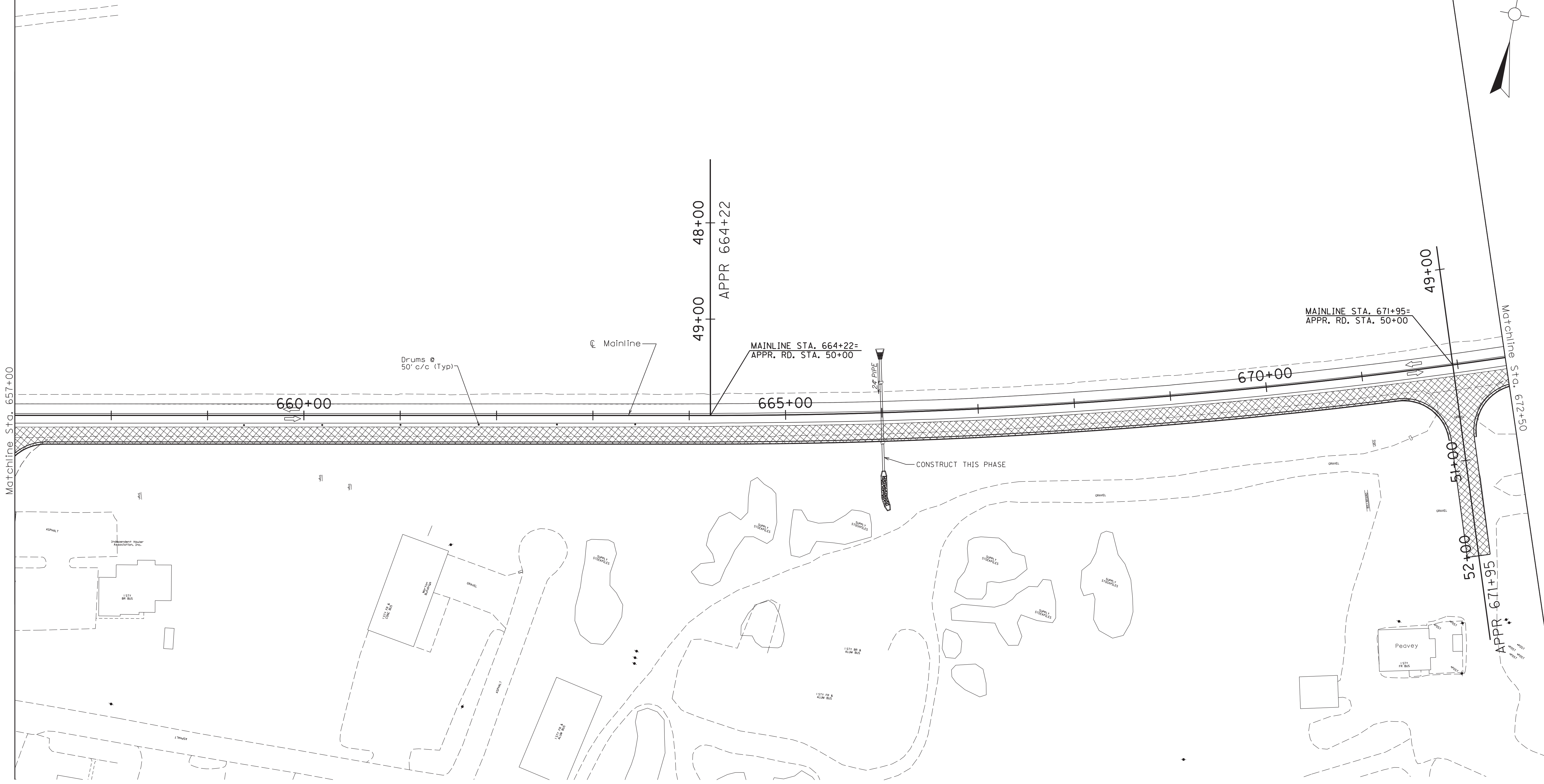
Matchline Sta. 641+00

Matchline Sta. 657+00



COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R76

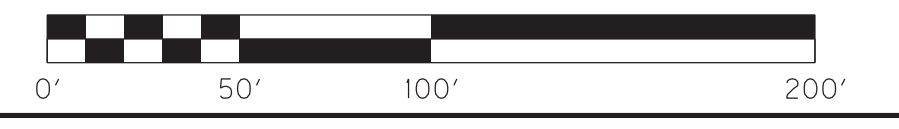


MicroStation v8.11.7.443 E-SHEET NAME: R07600MT USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: C:\PLOT\R07600MT.DGN



LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC

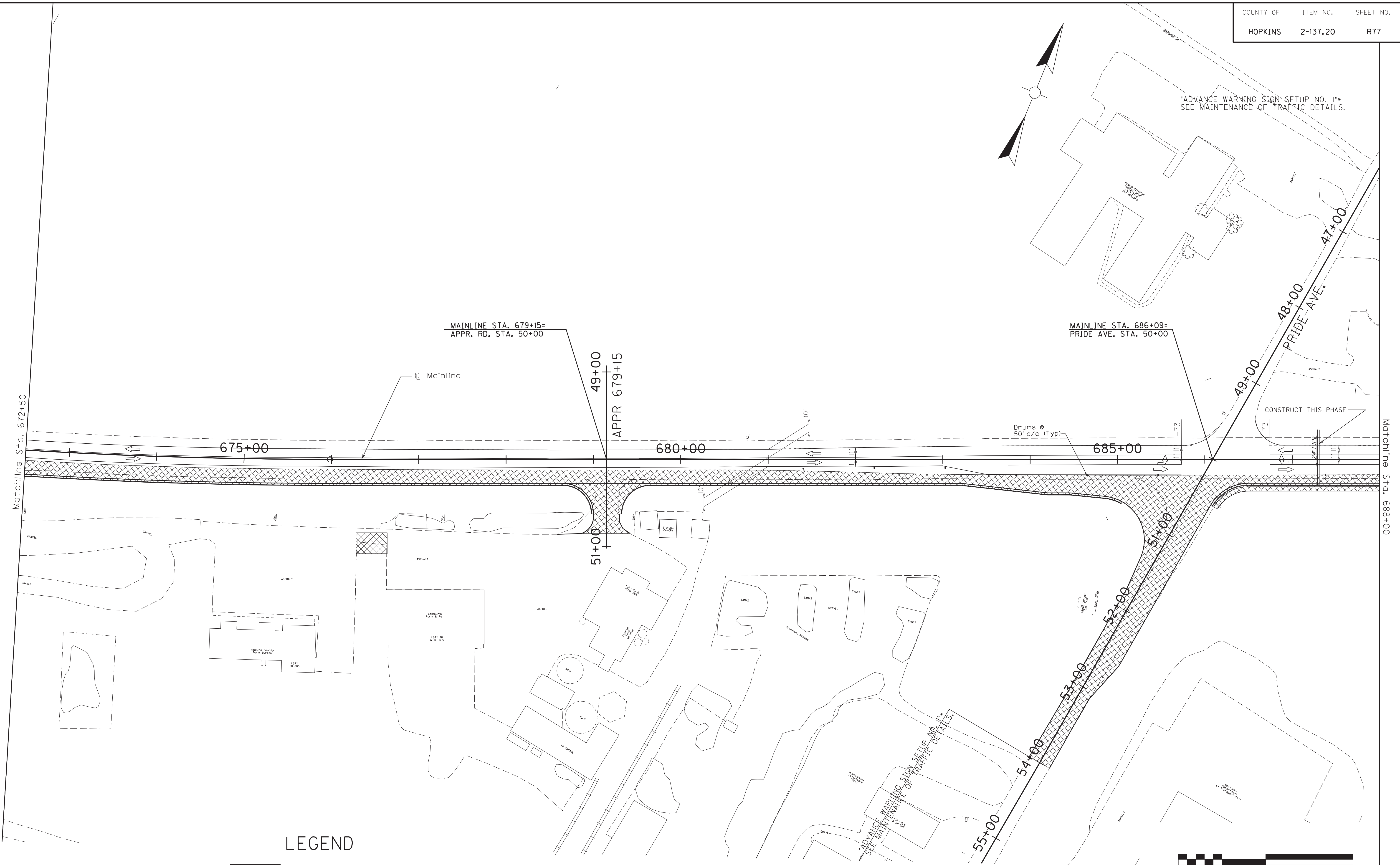


SCALE: 1"= 50'

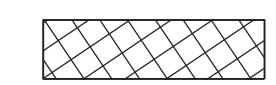
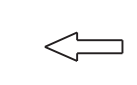
MAINTENANCE OF TRAFFIC PLANS
PHASE IB

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R77

MicroStation v8.11.7.443 E-SHEET NAME: R07700MT USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: C:\PLOT\R07700MT.DGN

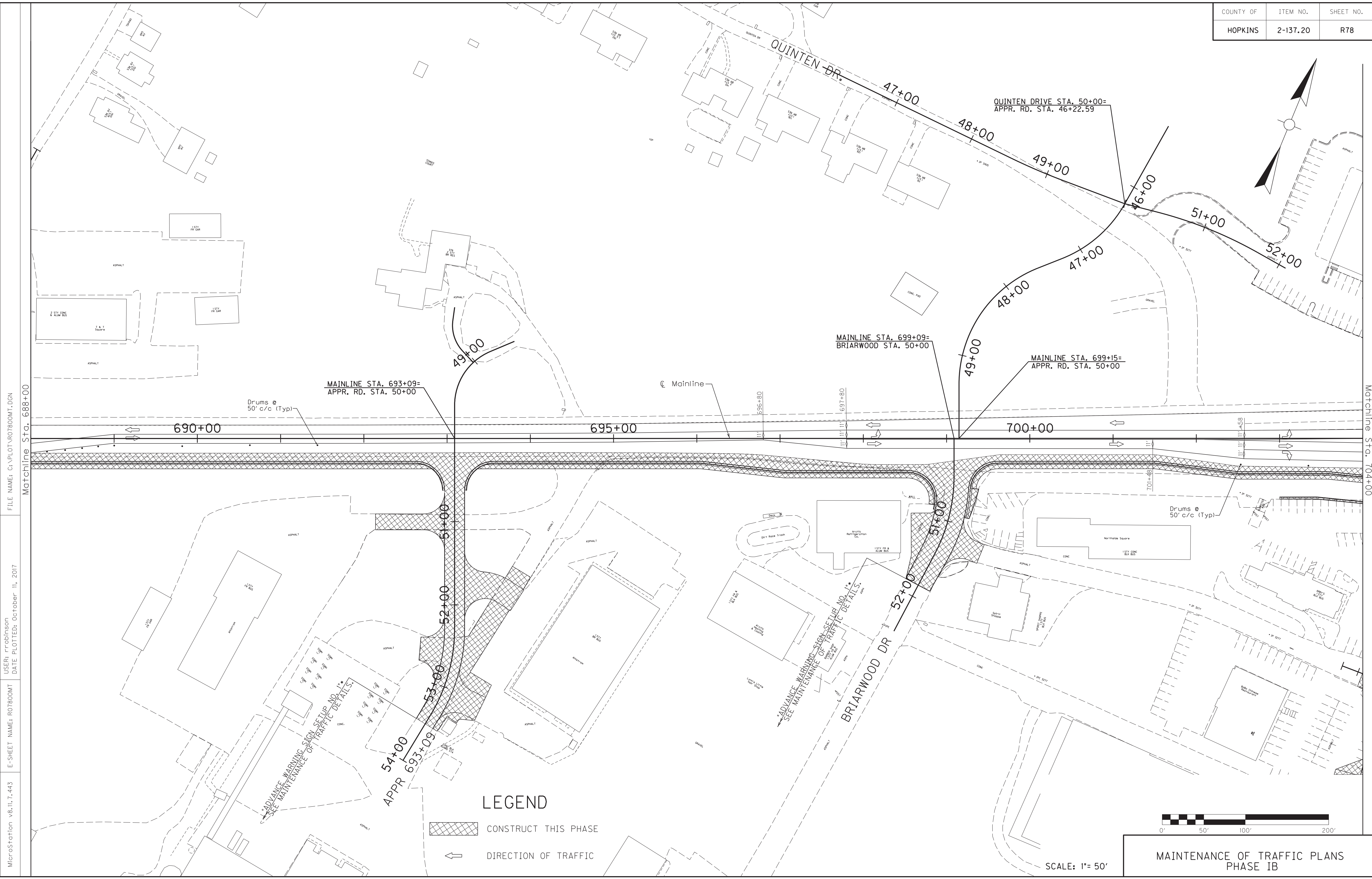


LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC

SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE IB



FILE NAME: C:\PLOT\ROT800MT.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROT800MT

MicroStation v8.11.7.443

Matchline Sta. 688+00

Matchline Sta. 704+00

MAINLINE STA. 693+09=
APPR. RD. STA. 50+00

MAINLINE STA. 699+09=
BRIARWOOD STA. 50+00

MAINLINE STA. 699+15=
APPR. RD. STA. 50+00

QUINTEN DRIVE STA. 50+00=
APPR. RD. STA. 46+22.59

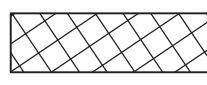
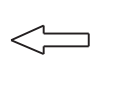
Drums @
50' c/c (Typ)

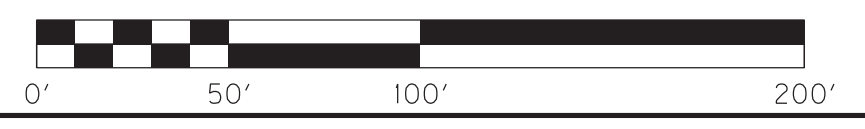
Drums @
50' c/c (Typ)

ADVANCE WARNING SIGN SETUP NO. 1*
SEE MAINTENANCE OF TRAFFIC DETAILS.

ADVANCE WARNING SIGN SETUP NO. 1*
SEE MAINTENANCE OF TRAFFIC DETAILS.

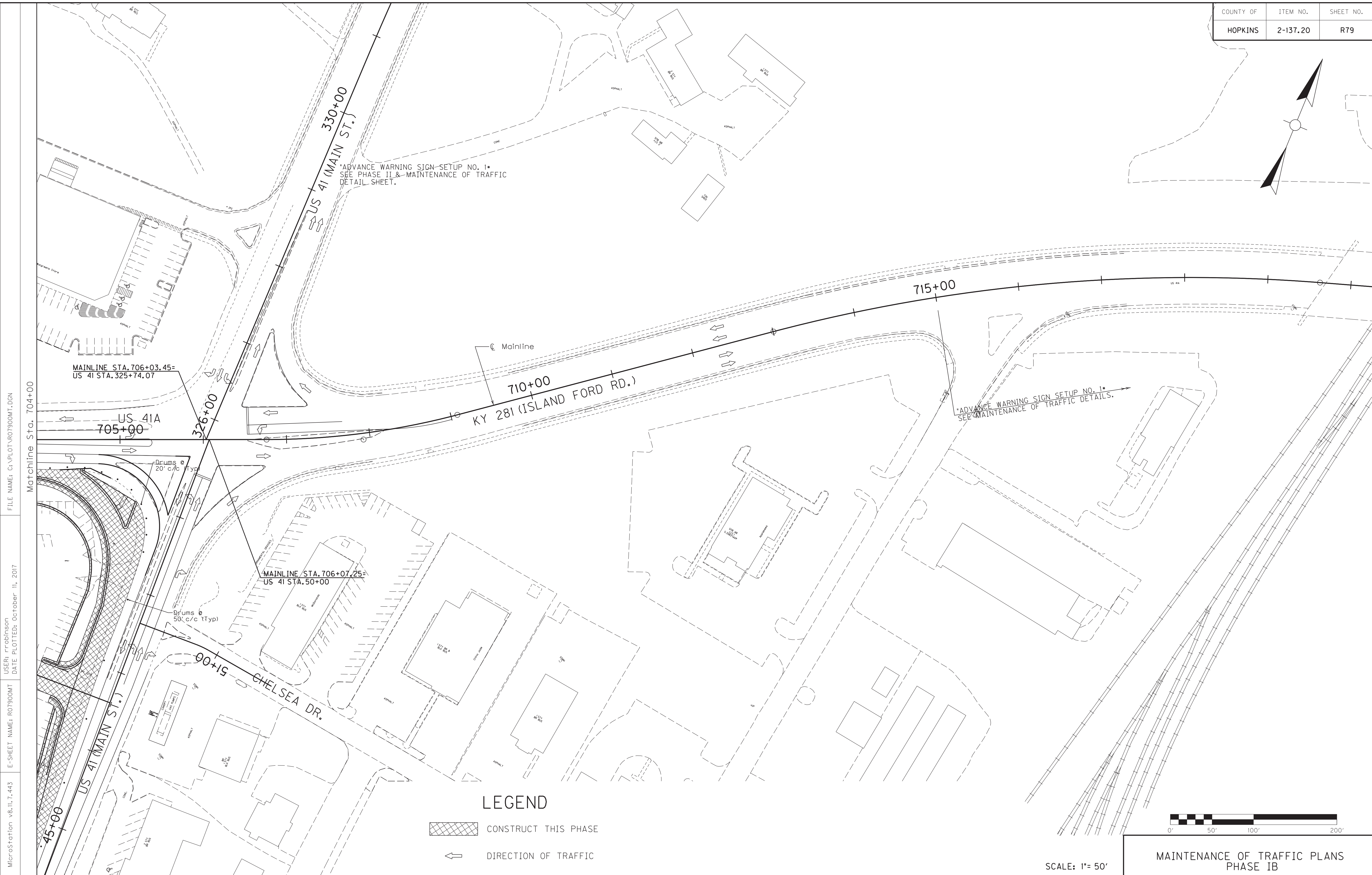
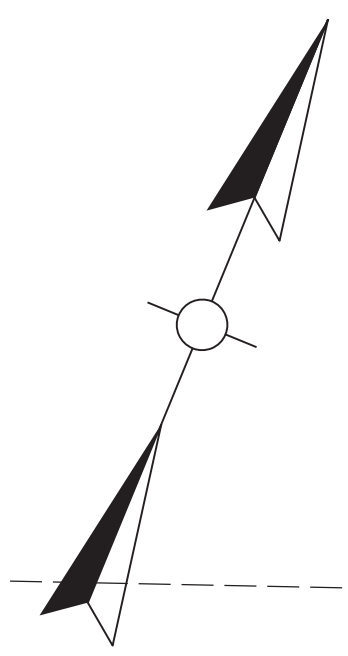
LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC



SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE IB



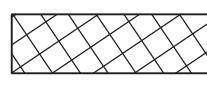
ADVANCE WARNING SIGN-SETUP NO. 1
SEE PHASE II & MAINTENANCE OF TRAFFIC
DETAIL SHEET.

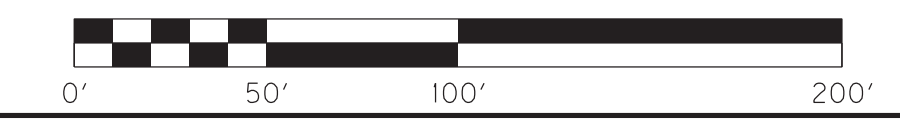
ADVANCE WARNING SIGN SETUP NO. 1
SEE MAINTENANCE OF TRAFFIC DETAILS.

MAINLINE STA. 706+03.45=
US 41 STA. 325+74.07

MAINLINE STA. 706+07.25=
US 41 STA. 50+00

LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC



SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS PHASE IB

FILE NAME: C:\PLOT\RO7900MT.DGN

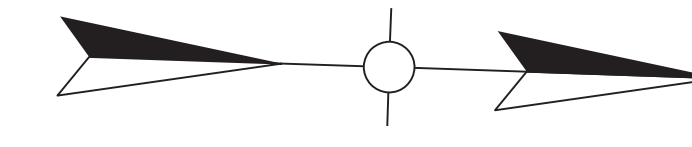
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO7900MT

MicroStation v8.11.7.443

Matchline Sta. 704+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R80



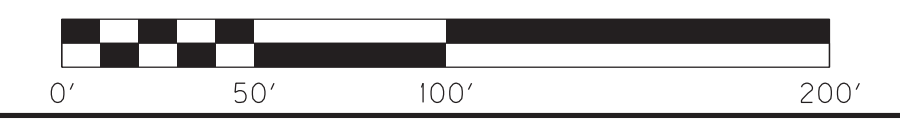
ADVANCE WARNING SIGN SETUP NO. 1
SEE MAINTENANCE OF TRAFFIC DETAILS.

ADVANCE WARNING SIGN SETUP NO. 1
SEE PHASE 1A & MAINTENANCE OF TRAFFIC
DETAIL SHEET.

LEGEND

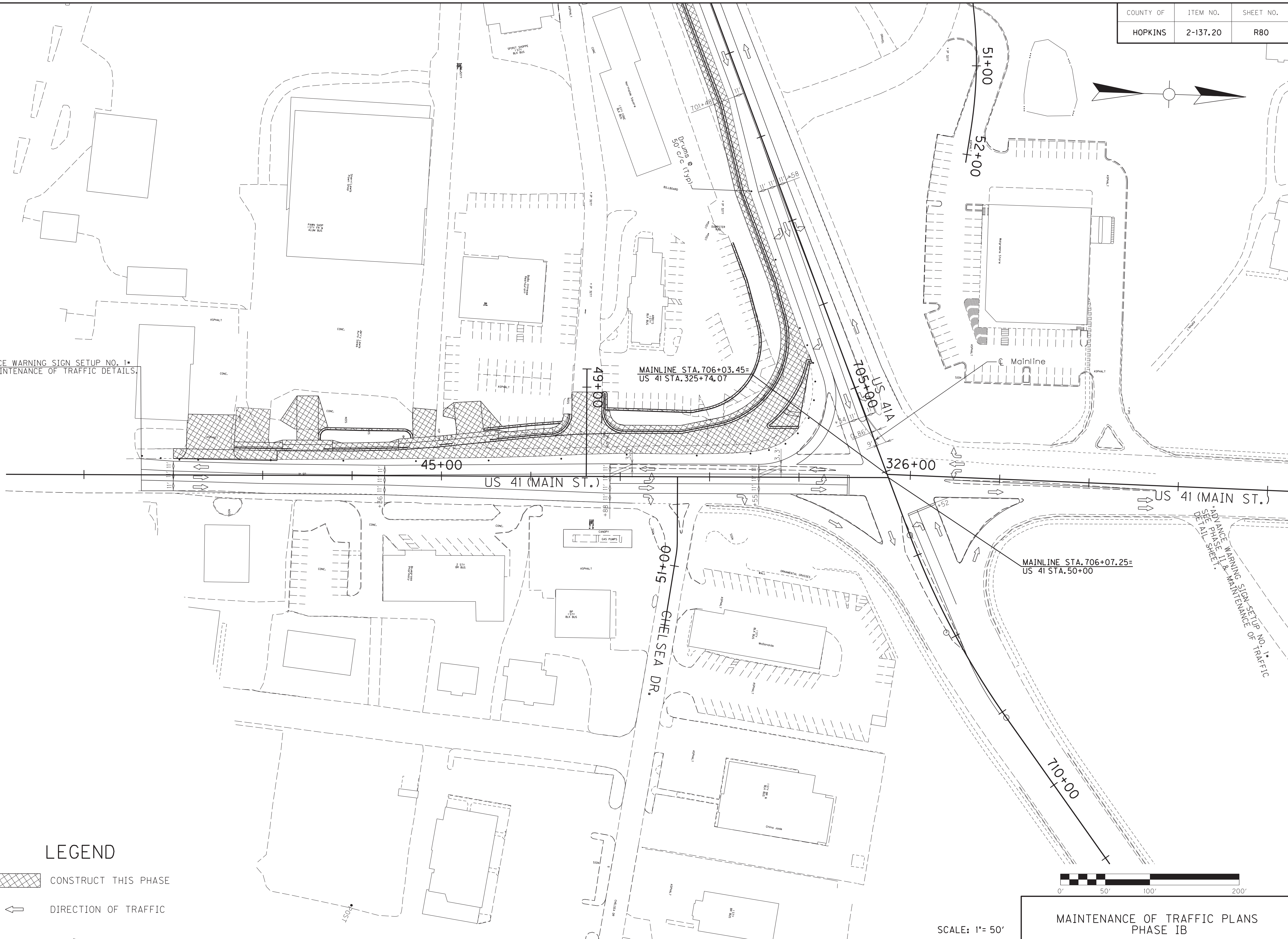
 CONSTRUCT THIS PHASE

 DIRECTION OF TRAFFIC



SCALE: 1"= 50'

**MAINTENANCE OF TRAFFIC PLANS
PHASE 1B**



FILE NAME: C:\PLOT\ROB000MT.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROB000MT

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R81

Phase II

Shift traffic onto the right side of the newly widened US 41A at Sta. 638+50 transitioning to three 11' lanes at Sta. 641+00 while constructing the leveling and wedging on the existing pavement except for the final surface course. Quinten Drive ahead of Sta. 47+45 may be closed during this phase, but access to Parcel 99 (Walgreen's) from US 41A shall be maintained at all times.

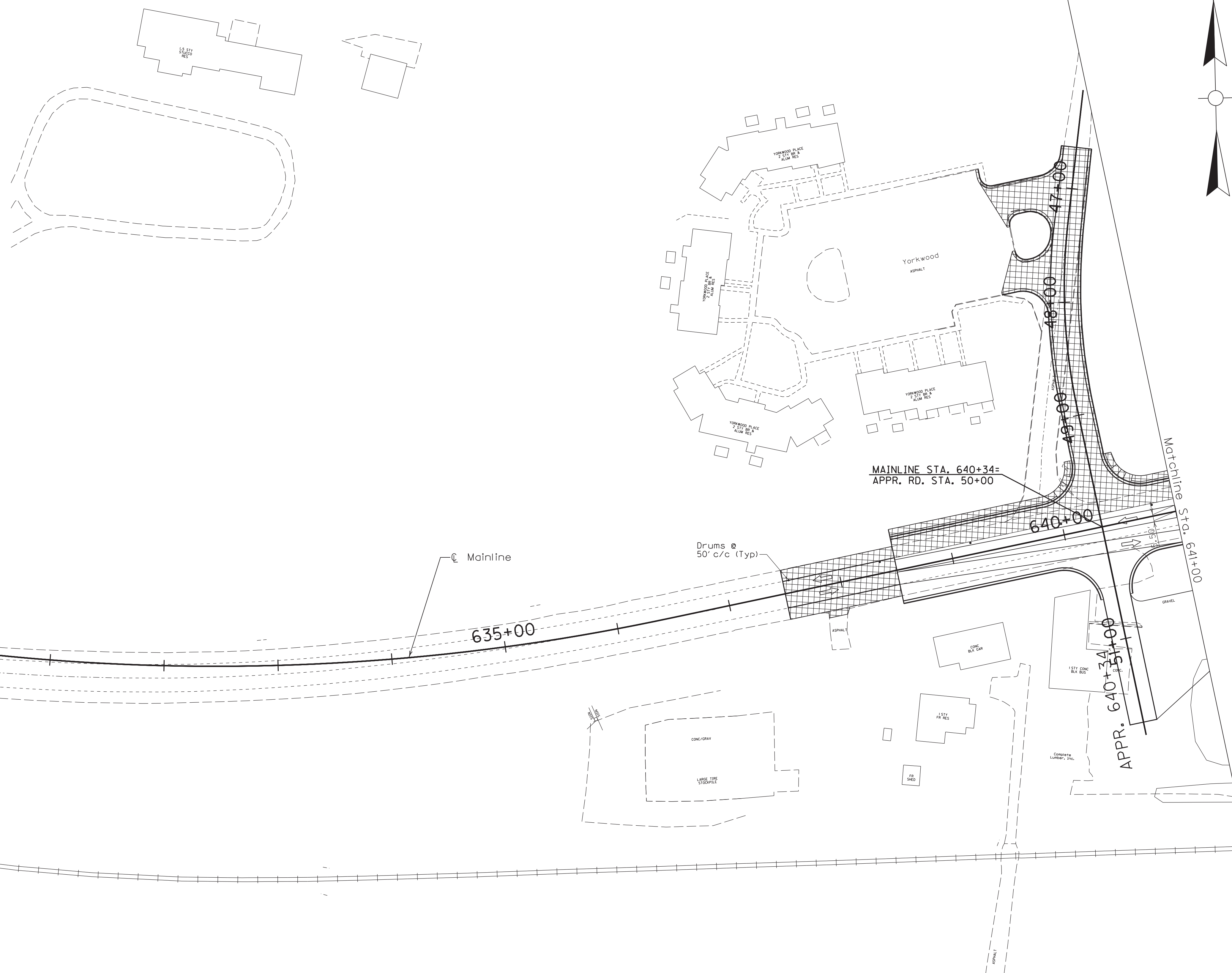
Construct the base widening left of centerline on US 41A from Sta. 638+50 to US 41 except for the final surface course.

Shift traffic on KY 281 to the right into 11' lanes. On US 41, north of US 41A, shift the traffic to the right in 11' lanes.



Construct the base widening left of centerline on US 41 north of US 41A.
Construct the base widening left of centerline on KY 281, including the partial construction of the NE triangular island in the US 41A/US 41 intersection.

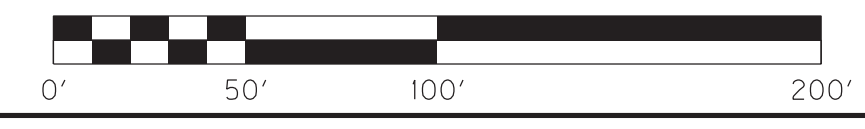
Complete the SW triangular island in the US 41A/US 41 intersection.

All approaches left of centerline shall be constructed during this phase insofar as practical. Access shall be maintained to all parcels during this phase by constructing approaches and entrances by part width construction.



LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC



SCALE: 1"= 50'

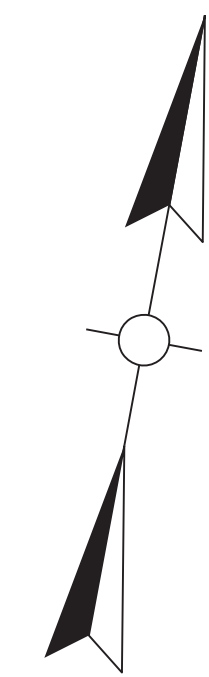
MAINTENANCE OF TRAFFIC PLANS
PHASE II

FILE NAME: C:\PLOT\RO8100MT.DGN

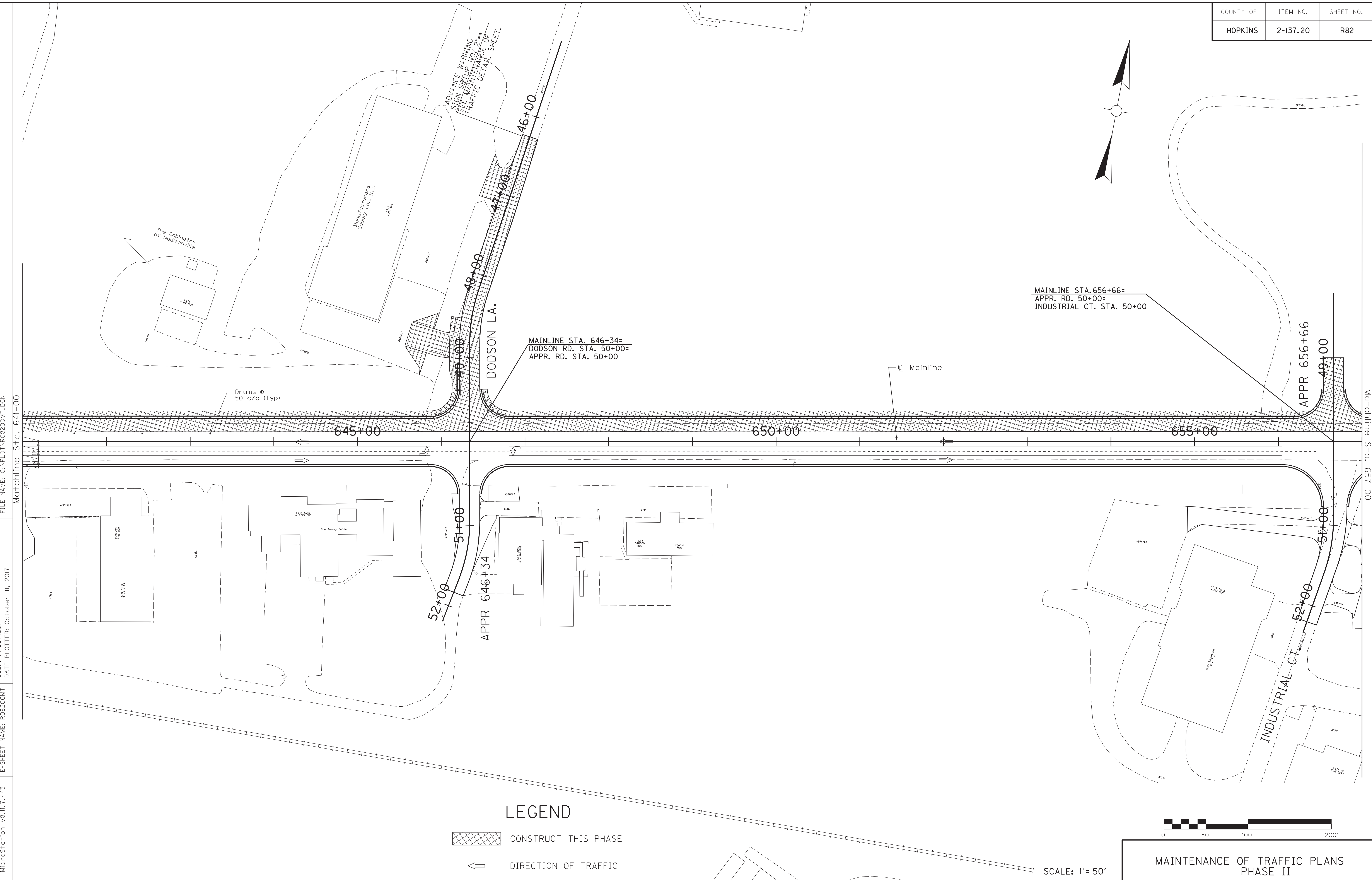
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO8100MT

MicroStation v8.11.7.443



MAINLINE STA. 656+66=
 APPR. RD. STA. 50+00=
 INDUSTRIAL CT. STA. 50+00



FILE NAME: C:\PLOT\ROB200MT.DGN
 Matchline Sta. 641+00

USER: rrobinson
 DATE PLOTTED: October 11, 2017

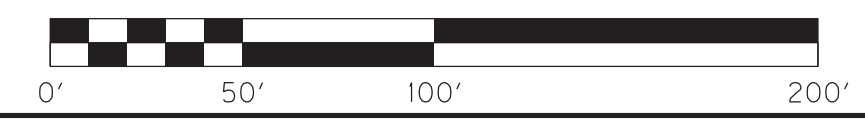
E-SHEET NAME: ROB200MT

MicroStation v8.11.7.443

Matchline Sta. 657+00

LEGEND

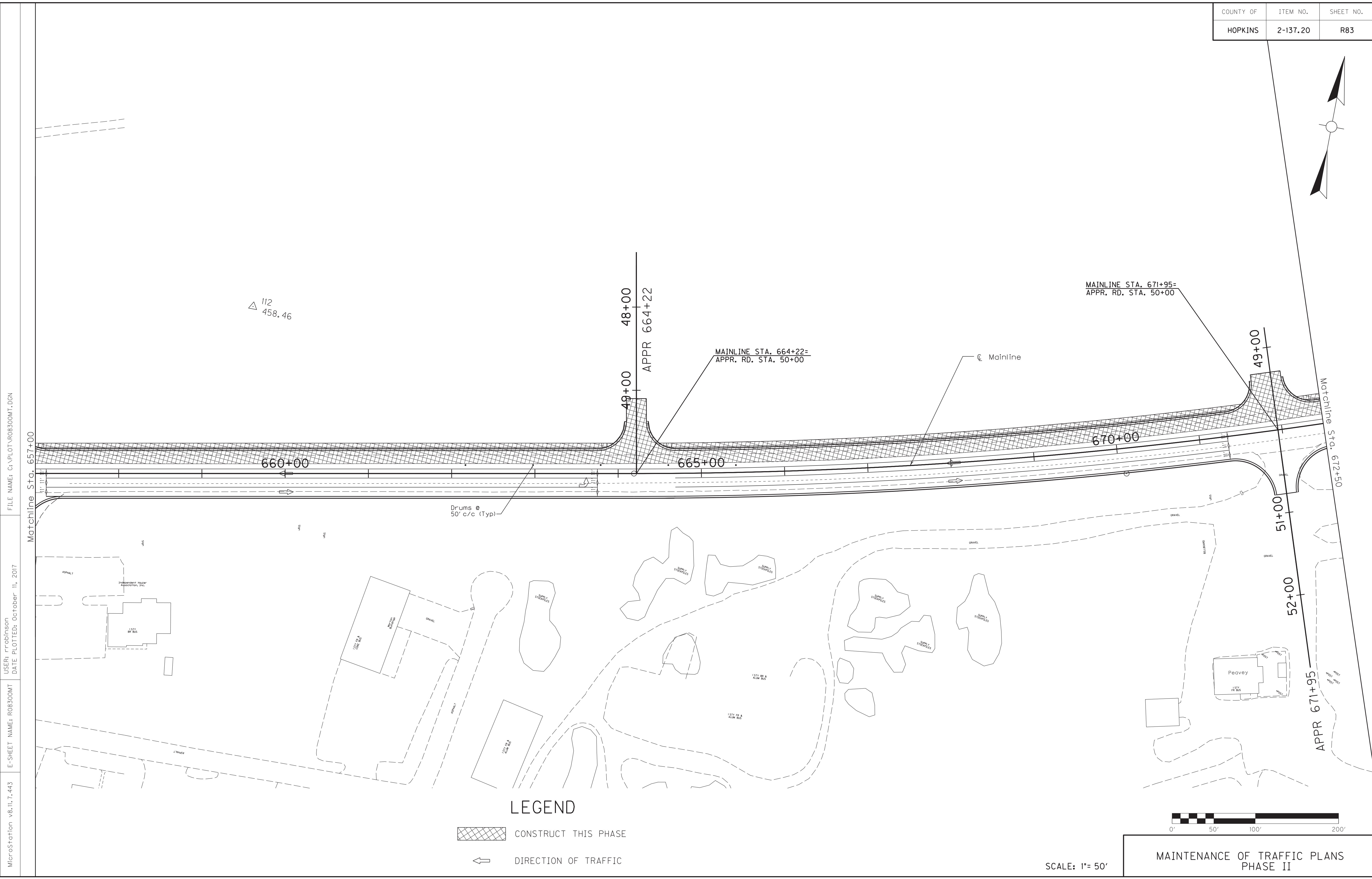
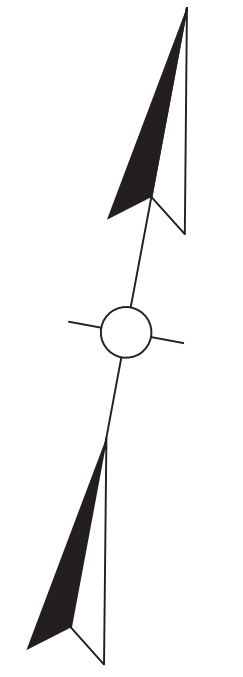
- CONSTRUCT THIS PHASE
- DIRECTION OF TRAFFIC



SCALE: 1"= 50'

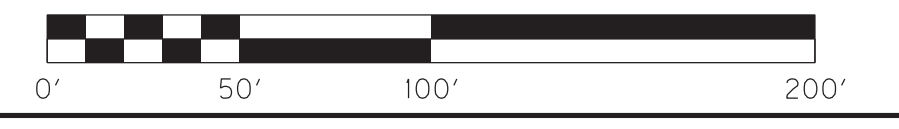
MAINTENANCE OF TRAFFIC PLANS PHASE II

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R83



LEGEND

- CONSTRUCT THIS PHASE
- DIRECTION OF TRAFFIC

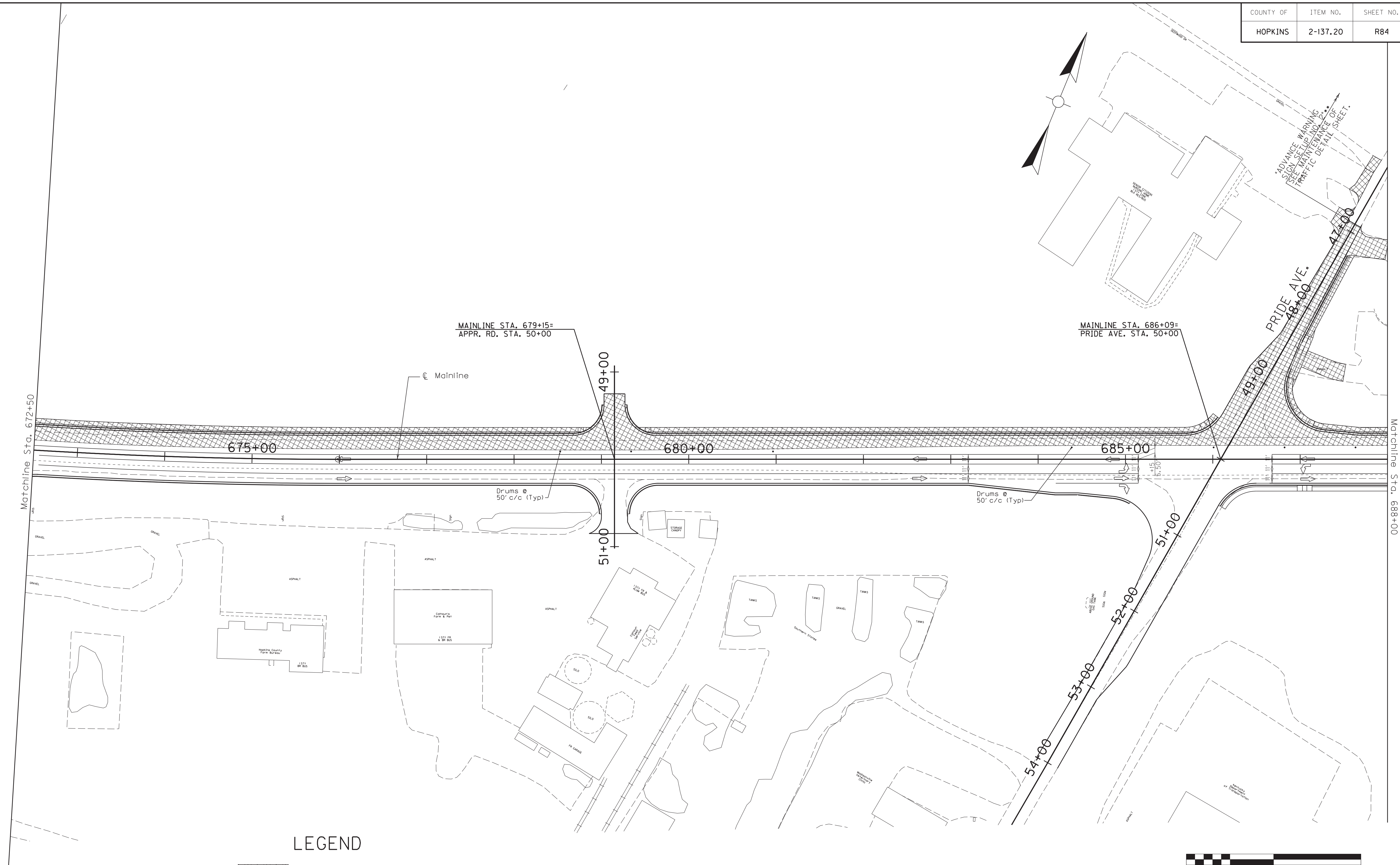


SCALE: 1"= 50'

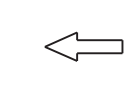
**MAINTENANCE OF TRAFFIC PLANS
PHASE II**

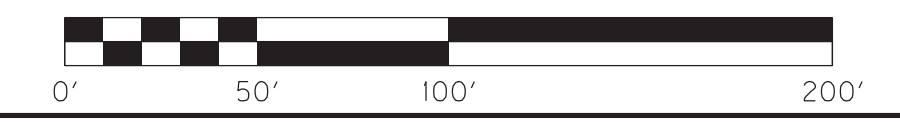
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R84

MicroStation v8.11.7.443 E-SHEET NAME: R08400MT USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: C:\PLOT\R08400MT.DGN



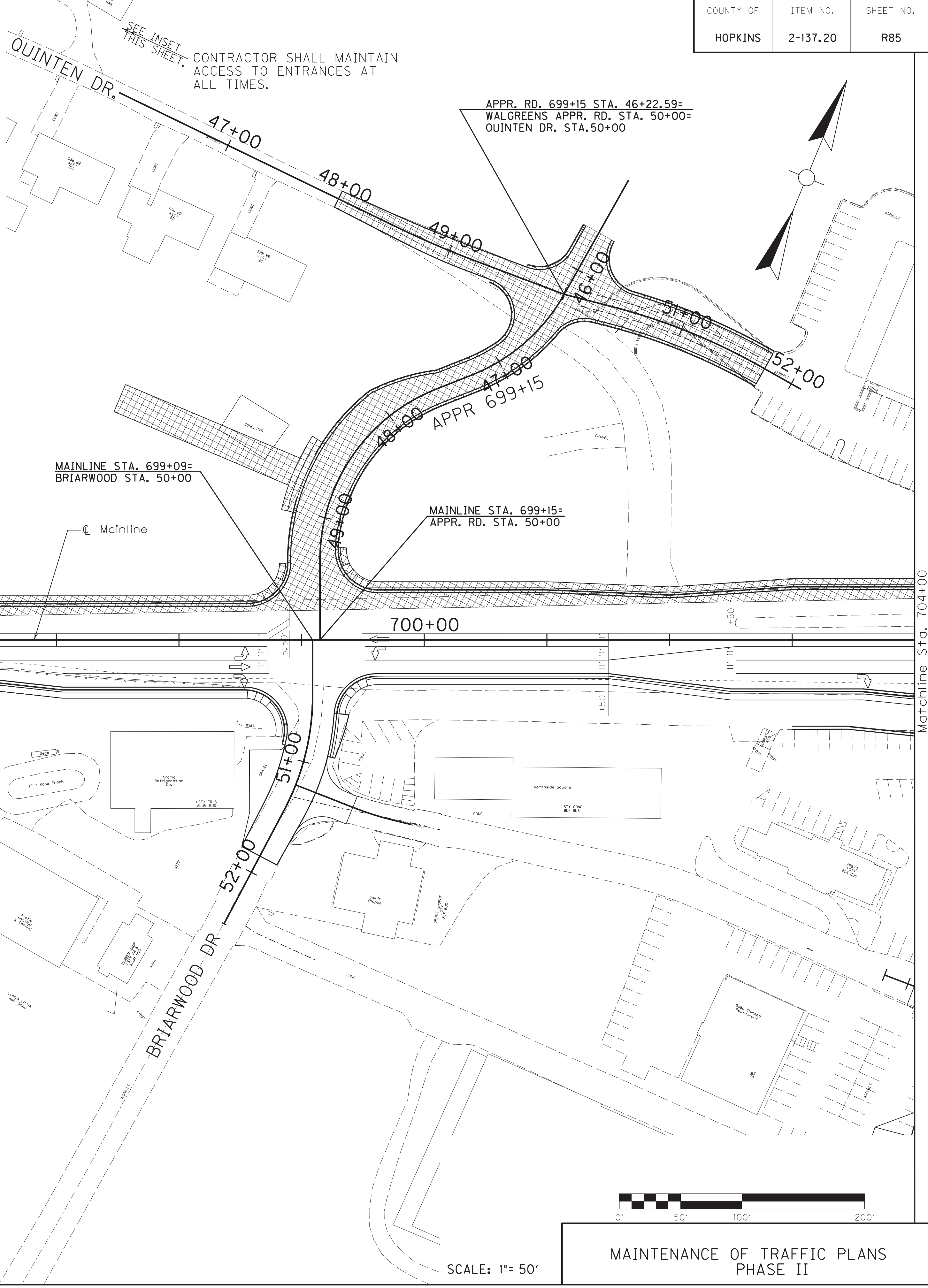
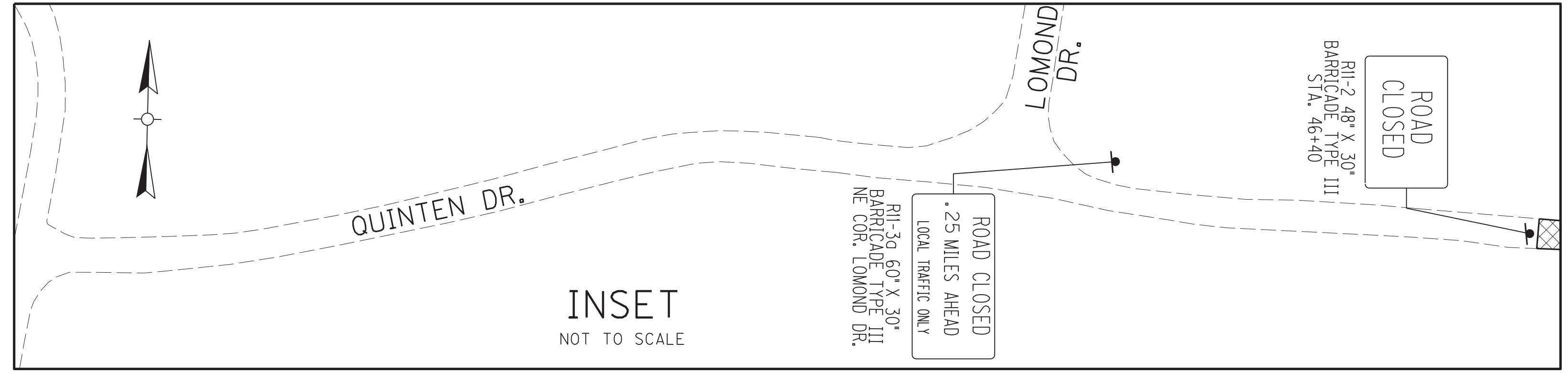
LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC



SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE II



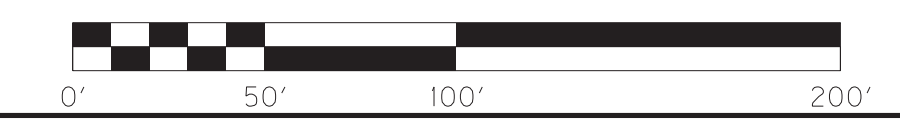
MAINLINE STA. 693+09=
APPR. RD. STA. 50+00

Drums @
50' c/c (Typ)

LEGEND

CONSTRUCT THIS PHASE

DIRECTION OF TRAFFIC



SCALE: 1" = 50'

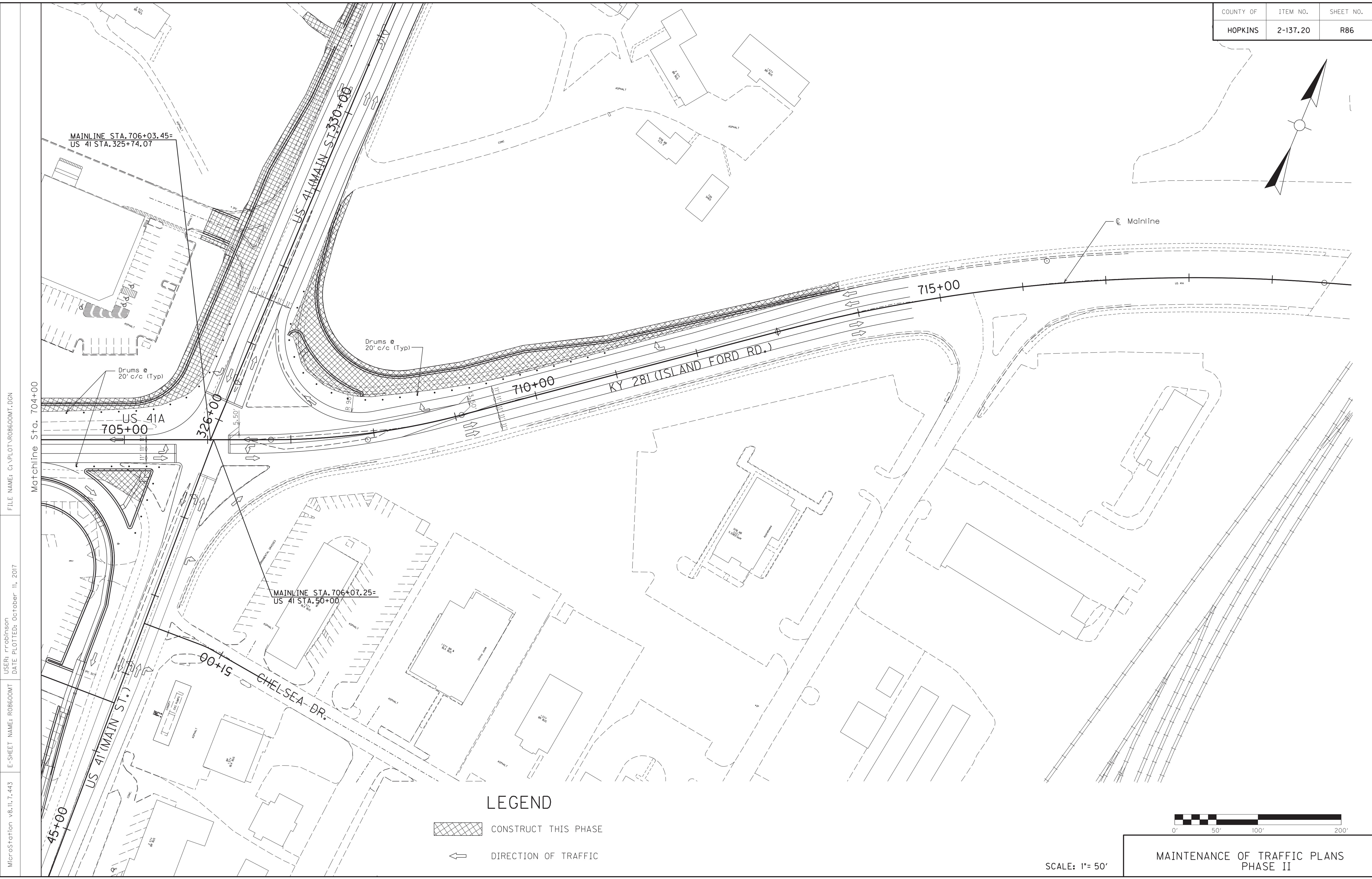
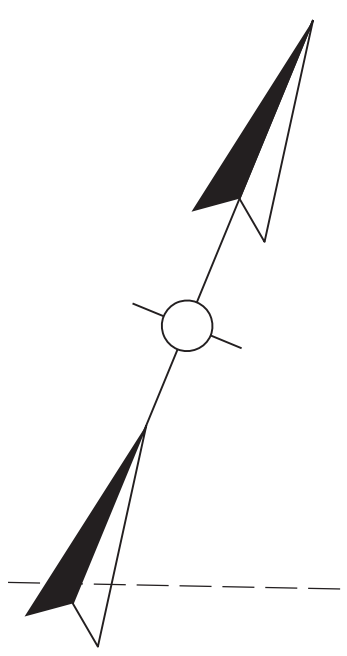
**MAINTENANCE OF TRAFFIC PLANS
PHASE II**

FILE NAME: C:\PLOT\ROB500MT.DGN

USER: rrobinson
DATE PLOTTED: October 16, 2017

E-SHEET NAME: ROB500MT

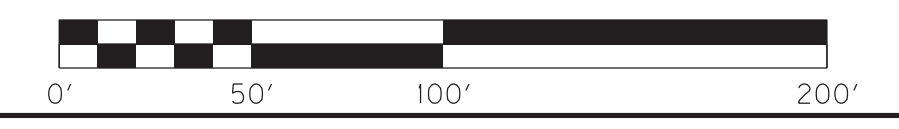
MicroStation v8.11.7.443



MicroStation v8.11.7.443
 E-SHEET NAME: ROB600MT
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\ROB600MT.DGN

LEGEND

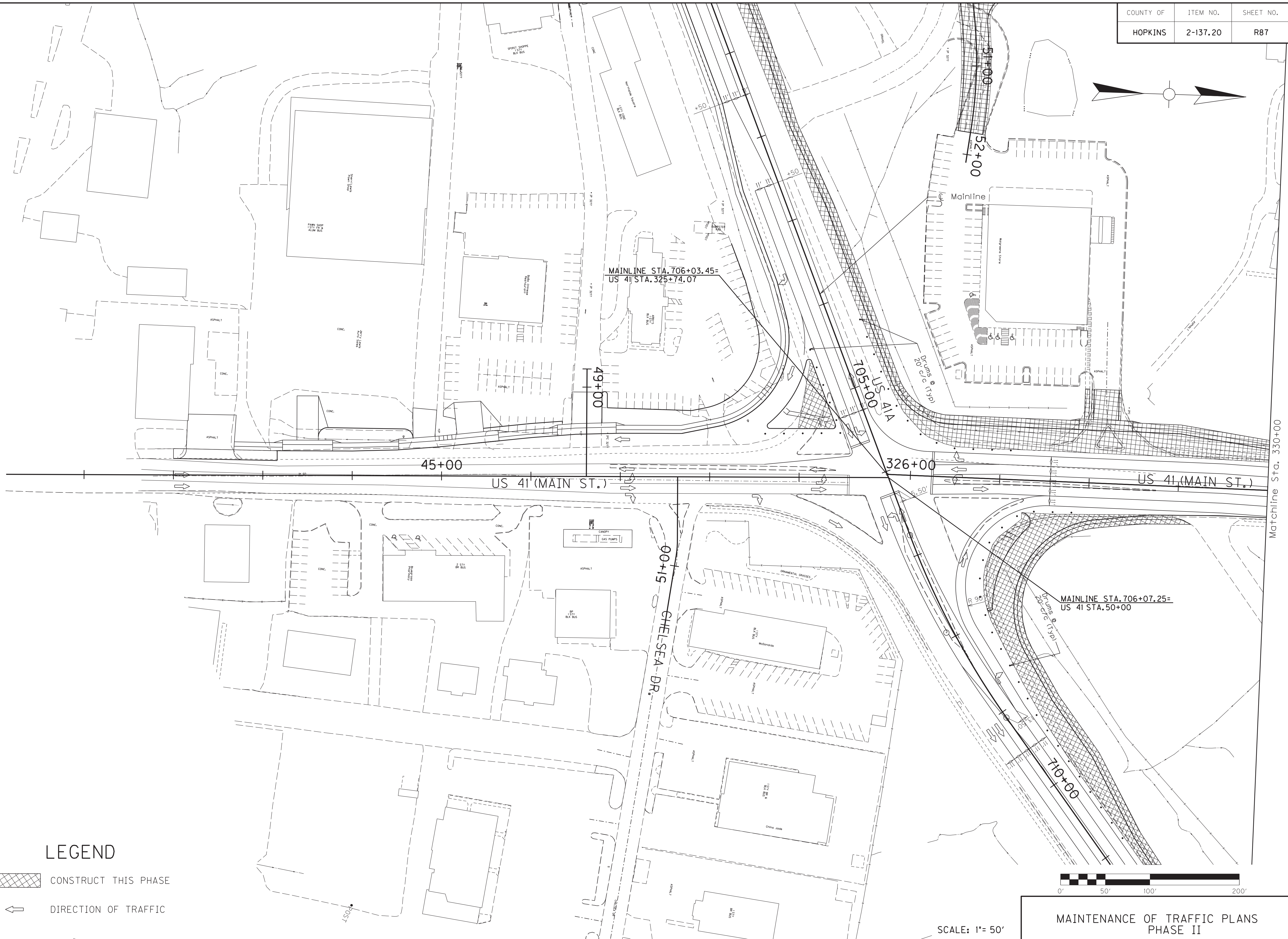
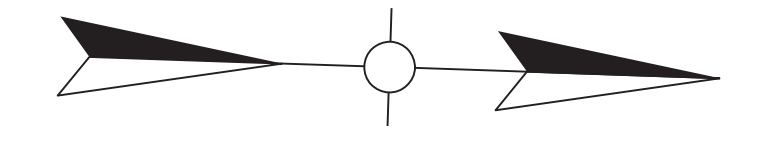
- CONSTRUCT THIS PHASE
- DIRECTION OF TRAFFIC



SCALE: 1"= 50'

**MAINTENANCE OF TRAFFIC PLANS
PHASE II**

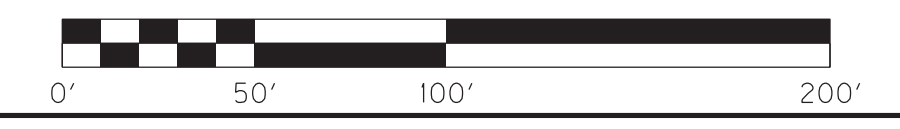
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R87



LEGEND

 CONSTRUCT THIS PHASE

 DIRECTION OF TRAFFIC



SCALE: 1" = 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE II

FILE NAME: C:\PLOT\ROB700MT.DGN

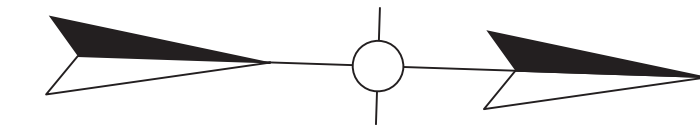
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROB700MT

MicroStation v8.11.7.443

Matchline Sta. 330+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R88

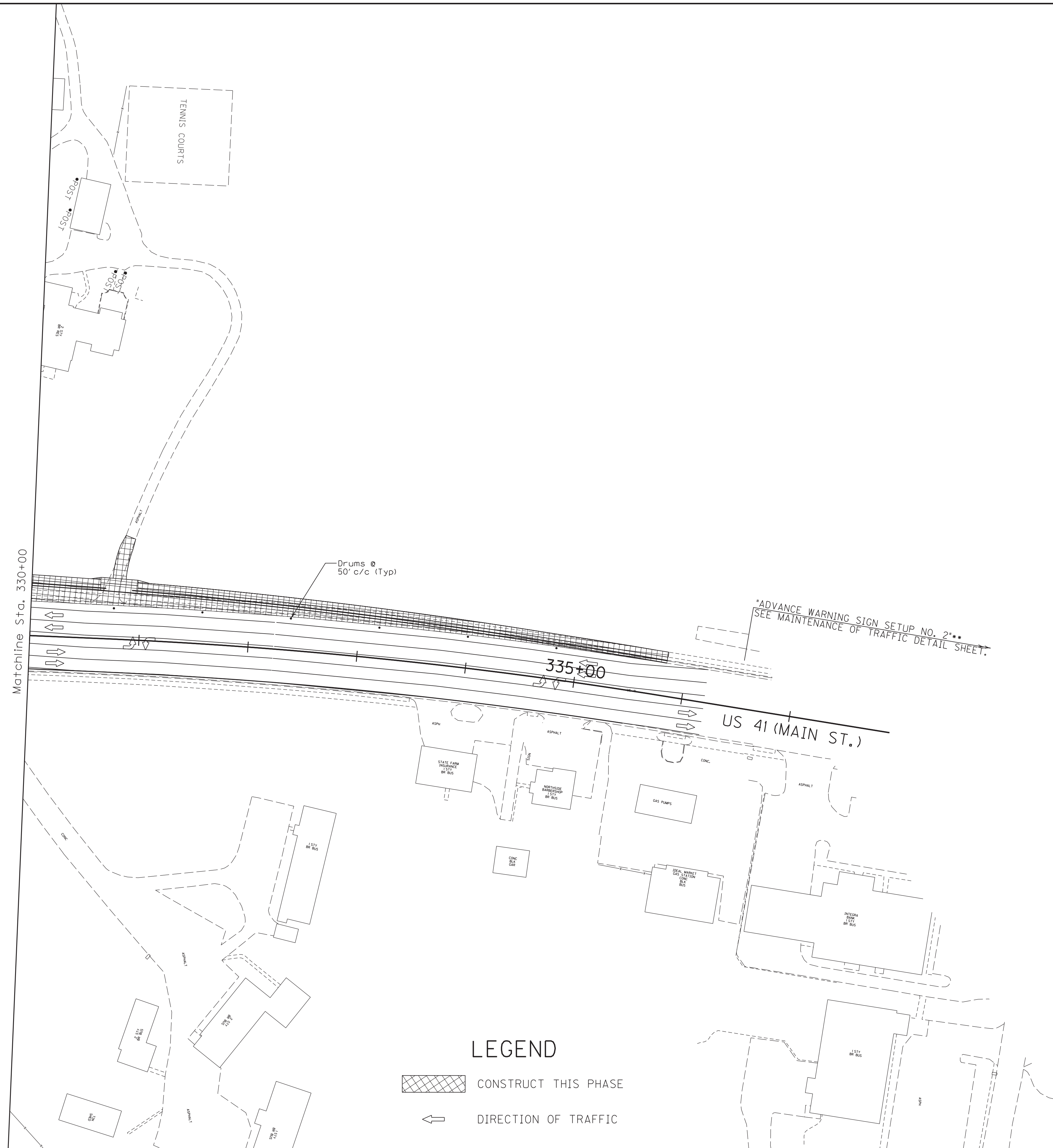


FILE NAME: C:\PLOT\RO8800MT.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO8800MT

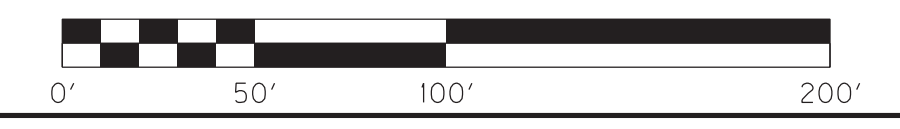
MicroStation v8.11.7.443



LEGEND

 CONSTRUCT THIS PHASE

 DIRECTION OF TRAFFIC



SCALE: 1"= 50'

**MAINTENANCE OF TRAFFIC PLANS
PHASE II**

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R89

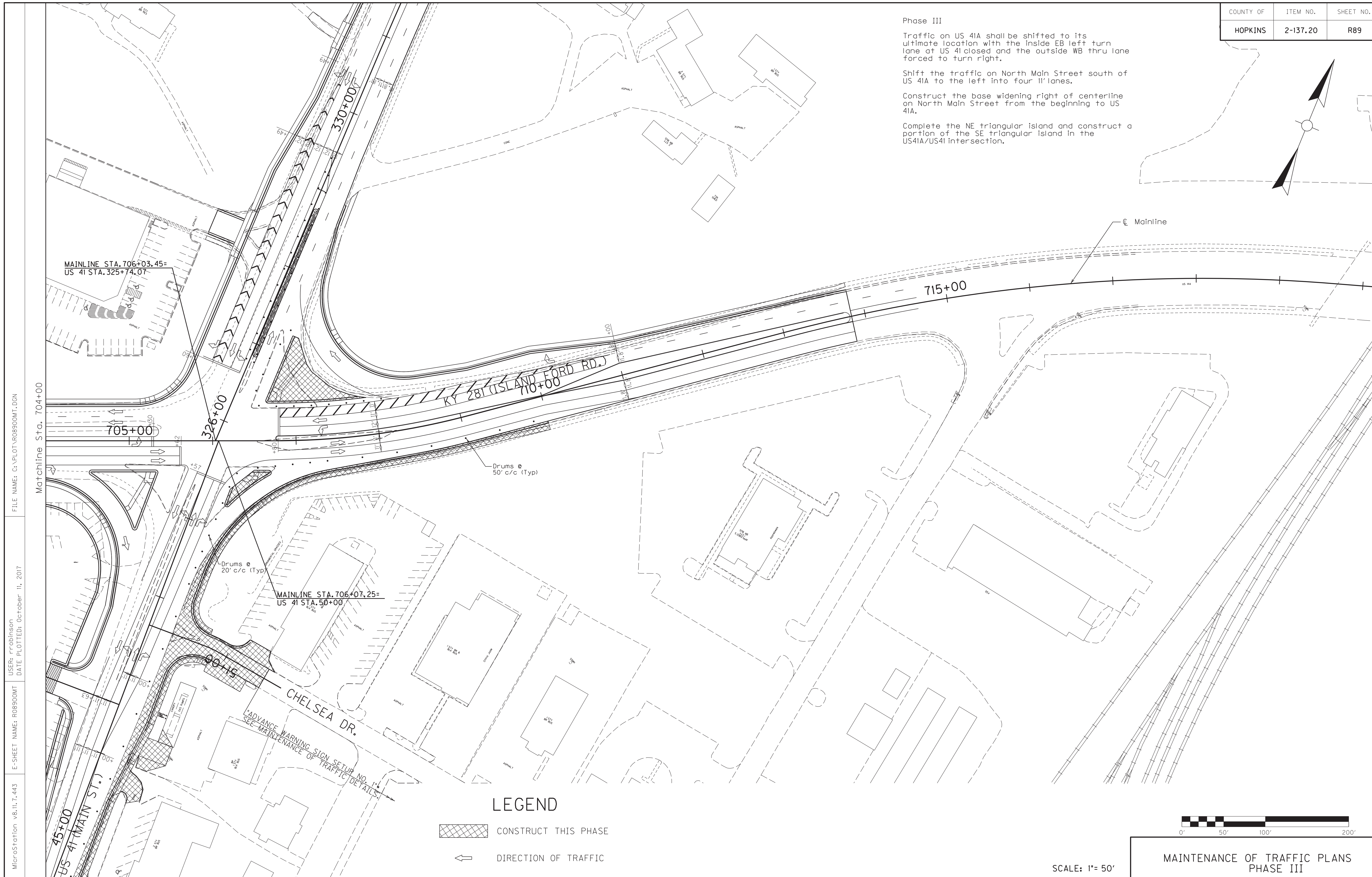
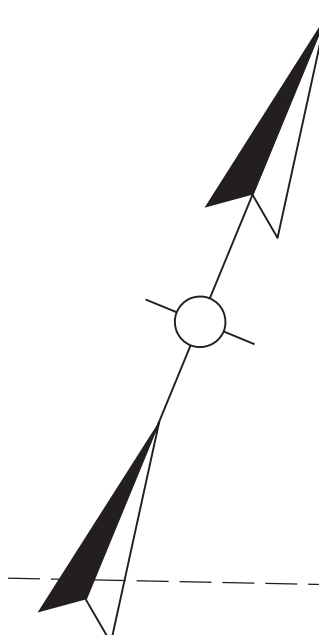
Phase III

Traffic on US 41A shall be shifted to its ultimate location with the inside EB left turn lane at US 41 closed and the outside WB thru lane forced to turn right.

Shift the traffic on North Main Street south of US 41A to the left into four 11' lanes.

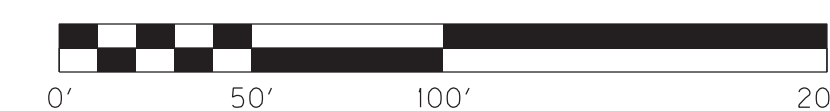
Construct the base widening right of centerline on North Main Street from the beginning to US 41A.

Complete the NE triangular island and construct a portion of the SE triangular island in the US41A/US41 intersection.



LEGEND

- CONSTRUCT THIS PHASE
- DIRECTION OF TRAFFIC



SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE III

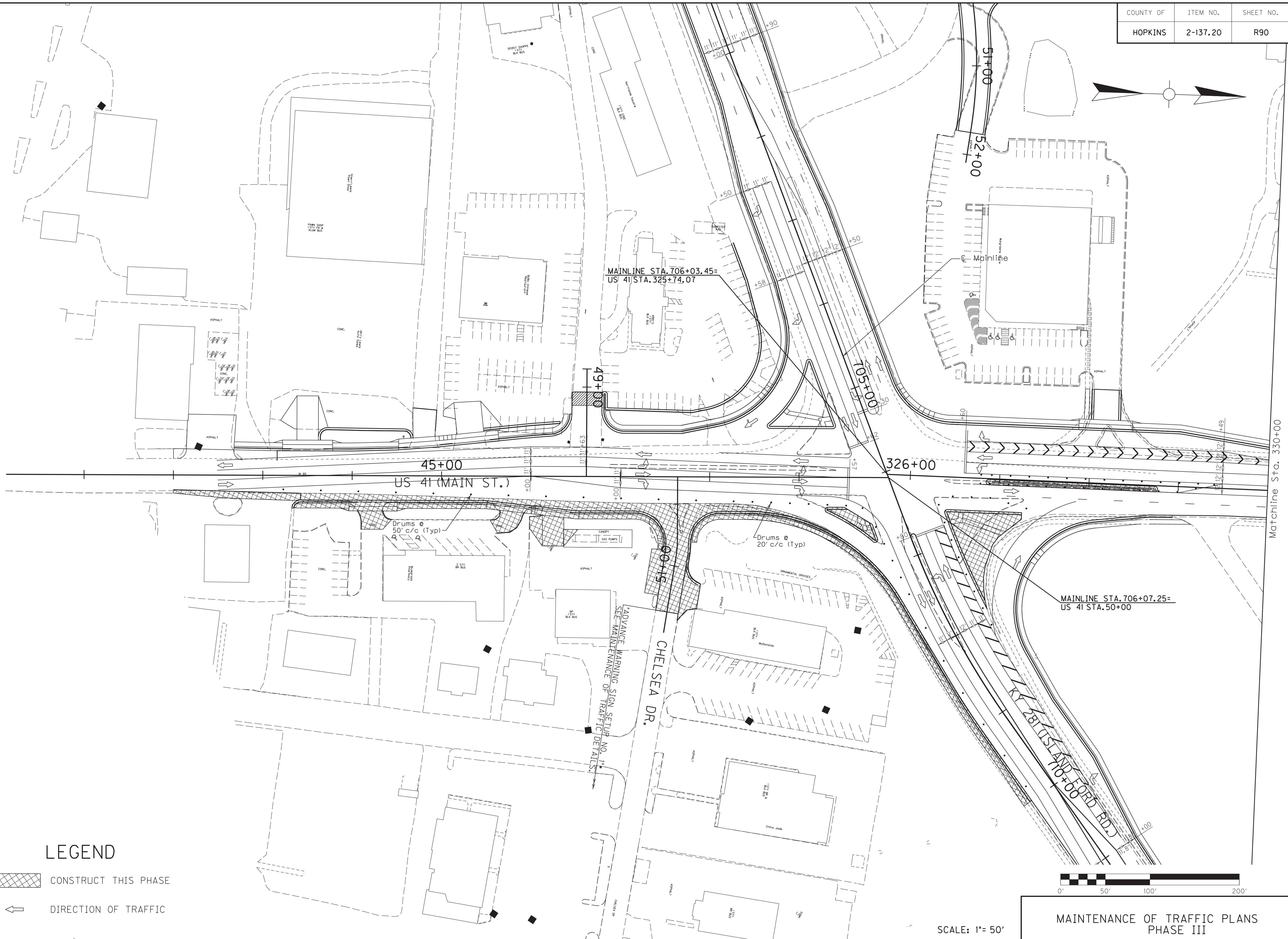
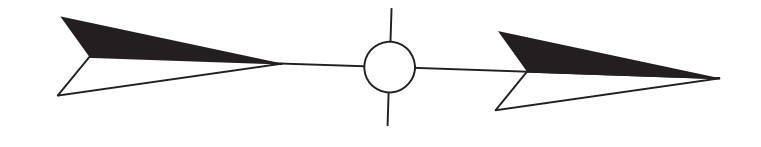
FILE NAME: C:\PLOT\ROB900MT.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: ROB900MT

MicroStation v8.11.7.443

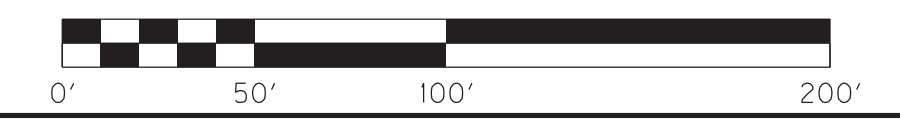
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R90



LEGEND

 CONSTRUCT THIS PHASE

 DIRECTION OF TRAFFIC



SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE III

FILE NAME: C:\PLOT\RO9000MT.DGN

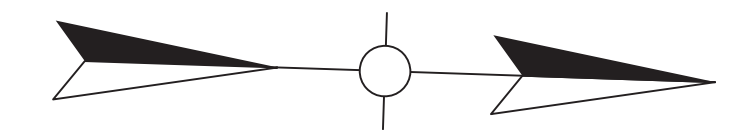
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO9000MT

MicroStation v8.11.7.443

Matchline Sta. 330+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R91

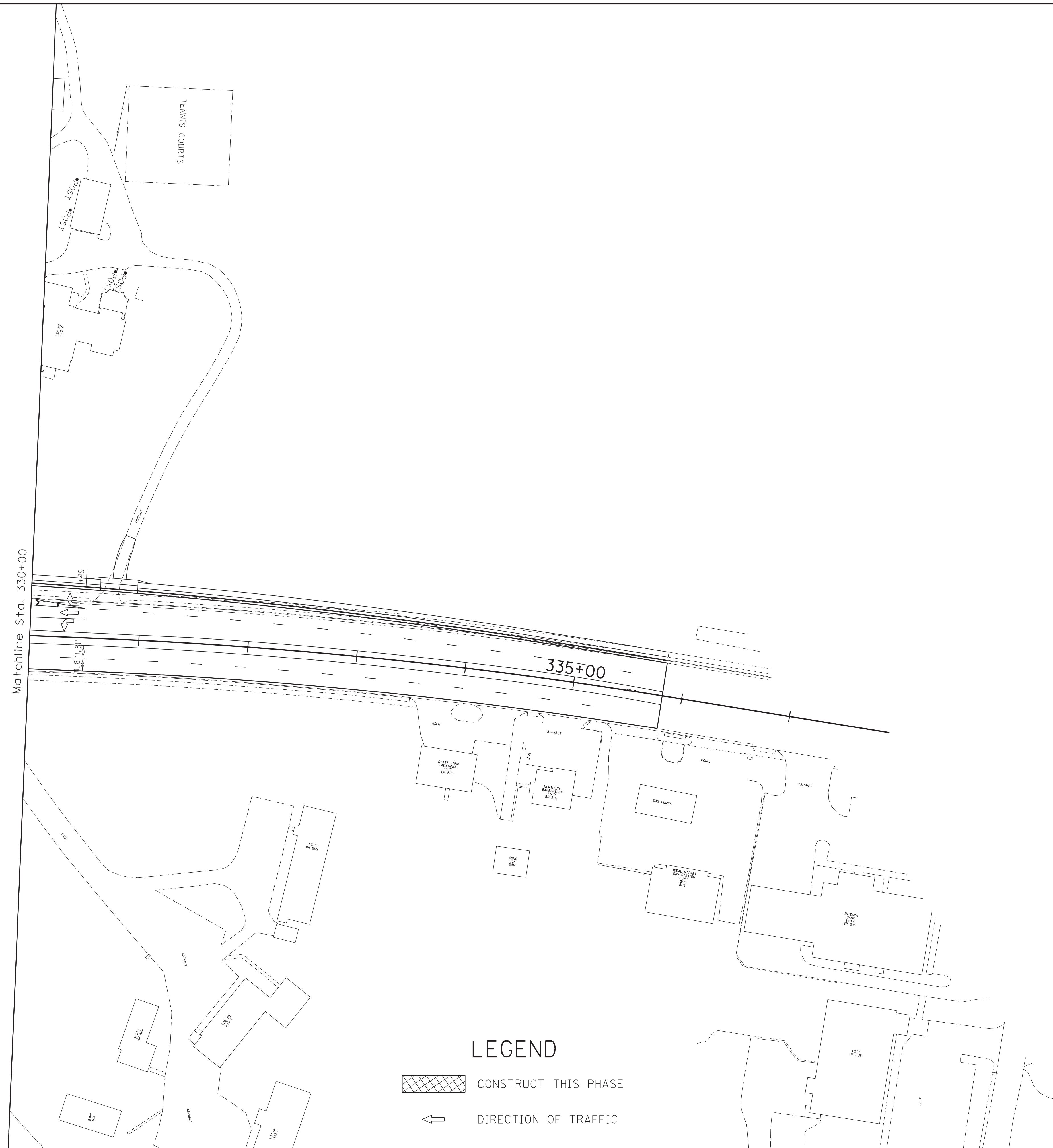


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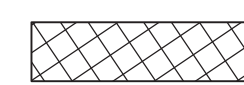

USER: rrobinson
DATE PLOTTED: October 11, 2017

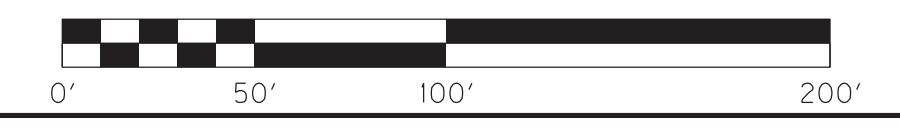
E-SHEET NAME: R09100MT

MicroStation v8.11.7.443



LEGEND

-  CONSTRUCT THIS PHASE
-  DIRECTION OF TRAFFIC

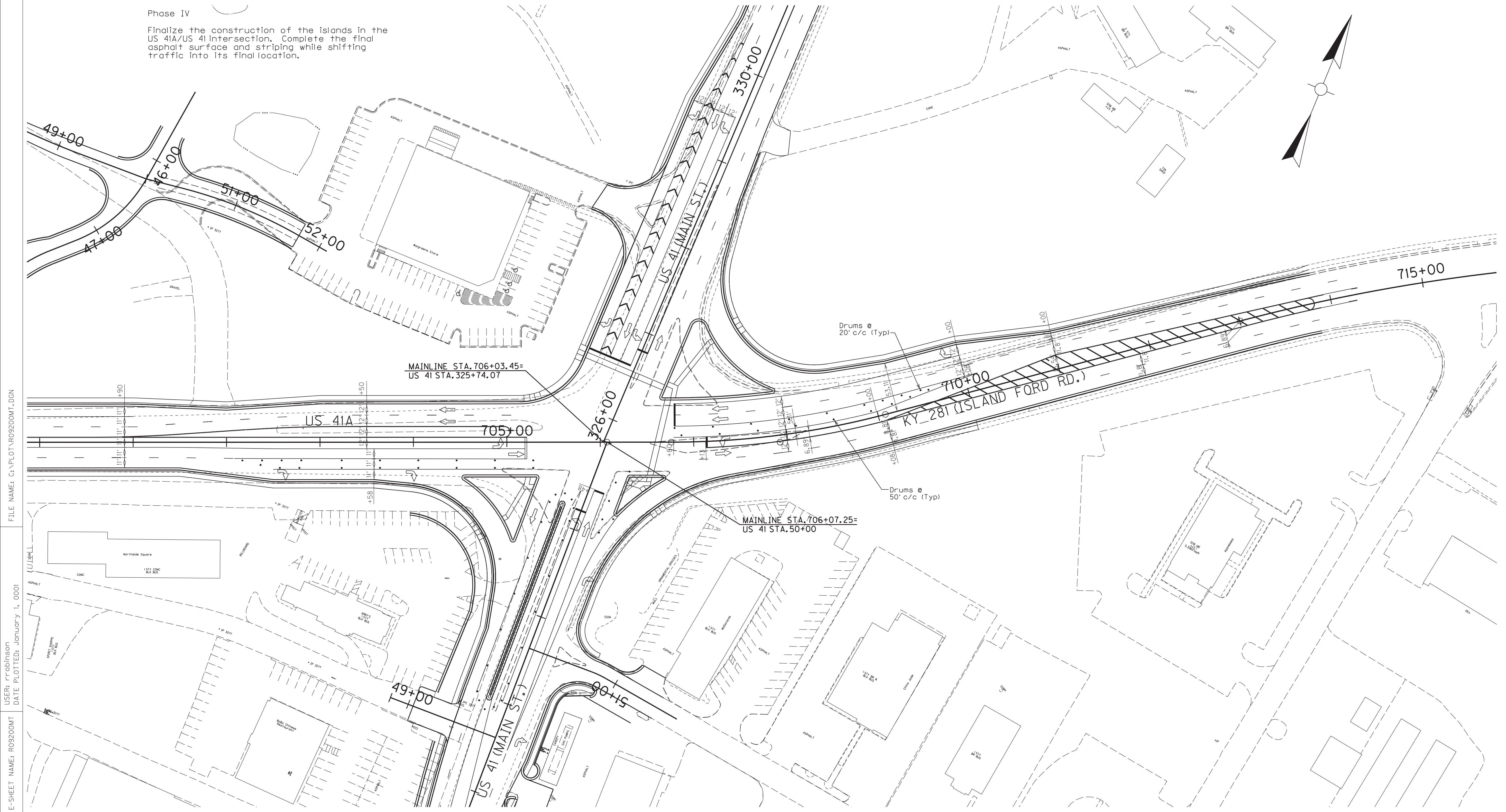
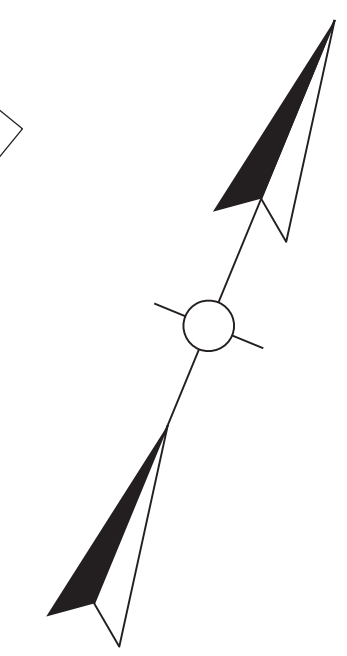


SCALE: 1"= 50'

MAINTENANCE OF TRAFFIC PLANS
PHASE III

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R92

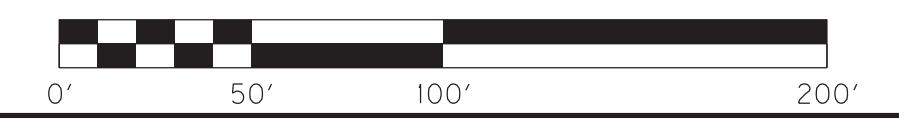
Phase IV
 Finalize the construction of the islands in the US 41A/US 41 intersection. Complete the final asphalt surface and striping while shifting traffic into its final location.



FILE NAME: C:\PLOT\RO9200MT.DGN
 USER: rrobinson
 DATE PLOTTED: January 1, 0001
 E-SHEET NAME: RO9200MT
 MicroStation v8.11.7.443

LEGEND

- CONSTRUCT THIS PHASE
- DIRECTION OF TRAFFIC



SCALE: 1"= 50'

**MAINTENANCE OF TRAFFIC PLANS
 PHASE IV**

EROSION CONTROL NOTES

ALL SILT CONTROL DEVICES SHALL BE SIZED TO RETAIN A VOLUME OF 3,600 CUBIC FEET PER DISTURBED CONTRIBUTING ACRE.

THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED GROUND DURING EACH PHASE OF CONSTRUCTION. THE CONTRACTOR SHALL COMPUTE THE VOLUME NECESSARY TO CONTROL SEDIMENT DURING EACH PHASE OF CONSTRUCTION. AS WORK PROCEEDS, SILT TRAPS MAY BE ADDED OR REMOVED IN ORDER TO ACHIEVE THE BEST MANAGEMENT PLAN. THE REQUIRED VOLUME AT EACH ADDED SILT TRAP SHALL BE COMPUTED AS UP GRADIENT CONTRIBUTING AREAS ARE DISTURBED OR ARE STABILIZED TO THE SATISFACTION OF THE ENGINEER. THE REQUIRED VOLUME CALCULATION FOR EACH SILT TRAP SHALL BE DETERMINED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER. THE REQUIRED VOLUME AT EACH SILT TRAP MAY BE REDUCED BY THE FOLLOWING AMOUNTS:

- UPGRADIENT AREAS NOT DISTURBED (ACRES).
- UPGRADIENT AREAS THAT HAVE BEEN RECLAIMED AND PROTECTED BY EROSION CONTROL BLANKET OR OTHER GROUND PROTECTION MATERIAL SUCH AS TEMPORARY MULCH.(ACRES).
- THE USE OF TEMPORARY MULCH IS ENCOURAGED.
- UPGRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT FENCE (ACRES). AREAS PROTECTED BY SILT FENCE SHALL BE COMPUTED AT A MAXIMUM RATE OF 100 SQUARE FOOT PER LINEAR FOOT OF SILT FENCE.
- UPGRADIENT AREAS THAT HAVE BEEN PROTECTED BY SILT TRAPS (ACRES).

THE EROSION CONTROL PLAN SHALL BE ANNOTATED AS THE WORK PROCEEDS BY THE CONTRACTOR TO DETAIL THE SELECTION OF EACH EROSION CONTROL DEVICE USED AND THE VOLUME PROVIDED BY EACH SILT TRAP IN ACCORDANCE WITH THE DOCUMENTATION PROCEDURES ESTABLISHED BY THE DIVISION OF CONSTRUCTION.

IF A SILT BASIN IS NOT USED THEN ONE SILT TRAP TYPE A, ALTERNATE NUMBER 2 OR SILT TRAP TYPE B SHALL ALWAYS BE PLACED AT THE MOST REMOTE DOWNSTREAM COLLECTION POINT PRIOR TO DISCHARGING INTO A BLUE LINE STREAM OR ONTO AN ADJACENT PROPERTY OWNER. WHERE OVERLAND FLOW EXIST, A SILT FENCE OR OTHER FILTER DEVICES MAY BE USED OR THE OVERLAND FLOW MAY BE DIVERTED TO ONE OF THE FOREMENTED SILT BASIN OR TRAPS.

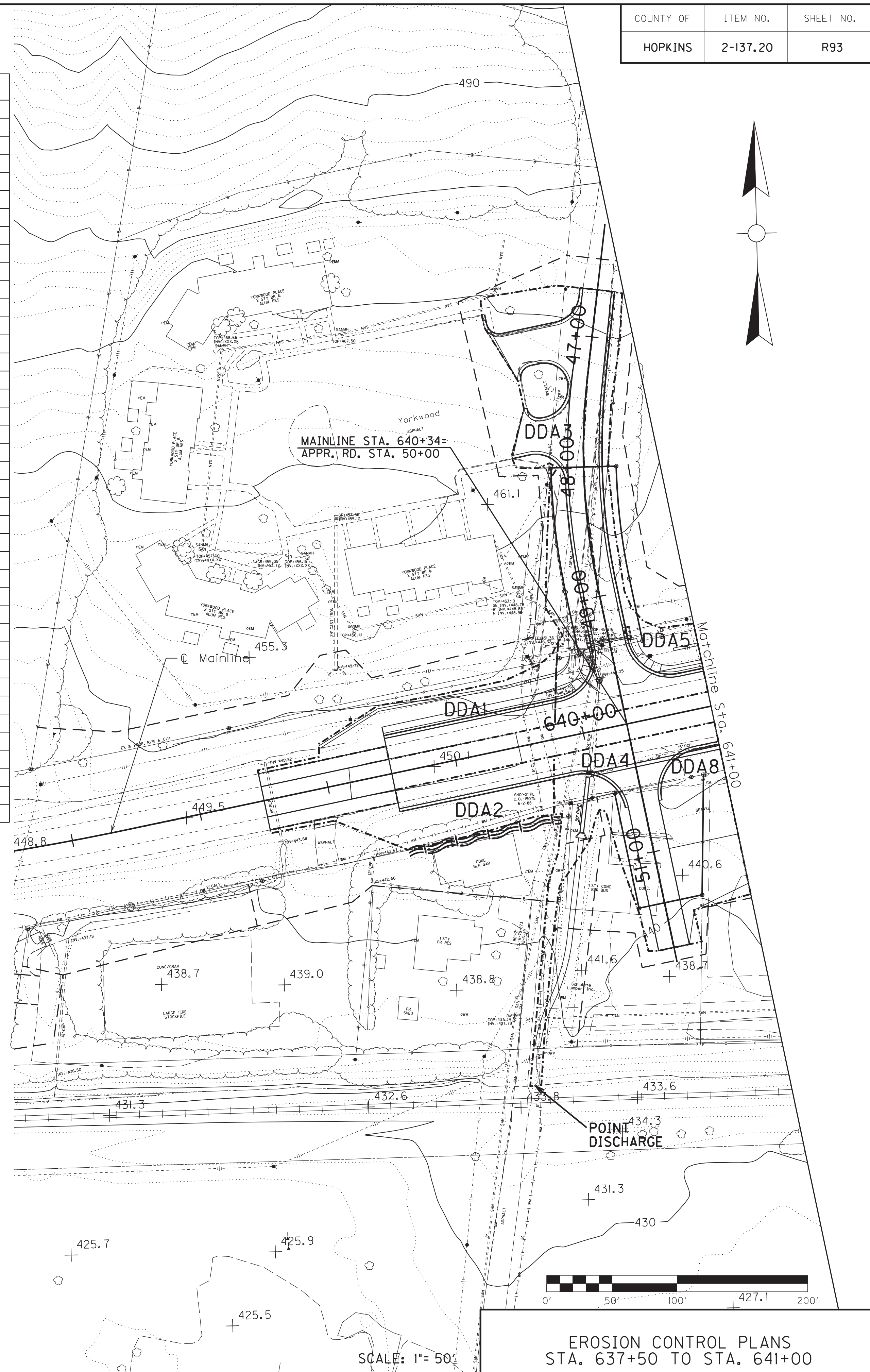
THE EROSION CONTROL PLANS DO NOT CONSTITUTE A BMP BY THEMSELVES. THEY PROVIDE A STARTING POINT FOR THE CONTRACTOR AND RESIDENT ENGINEER TO DEVELOP THE BMP ACCORDING TO SECTION 213.03.01 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SUPPLEMENTAL SPECS EFFECTIVE WITH THE OCTOBER, 2004 LETTING.

EROSION CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY EXCAVATION OR DISTURBANCE WITHIN A DRAINAGE AREA.

THE CONTRACTOR SHALL BE REQUIRED TO CLEAN OUT (REMOVE SEDIMENT FROM) SILT TRAPS AND SILT FENCES WHENEVER THEY BECOME ONE-HALF FULL AND PROPERLY DISPOSE OF THE MATERIAL AT SITES APPROVED BY THE RESIDENT ENGINEER.

EROSION CONTROL MEASURES EMPLOYED BY THE CONTRACTOR WILL BE UNIQUE TO THE PROJECT AND WORK CONDITIONS AND SHALL BE APPROVED BY THE RESIDENT ENGINEER. THE DEVELOPMENT AND UTILIZATION OF THESE MEASURES WILL BE RECORDED AS PART OF THE BMP, KEPT ON SITE, AND AVAILABLE FOR PUBLIC INSPECTION.

DISTURBED DRAINAGE AREAS		
SECTION	DISTURBED AREA (ACRES)	MAXIMUM SEDIMENT VOLUME (CU. FT.)
DDA1	0.16	562
DDA2	0.15	525
DDA3	0.34	1,196
DDA4	0.19	645
DDA5	1.23	4,274
DDA6	0.07	241
DDA7	1.74	6,073
DDA8	0.74	2,570
DDA9	1.49	5,205
DDA10	1.05	3,650
DDA11	1.09	3,806
DDA12	0.93	3,235
DDA13	1.02	3,537
DDA14	0.75	2,621
DDA15	0.43	1,500
DDA16	0.68	2,370
DDA17	0.72	2,502
DDA18	0.31	1,070
DDA19	1.06	3,704
DDA20	0.63	2,188
DDA21	0.23	800
DDA22	0.11	393
DDA23	0.24	831
DDA24	0.53	1,864
DDA25	0.72	2,517
DDA26	1.16	4,027
DDA27	0.48	1,671
DDA28	0.74	2,569
DDA29	0.56	1,955
DDA30	1.20	4,192
DDA31	1.73	6,034
DDA32	0.86	2,985
DDA33	0.24	848
DDA34	0.37	1,285
DDA35	0.88	3,078
DDA36	0.62	2,143
DDA37	1.28	4,478
TOTALS	26.73	93,145



EROSION CONTROL ESTIMATED QUANTITIES

02159	TEMPORARY DITCH	3,817	LIN. FT.
02160	CLEAN TEMPORARY DITCH	1,909	LIN. FT.
02701	TEMPORARY SILT FENCE	3,817	LIN. FT.
02703	SILT TRAP TYPE A	27	EACH
02704	SILT TRAP TYPE B	27	EACH
02705	SILT TRAP TYPE C	27	EACH
02706	CLEAN SILT TRAP TYPE A	27	EACH
02707	CLEAN SILT TRAP TYPE B	27	EACH
02708	CLEAN SILT TRAP TYPE C	27	EACH
05952	TEMPORARY MULCH	86,245	SO. YD.
05953	TEMPORARY SEED AND PROTECT	64,684	SO. YD.

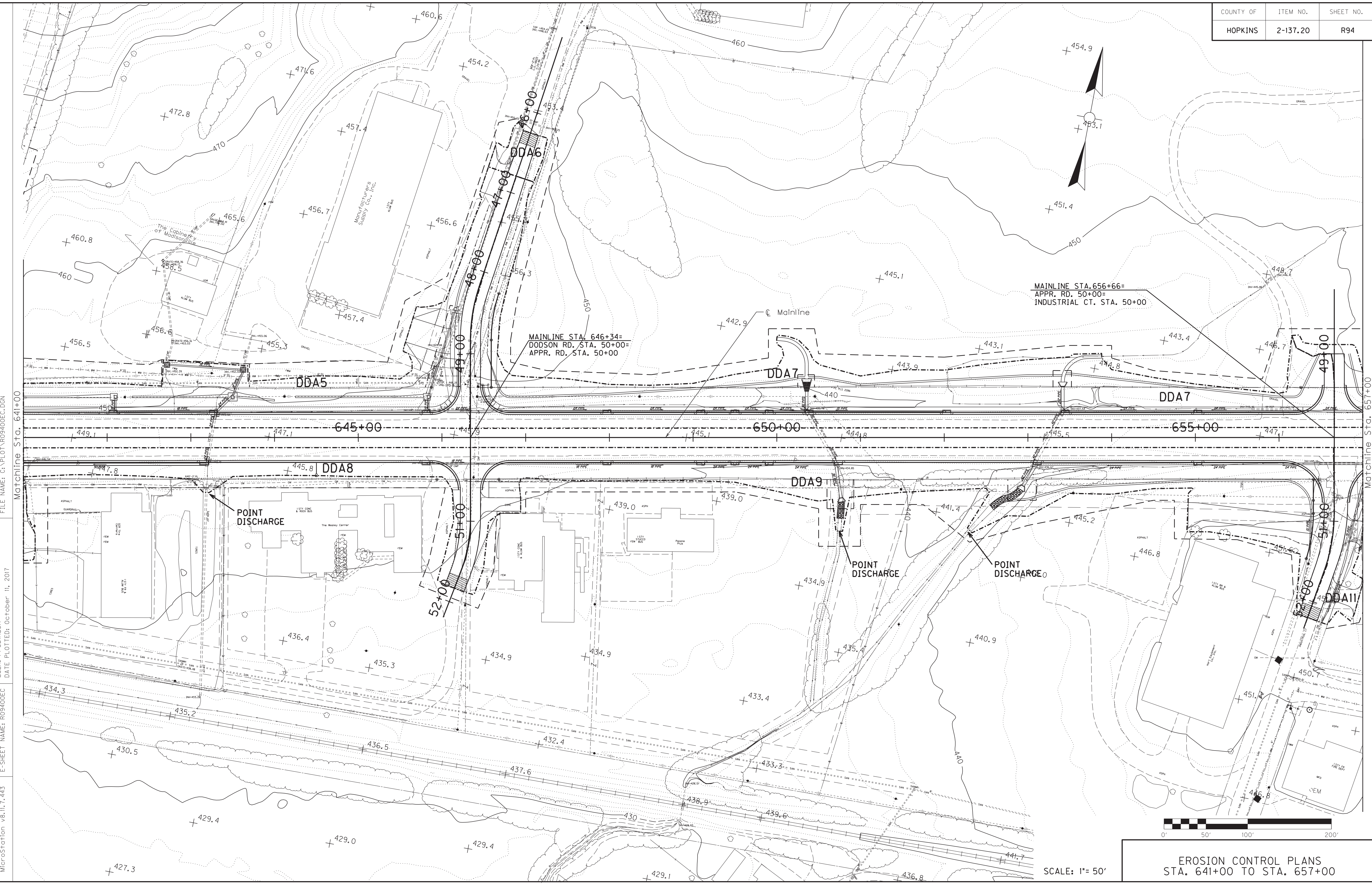
LEGEND

- DDA1 ----- DISTURBED DRAINAGE BOUNDARY
- ~~~~~ OVERLAND SHEET FLOW

FILE NAME: G:\PLOT\R09300EC.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: R09300EC
 MicroStation v8.11.7.443

SCALE: 1" = 50'

EROSION CONTROL PLANS
STA. 637+50 TO STA. 641+00



FILE NAME: G:\PLOT\R0940DEC.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R0940DEC

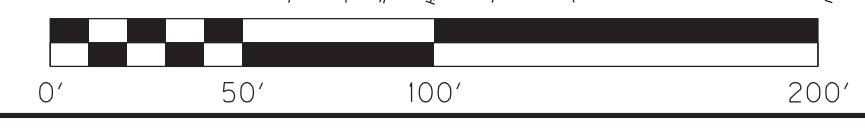
MicroStation v8.11.7.443

Matchline Sta. 641+00

Matchline Sta. 657+00

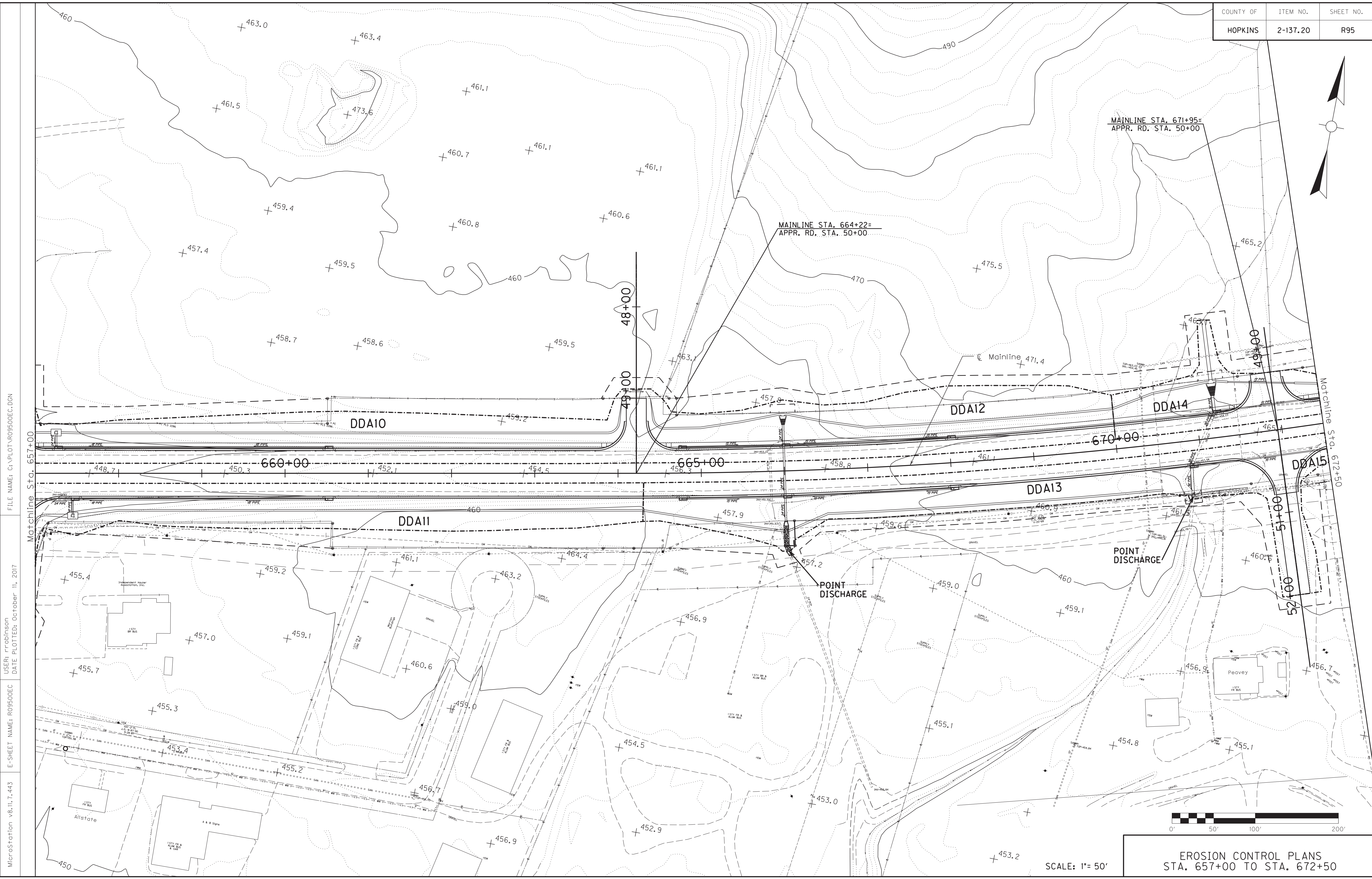
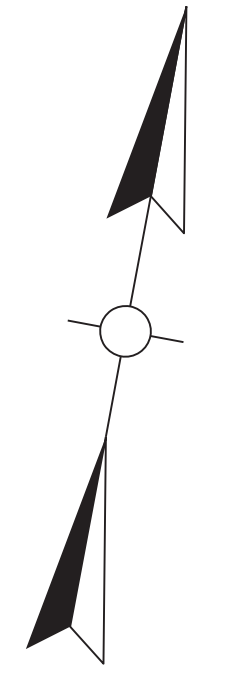
MAINLINE STA. 656+66=
APPR. RD. STA. 50+00=
INDUSTRIAL CT. STA. 50+00

MAINLINE STA. 646+34=
DODSON RD. STA. 50+00=
APPR. RD. STA. 50+00

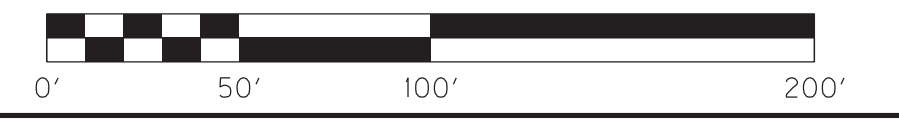


SCALE: 1" = 50'

EROSION CONTROL PLANS
STA. 641+00 TO STA. 657+00



FILE NAME: C:\PLOT\RO950DEC.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RO950DEC
 MicroStation v8.11.7.443



SCALE: 1"= 50'

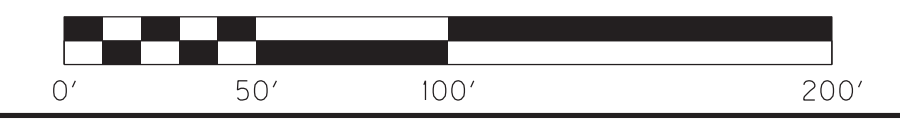
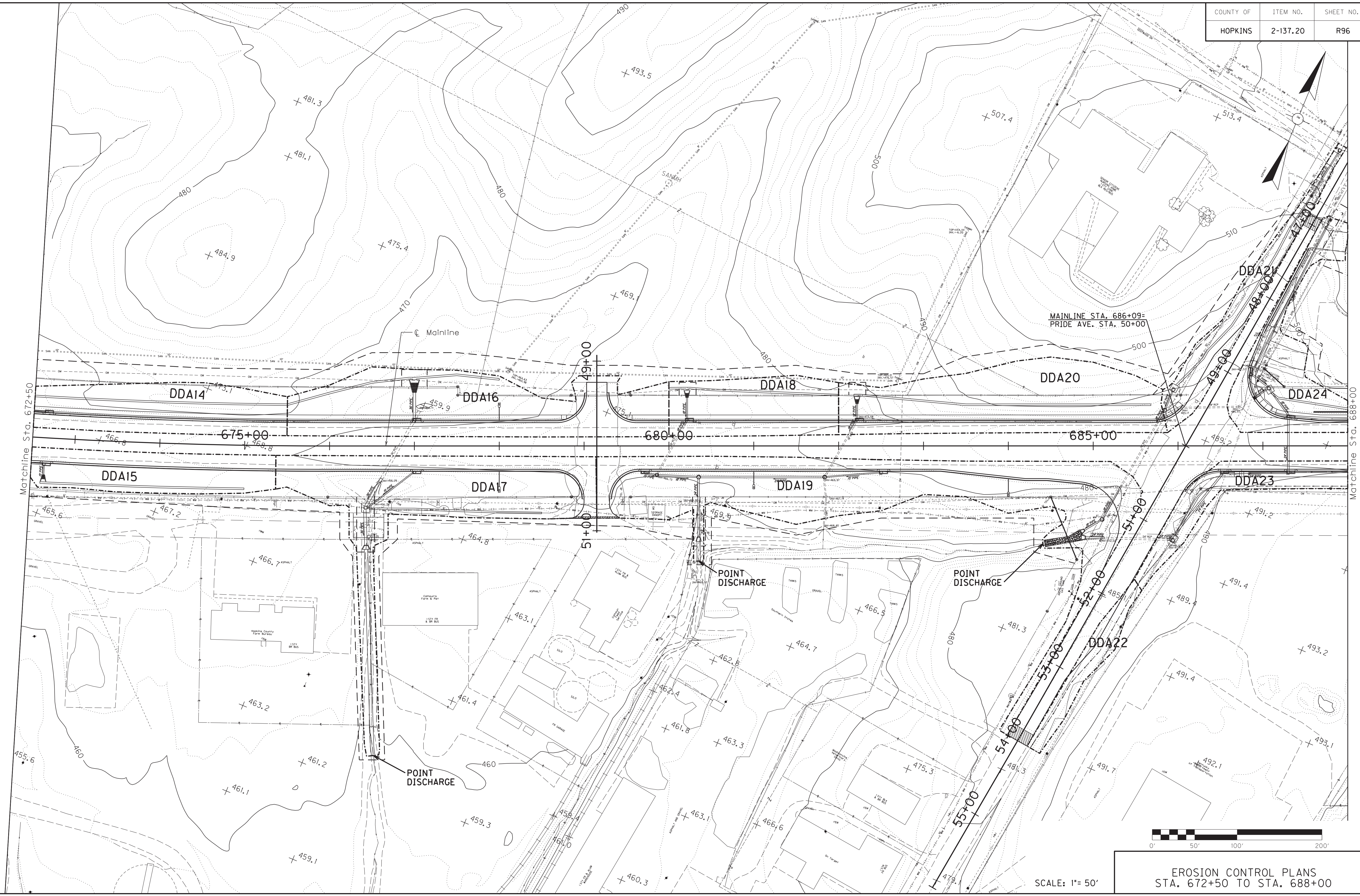
EROSION CONTROL PLANS
 STA. 657+00 TO STA. 672+50

FILE NAME: C:\PLOT\R09600EC.DGN

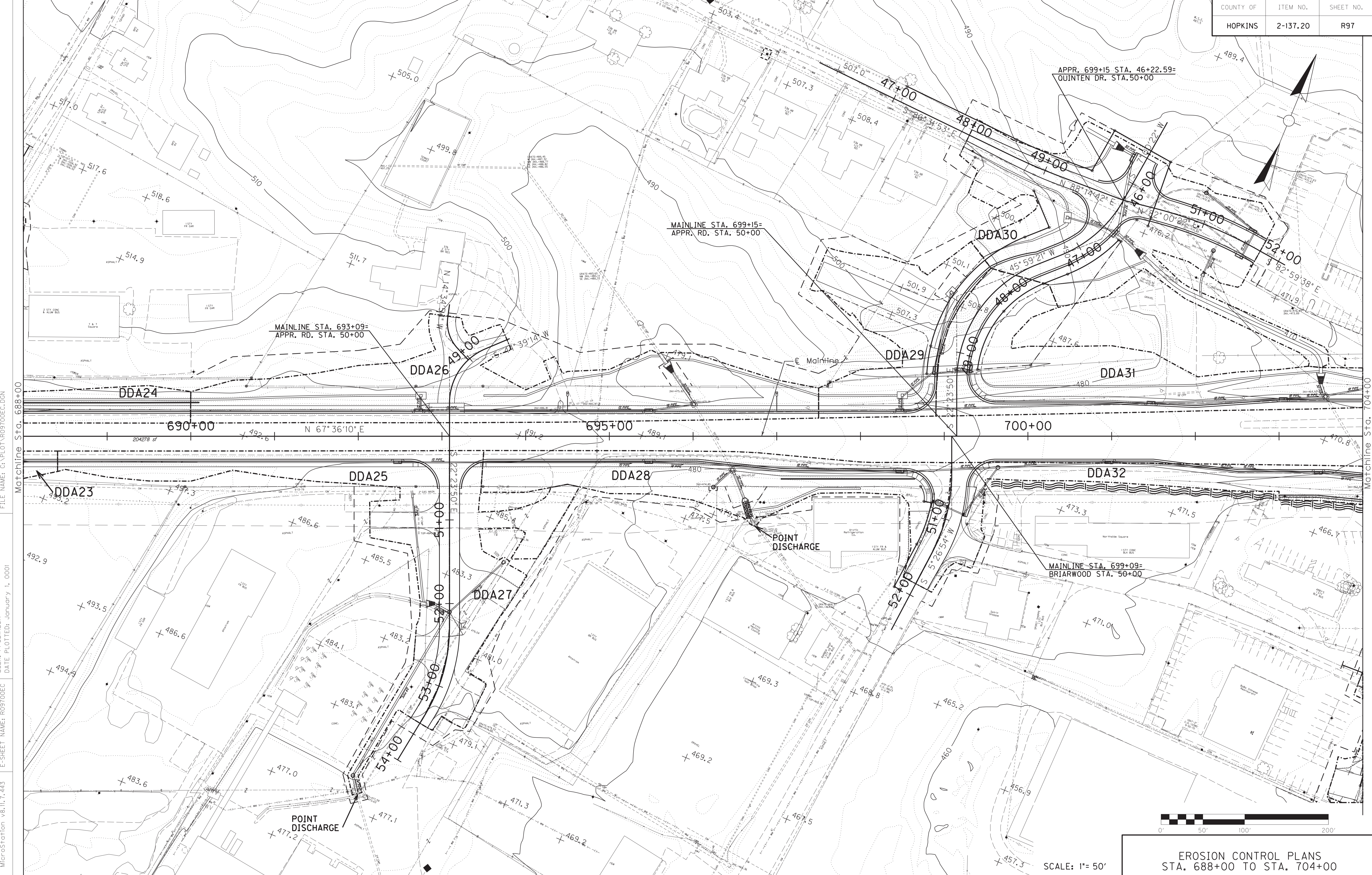
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: R09600EC

MicroStation v8.11.7.443



SCALE: 1" = 50'
EROSION CONTROL PLANS
STA. 672+50 TO STA. 688+00

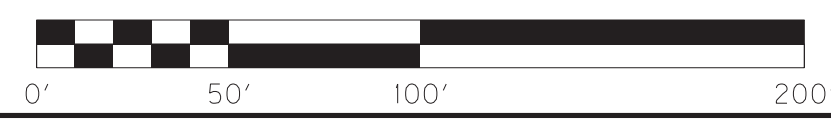


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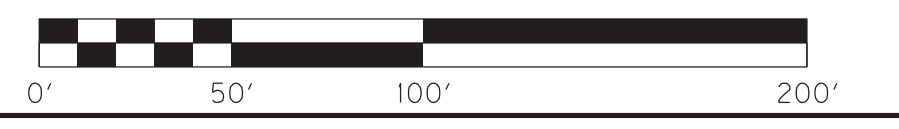
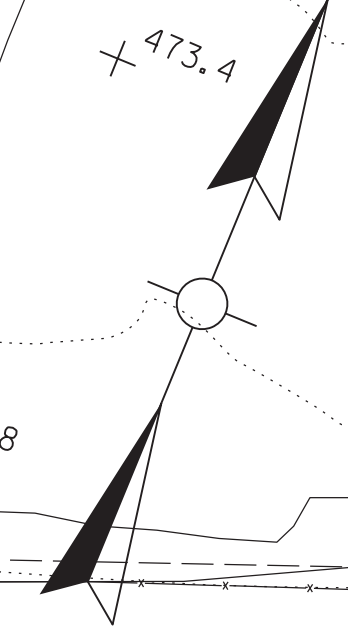
USER: rrobinson
DATE PLOTTED: January 1, 2001

E-SHEET NAME: R0970DEC

MicroStation v8.11.7.443

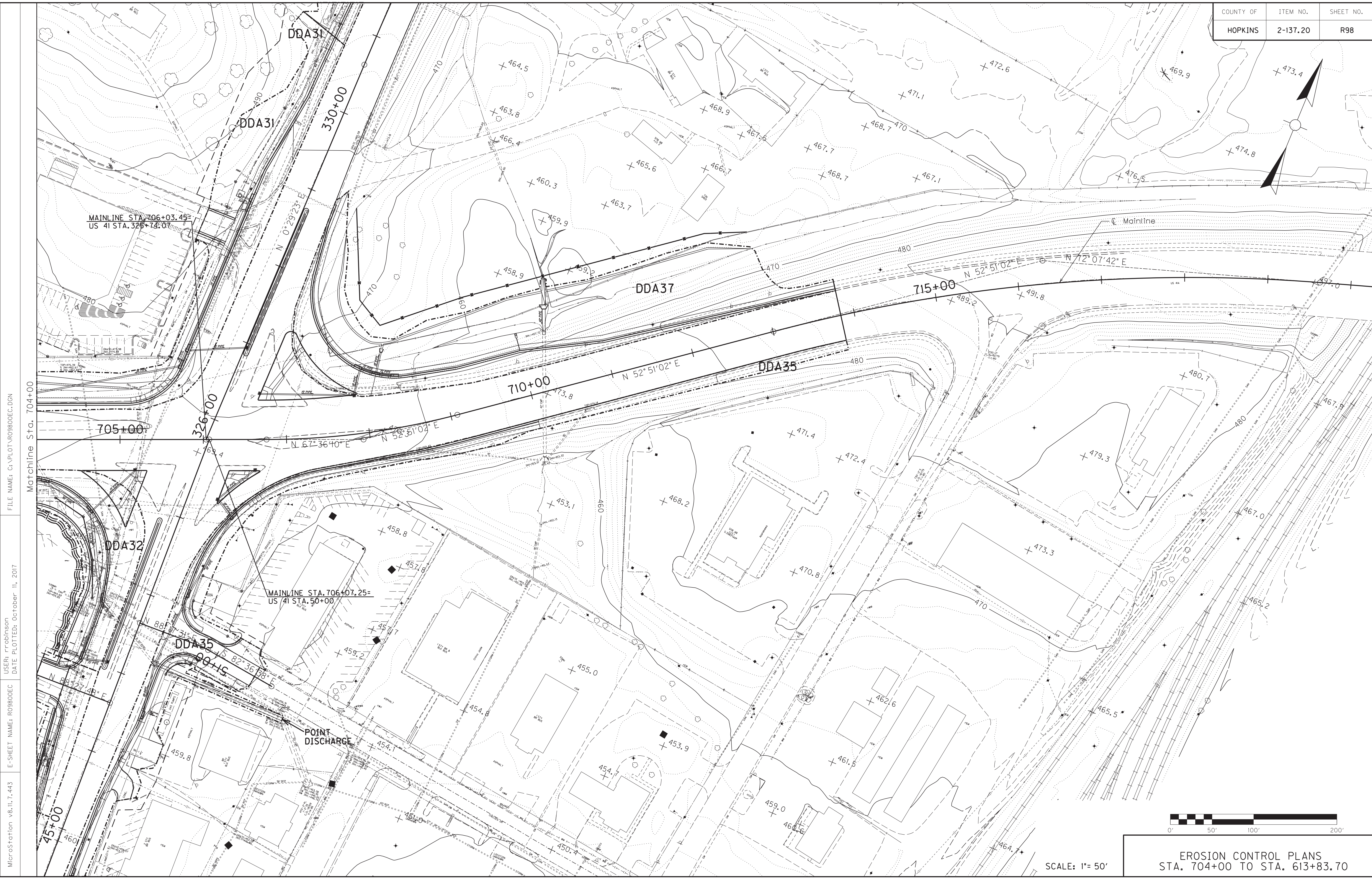

 SCALE: 1" = 50'
EROSION CONTROL PLANS
STA. 688+00 TO STA. 704+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R98



EROSION CONTROL PLANS
STA. 704+00 TO STA. 613+83.70

SCALE: 1" = 50'



FILE NAME: G:\PLOT\RO9800EC.DGN

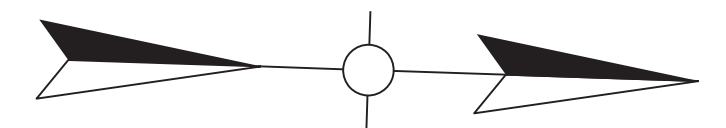
USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RO9800EC

MicroStation v8.11.7.443

Matchline Sta. 704+00

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R100

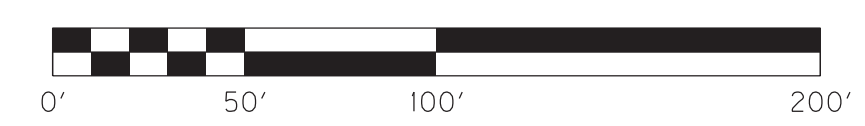
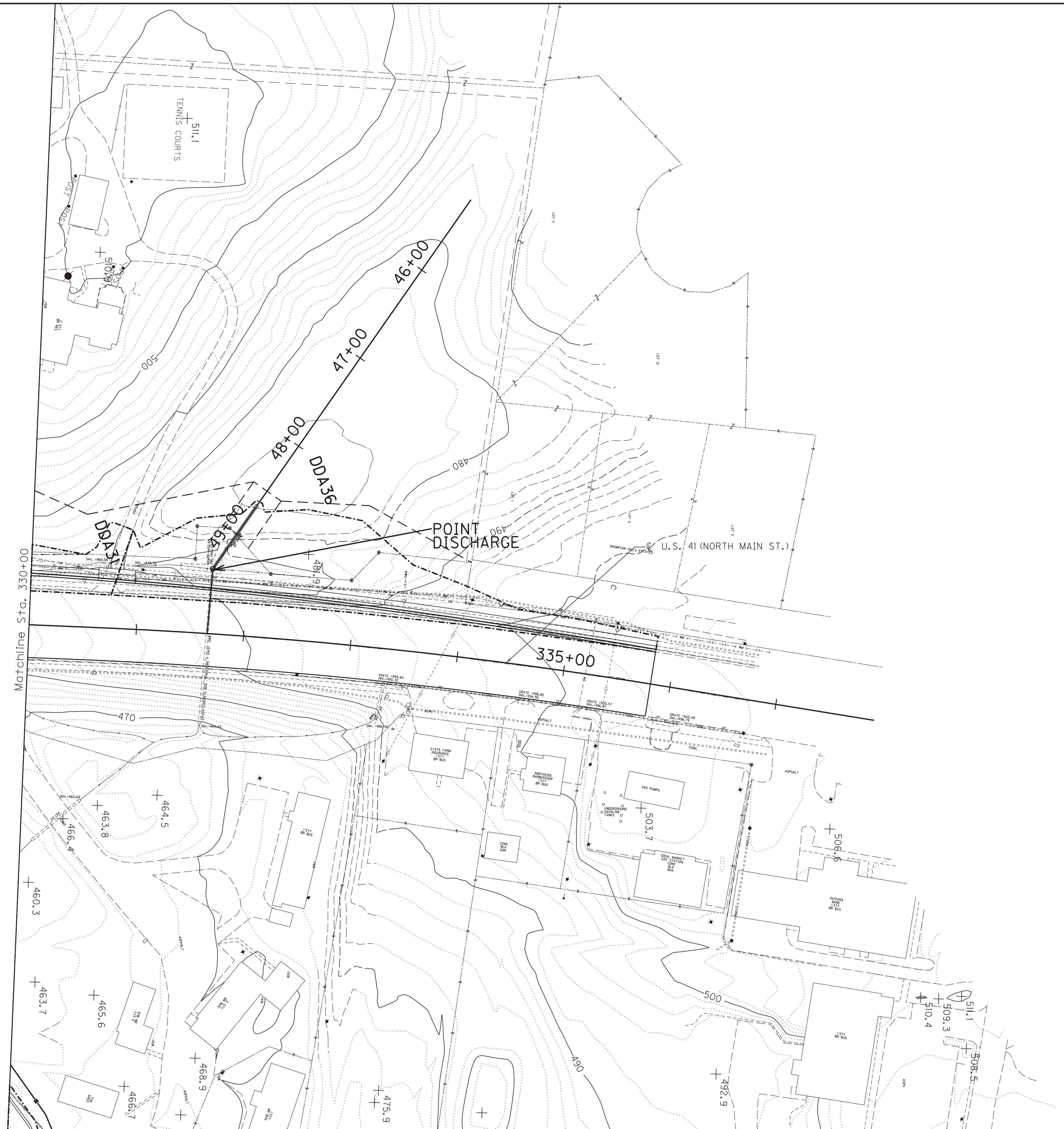


FILE NAME: C:\PLOT\R10000EC.DGN

USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: R10000EC

MicroStation v8.11.7.443



SCALE: 1"= 50'

U.S. 41 (NORTH MAIN ST.)
EROSION CONTROL PLANS
STA. 330+00 TO STA. 335+81.71

COORDINATE CONTROL POINTS

POINT	DESCRIPTION	State Plane Coordinates			STATION and OFFSET
		NORTH (Y)	EAST (X)	ELEV. (Z)	
KTC 05-07-07	Monument	3653379.57	4405221.77	430.90	624 + 22.71, 71.05 Right
KTC 05-07-08	Monument	3653211.79	4405997.08	443.84	631 + 98.35, 39.39 Right
KTC 05-07-09	Monument	3653703.12	4409007.40	462.49	662 + 42.58, 57.91 Right
KTC 05-07-10	Monument	3654484.38	4411293.69	489.31	686 + 54.28, 48.48 Right
KTC 05-07-11	Monument	3655319.43	4413004.77	470.23	705 + 54.46, 71.61 Left
KTC 05-07-12	Monument	3655996.44	4414227.17	498.84	719 + 60.47, 43.33 Left
KTC 05-07-13	Monument	3656158.98	4415067.72	481.46	728 + 10.28, 59.92 Right

U.S. 41A

DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	636 + 41.35	4406439.94	3653281.38
P.C.	664 + 19.04	4409170.19	3653792.51
P.I.	670 + 10.82	4409751.87	3653901.40
P.T.	675 + 98.42	4410299.01	3654126.89
P.C.	706 + 76.02	4413144.45	3655299.54
P.I.	707 + 92.53	4413252.16	3655343.93
P.T.	709 + 07.74	4413345.03	3655414.29
P.C.	713 + 00.42	4413658.01	3655651.42
P.I.	716 + 34.74	4413924.49	3655853.31
P.T.	719 + 62.73	4414242.67	3655955.91
P.O.E.	730 + 05.36	4415234.99	3656275.87

COORDINATE SYSTEM

Coordinates for horizontal control were obtained from GPS methods and adjusted to the National NAD83/FBN System.

Coordinates are based on State Plane Coordinate System Single Zone and in U.S. Survey Feet.

BASIS OF ELEVATIONS

Elevations were derived from GPS methods and are adjusted to the NAVD88 Vertical Datum. Geoid model used was Geoid03.

NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR RUNNING A TRAVERSE TO VERIFY THAT THE CONTROL POINTS HAVE NOT BEEN REPOSITIONED BY VANDALS.

RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	State Plane Coordinates	
				NORTH (Y)	EAST (X)
635+55.28	60.48 Right	1	R/W Monument	3653207.58	4406363.43
635+78.05	59.77 Left	1	R/W Monument	3653329.85	4406368.50
637+35.07	60.00 Left	1	R/W Monument	3653357.60	4406521.01
637+36	60.00 Right	1	R/W Monument	3653239.83	4406544.01
639+75.68	60.00 Right	1	R/W Monument	3653283.93	4406779.60
639+78.83	50.00 Right	1	R/W Monument	3653294.34	4406780.86
639+94	50.00 Right	1	R/W Monument	3653297.13	4406795.76
639+94	60.00 Left	1	R/W Monument	3653405.25	4406775.52
640+09	60.00 Left	1	R/W Monument	3653408.01	4406790.27
640+14	50.00 Right	1	R/W Monument	3653300.81	4406815.43
640+19.08	60.00 Left	1	R/W Monument	3653409.87	4406800.18
640+59	60.00 Left	1	R/W Monument	3653417.21	4406839.42
640+74	60.00 Left	1	R/W Monument	3653419.97	4406854.16
640+74	50.00 Right	1	R/W Monument	3653311.85	4406874.40
640+83.50	50.00 Right	1	R/W Monument	3653313.60	4406883.74
645+87.48	60.00 Left	1	R/W Monument	3653514.46	4407358.87
645+94	50.00 Right	1	R/W Monument	3653407.54	4407385.52
646+58.89	60.00 Left	1	R/W Monument	3653527.60	4407429.06
646+68	50.00 Right	1	R/W Monument	3653421.15	4407458.26
656+26	60.00 Left	1	R/W Monument	3653705.56	4408379.66
656+41	50.00 Right	1	R/W Monument	3653600.20	4408414.64
657+06	60.00 Left	1	R/W Monument	3653720.28	4408458.29
657+10	74.82 Right	1	R/W Monument	3653588.49	4408487.03
657+15.21	60.00 Right	1	R/W Monument	3653604.02	4408489.42
660+51.01	60.00 Left	1	R/W Monument	3653783.76	4408797.41
660+51.01	90.00 Left	1	R/W Monument	3653813.25	4408791.89
660+57.09	60.00 Right	1	R/W Monument	3653666.93	4408825.47
660+57.10	90.00 Right	1	R/W Monument	3653637.45	4408830.99
663+82	90.00 Left	1	R/W Monument	3653874.16	4409117.23
663+82	90.00 Right	1	R/W Monument	3653697.23	4409150.35
664+19.04	90.00 Right	1	R/W Monument	3653704.05	4409186.75
664+62	90.00 Left	1	R/W Monument	3653888.91	4409195.17
664+62	90.00 Right	1	R/W Monument	3653712.24	4409229.62
664+71.02	90.00 Left	1	R/W Monument	3653890.62	4409203.88
664+71.02	70.00 Left	1	R/W Monument	3653870.99	4409207.73
665+98.15	90.00 Right	1	R/W Monument	3653740.31	4409365.02
666+10	90.00 Right	1	R/W Monument	3653742.91	4409376.77
666+10	60.00 Right	1	R/W Monument	3653772.20	4409370.27
671+55	70.00 Left	1	R/W Monument	3654040.55	4409861.32
671+55	60.00 Right	1	R/W Monument	3653916.88	4409901.42

RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	State Plane Coordinates	
				NORTH (Y)	EAST (X)
672+35	70.00 Left	1	R/W Monument	3654065.44	4409936.32
672+35	60.00 Right	1	R/W Monument	3653942.35	4409978.14
675+97.94	70.00 Left	1	R/W Monument	3654191.43	4410271.89
675+97.94	60.00 Right	1	R/W Monument	3654071.23	4410321.42
677+51.14	70.00 Left	1	R/W Monument	3654249.80	4410413.54
677+51.14	60.00 Left	1	R/W Monument	3654240.55	4410417.35
678+85	60.00 Left	1	R/W Monument	3654291.56	4410541.11
678+85	60.00 Right	1	R/W Monument	3654180.61	4410586.83
679+55	60.00 Left	1	R/W Monument	3654318.23	4410605.83
679+55	60.00 Right	1	R/W Monument	3654207.28	4410651.55
684+50	60.00 Right	1	R/W Monument	3654395.89	4411109.21
686+03.19	60.00 Left	1	R/W Monument	3654565.21	4411205.12
686+26.68	50.00 Right	1	R/W Monument	3654472.46	4411268.75
687+25	70.00 Left	1	R/W Monument	3654620.87	4411313.93
687+80.02	50.00 Right	1	R/W Monument	3654530.88	4411410.53
689+93	60.00 Right	1	R/W Monument	3654602.79	4411611.25
690+66.33	60.00 Left	1	R/W Monument	3654741.68	4411633.32
690+72.44	70.00 Left	1	R/W Monument	3654753.25	4411635.16
692+69	60.00 Left	1	R/W Monument	3654818.90	4411820.71
692+69	60.00 Right	1	R/W Monument	3654707.95	4411866.43
693+49	60.00 Left	1	R/W Monument	3654849.38	4411894.67
693+49	60.00 Right	1	R/W Monument	3654738.43	4411940.39
697+60.63	60.00 Left	1	R/W Monument	3655006.22	4412275.25
697+63.86	65.00 Left	1	R/W Monument	3655012.08	4412276.33
698+71.88	60.00 Right	1	R/W Monument	3654937.66	4412423.83
698+79.24	74.63 Left	1	R/W Monument	3655064.95	4412379.34
699+39.84	79.69 Left	1	R/W Monument	3655092.72	4412433.44
699+47.92	70.00 Right	1	R/W Monument	3654957.39	4412497.94
700+03.38	85.00 Left	1	R/W Monument	3655121.83	4412490.17
704+22.75	70.00 Right	1	R/W Monument	3655138.32	4412936.95
704+12.95	100.00 Left	1	R/W Monument	3655291.76	4412863.12
704+55.86	92.78 Right	1	R/W Monument	3655129.87	4412976.25
705+59.51	100.00 Left	1	R/W Monument	3655347.60	4412998.62

COORDINATE CONTROL SHEET
AND R/W MONUMENTS

SCALE: 1"= 1'

FILE NAME: G:\PLOT\RI0100CC.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RI0100CC

MicroStation v8.11.7.443

RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	State Plane Coordinates	
				NORTH (Y)	EAST (X)
APPR. 640+34					
48+00	25.00 Right	1	R/W Monument	3653551.19	4406772.36
48+00	25.00 Left	1	R/W Monument	3653551.31	4406822.36
48+91.36	25.00 Right	1	R/W Monument	3653455.82	4406781.32
48+91.36	25.00 Left	1	R/W Monument	3653465.02	4406830.47
51+40	20.00 Right	1A	R/W Monument	3653212.34	4406831.99
51+40	29.40 Left	1A	R/W Monument	3653221.43	4406880.54
DODSON LN.					
48+18.74	24.89 Left	1	R/W Monument	3653639.58	4407417.35
48+83.45	24.89 Left	1	R/W Monument	3653583.18	4407418.66
49+03.26	34.00 Right	1	R/W Monument	3653552.88	4407364.41
INDUSTRIAL CT.					
50+74.82	44.00 Left	1	R/W Monument	3653588.49	4408487.03
50+75	25.00 Right	1	R/W Monument	3653575.62	4408419.24
50+90.65	25.00 Right	1A	R/W Monument	3653560.24	4408422.12
51+53.30	25.00 Right	1	R/W Monument	3653505.67	4408423.68
PRIDE AVE.					
48+00	34.68 Right	1	R/W Monument	3654714.74	4411224.53
48+70	35.26 Left	1	R/W Monument	3654636.37	4411284.94
48+75	35.26 Left	1	R/W Monument	3654631.41	4411284.30
51+80	45.15 Right	1	R/W Monument	3654339.13	4411165.71
52+50	45.29 Right	1	R/W Monument	3654269.72	4411156.69
52+50	39.71 Left	1	R/W Monument	3654258.92	4411241.00
QUINTEN DR.					
47+07.79	20.00 Left	1	R/W Monument	3655373.47	4412226.91
48+17.78	20.70 Right	1	R/W Monument	3655326.19	4412334.23
48+53.38	20.00 Left	1	R/W Monument	3655364.66	4412372.23
48+96.73	27.38 Right	1	R/W Monument	3655315.94	4412414.26
49+21.76	20.00 Left	1	R/W Monument	3655363.66	4412438.76

RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	State Plane Coordinates	
				NORTH (Y)	EAST (X)
APPR. 699+15					
45+55.00	50.00 Right	1	R/W Monument	3655419.26	4412476.19
45+55.00	26.60 Left	1	R/W Monument	3655409.91	4412552.22
46+10.00	50.00 Right	1	R/W Monument	3655364.66	4412469.49
46+23.98	38.76 Left	1	R/W Monument	3655339.61	4412555.83
46+32.27	41.00 Left	1	R/W Monument	3655328.90	4412556.38
46+33.15	25.77 Left	1	R/W Monument	3655330.71	4412541.22
46+60.32	27.17 Left	1	R/W Monument	3655299.67	4412533.63
46+60.99	24.00 Left	1	R/W Monument	3655300.11	4412530.40
47+24.00	24.00 Left	1	R/W Monument	3655239.22	4412489.59
47+24.65	36.00 Right	1	R/W Monument	3655282.38	4412447.90
47+55.84	24.00 Left	1	R/W Monument	3655217.55	4412467.16
47+55.84	36.00 Right	1	R/W Monument	3655260.71	4412425.47
48+25.00	24.00 Left	1	R/W Monument	3655169.14	4412435.98
49+00.00	36.00 Right	1A	R/W Monument	3655097.59	4412371.03
BRIARWOOD DR.					
50+83.77	30.00 Right	1	R/W Monument	3654922.74	4412434.28
50+83.77	21.00 Right	1	R/W Monument	3654924.51	4412443.10
50+98.52	26.33 Left	1	R/W Monument	3654917.35	4412492.18
51+42.41	21.00 Right	1	R/W Monument	3654872.28	4412445.79
52+00	21.00 Right	1	R/W Monument	3654814.95	4412440.32
52+00	14.24 Right	1	R/W Monument	3654814.31	4412447.05
MAIN ST. (North Section)					
327+50	82.68 Left	1	R/W Monument	3655448.52	4412996.18
328+41.50	85.68 Left	1	R/W Monument	3655540.04	4412993.96
328+73.31	87.87 Left	1	R/W Monument	3655571.87	4412992.04
329+77.96	67.97 Left	1	R/W Monument	3655676.34	4413012.84
331+50.89	68.80 Left	1	R/W Monument	3655850.65	4413014.40
331+50.81	99.21 Left	1	R/W Monument	3655851.43	4412984.00
331+80.60	99.32 Left	1	R/W Monument	3655881.89	4412984.86
332+21.01	59.54 Left	1	R/W Monument	3655921.41	4413026.26
332+95.47	60.20 Left	1	R/W Monument	3655996.81	4413029.62
333+17.79	88.49 Left	1	R/W Monument	3656021.28	4413002.85
MAIN ST. (South Section)					
42+00	48.94 Left	1	R/W Monument	3654472.23	4413055.78
42+00	51.06 Right	1	R/W Monument	3654475.21	4413155.74
42+91.31	80.98 Right	1	R/W Monument	3654567.37	4413182.92

RIGHT OF WAY MONUMENT POINTS

STATION	OFFSET	TYPE	DESCRIPTION	State Plane Coordinates	
				NORTH (Y)	EAST (X)
42+91.40	50.97 Right	1	R/W Monument	3654566.56	4413152.93
43+31.31	80.94 Right	1	R/W Monument	3654607.35	4413181.69
43+31.40	50.94 Right	1	R/W Monument	3654606.54	4413151.71
45+35	49.24 Left	1	R/W Monument	3654807.07	4413045.50
46+50	59.50 Left	1	R/W Monument	3654921.71	4413031.82
46+85.33	64.38 Left	1	R/W Monument	3654956.89	4413025.89
46+85.46	60.50 Left	1	R/W Monument	3654957.12	4413029.76
47+17.64	50.59 Right	1	R/W Monument	3654992.60	4413139.85
47+72.27	64.46 Left	1	R/W Monument	3655043.78	4413023.22
48+12.04	50.51 Right	1	R/W Monument	3655086.96	4413136.95
48+15.12	79.89 Left	1	R/W Monument	3655086.15	4413006.52
48+43.24	100.60 Right	1	R/W Monument	3655119.64	4413186.08
48+44.29	50.46 Right	1	R/W Monument	3655119.19	4413135.94
CHELSEA DR.					
50+59.73	30.01 Left	1	R/W Monument	3655069.34	4413146.70
50+74.89	23.14 Right	1	R/W Monument	3655016.62	4413162.81
50+74.91	25.48 Right	1	R/W Monument	3655014.27	4413162.83
51+00	26.00 Left	1	R/W Monument	3655063.17	4413191.07

FILE NAME: G:\PLOT\RI0200CC.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RI0200CC

MicroStation v8.11.7.443

COORDINATE CONTROL SHEET
AND R/W MONUMENTS

SCALE: 1" = 1'

APPR. 640 + 34			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	46 + 13.09	4406818.03	3653736.85
P.C.	47 + 30.40	4406802.03	3653620.63
P.I.	48 + 11.58	4406790.96	3653540.21
P.T.	48 + 91.36	4406805.89	3653460.42
P.I.	50 + 00.00	4406825.88	3653353.64
P.O.E.	51 + 86.38	4406860.18	3653170.43

APPR. 656 + 66			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	48 + 22.78	4408397.41	3653828.14
P.O.E.	50 + 00.00	4408430.02	3653653.94

APPR. 671 + 95			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	48 + 75.71	4409881.76	3654104.39
P.I.	50 + 00.00	4409920.92	3653986.43
P.O.E.	52 + 88.15	4410011.70	3653712.95

DODSON LN.			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	45 + 04.51	4407435.43	3653954.33
P.I.	46 + 57.75	4407414.92	3653802.46
P.C.	48 + 18.74	4407392.69	3653643.02
P.I.	48 + 51.38	4407388.19	3653610.69
P.T.	48 + 83.45	4407394.19	3653578.60
P.O.E.	50 + 00.00	4407415.64	3653464.04

INDUSTRIAL CT.			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4408430.02	3653653.94
P.C.	50 + 90.65	4408446.70	3653564.84
P.I.	51 + 25.13	4408453.04	3653530.95
P.T.	51 + 58.94	4408447.67	3653496.89
P.O.E.	52 + 33.76	4408436.02	3653422.99

APPR. 679 + 15			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	48 + 92.68	4410550.82	3654346.74
P.O.E.	51 + 02.09	4410630.61	3654153.13

APPR. 646 + 34			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4407415.64	3653464.04
P.C.	50 + 95.67	4407433.24	3653370.01
P.I.	50 + 30.89	4407439.73	3653335.39
P.T.	51 + 65.31	4407433.23	3653300.76
P.O.E.	52 + 20.12	4407423.13	3653246.89

APPR. 664 + 22			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	47 + 34.03	4409124.03	3654054.45
P.O.E.	50 + 00.00	4409173.10	3653793.06

PRIDE AVE.			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	46 + 00.00	4411284.49	3654908.66
P.I.	50 + 00.00	4411233.35	3654511.95
P.O.E.	54 + 03.26	4411182.15	3654111.94

FILE NAME: G:\PLOT\RI0300CC.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

E-SHEET NAME: RI0300CC

MicroStation v8.11.7.443

SCALE: 1"= 1'

COORDINATE CONTROL
SHEET SUMMARIES

APPR. 693 + 09			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4411880.55	3654778.67
P.C.	52 + 28.67	4411967.68	3654567.25
P.I.	52 + 84.59	4411988.99	3654515.55
P.T.	53 + 37.72	4411980.39	3654460.30
P.O.E.	55 + 00.00	4411955.44	3654299.94

WALGREENS APPROACH			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4412517.58	3655346.07
P.C.	50 + 39.65	4412556.84	3655351.58
P.I.	51 + 05.48	4412622.03	3655360.74
P.T.	51 + 70.55	4412687.36	3655352.71
P.O.E.	52 + 09.13	4412725.66	3655348.00

CHELSEA DRIVE			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4413087.89	3655037.56
P.C.	50 + 72.19	4413160.05	3655039.71
P.I.	50 + 80.15	4413168.00	3655039.95
P.T.	50 + 88.07	4413175.89	3655038.93
P.O.E.	51 + 75.78	4413262.87	3655027.65

APPR. 699 + 15			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	45 + 15.60	4412530.63	3655452.26
P.C.	46 + 22.59	4412517.58	3655346.07
P.I.	46 + 75.69	4412511.10	3655293.37
P.T.	47 + 24.65	4412472.92	3655256.48
P.C.	47 + 55.84	4412450.48	3655234.81
P.I.	48 + 57.75	4412377.19	3655164.01
P.T.	49 + 34.87	4412416.02	3655069.78
P.O.E.	50 + 00.00	4412440.83	3655009.57

BRIARWOOD			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	50 + 00.00	4412435.29	3655007.28
P.C.	50 + 45.21	4412452.51	3654965.48
P.I.	50 + 94.79	4412471.40	3654919.65
P.T.	51 + 42.41	4412466.70	3654870.29
P.O.E.	52 + 47.50	4412456.72	3654765.67

APPR. 46 + 62 OFF NORTH MAIN			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	48 + 79.65	4412970.63	3654932.26
P.O.E.	50 + 00.00	4413090.94	3654935.48

U.S. 41 (NORTH MAIN ST.)			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	40 + 12.84	4413110.28	3654286.61
P.O.E.	50 + 00.00	4413080.86	3655273.33

QUINTEN DR.			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	46 + 00.93	4412119.03	3655359.97
P.C.	48 + 53.38	4412371.02	3655344.69
P.I.	48 + 87.60	4412405.18	3655342.62
P.T.	49 + 21.76	4412439.37	3655343.67
P.O.E.	50 + 00.00	4412517.58	3655346.07

U.S. 41 (NORTH MAIN ST.)			
DESC.	STATION	Project Coordinates	
		EAST (X)	NORTH (Y)
P.O.B.	325 + 74.07	4413077.35	3655271.88
P.C.	330 + 62.85	4413081.53	3655760.64
P.I.	333 + 22.58	4413083.75	3656020.37
P.T.	335 + 81.71	4413116.73	3656278.01
P.O.E.	337 + 92.65	4413143.52	3656487.24

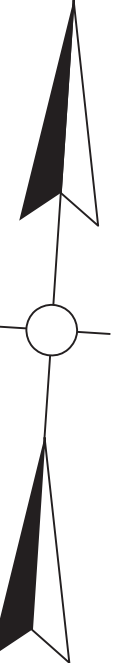
FILE NAME: G:\PLOT\RI0400CC.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

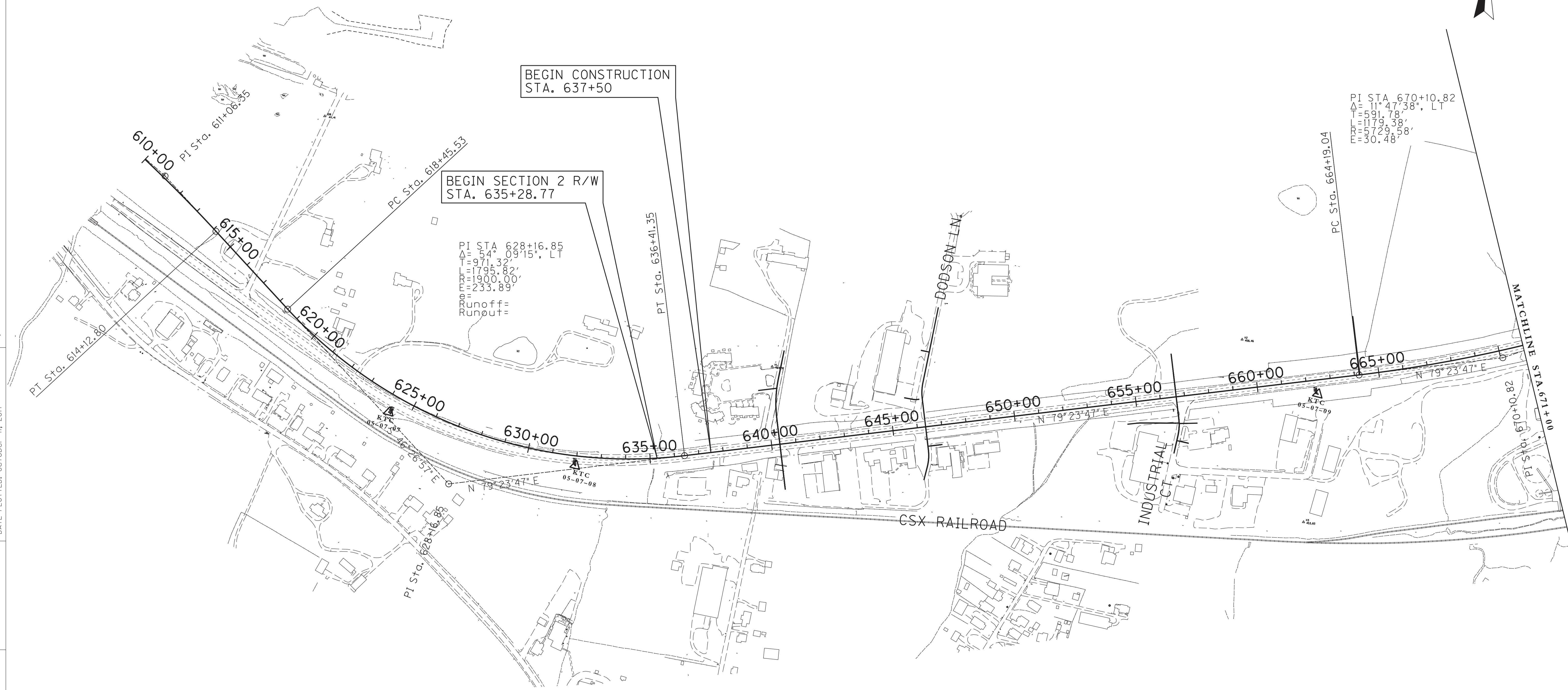
E-SHEET NAME: RI0400CC

MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI05



MicroStation v8.11.7.443
 E-SHEET NAME: RI0500CC
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\RI0500CC.DGN



BEGIN SECTION 2 R/W
 STA. 635+28.77

BEGIN CONSTRUCTION
 STA. 637+50

PI STA 628+16.85
 $\Delta = 54^\circ 09' 15''$, LT
 $T = 971.32'$
 $L = 1795.82'$
 $R = 1900.00'$
 $E = 233.89'$
 Runoff=
 Runout=

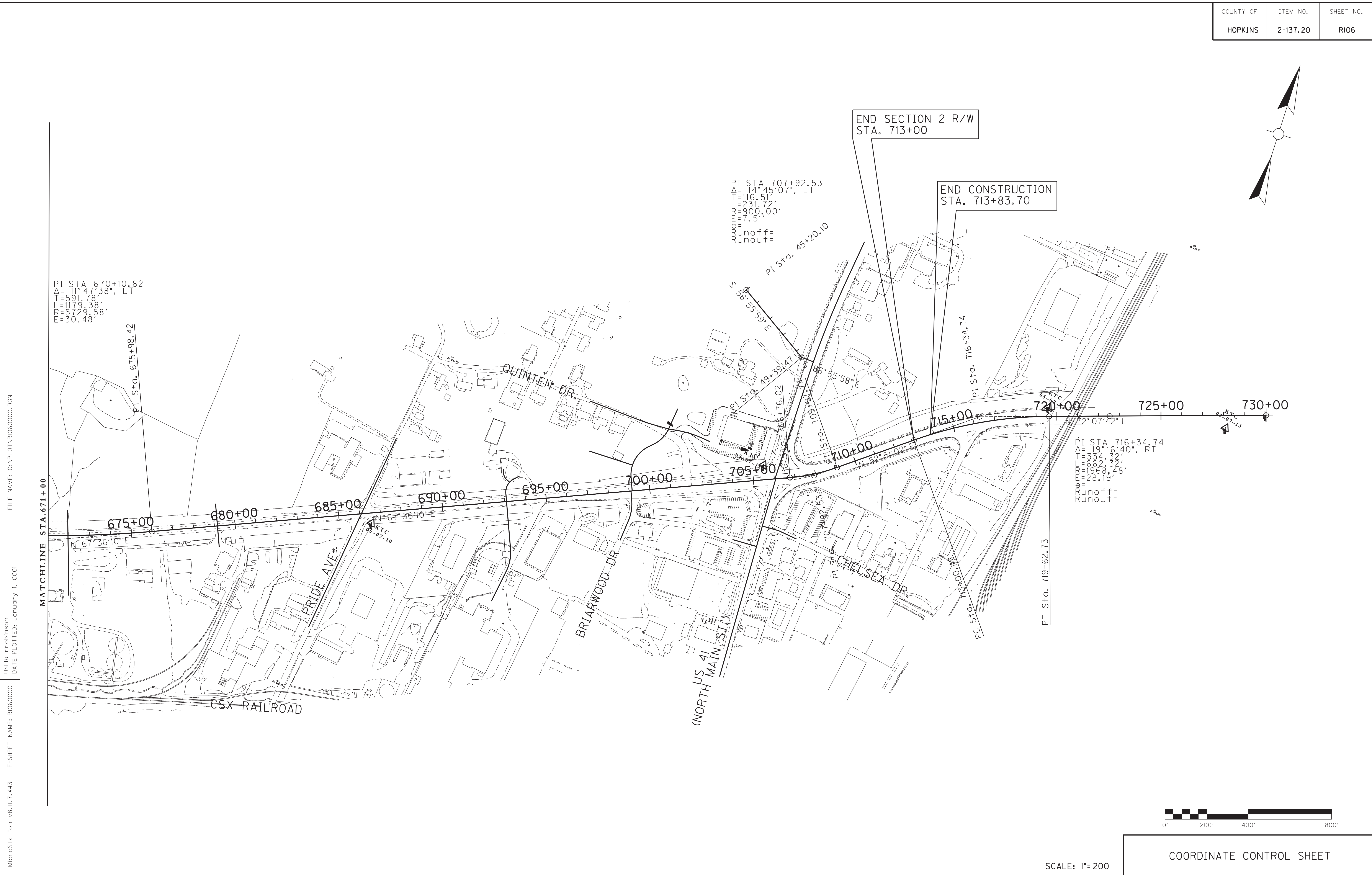
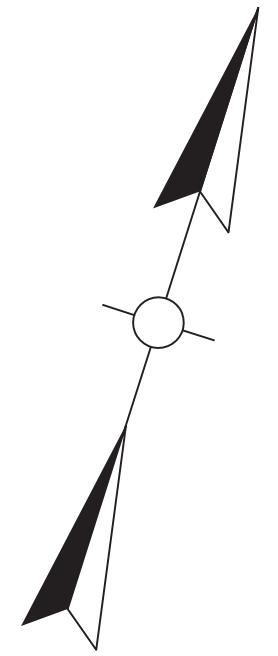
PI STA 670+10.82
 $\Delta = 11^\circ 47' 38''$, LT
 $T = 591.78'$
 $L = 1179.38'$
 $R = 5729.58'$
 $E = 30.48'$



SCALE: 1"=200

COORDINATE CONTROL SHEET

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI06



USER: rrobinson
DATE PLOTTED: January 1, 0001

E-SHEET NAME: RI0600CC

MicroStation v8.11.7.443



COORDINATE CONTROL SHEET

SCALE: 1"=200

GEOTECHNICAL SYMBOLS

COUNTY OF	ITEM NO.	SHEET NO.
HOOPKINS	2-137.20	RI07

AASHTO Classification of Soils and Soil-Aggregate Mixtures

General Classification	Granular Materials (35% or less passing 0.075 mm)							Silt-Clay Materials (More than 35% passing 0.075 mm)			
	A-1		A-3	A-2				A-4	A-5	A-6	A-7
	A-1-a	A-1-b		A-2-4	A-2-5	A-2-6	A-2-7				
Sieve Analysis, Percent Passing											
2.00 mm (No. 10)	50 max	---	---	---	---	---	---	---	---	---	---
0.425 mm (No. 40)	30 max	50 max	51 min	---	---	---	---	---	---	---	---
0.075 mm (No. 200)	15 max	25 max	10 max	35 max	35 max	35 max	35 max	36 min	36 min	36 min	36 min
Characteristics of Fraction Passing 0.425 mm (No. 40)											
Liquid Limit	---	---	---	40 max	41 min	40 max	41 min	40 max	41 min	40 max	41 min
Plasticity Index	6 max		N.P.	10 max	10 max	11 min	11 min	10 max	10 max	11 min	11 min

- AI Activity Index
- LI Liquidity Index
- S+C Silt + Clay (% finer than No.200 Sieve)
- Rockline Soundings
- ⊕ Disturbed Sample Boring
- ⊙ Undisturbed Sample Boring
- ⊙ Undisturbed Sample Boring & Rock Core
- Rock Core
- ⊙ Slope inclinometer Installation
- typical applications: ⊙ ⊕ ⊙ ⊙ ●
- OW Observation Well
- ➔ Approximate Footing Elevation
- ▼ (Date) Water Elevation

- VS (psf) Field Vane Shear Strength
- Thin-walled Tube Sample
- < Standard Penetration Test Sample
- N Penetration Resistance
- Qu (psf) Unconfined Compressive Strength
- UU (psf) Unconsolidated Undrained Triaxial Strength
- w% Moisture Content
- KY RQD Rock Quality Designation (Kentucky Method)
- STD RQD Rock Quality Designation (Standard Method)
- SDI(JS) Slake Durability Index (Jar Slake Test)
- REC Core Recovery
- ∅ Angle of Internal Friction (Total Stress)
- ∅̄ Angle of Internal Friction (Effective Stress)
- c (psf) Cohesion (Total Stress)
- c̄ (psf) Cohesion (Effective Stress)
- γ (pcf) Total Unit Weight
- RDZ Rock Disintegration Zone
- OB Overburden Bench
- IB Intermediate Bench
- R Refusal
- NR Refusal Not Encountered

Unified Soil Classifications

MAJOR DIVISIONS	SYMBOL	NAME
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GW Well-graded gravels or gravel-sand mixtures, little or no fines.
		GP Poorly graded gravels or gravel-sand mixtures, little or no fines.
		GM Silty gravels, gravel-sand-silt mixtures.
		GC Clayey gravels, gravel-sand-clay mixtures.
	SAND AND SANDY SOILS	SW Well graded sands or gravelly sands, little or no fines.
		SP Poorly graded sands or gravelly sands, little or no fines.
		SM Silty sands, sand-silt mixtures.
SC Clayey sands, sand-clay mixtures.		
FINE GRAINED SOILS	SILTS AND CLAYS LL IS LESS THAN 50	ML Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
		CL Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
		ML-CL Silty clay-silty clay with sand and or gravel, sandy silty clay, sandy silty clay with gravel, gravelly silty clay, gravelly silty clay with sand
	SILTS AND CLAYS LL IS GREATER THAN 50	MH Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
		CH Inorganic clays of high plasticity, fat clays.

Unified Soil Classifications - Continued

MAJOR DIVISIONS	SYMBOL	NAME
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	GP-GC Poorly graded gravel with clay (or silty clay), poorly graded gravel with clay and sand (or silty clay & sand)
		GP-GM Poorly graded gravel with silt, poorly graded gravel with silt and sand
		GW-GC Well graded gravel with clay (or silty clay), well graded gravel with clay and sand (or silty clay and sand)
		GW-GM Well graded gravel with silt, well graded gravel with silt and sand
		GC-GM Silty clayey gravel, silty clayey gravel with sand
	SAND AND SANDY SOILS	SW-SC Well graded sand with clay (or silty clay), well graded sand with clay and gravel (or silty clay & gravel)
		SP-SC Poorly graded sand with clay (or silty clay), poorly graded sand with clay and gravel (or silty clay and gravel)
		SP-SM Poorly graded sand with silt, poorly graded sand with silt and gravel
		SC-SM Silty clayey sand, silty clayey sand with gravel
		SW-SM Well graded sand with silt, well graded sand with silt and gravel
UNCLASSIFIED MATERIAL	OH Organic (High Plasticity)	
	OL Organic (Low Plasticity)	

- LIMESTONE
- SANDSTONE
- DURABLE SHALE (SDI ≥ 95)
- NONDURABLE SHALE (SDI < 95)
- GRANULAR EMBANKMENT
- STRUCTURE GRANULAR BACKFILL
- TALUS, MINE WASTE, FILL MATERIAL, BOULDERS, & ETC.
- COAL
- DOLOMITE
- LIMESTONE (ARGILLACEOUS)
- SLOPE PROTECTION

GEOTECHNICAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R108

1.) In accordance with Section 206 of the current Standard Specifications, the moisture content of embankment material shall not vary from the optimum moisture content as determined by the current version of KM 64-511 by more than +2 percent or less than -2 percent. This moisture content requirement shall have equal weight with the density requirement when determining the acceptability of embankment construction. Refer to the Family of Curves for moisture/density correlation.

2.) All soils, whether from roadway or borrow, may require manipulation to obtain proper moisture content prior to compaction. Direct payment shall not be permitted for rehandling, hauling, stockpiling, and/or manipulating soils.

3.) Excavation of surface ditches and channel changes adjacent to embankment areas shall be performed prior to the placement of the adjacent embankments. The material excavated for the channel changes and surface ditches is suitable for embankment construction if dried to proper moisture content in accordance with Section 206 of the Standard Specifications.

4.) The Contractor is responsible for conducting any operations necessary to excavate the cut areas to the required typical section. These operations shall be incidental to Roadway Excavation or Embankment-in-Place and no additional compensation shall be made for this work.

5.) Where shale bedrock is encountered at the top of subgrade in the cuts, the roadbed shall be undercut one (1) foot below the proposed grade and the limits of the roadbed excavation shall be extended to the ditchlines. The refill shall consist of soil and shall be constructed as specified in Section 204 of the Standard Specifications for Road and Bridge Construction, current edition. Shale cannot be used in the top one foot of the subgrade. For Roadway Excavation projects, the excavation of the shale material shall be paid at the applicable unit bid price (Common Excavation or Rock Excavation) and the placement of soil refill shall be incidental. For Embankment-In-Place projects, the placement soil refill shall be paid at the unit bid price for Embankment-In-Place and the excavation of the shale material shall be incidental. For either case, no compensation shall be made for the incidental portions of this work.

6.) The Contractor shall construct foundation embankment benches and transverse benches as indicated on the plans and/or as directed by the Engineer, prior to placement of embankments in areas requiring such benches.

7.) Foundation embankment benches and longitudinal perforated pipe underdrains shall be constructed in accordance with Standard Drawings RGX-010-04 and RDP-006-04 at the locations listed below and/or as directed by the Engineer. The benches shall be constructed one at a time beginning with the lowest bench. Each bench shall be backfilled prior to excavation of the next bench. This procedure should be followed to help maintain stability of the existing slopes in these areas.

Mainline US 41A	Pride Avenue
Station 640+25 to 644+75, Right	Station 51+25 to 51+75, Right
Station 676+25 to 678+25, Left and Right	
Station 680+25 to 684+25, Right	
Station 694+75 to 697+00, Left and Right	North Main Street
Station 708+25 to 708+75, Right	Station 331+25 to 333+50, Left
Station 709+50 to 712+75, Left	

8.) Transverse benching and perforated pipe underdrains shall be installed or extended at the following approximate location and any others designated by the Engineer. Contrary to Standard Drawing RDP-006-04, the transverse benching and perforated pipe underdrains shall be installed on both the upgrade and downgrade cut to fill transitions.

Approach Road Station 693+09
Station 50+35

9.) Perforated pipe for subgrade drainage shall be placed or extended in vertical sags in accordance with RDP-005-05 at the following approximate location and/or where designated by the Engineer.

Mainline US 41A	Pride Avenue
Station 707+42	Station 49+43
Approach Road Station 640+34	Approach Road Station 699+15, LT
Station 49+71	Station 49+71
Dodson Lane	Quinten Drive
Station 49+71	Station 49+80
Industrial Court	North Main Street
Station 50+30	Station 43+78

10.) In order to provide a working platform for embankment construction, Kentucky Coarse Aggregate No. 2, 3 or 23 shall be placed over all soft and/or saturated areas that may be detected during construction and/or to fill and stabilize the existing drains located within the limits of the roadway embankment construction, as directed by the Engineer. The aggregate shall be in accordance with the current edition of Section 805 of the Standard Specifications for Road and Bridge Construction. The required thickness is estimated to be 2 feet but the actual thicknesses and locations shall be determined by the Engineer during construction and may depend on seasonal fluctuations in the water table. This material shall be wrapped with Type III Geotextile Fabric in accordance with Sections 214 and 843 of the Standard Specifications, current edition. For quantity estimation purposes only, the following areas may be assumed:

Mainline US 41A	Approach Road Station 693+09, LT
Station 648+00 to 653+00	Station 50+00 to 51+50
Station 676+00 to 678+00	
Station 683+50 to 684+50	
Station 703+00 to 706+00	North Main Street
Station 706+50 to 710+00	Station 43+00 to 44+50
Pride Avenue	
Station 50+00 to 51+50	

11.) The one-foot granular subgrade may not be feasible at locations due to insufficient vertical clearance to accommodate one foot of flowable fill above the storm drain pipes. For these areas, the Department's Pavement Design Branch, Division of Highway Design, may approve alternate subgrades for inclusion in the contract documents. These may include geogrid, high-strength geotextile or other alternates.

12.) Borrow material, if required beneath the subgrade, shall meet the minimum CBR value of 2.0.

13.) Shale (above or below the RDZ, durable or nondurable) cannot be used in the top one (1) foot of subgrade.

14.) Most of the soil horizons and slopes on the project are subject to erosion. Necessary procedures in accordance with Sections 214 and 843 of the current Standard Specifications shall be followed on construction.

15.) As directed by the Engineer, existing bituminous concrete located at a distance greater than three feet below the proposed subgrade elevation within the limits of new roadway embankments, shall be scarified or broken until all cleavage planes are destroyed, or the pavement shall be removed entirely as conditions demand. This shall be performed in compliance with Section 206 of the Standard Specifications for Road and Bridge Construction.

16.) Existing bituminous concrete located at a distance less than three feet below the proposed subgrade elevation within the limits of new roadway embankments, shall be removed entirely. This shall be performed in compliance with Section 206 of the Standard Specifications for Road and Bridge Construction.

17.) A minimum one-foot granular subgrade working platform shall be constructed over the entire project, unless otherwise noted. The working platform shall be constructed using Kentucky Coarse Aggregate No. 2, 3 or 23 in accordance with the current edition of Section 805 of the Standard Specifications for Road & Bridge Construction. The granular material shall be wrapped with Geotextile Fabric, Type IV, in accordance with Sections 214 & 843 of the current Standard Specifications. The actual elevation and thickness of the subgrade working platform may need to be adjusted during construction. These adjustments will be determined by the Engineer and may depend on seasonal fluctuations in the water table. Since this will also serve as the granular subgrade, calculating additional quantities for rock will not be necessary.

FILE NAME:

USER:
PLOTTER:

E-SHEET NAME: R10800GT

MicroStation v8.11.7.443

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

HOPKINS
U.S. 41A (DIXON RD.)

PROJECT 2-137.20
NUMBERS: FD04 SPP 054 041A 000-002

GEOTECHNICAL NOTES

Field Drilling and Sampling were performed in the period of November 2010 to January 2011.

Detailed data and interpretation of subsurface conditions encountered in individual borings are shown on the soil profile. Soil and rock strata descriptions and indicated boundaries are based on engineering interpretation of available subsurface information obtained at selected locations, and may not necessarily reflect the actual variation in subsurface conditions between borings and samples.

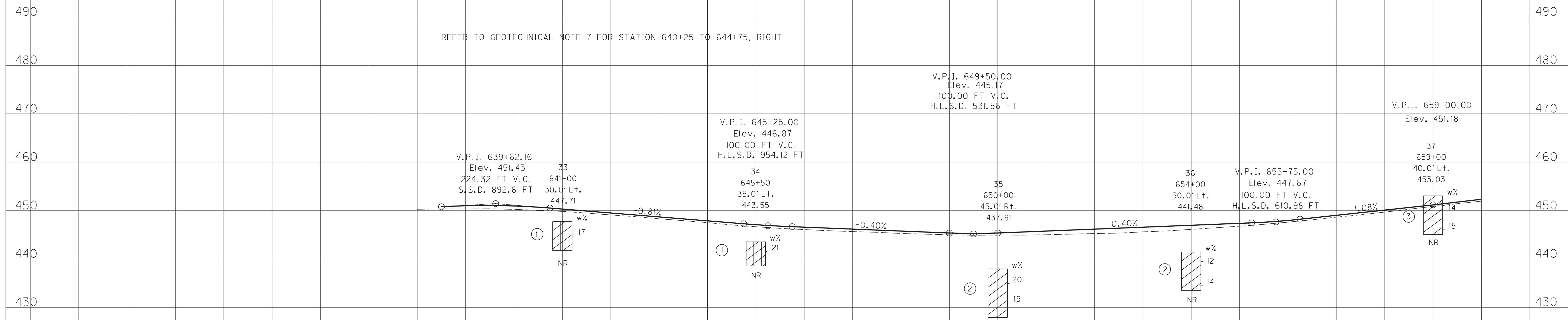
The observed water levels and/or subsurface conditions indicated on the soil profile are as recorded at the time of exploration. These water levels and/or subsurface conditions may vary considerable with time, according to the prevailing climate, rainfall or other factors and are otherwise dependent on the duration of and methods used in the exploration program.

Selected rock cores and all applicable drill logs, are stored at the Division of Materials in Frankfort and are available for inspection on request. Contact the Division of Materials, Geotechnical Branch for availability information and to schedule an inspection.

NOTICE - Without regard to the materials encountered, all roadway and drainage excavation shall be unclassified and shall be designated as Roadway Excavation. It shall be distinctly understood that any reference to rock, earth or any other materials on the plans or cross sections whether in numbers, words, letters, or lines, is solely for the Department's information and is not to be taken as an indication of classified excavation or the quantity of either rock, earth or any other material involved.

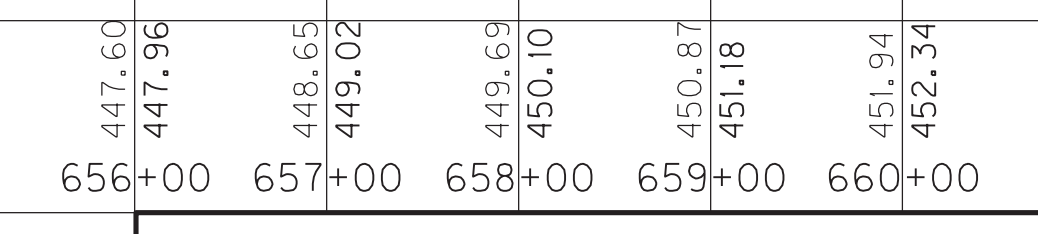
The bidder must draw his own conclusions as to the conditions to be encountered. The Department does not give any guarantee as to the accuracy of the data and no claim will be considered for additional compensation when the materials encountered are not in accord with the classification shown.

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 640+25 TO 644+75, RIGHT



SAMPLE NO.	1	2	3
STATION	641+00	650+00	659+00
OFFSET	30.0' Lt.	45.0' Rt.	40.0' Lt.
DEPTH	0.0-6.0	0.0-10.0	0.0-8.0
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	0	0
	SAND (- NO 10 + NO. 200)	34	16
	SILT (- 0.075 mm + 0.002 mm)	51	56
	CLAY (- 0.002 mm)	16	28
LIQUID LIMIT	27	32	32
PLASTIC LIMIT	21	16	20
PLASTICITY INDEX	6	16	12
ACTIVITY INDEX	0.38	0.57	0.41
SPECIFIC GRAVITY	2.71	2.68	2.73
AASHTO CLASSIFICATION	A-4(2)	A-6(12)	A-6(8)
UNIFIED CLASSIFICATION	CL-ML	CL	CL
CALIFORNIA BEARING RATIO	2	3	5
MAXIMUM DRY DENSITY (pcf)	114	108	111
OPTIMUM MOISTURE (%)	12	19	17
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	0	0

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL



Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
HOPKINS
U.S. 41A (DIXON RD.)

PROJECT 2-137.20
NUMBERS: FD04 SPP 054 041A 000-002

SOIL PROFILE, US 41A
STA. 638+50 to 660+00

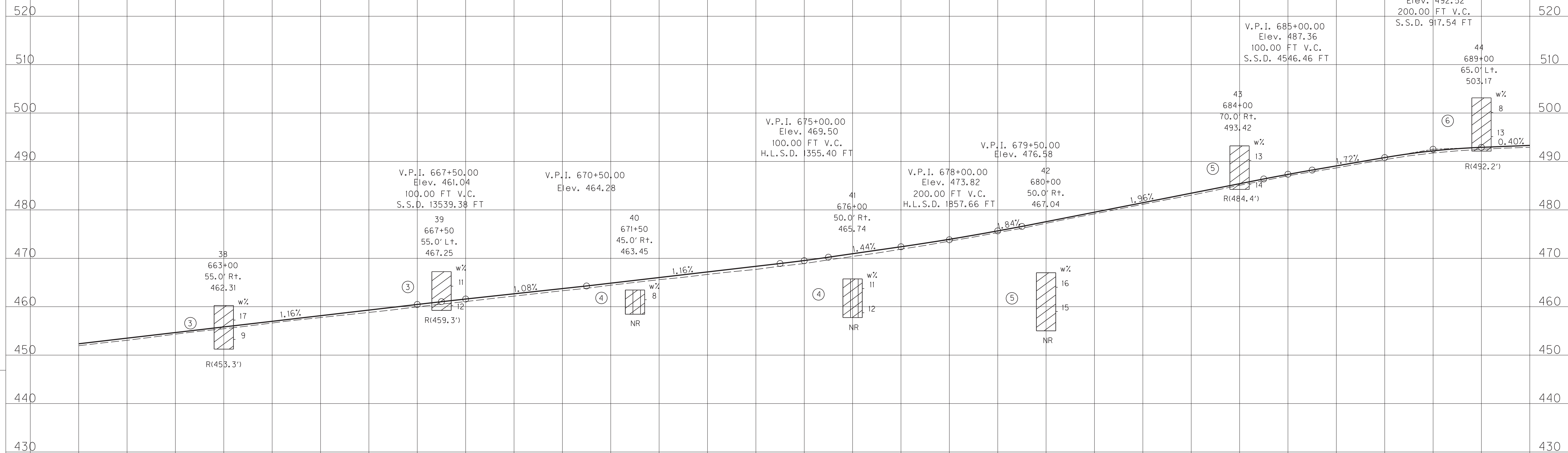
FILE NAME: USER: PLOTTED: E-SHEET NAME: RI0900GT MicroStation v8.11.7.443

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 680+25 TO 684+25, RIGHT

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 676+25 TO 678+25, LEFT & RIGHT

V.P.I. 688+00.00
Elev. 492.52
200.00 FT V.C.
S.S.D. 917.54 FT

V.P.I. 685+00.00
Elev. 487.36
100.00 FT V.C.
S.S.D. 4546.46 FT



SAMPLE NO.	3	4	5	6	
STATION	659+00	671+50	680+00	689+00	
OFFSET	40.0' Lt.	45.0' Rt.	50.0' Rt.	65.0' Lt.	
DEPTH	0.0-8.0	0.0-5.0	0.0-12.0	0.0-11.0	
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	11	0	0	
	SAND (- NO 10 + NO. 200)	22	24	8	27
	SILT (- 0.075 mm + 0.002 mm)	49	47	61	48
	CLAY (- 0.002 mm)	29	18	31	25
LIQUID LIMIT	32	28	40	30	
PLASTIC LIMIT	20	22	24	20	
PLASTICITY INDEX	12	6	16	10	
ACTIVITY INDEX	0.41	0.33	0.51	0.4	
SPECIFIC GRAVITY	2.73	2.54	2.73	2.8	
AASHTO CLASSIFICATION	A-6(8)	A-4(2)	A-6(16)	A-4(6)	
UNIFIED CLASSIFICATION	CL	CL-ML	CL	CL	
CALIFORNIA BEARING RATIO	5	3	2	2	
MAXIMUM DRY DENSITY (pcf)	111	111	108	111	
OPTIMUM MOISTURE (%)	17	17	19	17	
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	5	0	0	

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

FILE NAME: MicroStation v8.11.7.443
 USER: RI1000GT
 DATE: E-SHEET NAME: RI1000GT

660+00 661+00 662+00 663+00 664+00 665+00 666+00 667+00 668+00 669+00 670+00 671+00 672+00 673+00 674+00 675+00 676+00 677+00 678+00 679+00 680+00 681+00 682+00 683+00 684+00 685+00 686+00 687+00 688+00 689+00 690+00

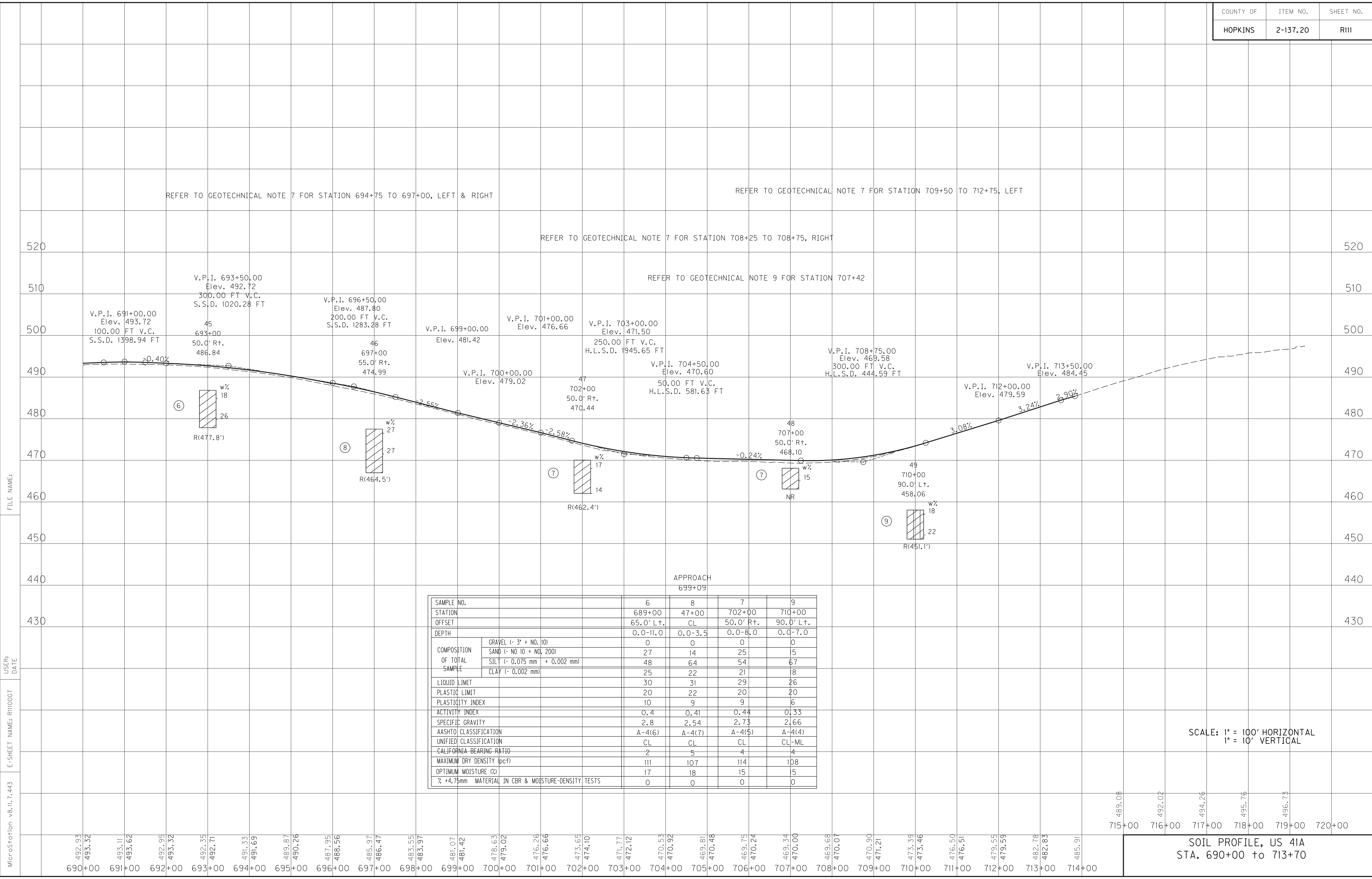
SOIL PROFILE, US 41A
STA. 660+00 to 690+00

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 694+75 TO 697+00, LEFT & RIGHT

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 709+50 TO 712+75, LEFT

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 708+25 TO 708+75, RIGHT

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 707+42



APPROACH
699+09

SAMPLE NO.	6	8	7	9
STATION	689+00	47+00	702+00	710+00
OFFSET	65.0' Lt.	CL	50.0' Rt.	90.0' Lt.
DEPTH	0.0-11.0	0.0-3.5	0.0-8.0	0.0-7.0
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3' + NO. 10)	0	0	0
	SAND (- NO 10 + NO. 200)	27	14	25
	SILT (- 0.075 mm + 0.002 mm)	48	64	54
	CLAY (- 0.002 mm)	25	22	21
LIQUID LIMIT	30	31	29	26
PLASTIC LIMIT	20	22	20	20
PLASTICITY INDEX	10	9	9	6
ACTIVITY INDEX	0.4	0.41	0.44	0.33
SPECIFIC GRAVITY	2.8	2.54	2.73	2.66
AASHTO CLASSIFICATION	A-4(6)	A-4(7)	A-4(5)	A-4(4)
UNIFIED CLASSIFICATION	CL	CL	CL	CL-ML
CALIFORNIA BEARING RATIO	2	5	4	4
MAXIMUM DRY DENSITY (pcf)	111	107	114	108
OPTIMUM MOISTURE (%)	17	18	15	15
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	0	0	0

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

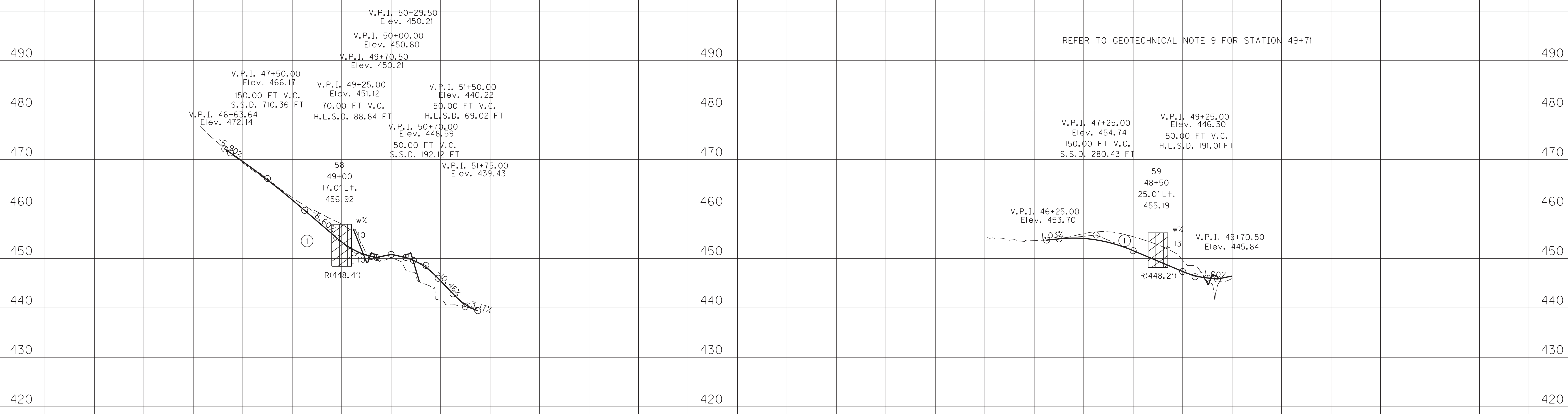
489.08
492.02
494.26
495.76
496.73
715+00 716+00 717+00 718+00 719+00 720+00

SOIL PROFILE, US 41A
STA. 690+00 to 713+70

FILE NAME: MicroStation v8.11.7.443
 USER: DATE
 E-SHEET NAME: R111000T

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 49+71

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 49+71



APPROACH @ 640+34

46+00	47+00	48+00	49+00	50+00	51+00	52+00
	469.35	469.59	462.32	461.84	456.94	453.32
			450.12	450.80	441.52	445.45

US 41A		
SAMPLE NO.	1	
STATION	641+00	
OFFSET	30.0' Lt.	
DEPTH	0.0-6.0	
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	0
	SAND (- NO 10 + NO. 200)	34
	SILT (- 0.075 mm + 0.002 mm)	51
	CLAY (- 0.002 mm)	16
LIQUID LIMIT	27	
PLASTIC LIMIT	21	
PLASTICITY INDEX	6	
ACTIVITY INDEX	0.38	
SPECIFIC GRAVITY	2.71	
AASHTO CLASSIFICATION	A-4(2)	
UNIFIED CLASSIFICATION	CL-ML	
CALIFORNIA BEARING RATIO	2	
MAXIMUM DRY DENSITY (pcf)	114	
OPTIMUM MOISTURE (%)	12	
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	

DODSON LANE

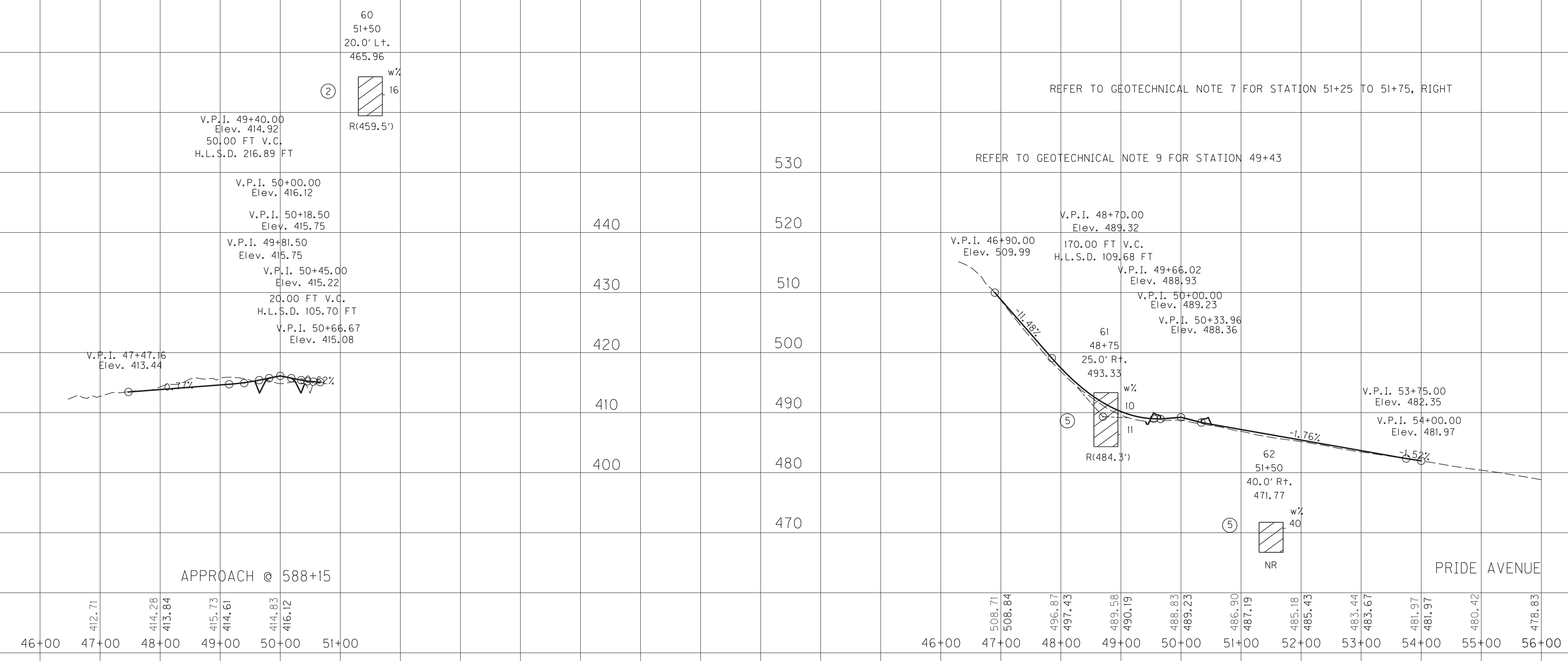
45+00	46+00	47+00	48+00	49+00	50+00
	453.66	455.02	454.04	454.39	451.57
				449.63	447.35
				445.92	

SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

SOIL PROFILE

FILE NAME:
 USER: RI1200GT
 DATE:
 E-SHEET NAME: RI1200GT
 MicroStation v8.11.7.443

FILE NAME:
 USER: DATE
 E-SHEET NAME: RI1300GT
 MicroStation v8.11.7.443



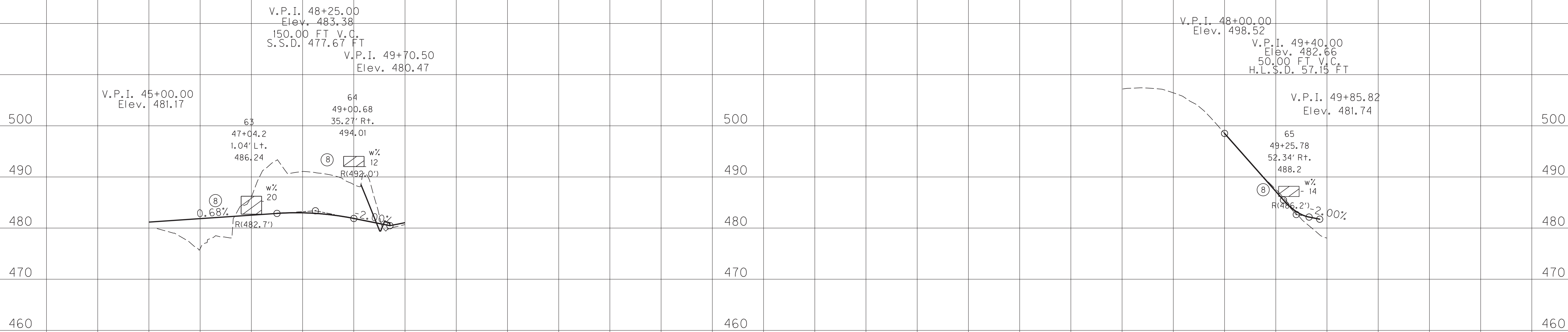
	US 41A	US 41A
SAMPLE NO.	2	5
STATION	650+00	680+00
OFFSET	45.0' Rt.	50.0' Rt.
DEPTH	0.0-10.0	0.0-12.0
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3' + NO. 10)	0
	SAND (- NO 10 + NO. 200)	16
	SILT (- 0.075 mm + 0.002 mm)	56
	CLAY (- 0.002 mm)	28
LIQUID LIMIT	32	40
PLASTIC LIMIT	16	24
PLASTICITY INDEX	16	16
ACTIVITY INDEX	0.57	0.51
SPECIFIC GRAVITY	2.68	2.73
AASHTO CLASSIFICATION	A-6(12)	A-6(16)
UNIFIED CLASSIFICATION	CL	CL
CALIFORNIA BEARING RATIO	3	2
MAXIMUM DRY DENSITY (pcf)	108	108
OPTIMUM MOISTURE (%)	19	19
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	0

SCALE: 1" = 100' HORIZONTAL
 1" = 10' VERTICAL

SOIL PROFILE

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 49+71

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 49+80



REFER TO CUT STABILITY FOR STATION 48+00

REFER TO CUT STABILITY FOR STATION 49+00

APPROACH
699+15

QUINTEN DRIVE

45+00	481.17
46+00	475.94
	481.85
47+00	486.05
	482.53
48+00	491.06
	482.99
49+00	488.46
50+00	481.88

APPROACH @ 699+15

SAMPLE NO.	8	
STATION	47+04.20	
OFFSET	1.4' L.F.	
DEPTH	0.0-3.5	
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3" + NO. 10)	0
	SAND (- NO 10 + NO. 200)	14
	SILT (- 0.075 mm + 0.002 mm)	64
	CLAY (- 0.002 mm)	22
LIQUID LIMIT	31	
PLASTIC LIMIT	22	
PLASTICITY INDEX	9	
ACTIVITY INDEX	0.41	
SPECIFIC GRAVITY	2.54	
AASHTO CLASSIFICATION	A-4(7)	
UNIFIED CLASSIFICATION	Cl	
CALIFORNIA BEARING RATIO	5	
MAXIMUM DRY DENSITY (pcf)	107	
OPTIMUM MOISTURE (%)	18	
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	

46+00	506.45
47+00	498.52
	498.52
48+00	487.61
	487.19
49+00	478.05
50+00	

SCALE: 1" = 10' HORIZONTAL
1" = 100' VERTICAL

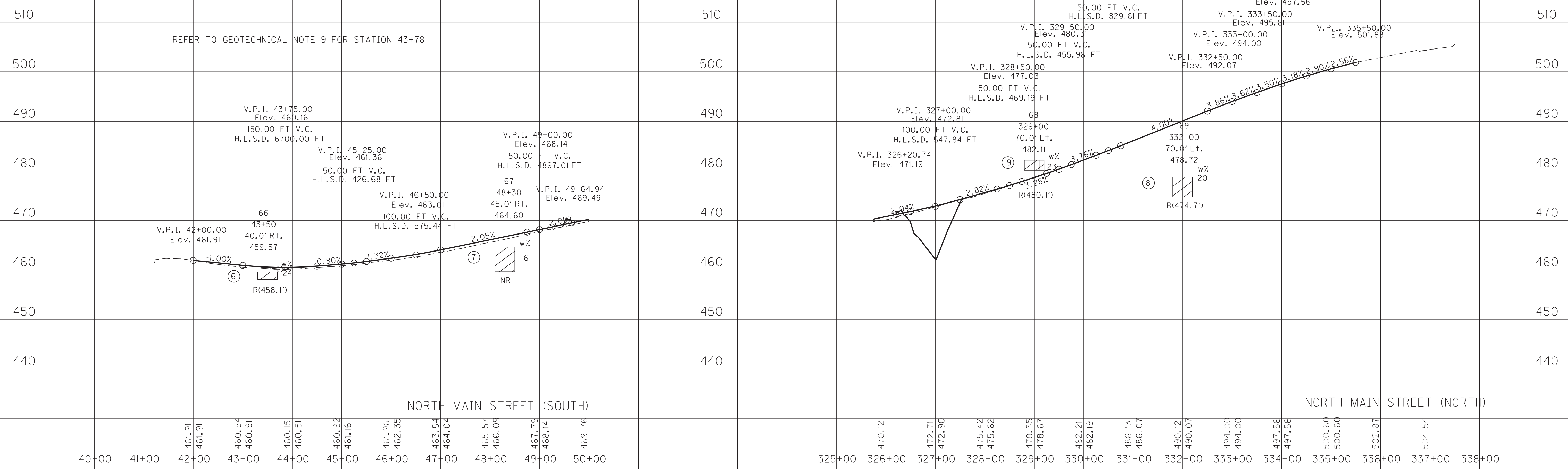
SOIL PROFILE

FILE NAME: _____
 USER: _____ DATE: _____
 E-SHEET NAME: RI1400GT
 MicroStation v8.11.7.443

REFER TO EMBANKMENT STABILITY FOR STATION 333+00

REFER TO GEOTECHNICAL NOTE 7 FOR STATION 331+25 TO 333+50, LEFT

REFER TO GEOTECHNICAL NOTE 9 FOR STATION 43+78



NORTH MAIN STREET (SOUTH)

NORTH MAIN STREET (NORTH)

APPROACH

	US 41A	US 41A	699+09	US 41A
SAMPLE NO.	6	7	8	9
STATION	689+00	702+00	47+00	710+00
OFFSET	65.0' Lt.	50.0' Rt.	CL	90.0' Lt.
DEPTH	0.0-11.0	0.0-8.0	0.0-3.5	0.0-7.0
COMPOSITION OF TOTAL SAMPLE	GRAVEL (- 3' + NO. 10)	0	0	0
	SAND (- NO 10 + NO. 200)	27	25	14
	SILT (- 0.075 mm + 0.002 mm)	48	54	64
	CLAY (- 0.002 mm)	25	21	22
LIQUID LIMIT	30	29	31	26
PLASTIC LIMIT	20	20	22	20
PLASTICITY INDEX	10	9	9	6
ACTIVITY INDEX	0.4	0.44	0.41	0.33
SPECIFIC GRAVITY	2.8	2.73	2.54	2.66
AASHTO CLASSIFICATION	A-4(6)	A-4(5)	A-4(7)	A-4(4)
UNIFIED CLASSIFICATION	CL	CL	CL	CL-ML
CALIFORNIA BEARING RATIO	2	4	5	4
MAXIMUM DRY DENSITY (pcf)	111	114	107	108
OPTIMUM MOISTURE (%)	17	15	18	15
% +4.75mm MATERIAL IN CBR & MOISTURE-DENSITY TESTS	0	0	0	0

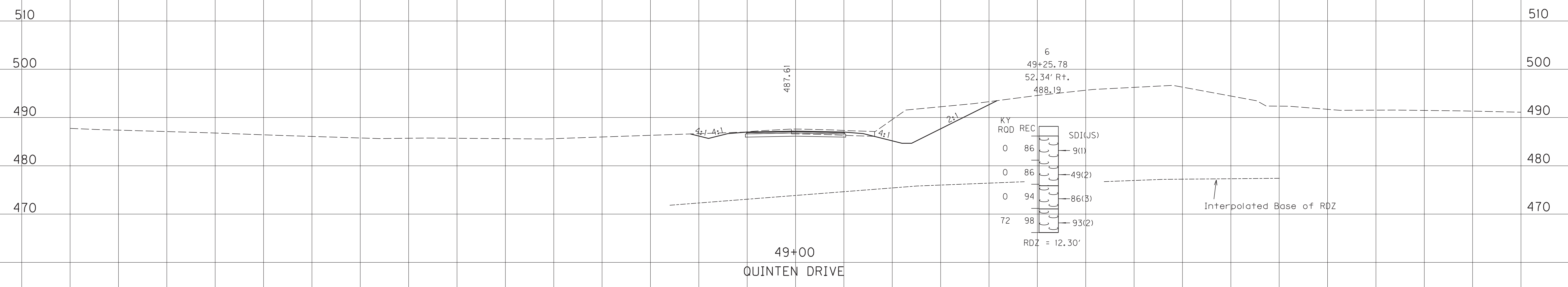
SCALE: 1" = 100' HORIZONTAL
1" = 10' VERTICAL

SOIL PROFILE

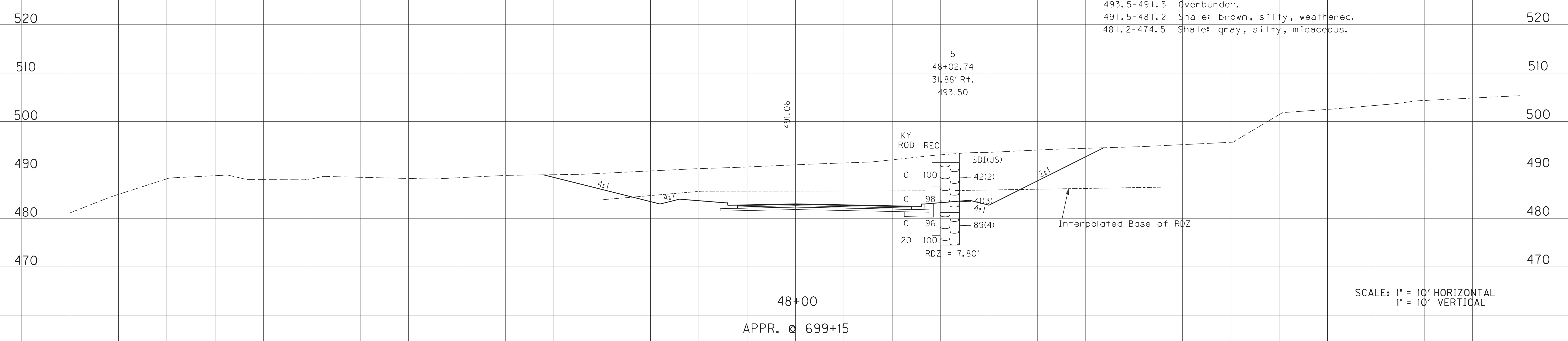
FILE NAME:
 USER: DATE:
 E-SHEET NAME: RI1500GT
 MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R116

Cut Limits from Sta. 47+00 to Sta. 50+00
Hole 6, Core Log Sta. 49+25.78, 52.34' Rt.
Elevation
488.2-486.2 Overburden.
486.2-475.9 Shale: brown, silty, highly weathered.
475.9-471.1 Shale: gray, silty, slightly weathered partings.
471.1-466.2 Shale: gray, silty.



Cut Limits from Sta. 46+50 to Sta. 49+50
Hole 5, Core Log Sta. 48+02.74, 31.88' Rt.
Elevation
493.5-491.5 Overburden.
491.5-481.2 Shale: brown, silty, weathered.
481.2-474.5 Shale: gray, silty, micaceous.



SCALE: 1" = 10' HORIZONTAL
1" = 10' VERTICAL

100 150

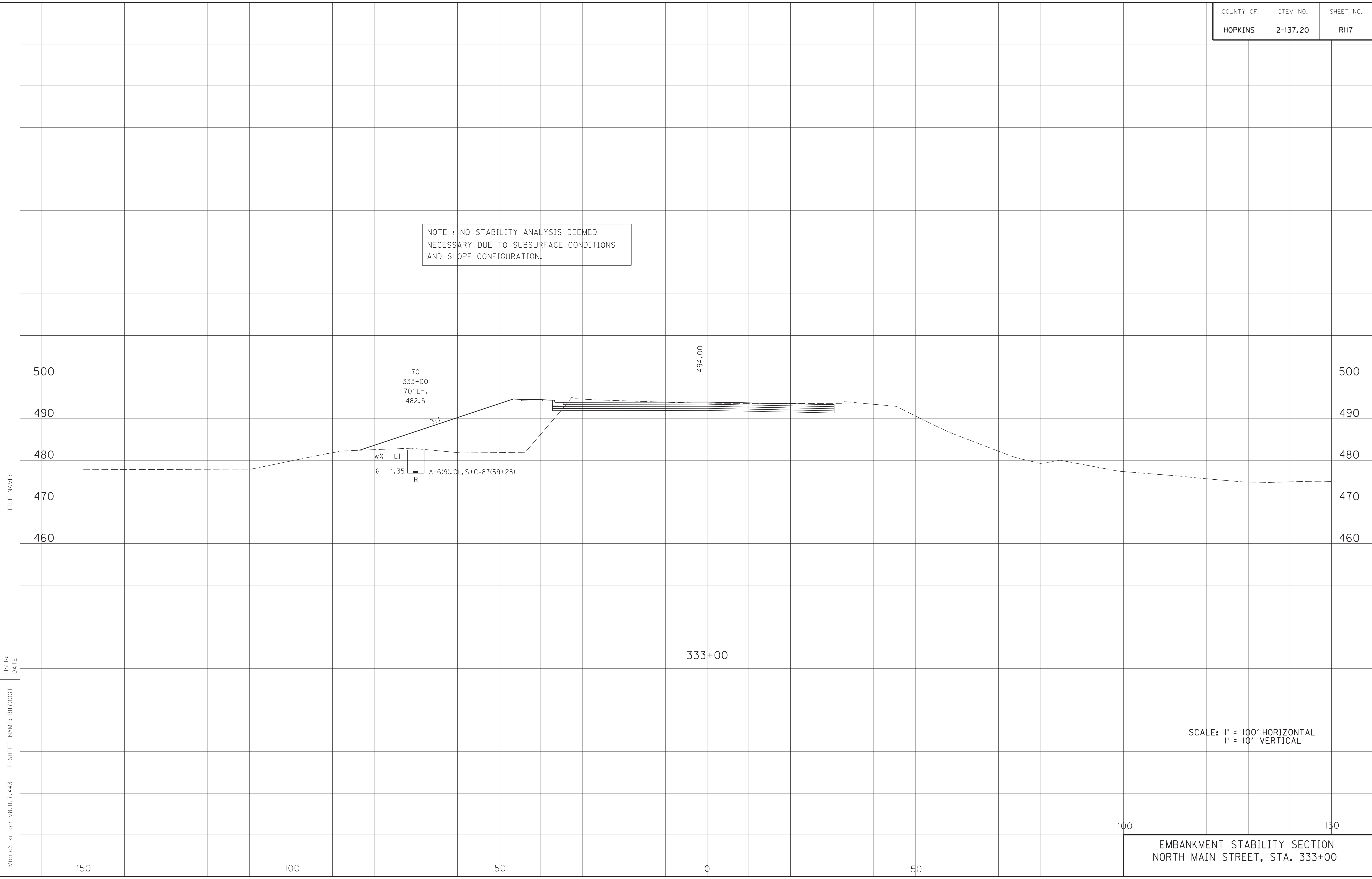
CUT STABILITY SECTION
STA. 48+00, APPR. 699+15
STA. 49+00, QUINTEN DRIVE

FILE NAME:
USER: DATE:
E-SHEET NAME: R11600GT
MicroStation v8.11.7.443

150 100 50 0 50 100 150

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RII7

NOTE : NO STABILITY ANALYSIS DEEMED NECESSARY DUE TO SUBSURFACE CONDITIONS AND SLOPE CONFIGURATION.



FILE NAME:

USER:
DATE:

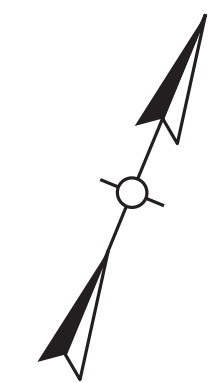
E-SHEET NAME: RII700GT

MicroStation v8,11,7,443

EMBANKMENT STABILITY SECTION
NORTH MAIN STREET, STA. 333+00

SUBSURFACE DATA

Plan Scale 1" = 10'



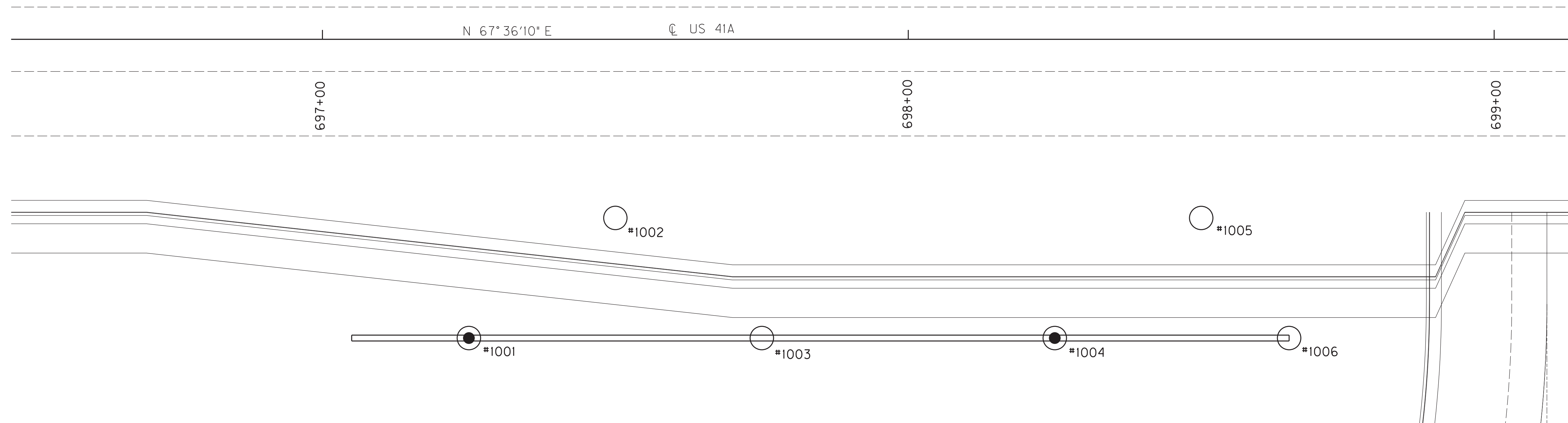
SHEET LOCATION:

FILE NAME: \$\$\$design\$file\$specification\$\$\$

USER NAME: \$\$\$USER\$\$\$

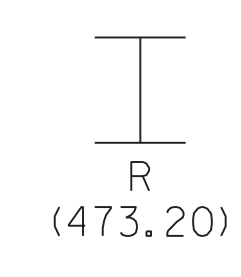
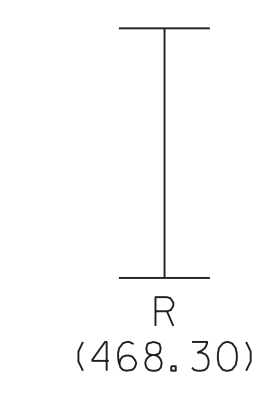
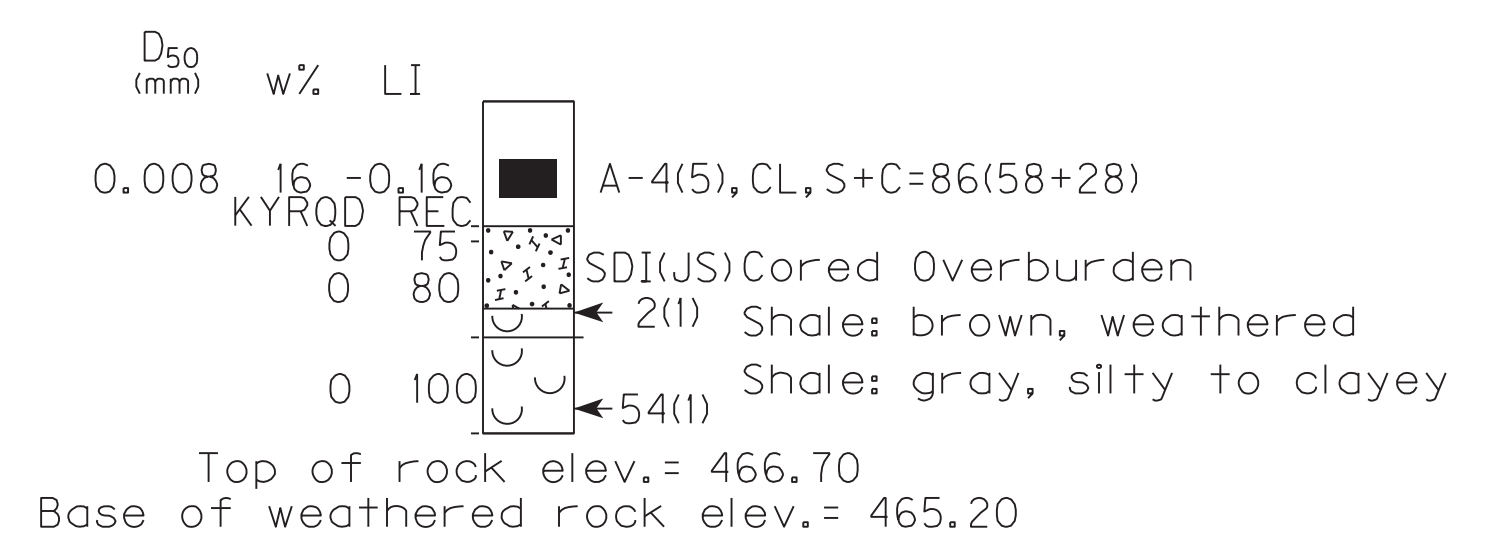
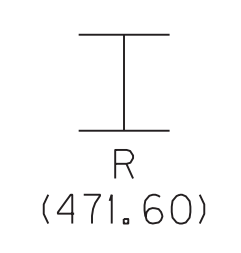
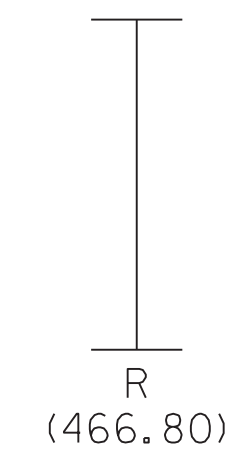
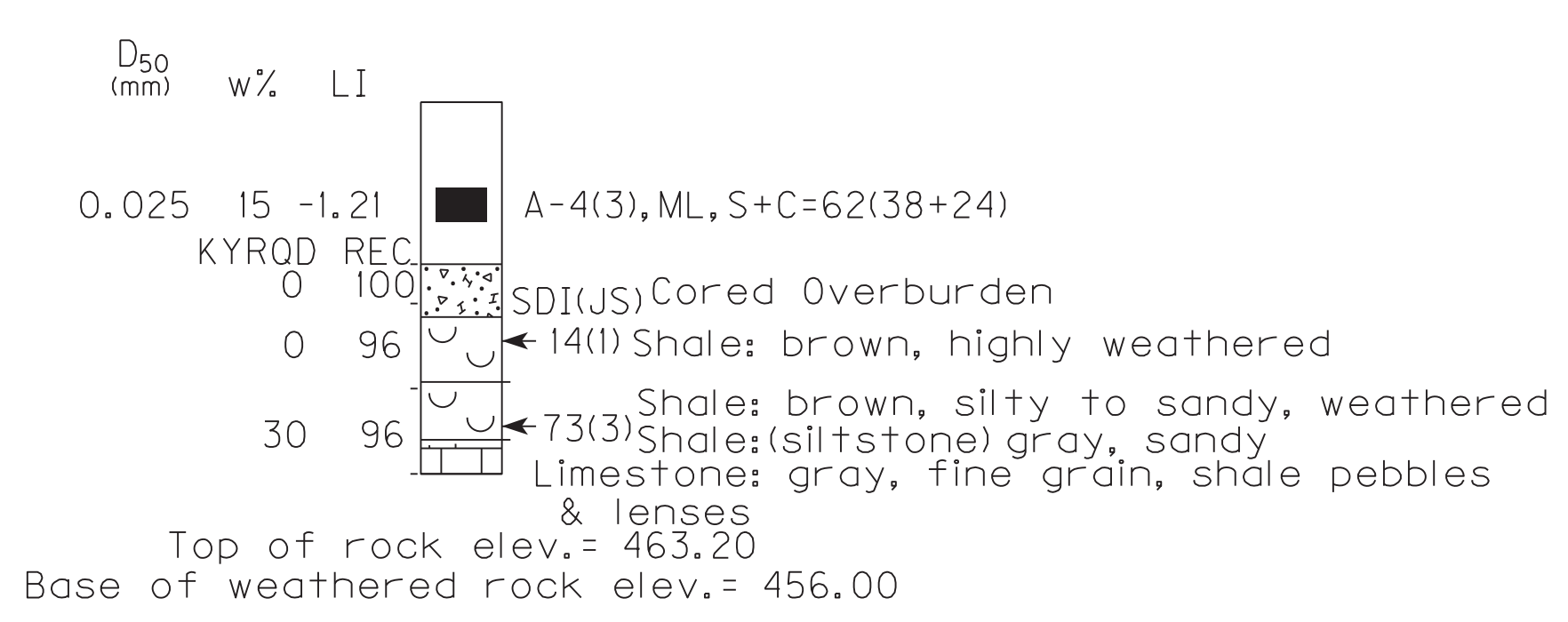
DATE: \$\$\$DATE\$\$\$

E-SHEET NAME: R11800CT



Profile Scale:
Vertical 1" = 10'
Horizontal not to scale

Hole No.	Station	Offset	Elev.
1001	697+25.00	51.00 ft. Rt.	475.80
1002	697+50.00	30.50 ft. Rt.	484.00
1003	697+75.00	51.00 ft. Rt.	476.60
1004	698+25.00	15.00 ft. Rt.	477.50
1005	698+50.00	30.50 ft. Rt.	481.30
1006	698+65.00	51.00 ft. Rt.	478.70



Datum

DATE: 25-MAY-2011	CHECKED BY:
DESIGNED BY:	
DETAILED BY: E. BAILEY	D. GREER

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

COUNTY
HOPKINS

ROUTE US 41A	CROSSING Retaining Wall B	Sta. 697 + 05-698 + 65
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SUBSURFACE DATA

PREPARED BY Division of Structural Design	SHEET NO. R118
GEOTECHNICAL BRANCH	DRAWING NO. 00000

S-053-10

ITEM NUMBER
2-137.20

SHEET 1 OF 1

GEOTECHNICAL NOTES

for Cast-In-Place Concrete Non-Reinforced Gravity Walls

The minimum embedment shall be 2 ft, from finished grade in front of the wall to bottom of wall.

Use wall dimensions in accordance with Case III of the Standard Drawing RGX-002 except that the minimum embedment shall be 2 ft, regardless of wall height. An embedment of $\frac{1}{4}$ H for wall heights over 8' is not required.

Backfill all walls with Granular material as outlined on this sheet.

Station Interval	Bearing Surface	Nominal Bearing Resistance	Factored Nominal Bearing Resistance at the Service Limit State
697+05-698+65	Soil	8.5 ksf	2.8 ksf

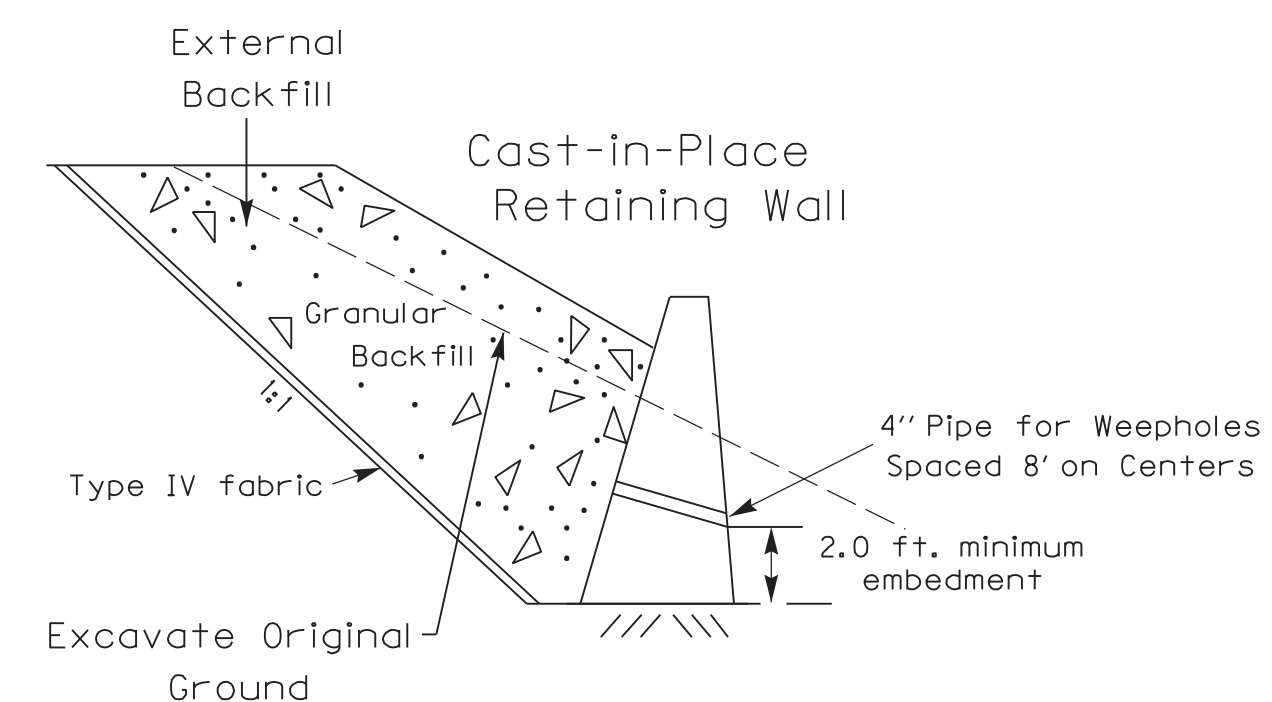
Use the following soil strength parameters for design:

	Cohesion (psf)	Friction Angle (degrees)	Unit Weight (pcf)
<u>External Backfill</u>			
Soil Embankment	0	28	120
Granular Embankment	0	38	110
<u>Foundation Soils</u>			
Existing	1500	0	120

Where external granular backfill is required, place granular material as shown below. Use granular material meeting the requirements of "granular embankment" in Section 805 of the Standard Specifications, current edition, except that the maximum size is 4 inches. Use material that is classified as non-erodible, as defined in Section 805 of the Standard Specifications, current edition. Place Type IV fabric in accordance with Sections 214 and 843 of the Standard Specifications, current edition, as shown below.

Temporary shoring, sheeting, cofferdams, and/or dewatering methods may be required to facilitate wall construction.

EXTERNAL EXCAVATION AND BACKFILL REPLACEMENT



DATE: 25-MAY-2011	CHECKED BY:
DESIGNED BY:	
DETAILED BY: E. BAILEY	D. GREER

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

COUNTY
HOPKINS

ROUTE US 41A	CROSSING Retaining Wall B	Sta. 697+05-698+65
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SUBSURFACE DATA

S-053-10

ITEM NUMBER

2-137.20

PREPARED BY
Division of Structural Design
GEOTECHNICAL BRANCH

SHEET NO.
R119
DRAWING NO.
00000

SHEET LOCATION:

FILE NAME: \$\$\$design\$file\$specification\$\$\$

USER NAME: \$\$\$USER\$\$\$

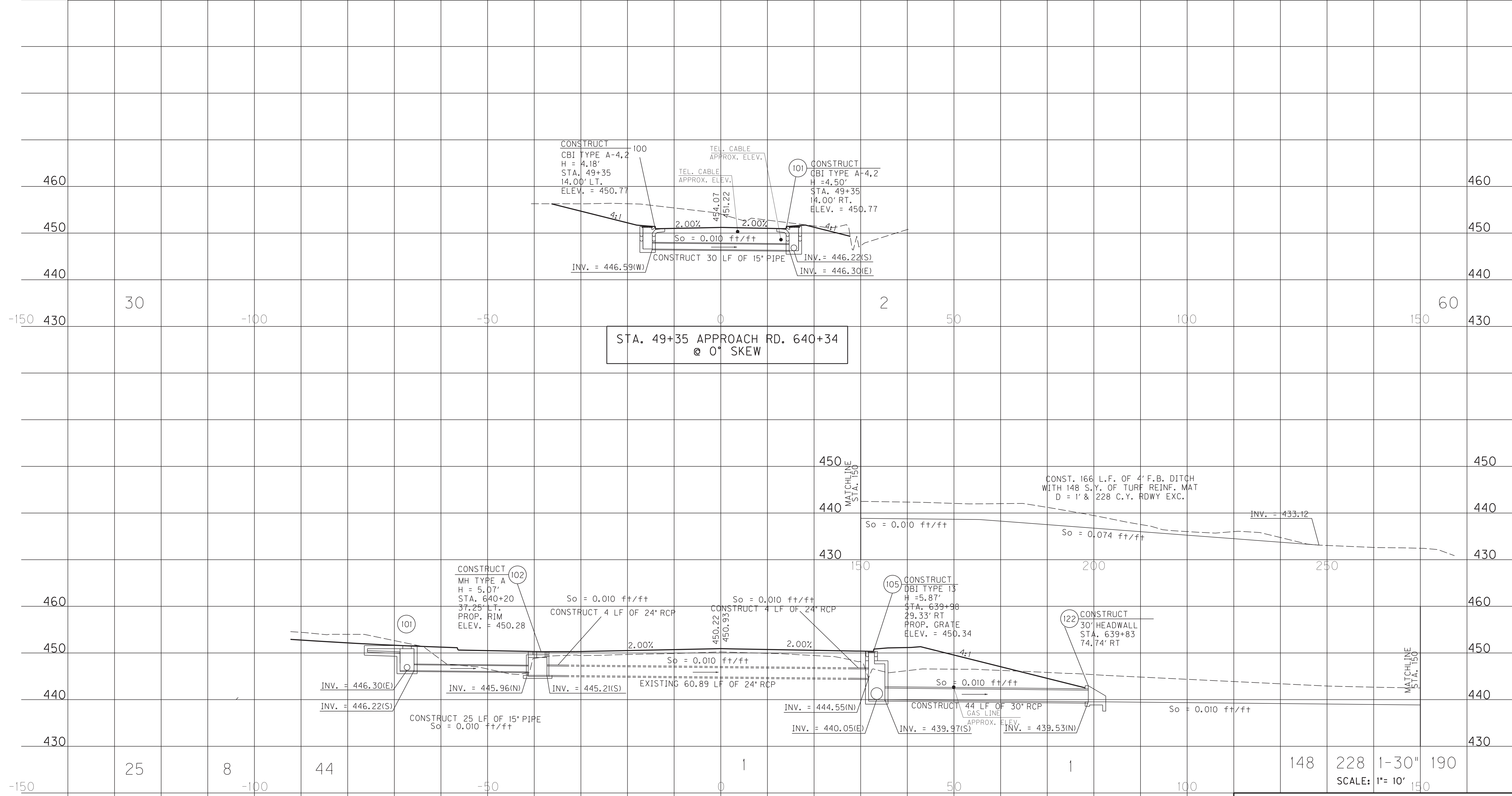
DATE: \$\$\$DATE\$\$\$

E-SHEET NAME: R1900CT

PIPE DRAINAGE SHEET 1 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R120

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 49+35 APPROACH RD. 640+34
@ 0° SKEW

STA. 640+07.82 US41A
@ 18° 30' 17" SKEW RT

PIPE PROFILE SHEET
US 41 A STA. 640+07.82 &
APPR RD STA. 640+34 STA. 49+35

FILE NAME: C:\PLOT\RI2000PD.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

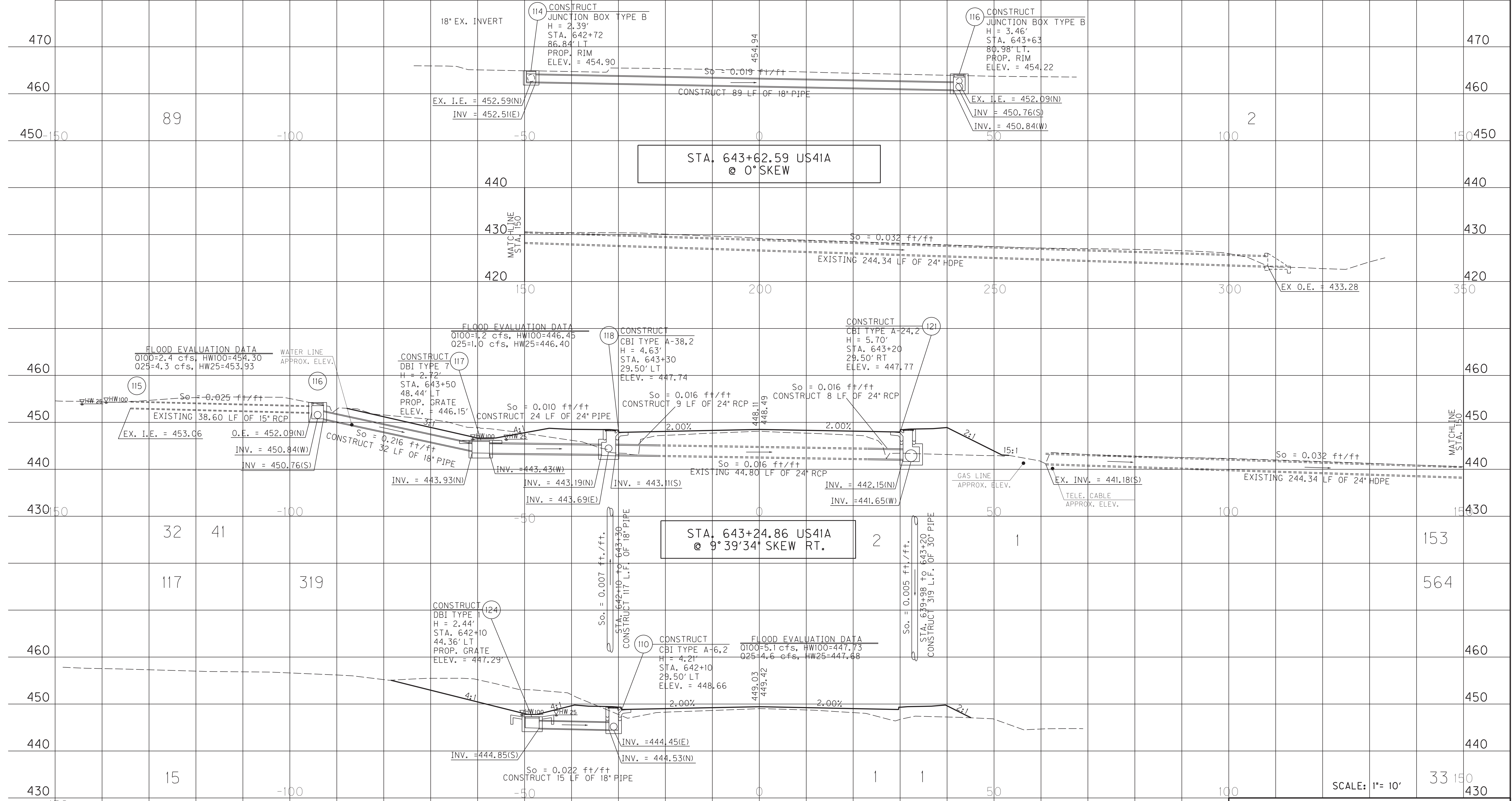
E-SHEET NAME: RI2000PD

MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 2 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R121

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H															SY	CY	TYEA	SY	TON			



STA. 643+62.59 US41A @ 0° SKEW

STA. 643+24.86 US41A @ 9°39'34" SKEW RT.

STA. 642+10 US41A @ 0° SKEW

PIPE PROFILE SHEET
 STA. 642+50, STA. 643+24.86
 & STA. 643+62.59

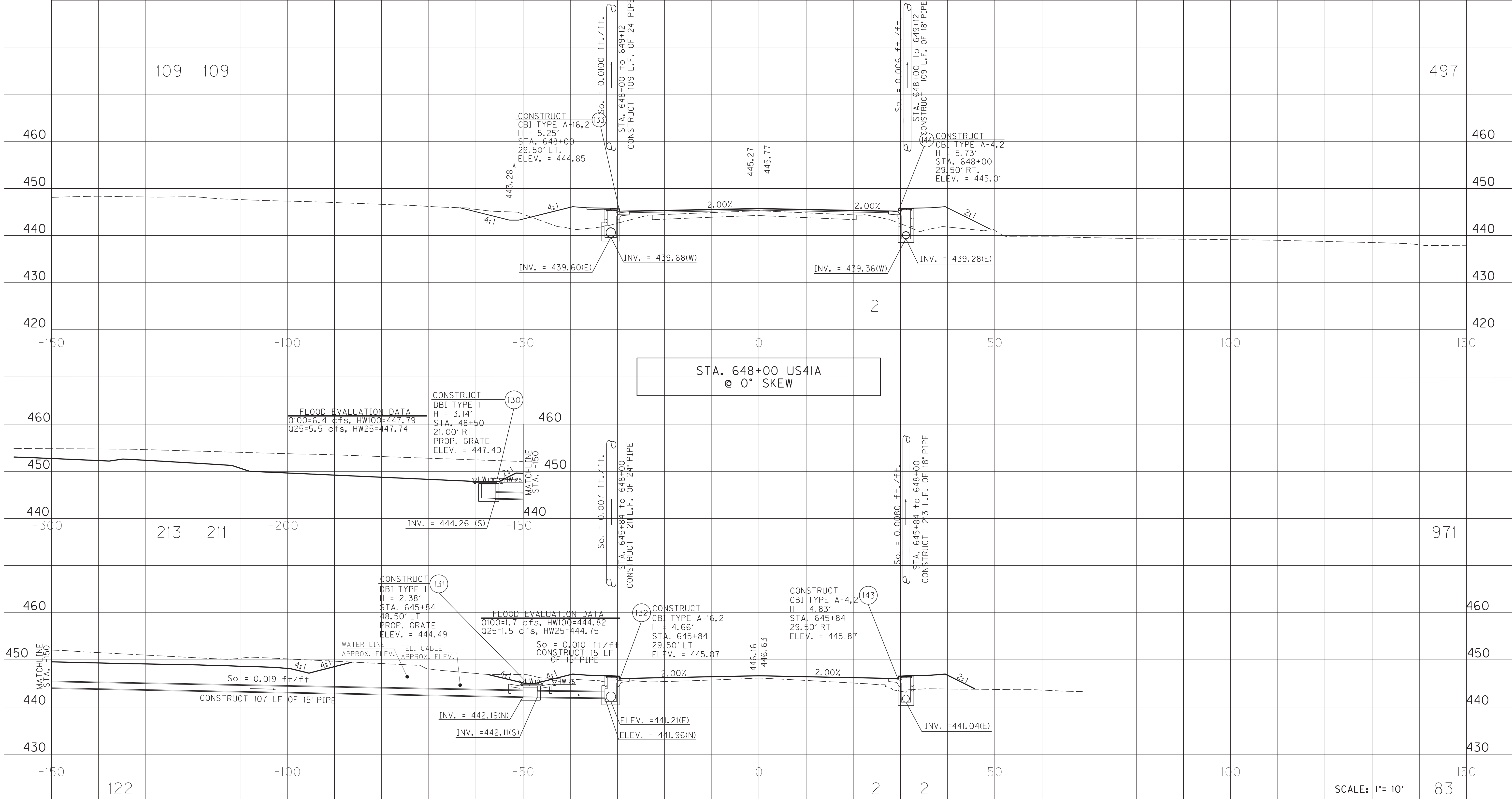
FILE NAME: G:\PLOT\RI2100PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI2100PD
 MicroStation v8.11.7.443

SCALE: 1" = 10'

PIPE DRAINAGE SHEET 3 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R122

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



SCALE: 1"= 10'

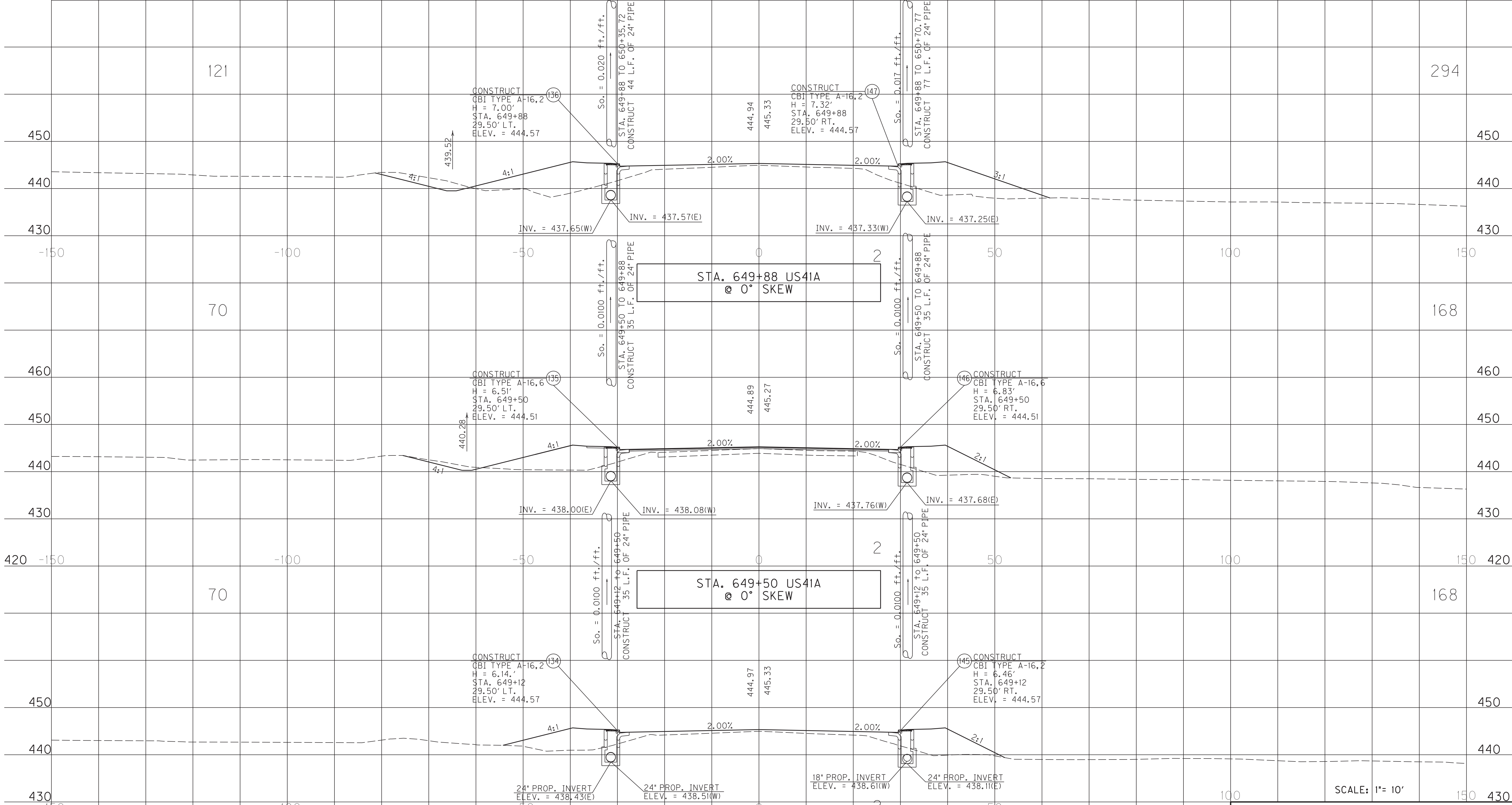
PIPE PROFILE SHEET
US 41A
STA. 645+84 & STA. 648+00

MicroStation v8.11.7.443
 E-SHEET NAME: R12200PD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R12200PD.DGN

PIPE DRAINAGE SHEET 4 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R123

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I					S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C																			
L I N E A R F E E T								E A C H																				SY	CY	TYEA	SY	TON			



MicroStation v8.11.7.443
 E-SHEET NAME: R12300PD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R12300PD.DGN

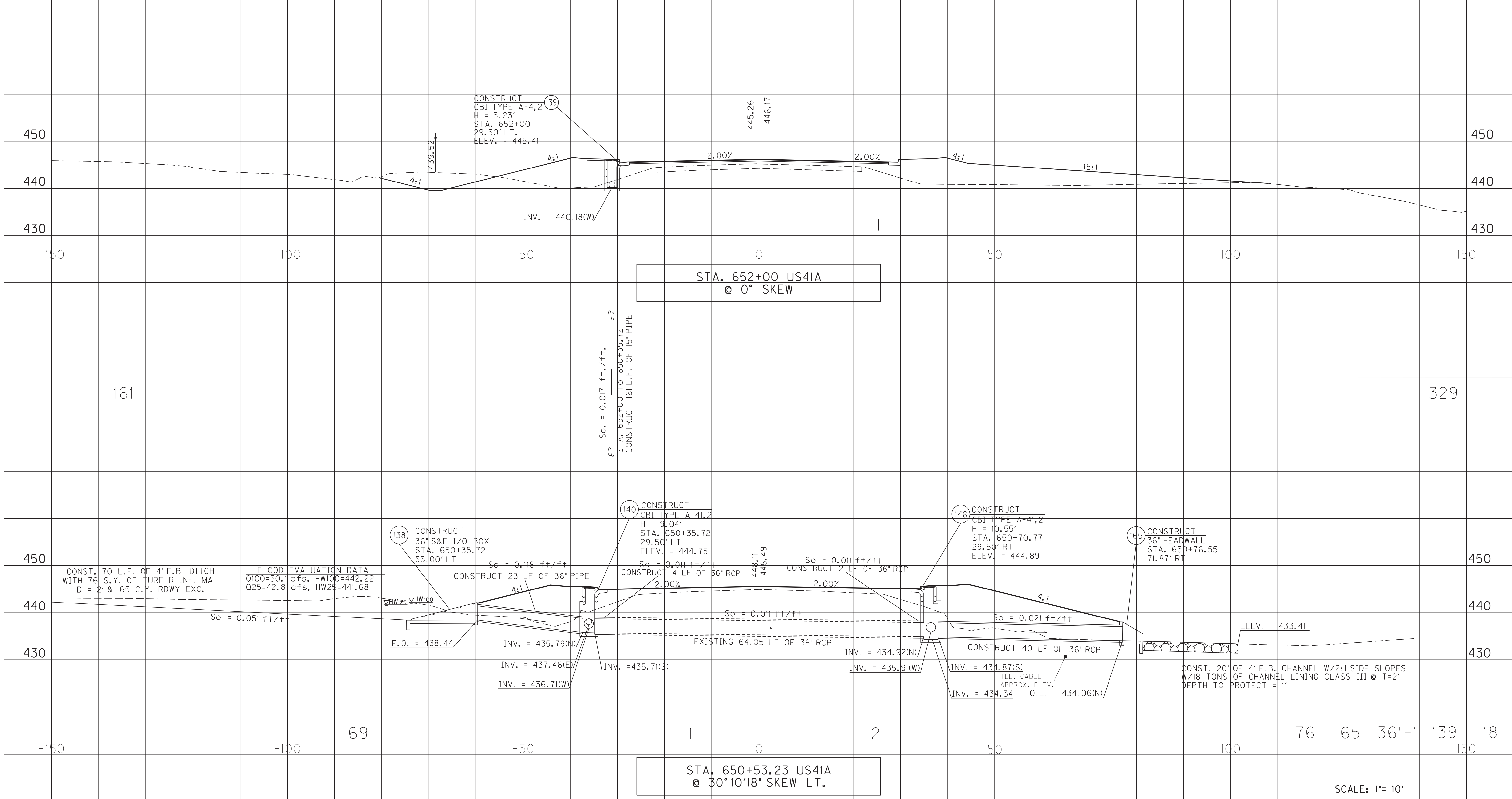
PIPE PROFILE SHEET
 US41A STA. 649+12,
 STA. 649+50 & STA. 649+88

SCALE: 1"= 10'

PIPE DRAINAGE SHEET 5 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R124

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 650+53.23 US41A
@ 30°10'18" SKEW LT.

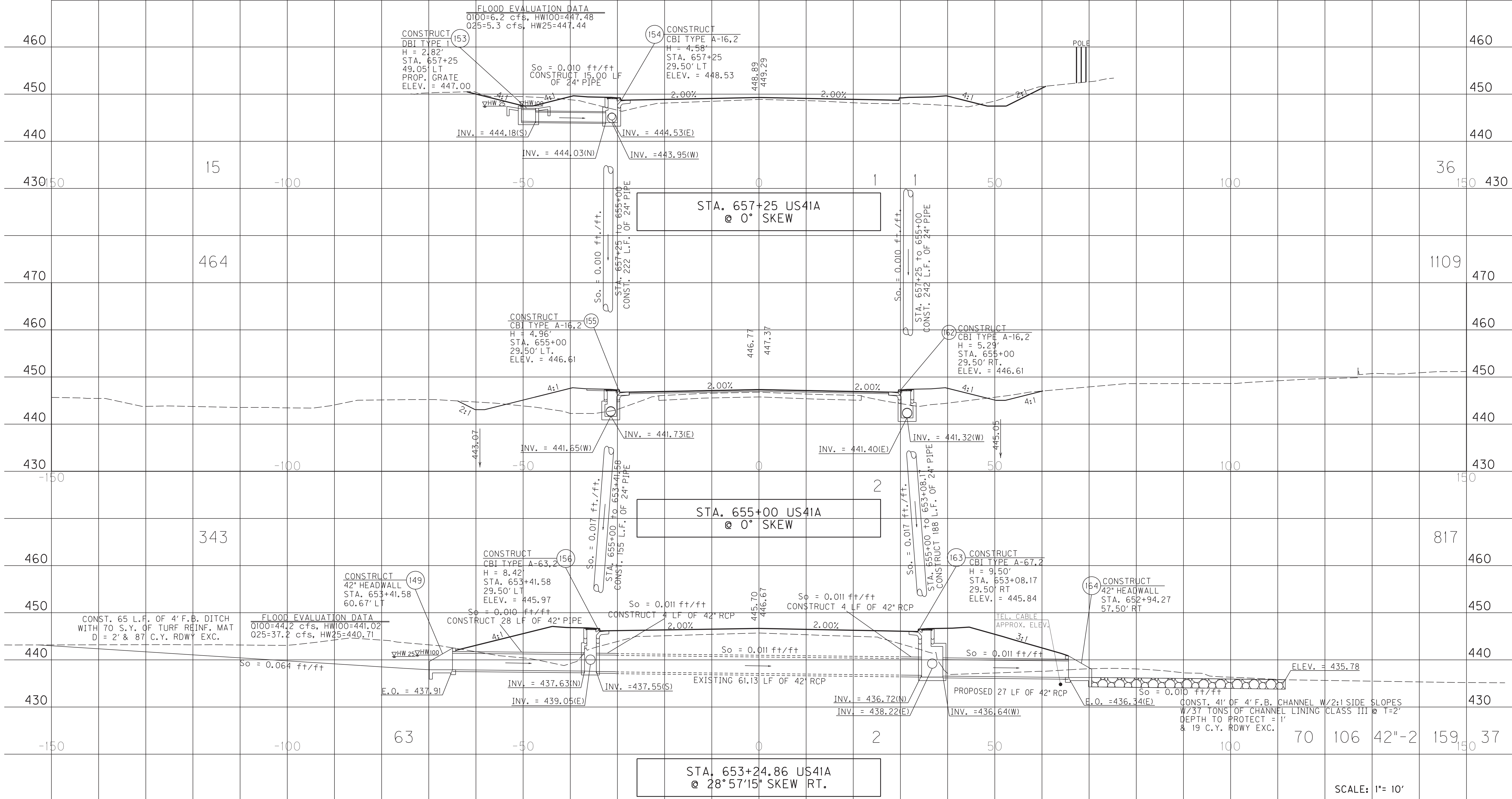
PIPE PROFILE SHEET
US 41A STA. 650+53.23,
STA. 651+60 & STA. 652+00

MicroStation v8.11.7.443
 E-SHEET NAME: R12400PD
 DATE PLOTTED: October 11, 2017
 USER: rrobinson
 FILE NAME: G:\PLOT\R12400PD.DGN

PIPE DRAINAGE SHEET 6 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R125

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON



FILE NAME: G:\PLOT\RI2500PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI2500PD
 MicroStation v8.11.7.443

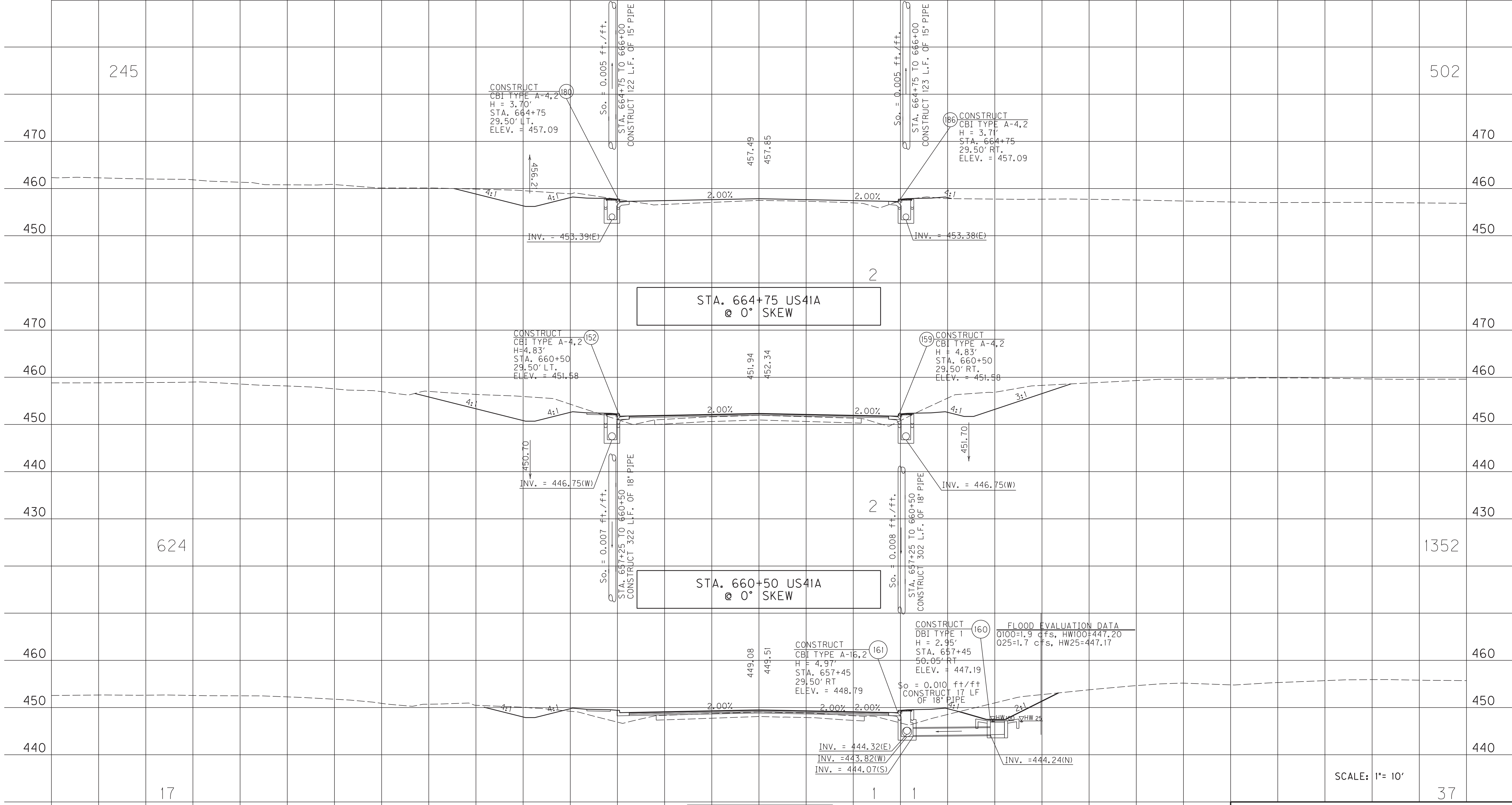
PIPE PROFILE SHEET
 US 41A STA. 653+24.86,
 STA. 655+00 & STA. 657+25

SCALE: 1" = 10'

PIPE DRAINAGE SHEET 7 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R126

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I					S&F Box Inlet-Outlet			MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C																	
L I N E A R F E E T								E A C H																	SY	CY	TYEA	SY	TON				



STA. 657+45 US41A @ 0° SKEW

STA. 660+50 US41A @ 0° SKEW

STA. 664+75 US41A @ 0° SKEW

PIPE PROFILE SHEET US 41A STA. 657+45, STA. 660+50 & STA. 664+25

SCALE: 1"= 10'

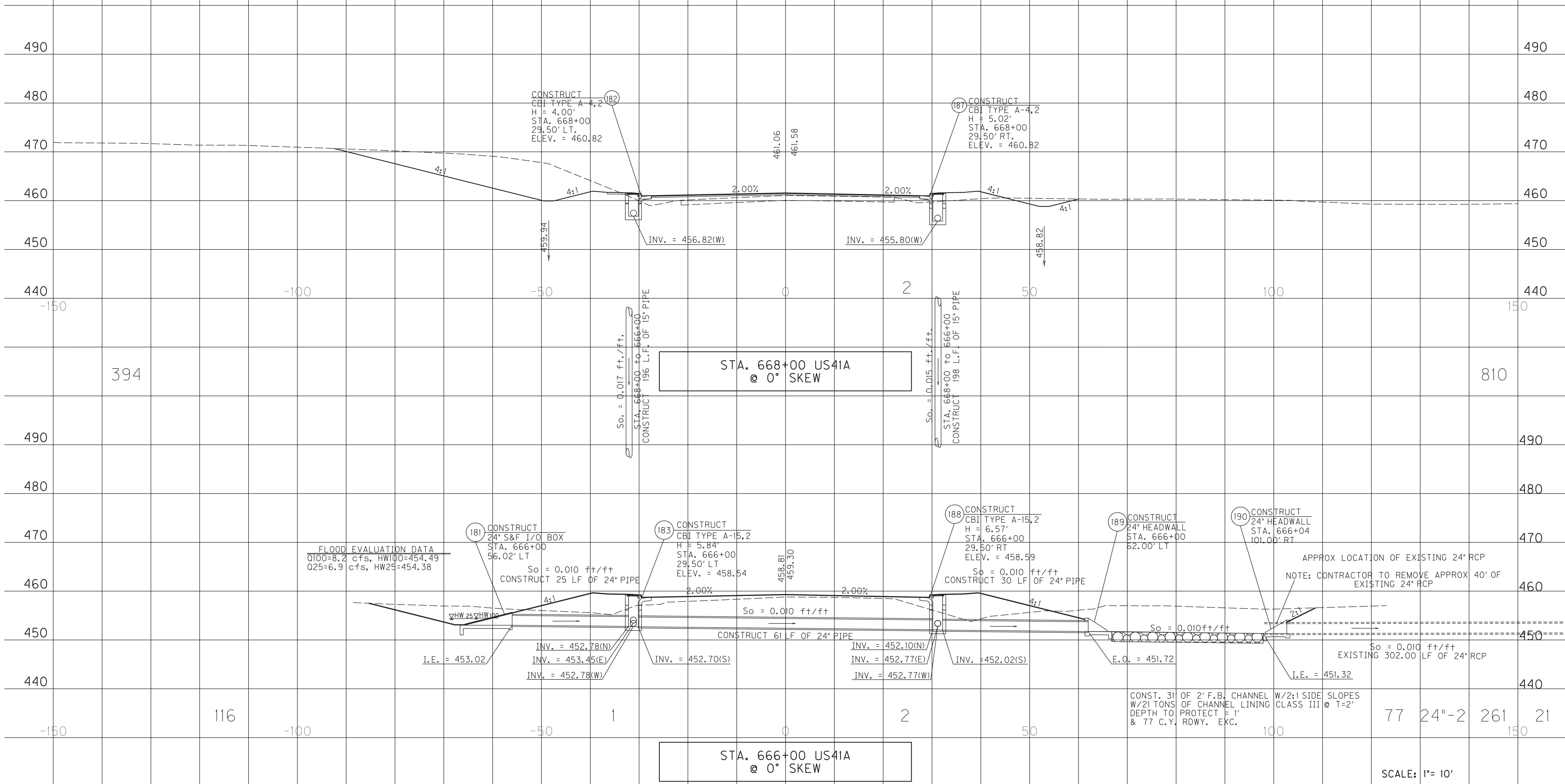
37

MicroStation v8.11.7.443 E-SHEET NAME: R12600PD USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: G:\PLOT\R12600PD.DGN

PIPE DRAINAGE SHEET 8 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI27

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H															SY	CY	TYEA	SY	TON			



FLOOD EVALUATION DATA
 Q100=8.2 cfs, HW100=454.49
 Q25=6.9 cfs, HW25=454.38

APPROX LOCATION OF EXISTING 24" RCP
 NOTE: CONTRACTOR TO REMOVE APPROX 40' OF EXISTING 24" RCP

CONST. 31' OF 2' F.B. CHANNEL W/2:1 SIDE SLOPES W/21 TONS DEPTH TO PROTECT = 1' & 77 C.Y. RDWY. EXC.

SCALE: 1"= 10'

PIPE PROFILE SHEET
 US 41A
 STA. 666+00 & STA. 668+00

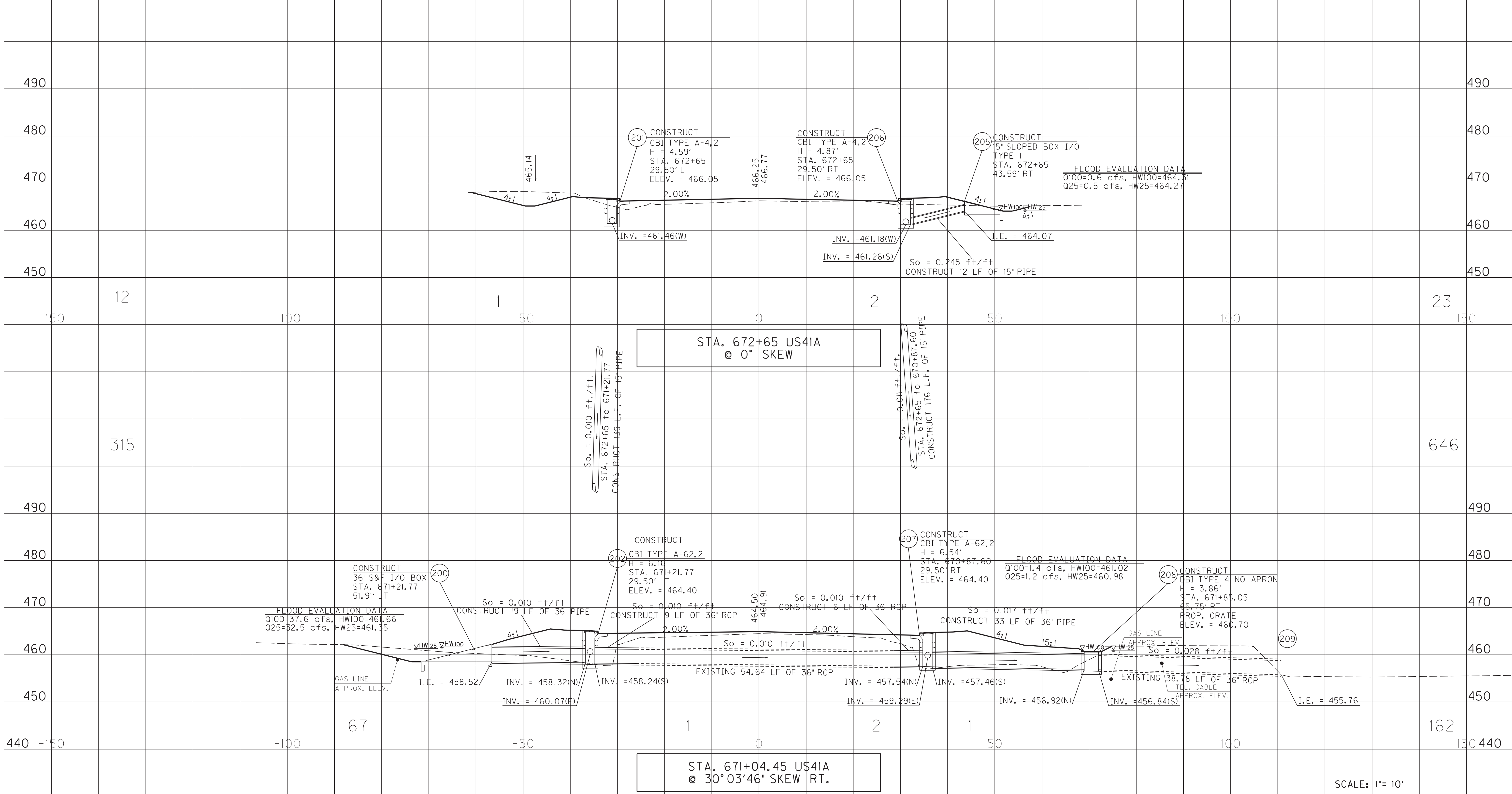
FILE NAME: G:\PLOT\RI2700PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI2700PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 9 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R128

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														

L I N E A R F E E T E A C H



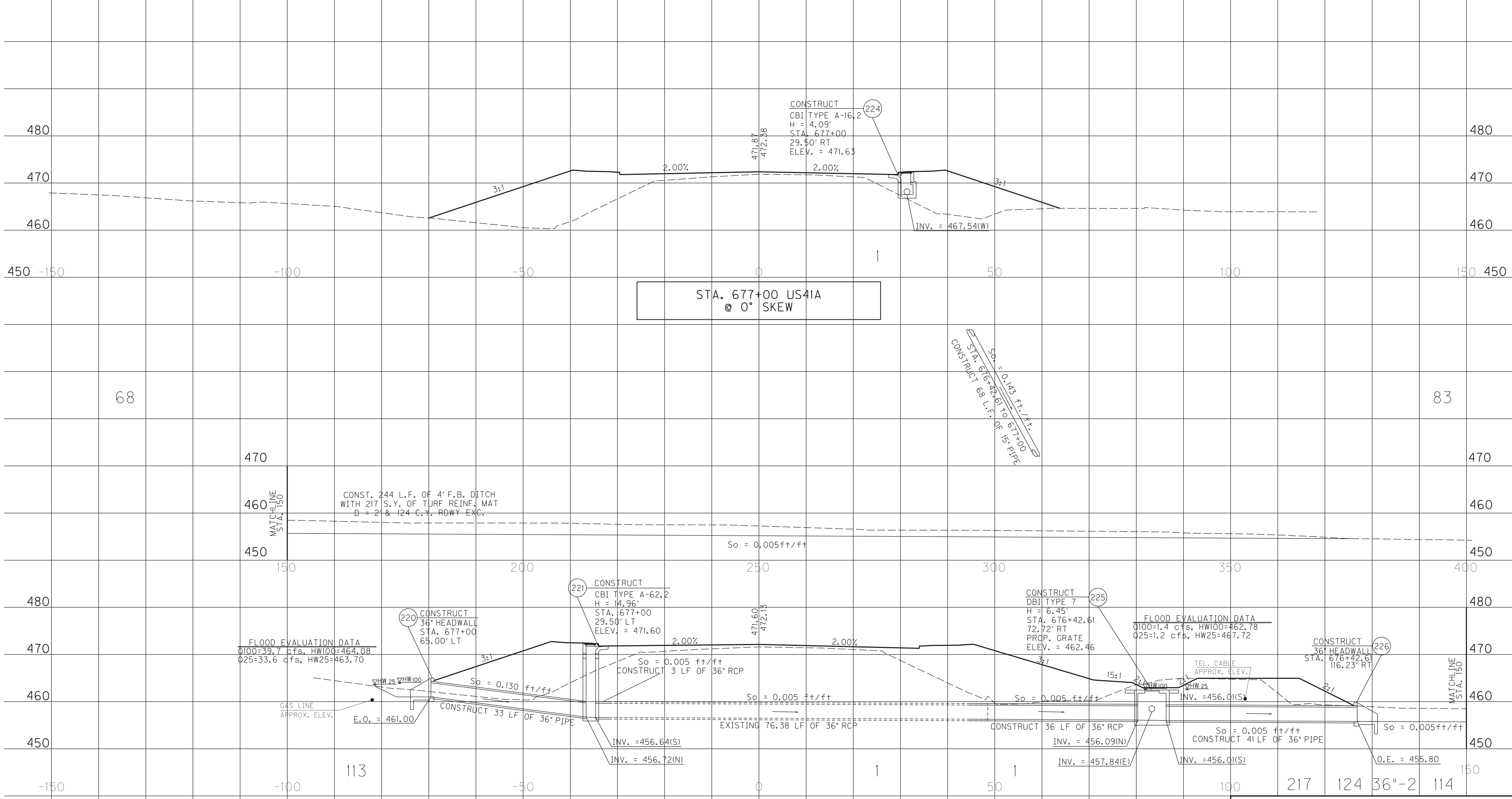
MicroStation v8.11.7.443 E-SHEET NAME: R12800PD USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: G:\PLOT\R12800PD.DGN

PIPE PROFILE SHEET
US 41A
STA. 671+04.45 & STA. 672+65

PIPE DRAINAGE SHEET 10 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R129

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 677+00 US41A
@ 0° SKEW

STA. 676+82.91 US41A
@ 29° 41' 36" SKEW RT.

SCALE: 1" = 10'

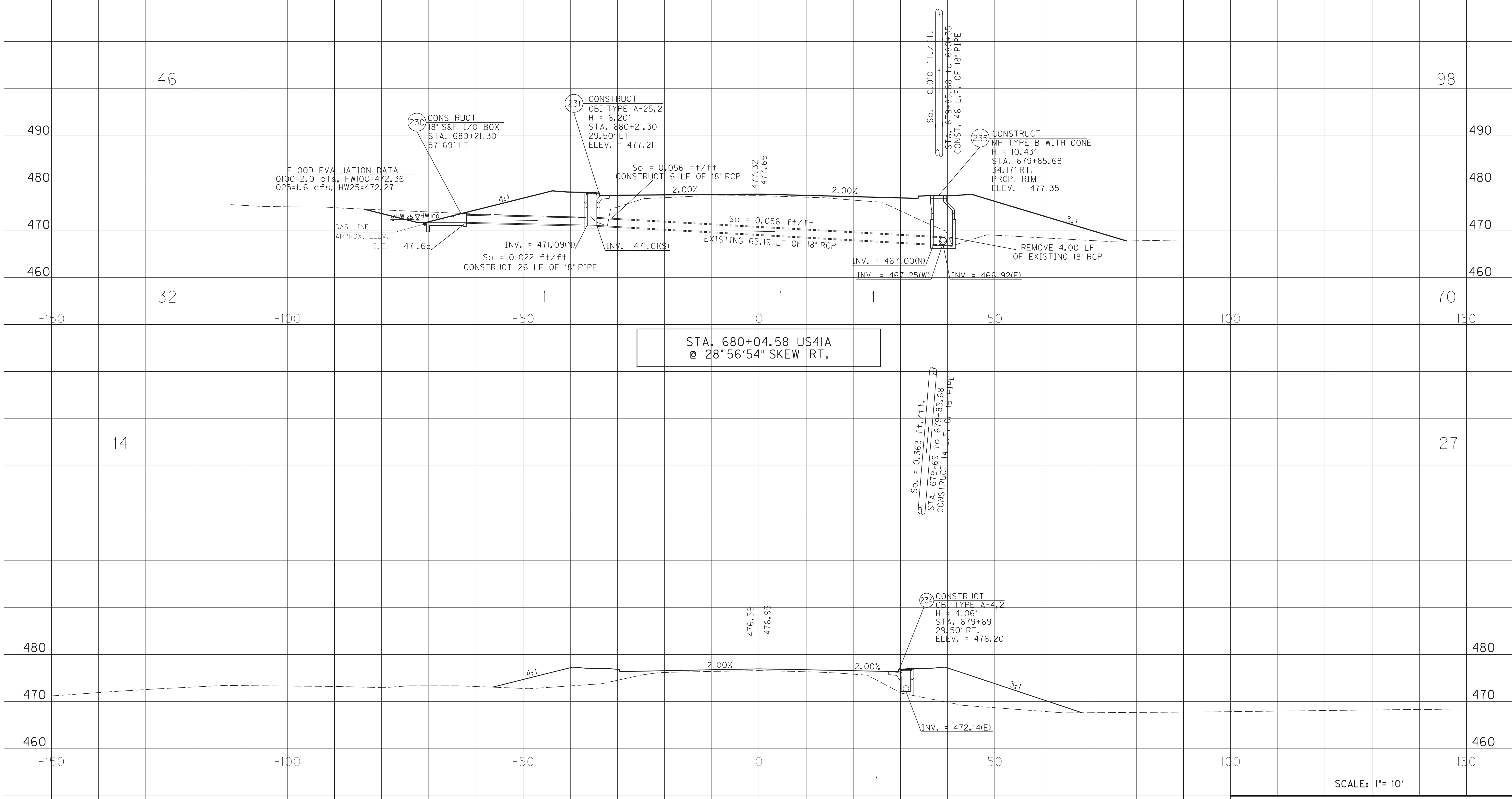
PIPE PROFILE SHEET
US 41A
STA. 676+82.91 & STA. 677+00

FILE NAME: C:\PLOT\RI2900PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI2900PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 11 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R130

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H															SY	CY	TYEA	SY	TON				



STA. 680+04.58 US41A
@ 28°56'54" SKEW RT.

STA. 679+69 US41A
@ 0° SKEW

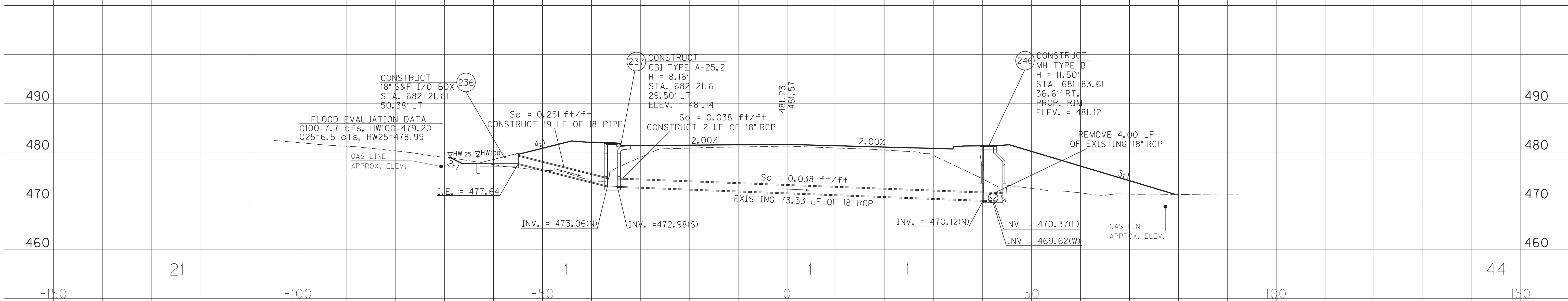
SCALE: 1"= 10'
PIPE PROFILE SHEET
US 41A
STA. 679+69 & STA. 680+04.58

MicroStation v8.11.7.443 E-SHEET NAME: R13009PD USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: C:\PLOT\R13009PD.DGN

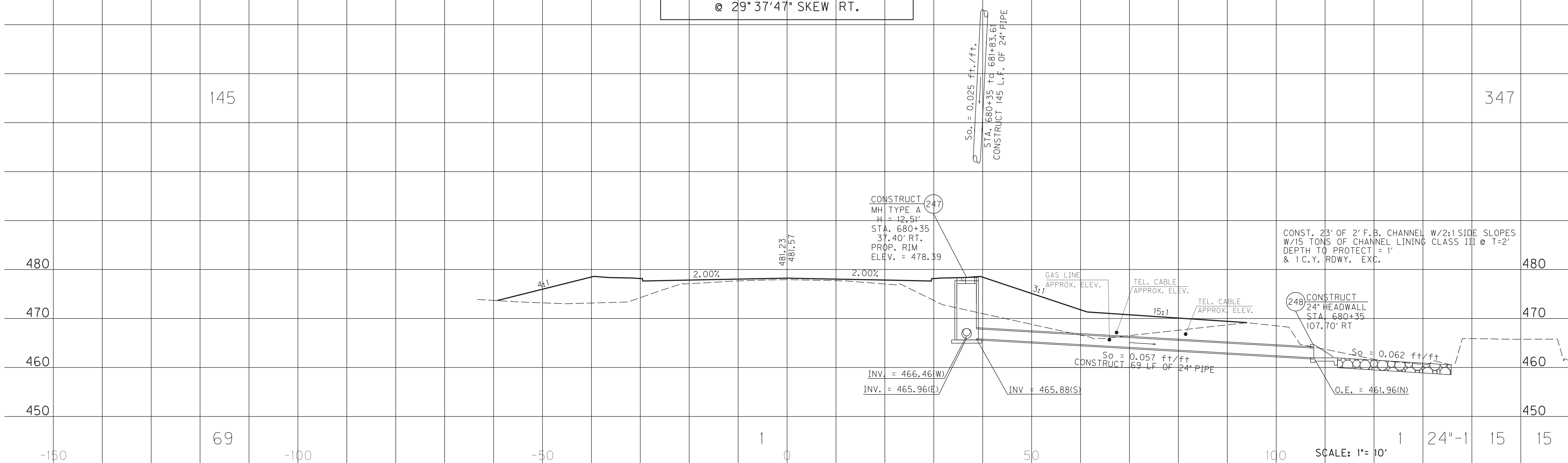
PIPE DRAINAGE SHEET 12 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R131

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		S Y	C Y	T Y E A	S Y	T O N	



**STA. 682+04.43 US41A
@ 29° 37' 47" SKEW RT.**



**STA. 680+35 US41A
@ 0° SKEW**

SCALE: 1" = 10'
 1 24"-1 15 15

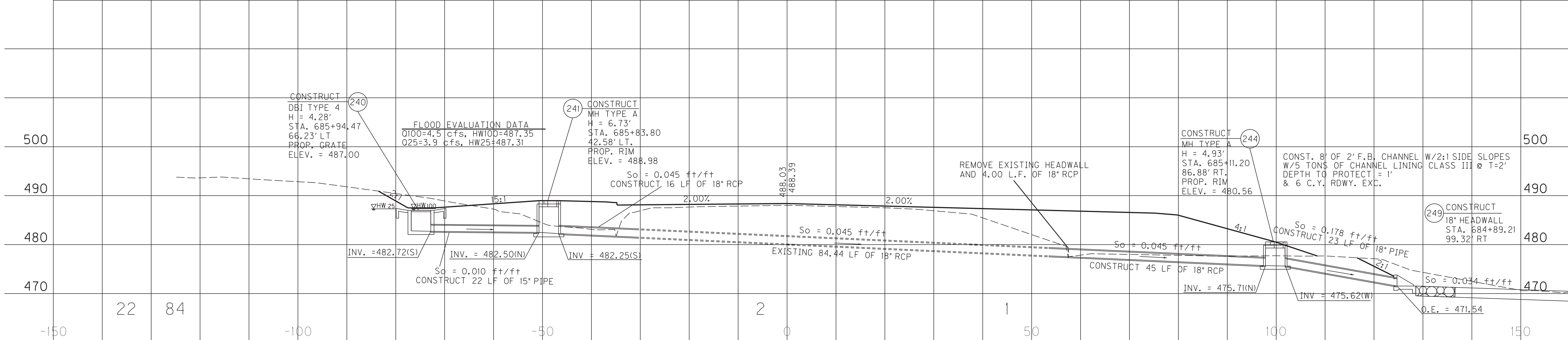
**PIPE PROFILE SHEET
US 41A
STA. 680+35 & STA. 682+04.43**

FILE NAME: G:\PLOT\RI3100PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI3100PD
 MicroStation v8.11.7.443

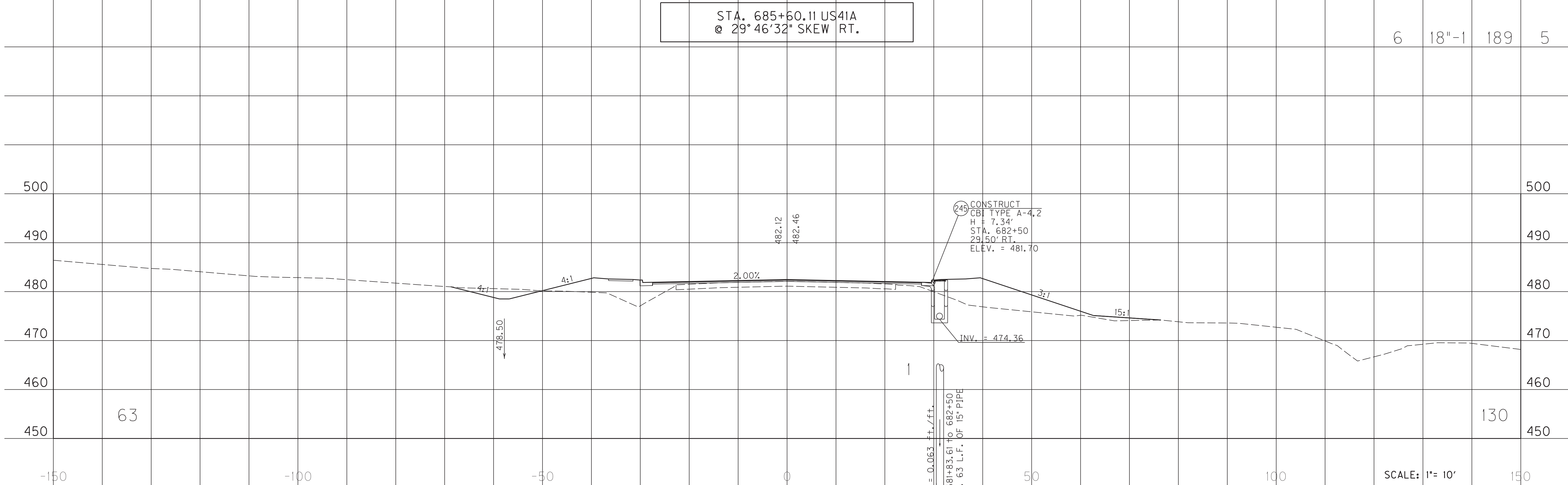
PIPE DRAINAGE SHEET 13 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI32

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 685+60.11 US41A
@ 29° 46' 32" SKEW RT.



STA. 682+50 US41A
@ 0° SKEW

PIPE PROFILE SHEET
US 41A
STA. 682+50 & STA. 685+60.11

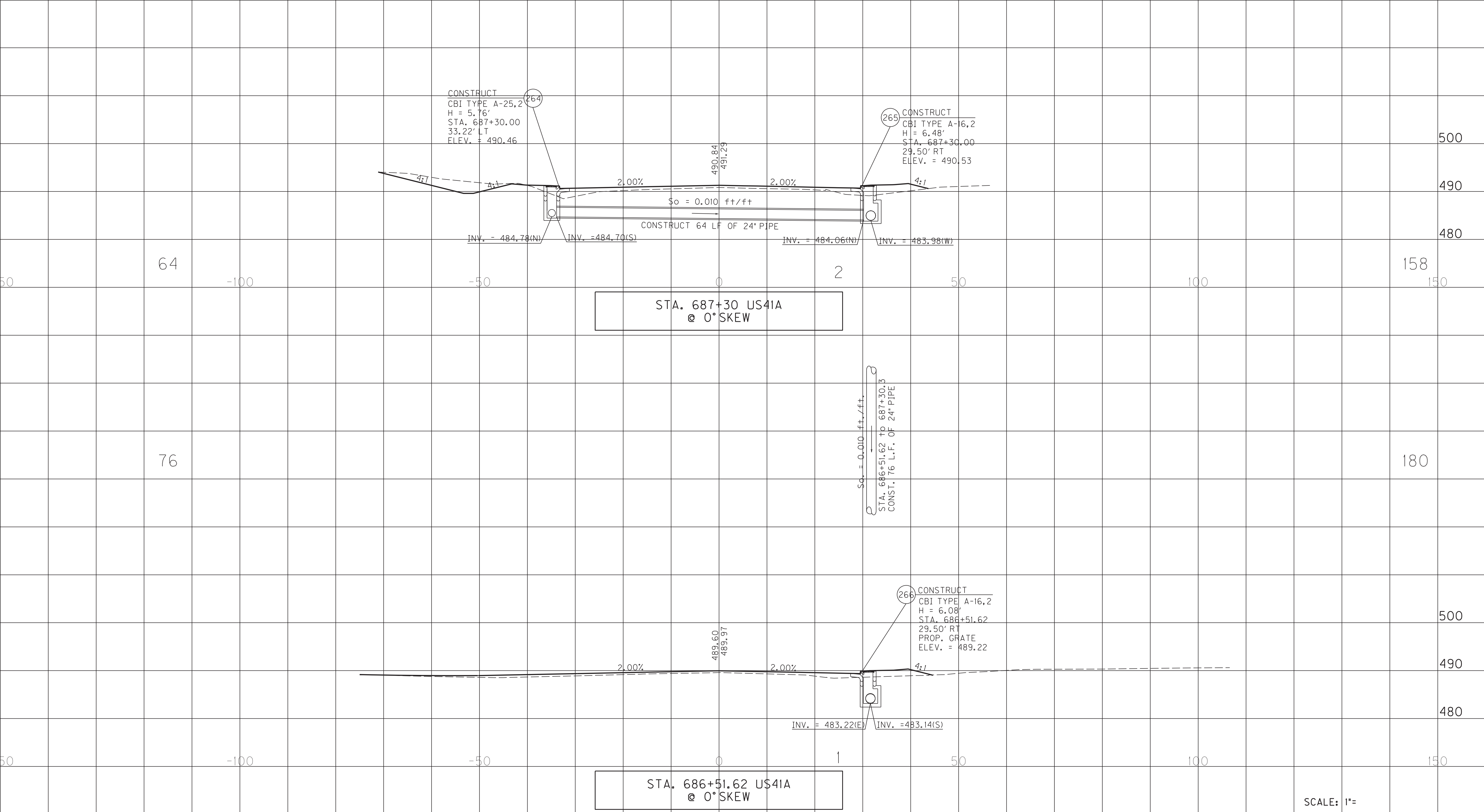
MicroStation v8.11.7.443 E-SHEET NAME: RI3200PD USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: C:\PLOT\RI3200PD.DGN

SCALE: 1" = 10'

PIPE DRAINAGE SHEET 15 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI34

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



SCALE: 1"=

PIPE PROFILE SHEET
US 41A
STA. 686+52 & STA. 687+30

FILE NAME: G:\PLOT\RI3400PD.DGN

USER: rrobinson
DATE PLOTTED: October 11, 2017

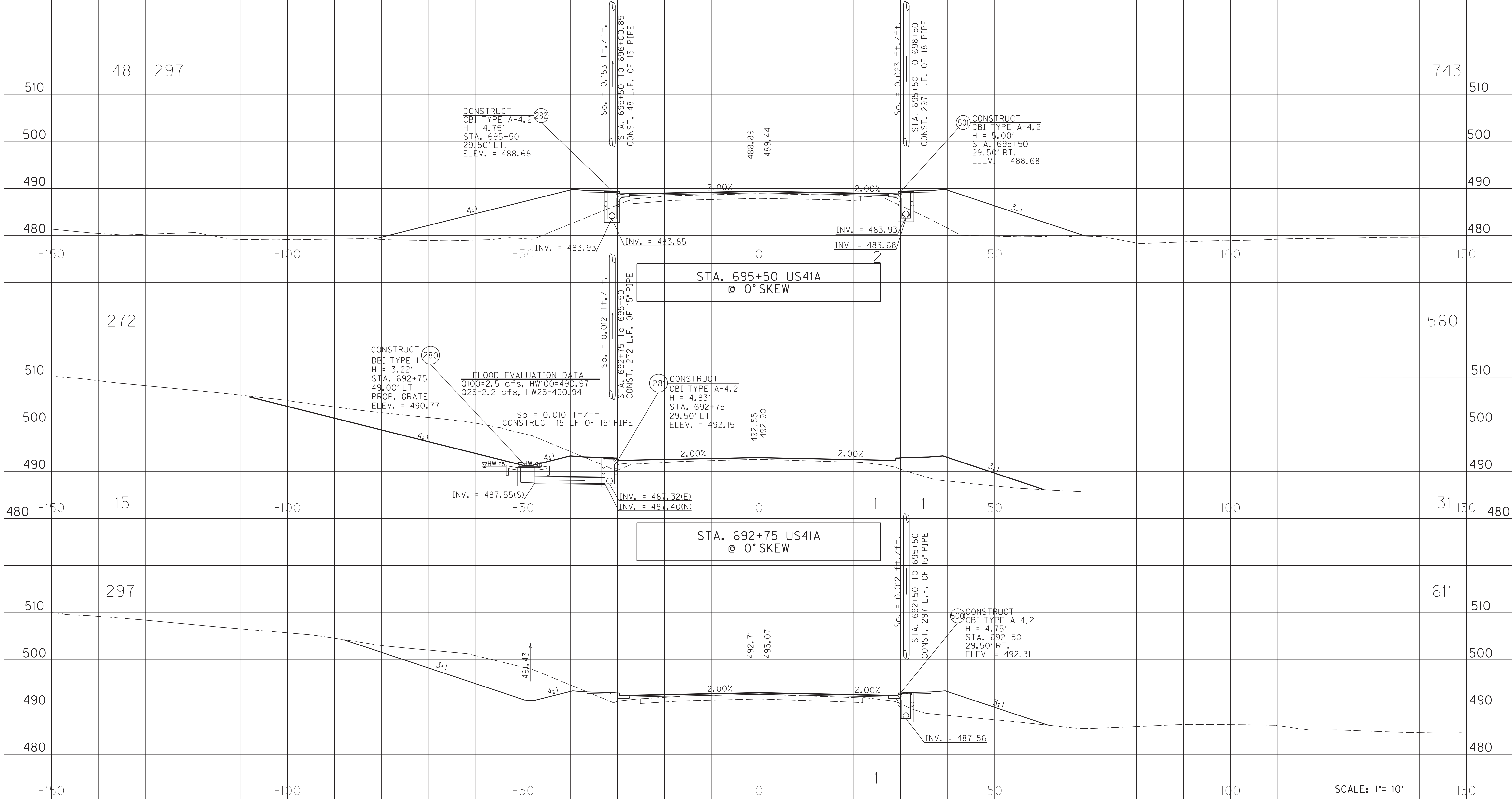
E-SHEET NAME: RI3400PD

MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 16 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI35

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



MicroStation v8.11.7.443
 E-SHEET NAME: RI3500PD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\RI3500PD.DGN

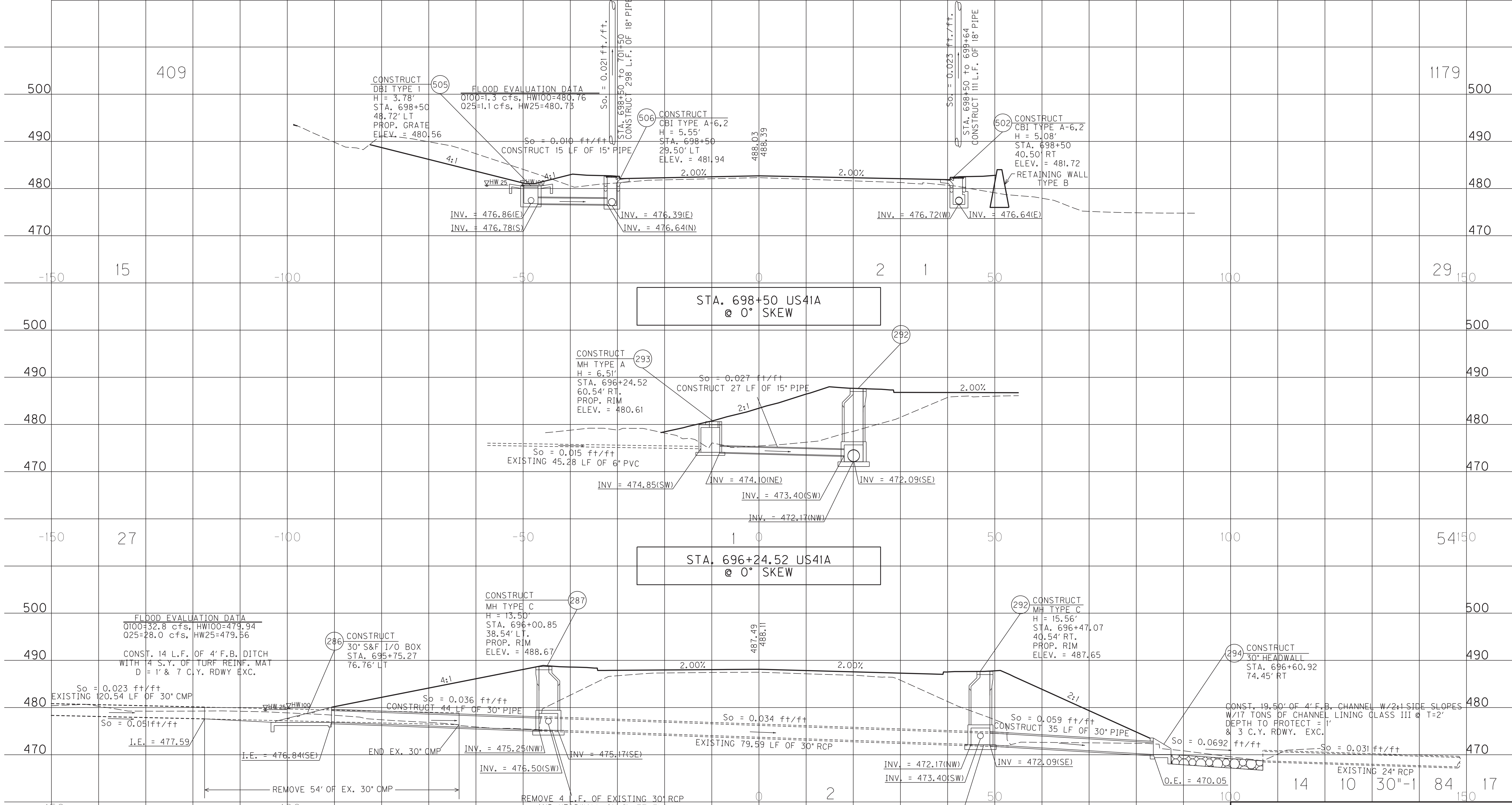
PIPE PROFILE SHEET
 US 41A STA. 692+50,
 STA. 692+75 & STA. 695+50

SCALE: 1"= 10'

PIPE DRAINAGE SHEET 17 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R136

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



FILE NAME: G:\PLOT\RI3600PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI3600PD
 MicroStation v8.11.7.443

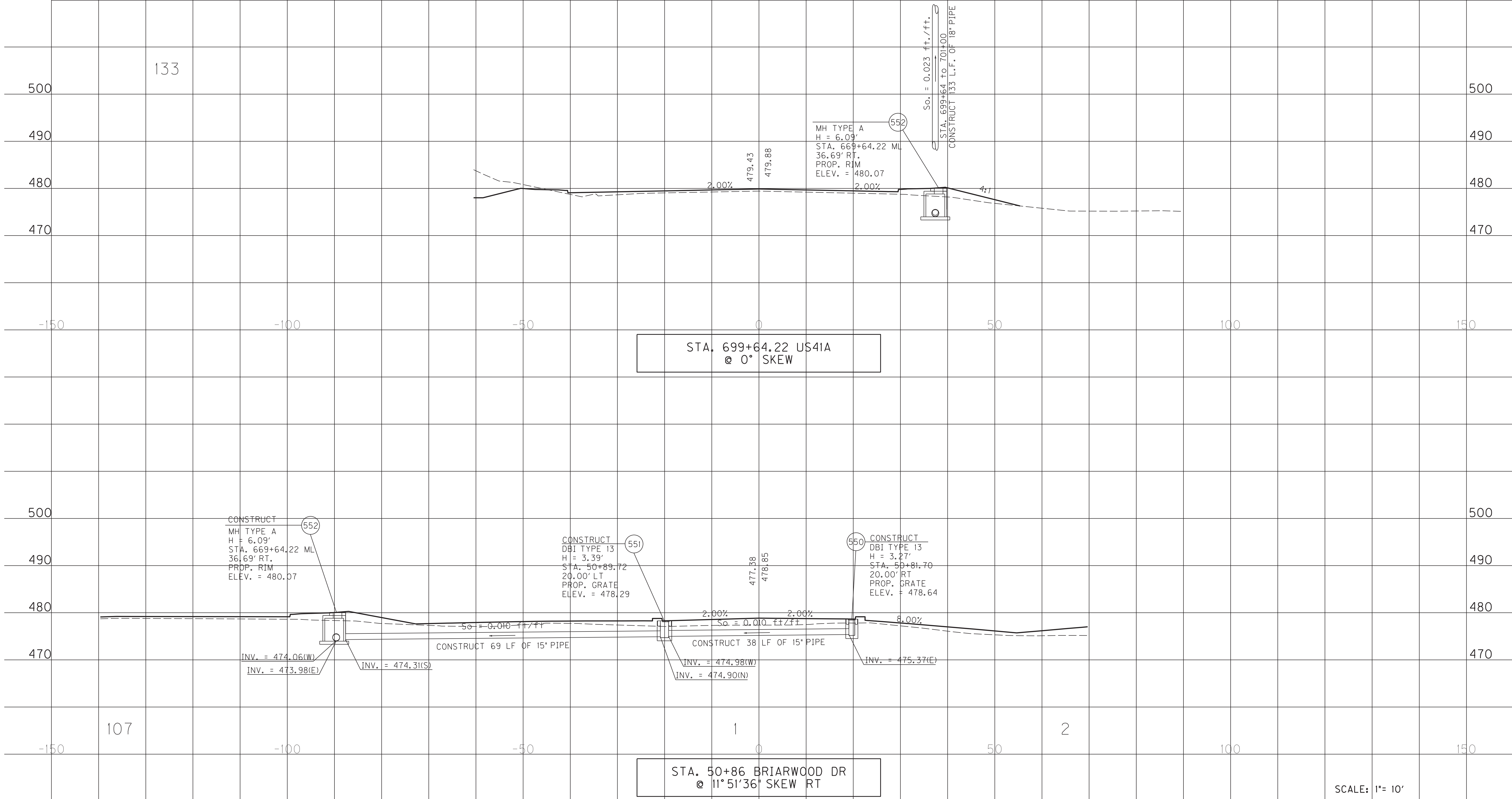
PIPE PROFILE SHEET
 US 41A STA. 696+23.38,
 STA. 696+24.52 & STA. 698+50

SCALE: 1" = 10'

PIPE DRAINAGE SHEET 17a of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R136a

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I					S&F Box Inlet-Outlet			MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C																	
L I N E A R F E E T								E A C H																	SY	CY	TYEA	SY	TON				



SCALE: 1"= 10'

PIPE PROFILE SHEET
BRIARWOOD DRIVE
STA. 50+86

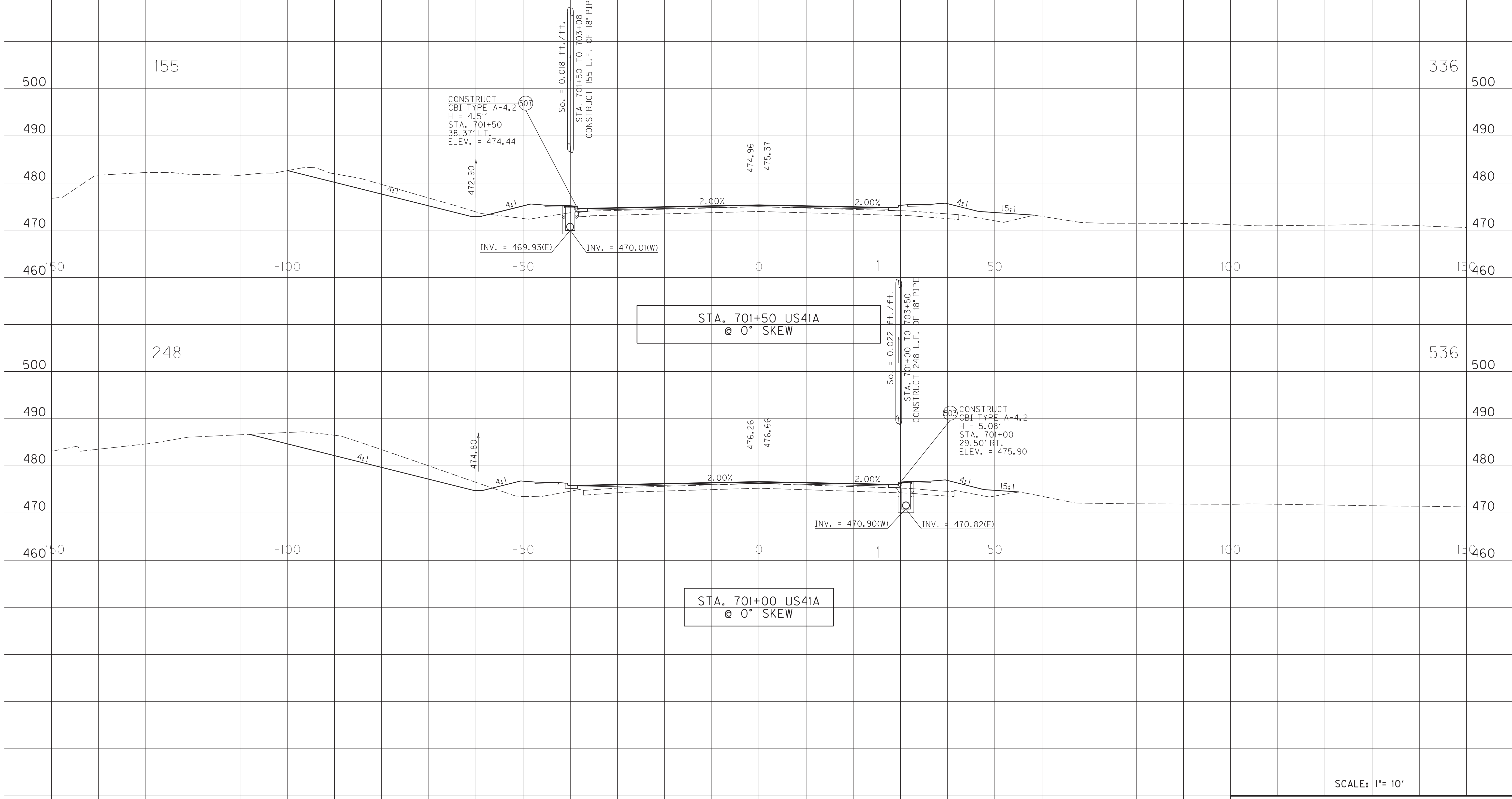
MicroStation v8.11.7.443
 E-SHEET NAME: R1360APD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R1360APD.DGN

PIPE DRAINAGE SHEET 18 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R137

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														

L I N E A R F E E T **E A C H** **SY** **CY** **TYEA** **SY** **TON**



SCALE: 1"= 10'

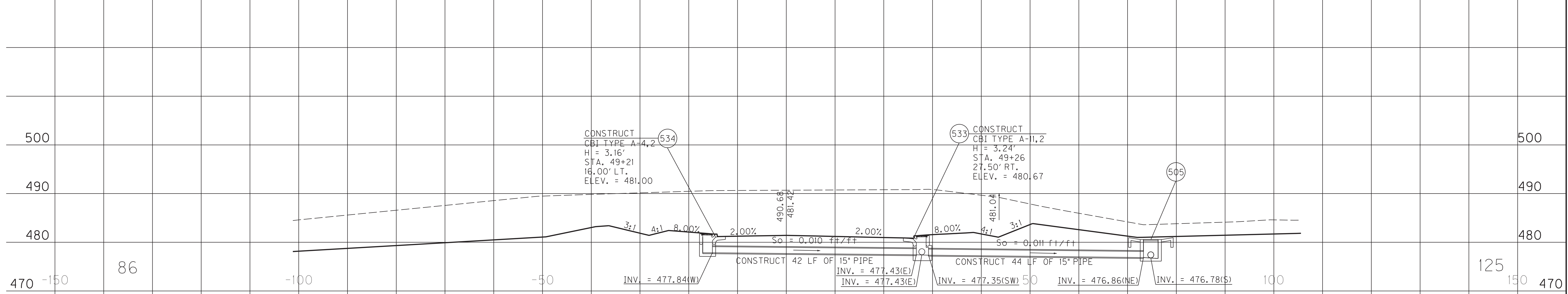
PIPE PROFILE SHEET
US 41A
STA. 701+00 & STA. 701+50

MicroStation v8.11.7.443
 E-SHEET NAME: R13700PD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: G:\PLOT\R13700PD.DGN

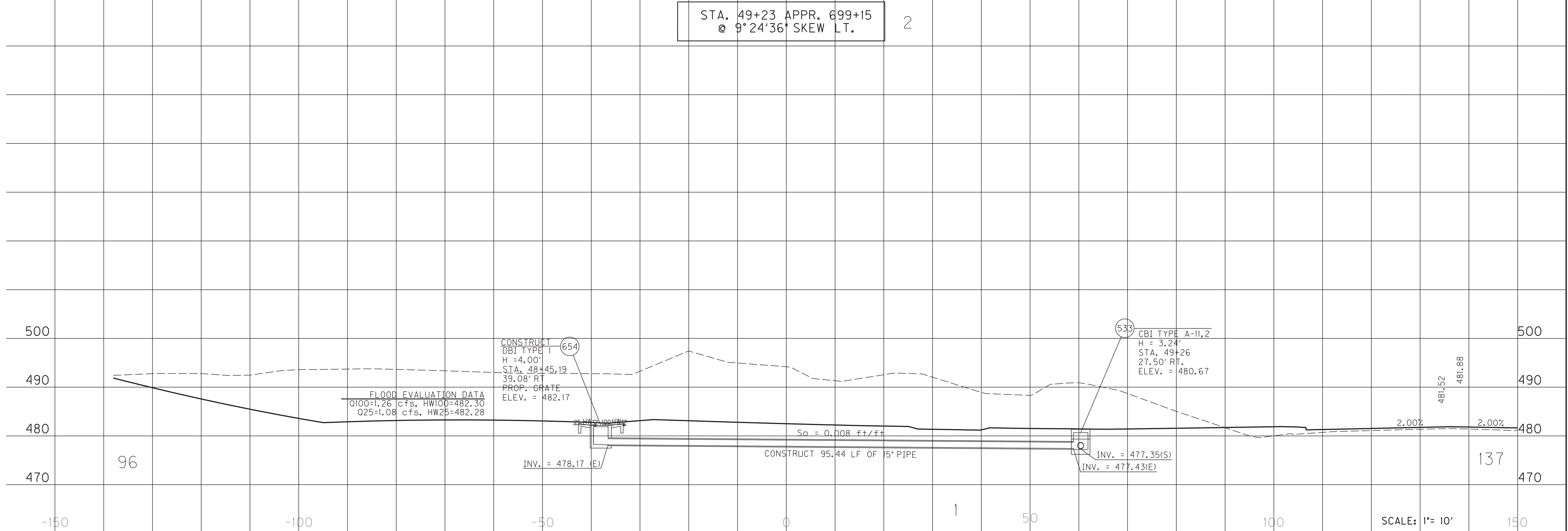
PIPE DRAINAGE SHEET 19 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI38

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



STA. 49+23 APPR. 699+15
@ 9°24'36" SKEW LT.



STA. 48+45.19
APPROACH 699+15 RT
@ 11° SKEW LT

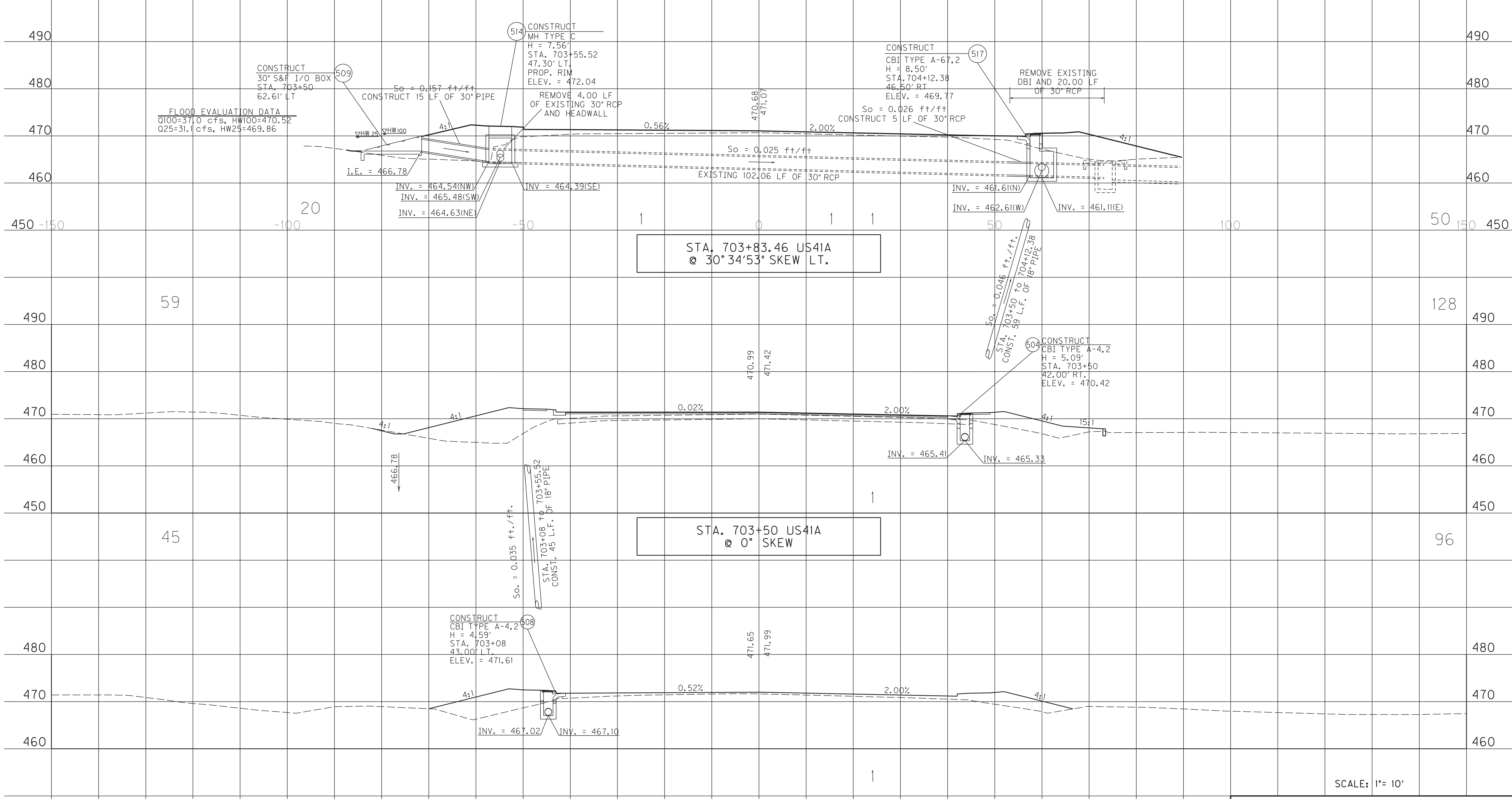
PIPE PROFILE SHEET
APPROACH 699+15
STA. 48+45 & STA. 49+23

FILE NAME: G:\PLOT\RI3800PD.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: RI3800PD
MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 20 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R139

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



STA. 703+83.46 US41A
@ 30° 34'53" SKEW LT.

STA. 703+50 US41A
@ 0° SKEW

STA. 703+08 US41A
@ 0° SKEW

SCALE: 1"= 10'

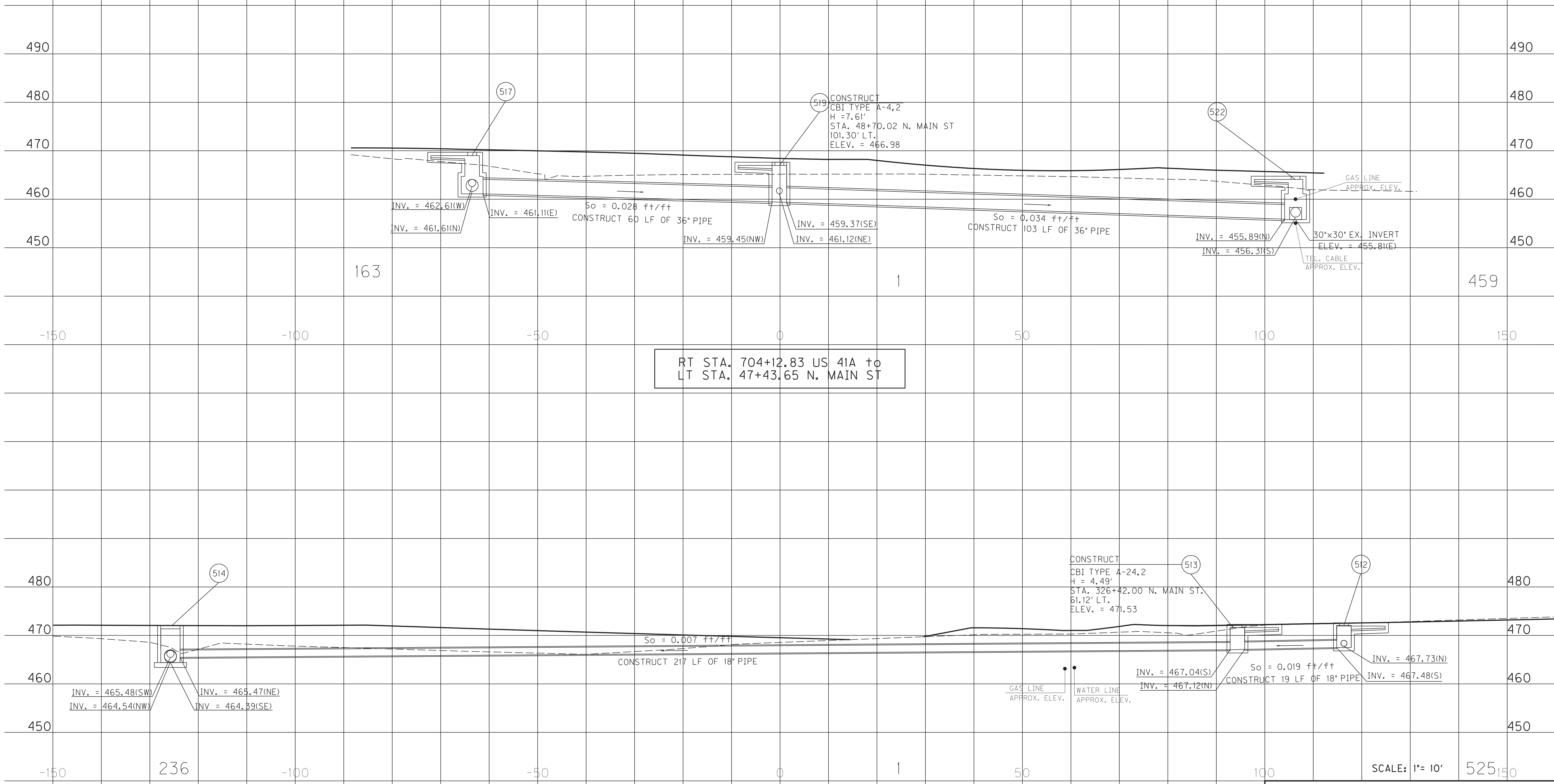
PIPE PROFILE SHEET
US 41A STA. 703+08,
STA. 703+50 & STA. 703+83.46

MicroStation v8.11.7.443
E-SHEET NAME: R13900PD
USER: rrobinson
DATE PLOTTED: October 11, 2017
FILE NAME: G:\PLOT\R13900PD.DGN

PIPE DRAINAGE SHEET 21 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R140

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H															SY	CY	TYEA	SY	TON				



RT STA. 704+12.83 US 41A to
LT STA. 47+43.65 N. MAIN ST

LT STA. 703+55.52 US41A to
LT STA. 326+64 N. MAIN ST

SCALE: 1"= 10' 525

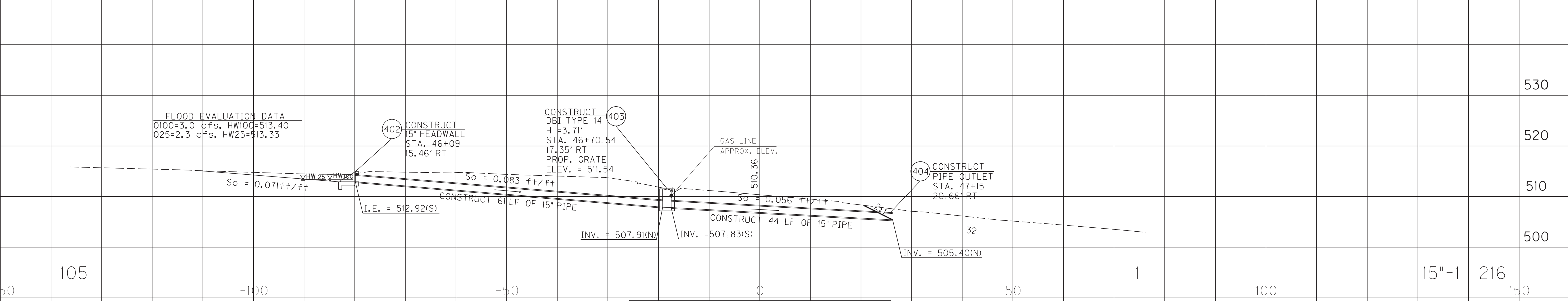
PIPE PROFILE SHEET
US 41 AND MAIN ST
NW RADIUS AND SW RADIUS

FILE NAME: C:\PLOT\RI4000PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4000PD
 MicroStation v8.11.7.443

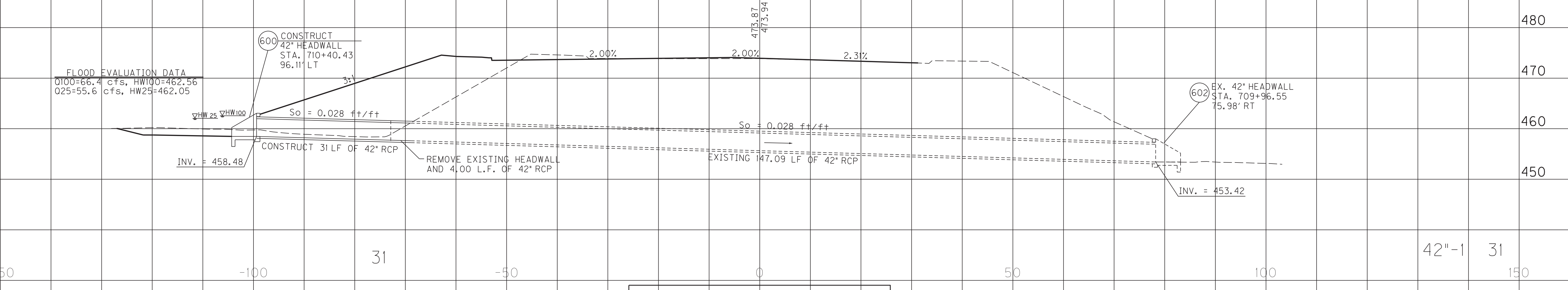
PIPE DRAINAGE SHEET 22 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI41

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 46+70.54 to 47+15
PRIDE AVENUE RT



STA. 710+16 US41A
@ 0° SKEW

SCALE: 1" = 10'

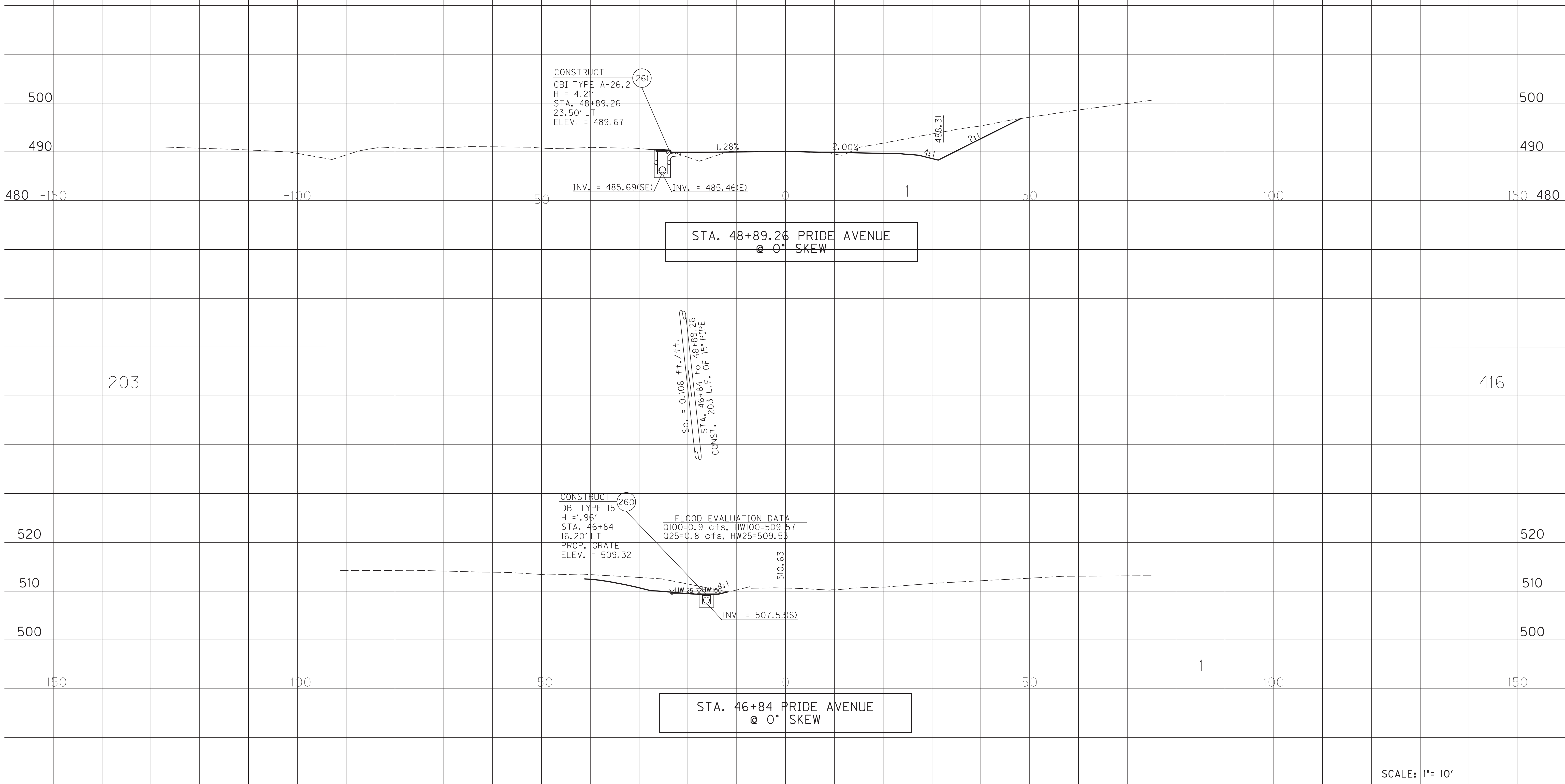
PIPE PROFILE SHEET
STA. 710+16 US 41A
STA. 46+70.54 to 47+15 PRIDE AVE R

FILE NAME: C:\PLOT\RI4100PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4100PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 23 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R142

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III								
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C																						
L	I	N	E	A	R	F	E	E	T	E																	A	C	H						SY	CY	TYEA	SY	TON



STA. 48+89.26 PRIDE AVENUE @ 0° SKEW

FLOOD EVALUATION DATA
 Q100=0.9 cfs, HW100=509.57
 Q25=0.8 cfs, HW25=509.53

STA. 46+84 PRIDE AVENUE @ 0° SKEW

SCALE: 1"= 10'

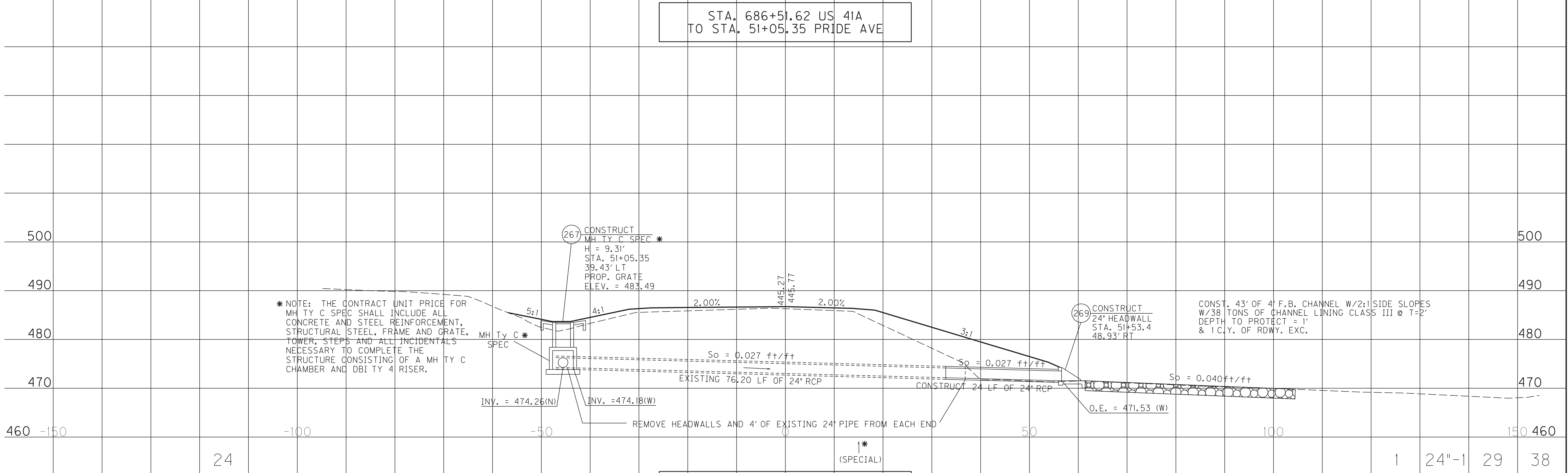
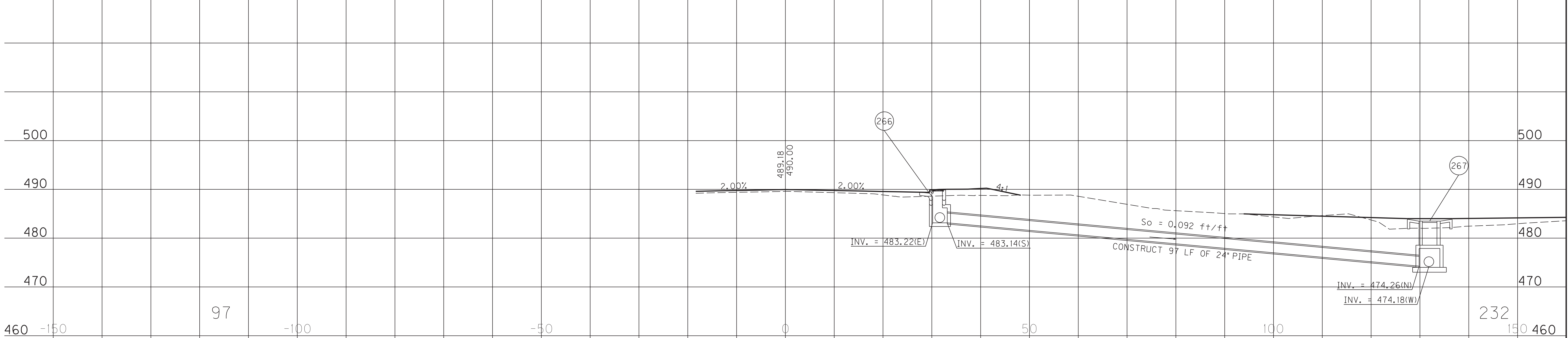
PIPE PROFILE SHEET
 PRIDE AVENUE
 STA. 46+84 & STA. 48+89.26

MicroStation v8.11.7.443 E-SHEET NAME: R14200PD USER: rrobinson DATE PLOTTED: October 11, 2017 FILE NAME: G:\PLOT\R14200PD.DGN

PIPE DRAINAGE SHEET 24 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	RI43

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C*														
L I N E A R F E E T								E A C H															SY	CY	TYEA	SY	TON				



* NOTE: THE CONTRACT UNIT PRICE FOR MH TY C SPEC SHALL INCLUDE ALL CONCRETE AND STEEL REINFORCEMENT, STRUCTURAL STEEL, FRAME AND GRATE, TOWER, STEPS AND ALL INCIDENTALS NECESSARY TO COMPLETE THE STRUCTURE CONSISTING OF A MH TY C CHAMBER AND DBI TY 4 RISER.

CONST. 43' OF 4' F.B. CHANNEL W/2:1 SIDE SLOPES W/38' TONS OF CHANNEL LINING CLASS III @ T=2' DEPTH TO PROTECT = 1' & 1 C.Y. OF RDWY. EXC.

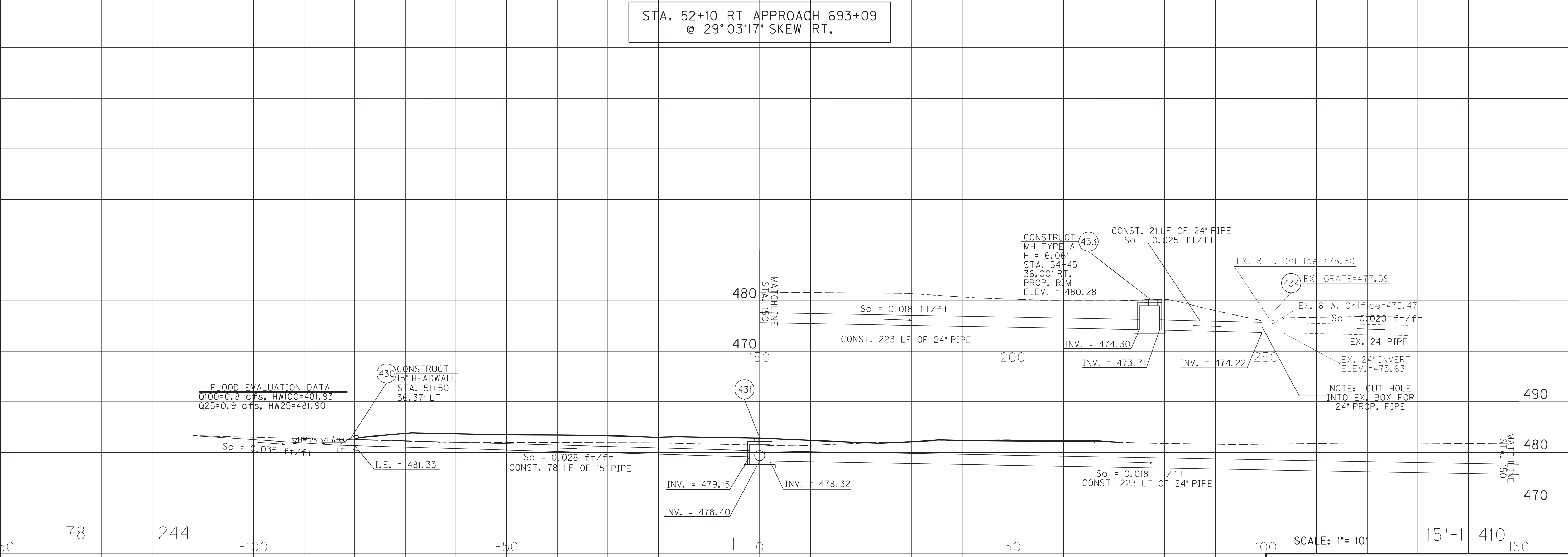
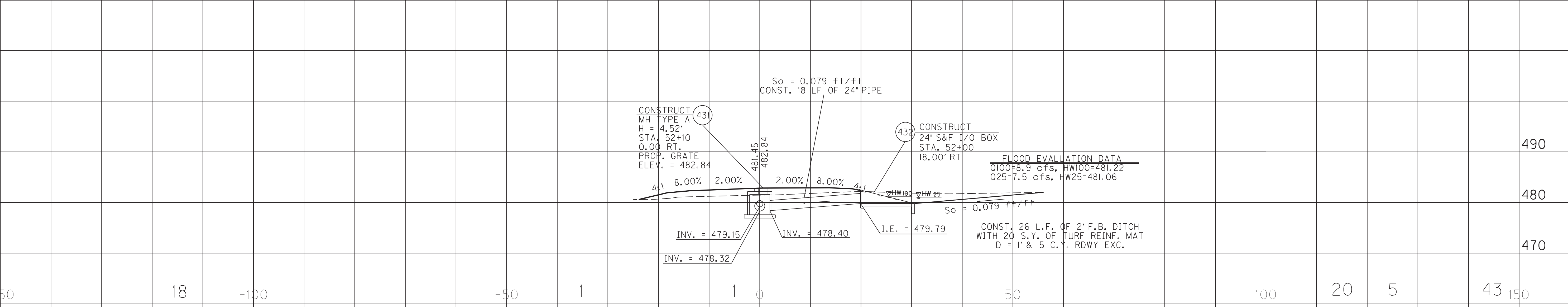
SCALE: 1" = 10'
 PIPE PROFILE SHEET
 STA. 686+51.62 US 41A
 & STA. 51+25.83 PRIDE AVE

FILE NAME: G:\PLOT\RI4300PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4300PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 25 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R144

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



APPROACH 693+09
STA. 52+00 RT TO STA. 54+45 RT

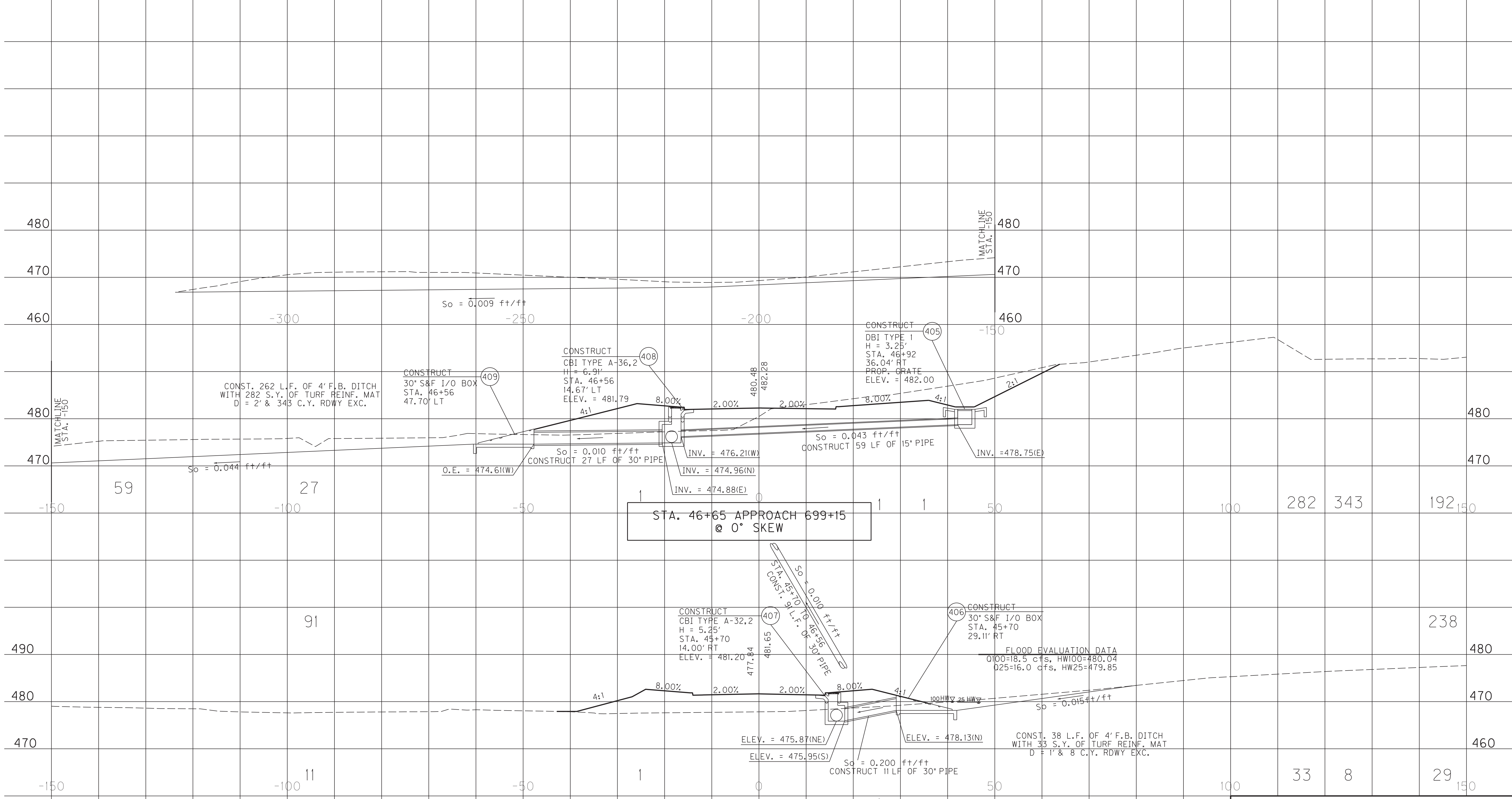
SCALE: 1"= 10'
15"-1 410
PIPE PROFILE SHEET
APPR RD 693+09
STA. 52+00 to 54+45

FILE NAME: C:\PLOT\RI4400PD.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: RI4400PD
MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 26 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R145

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III																
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C																														
L	I	N	E	A	R	F	E	E	T	E																	A	C	H	S										C	Y	E	A	S	T	O	N



STA. 46+65 APPROACH 699+15 @ 0° SKEW

STA. 45+70 APPROACH 699+15 @ 0° SKEW

FLOOD EVALUATION DATA
 Q100=18.5 cfs, HW100=480.04
 Q25=16.0 cfs, HW25=479.85

SCALE: 1" = 10'

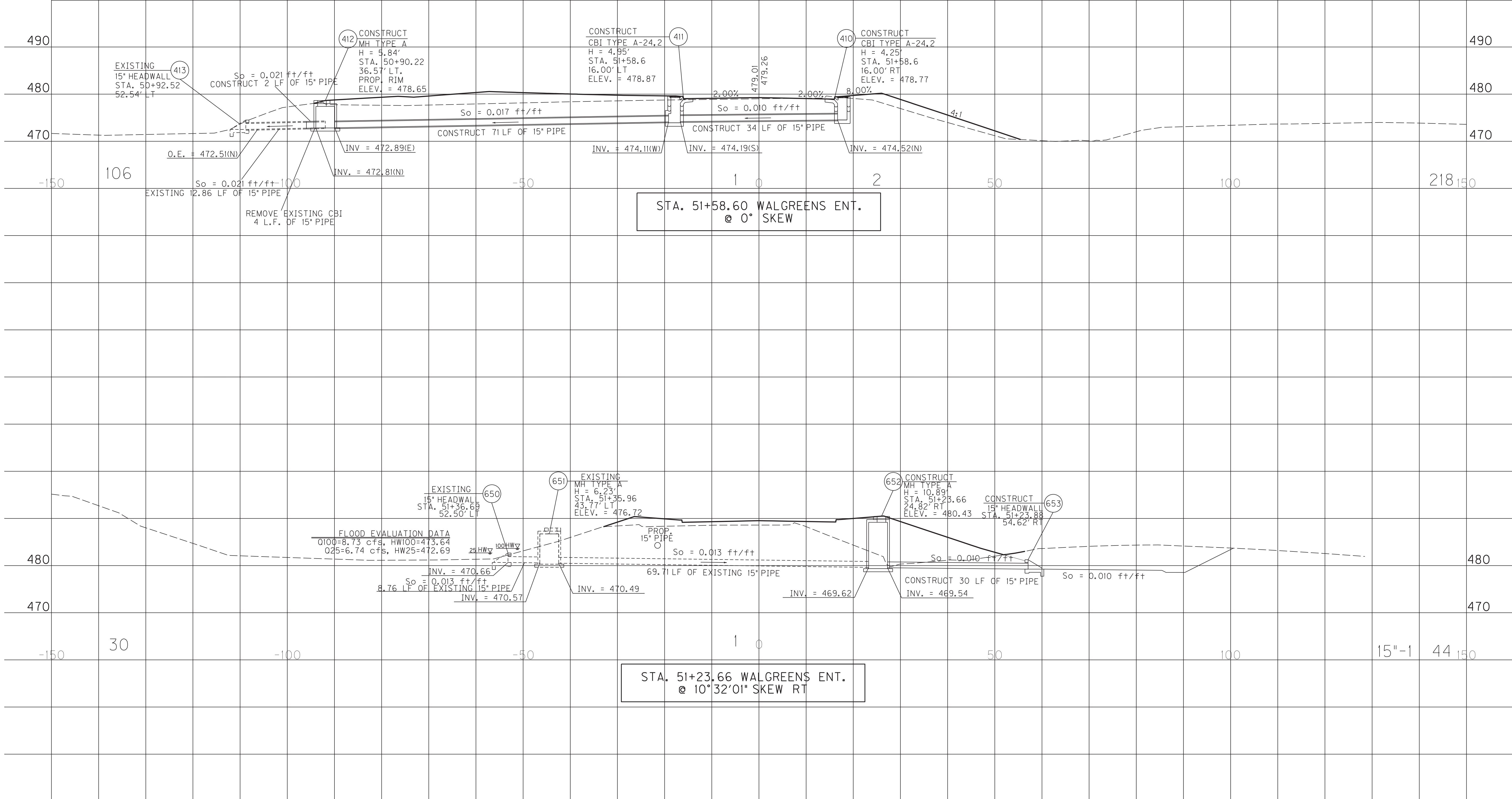
PIPE PROFILE SHEET
 APPR 699+15 STA. 45+70 & 46+65

FILE NAME: G:\PLOT\RI4500PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4500PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 27 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R146

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



STA. 51+58.60 WALGREENS ENT. @ 0° SKEW

STA. 51+23.66 WALGREENS ENT. @ 10°32'01" SKEW RT

SCALE: 1" = 10'

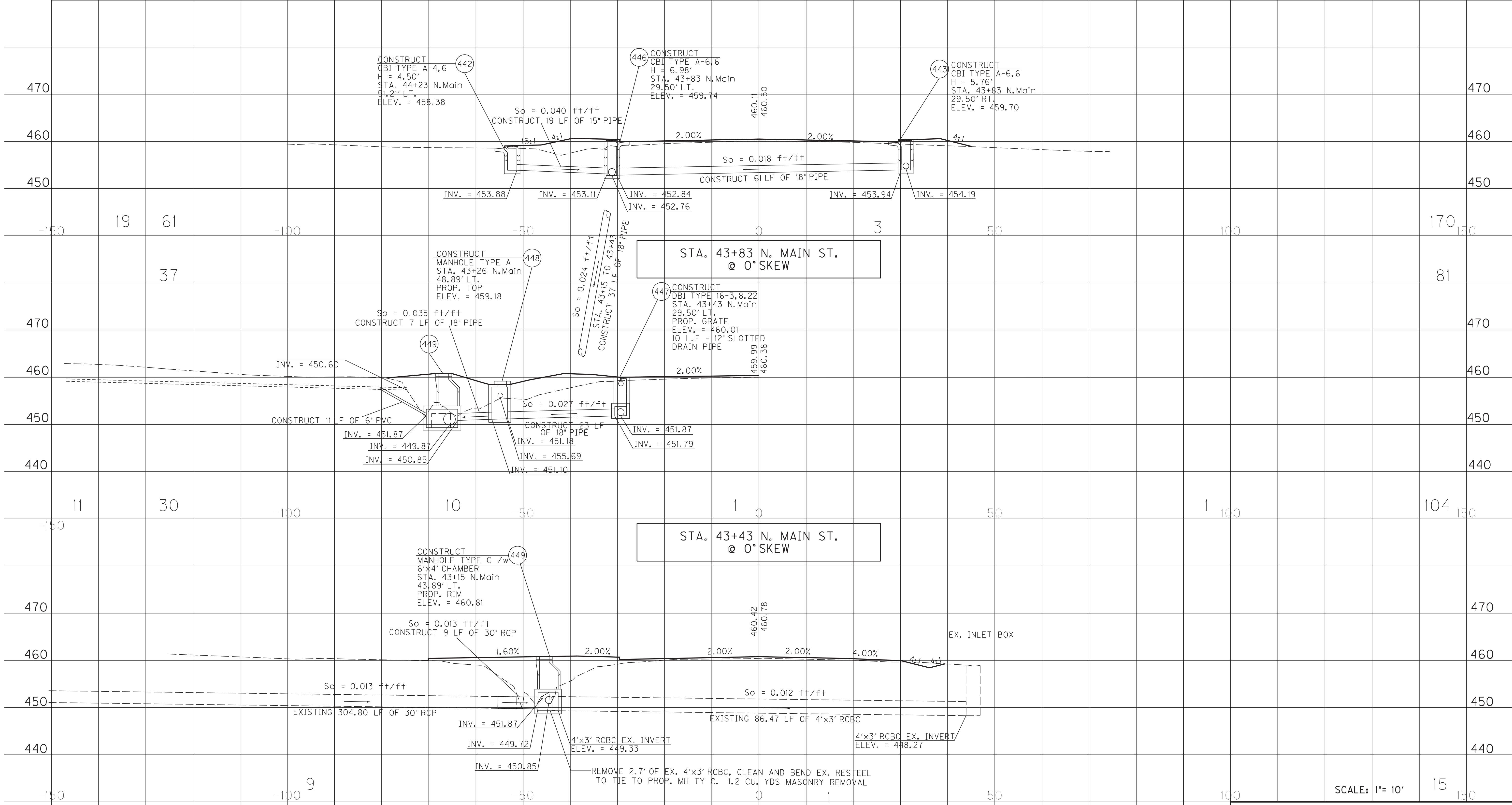
PIPE PROFILE SHEET
WALGREENS ENT. STA. 51+23.66
WALGREENS ENT. STA. 51+58.60

FILE NAME: C:\PLOT\RI4600PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4600PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 28 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R147

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C														



STA. 43+83 N. MAIN ST.
@ 0° SKEW

STA. 43+43 N. MAIN ST.
@ 0° SKEW

STA. 43+14.94 N. MAIN ST.
@ 0°04'52" SKEW RT.

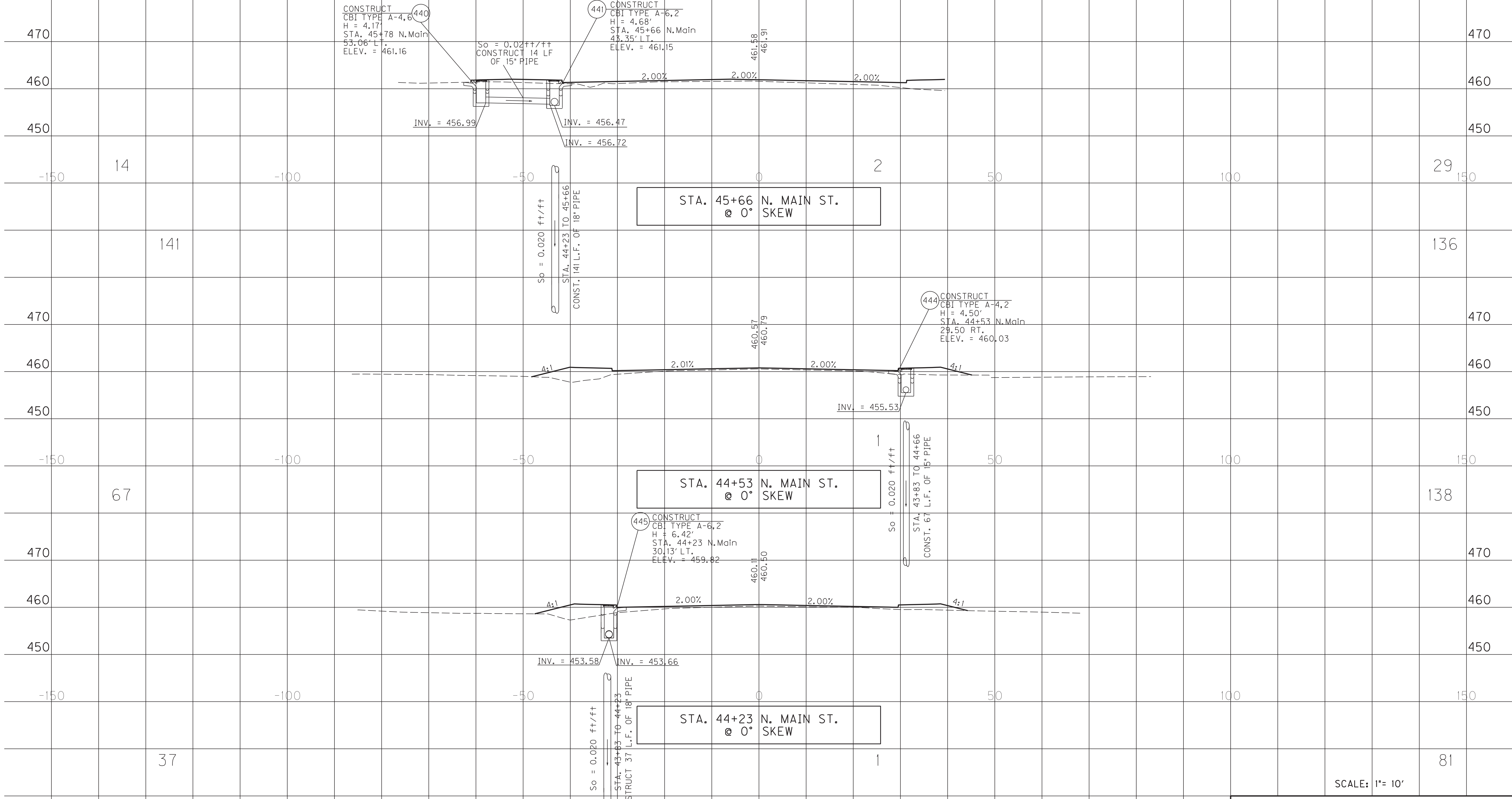
SCALE: 1"= 10'
PIPE PROFILE SHEET
US 41 (N MAIN ST)
STA. 43+14.94 TO STA. 43+83

FILE NAME: G:\PLOT\RI4700PD.DGN
USER: rrobinson
DATE PLOTTED: October 11, 2017
E-SHEET NAME: RI4700PD
MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 29 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R148

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														
L I N E A R F E E T								E A C H																		SY	CY	TYEA	SY	TON	



SCALE: 1" = 10'

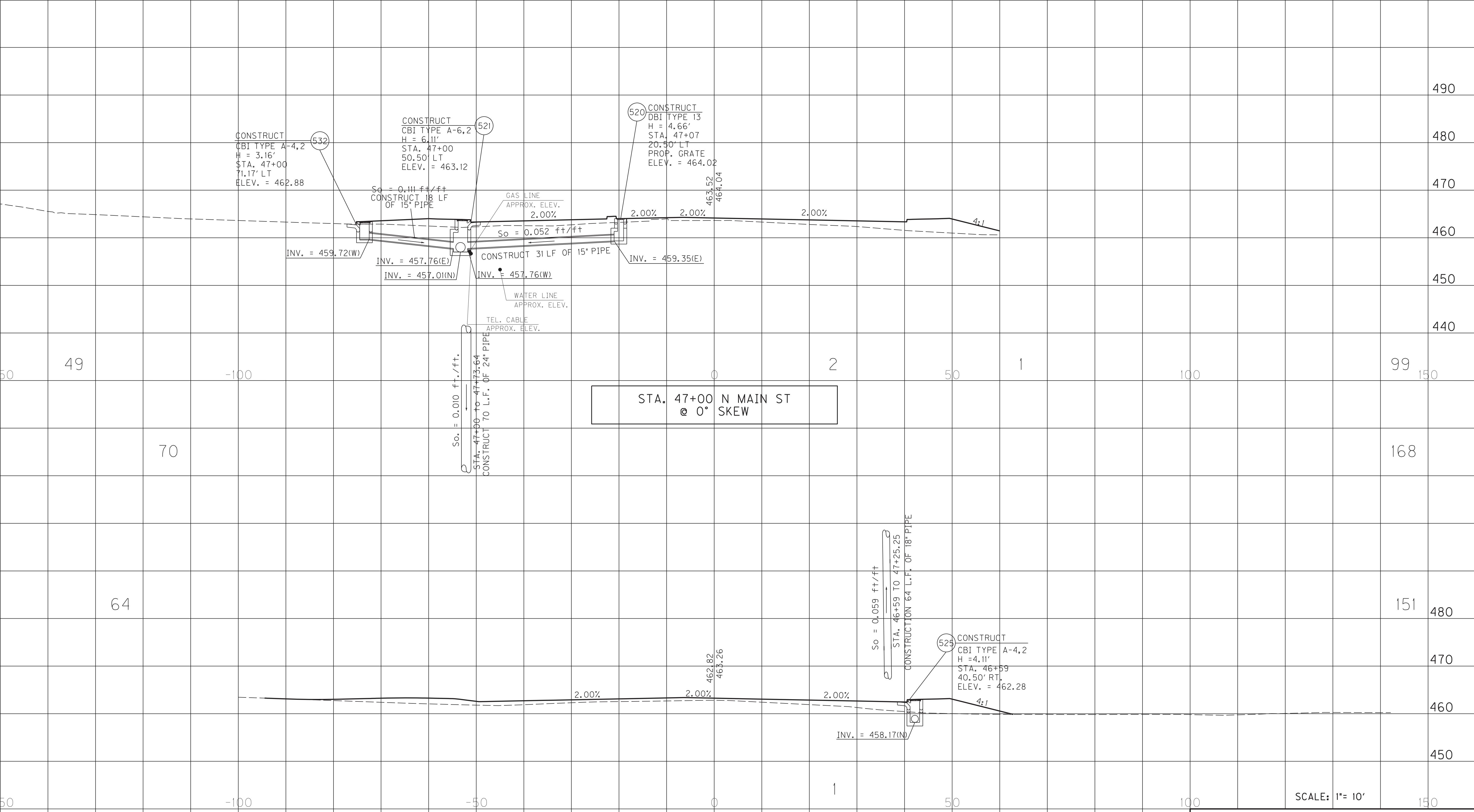
PIPE PROFILE SHEET
 US 41A (N MAIN ST) STA. 44+23
 STA. 44+53 & STA. 45+66

MicroStation v8.11.7.443
 E-SHEET NAME: R14800PD
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 FILE NAME: C:\PLOT\R14800PD.DGN

PIPE DRAINAGE SHEET 30 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R149

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 47+00 N MAIN ST @ 0° SKEW

STA. 46+59 N MAIN ST @ 0° SKEW

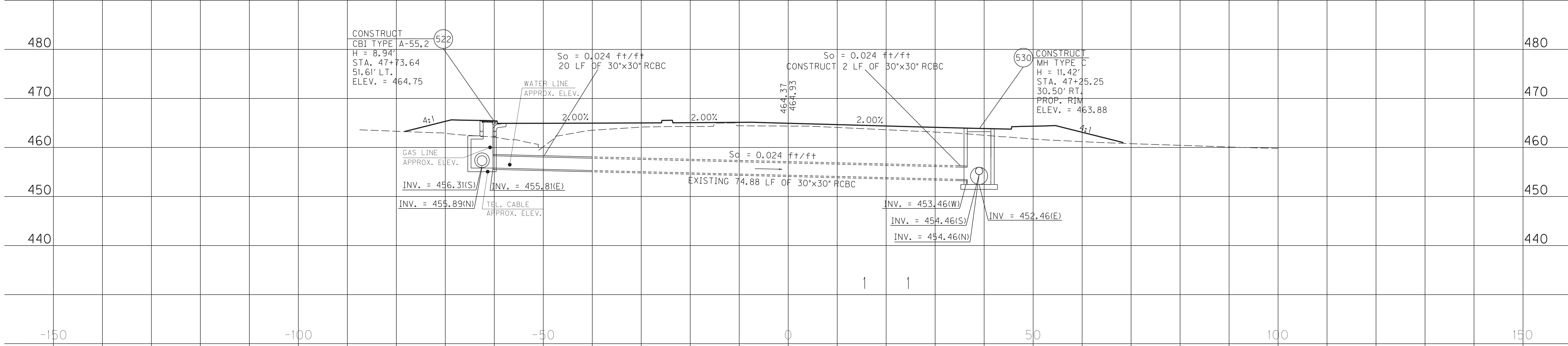
SCALE: 1" = 10'
PIPE PROFILE SHEET
N MAIN ST STA. 46+59
TO STA. 47+00

FILE NAME: G:\PLOT\RI4900PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI4900PD
 MicroStation v8.11.7.443

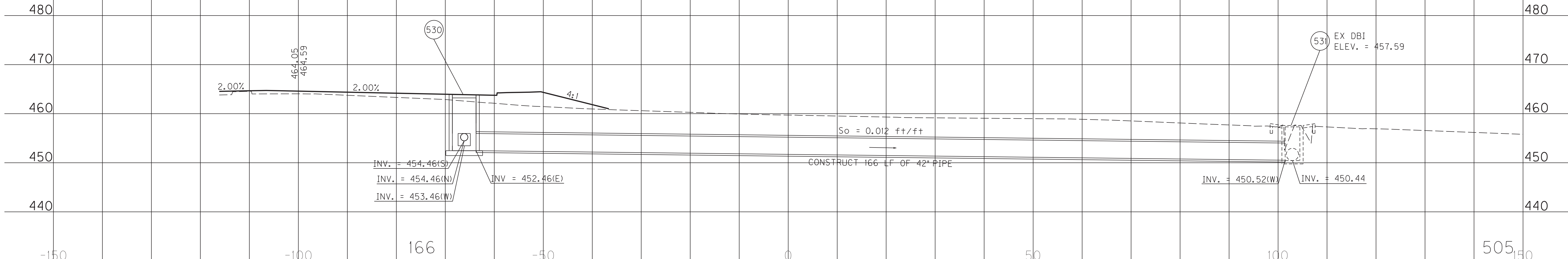
PIPE DRAINAGE SHEET 31 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R150

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



STA. 47+43.65 N. MAIN ST @ 0° SKEW



RT. STA. 47+25.25 N. MAIN ST TO RT. STA. 52+09.37 CHELSEA DR

SCALE: 1"= 10'

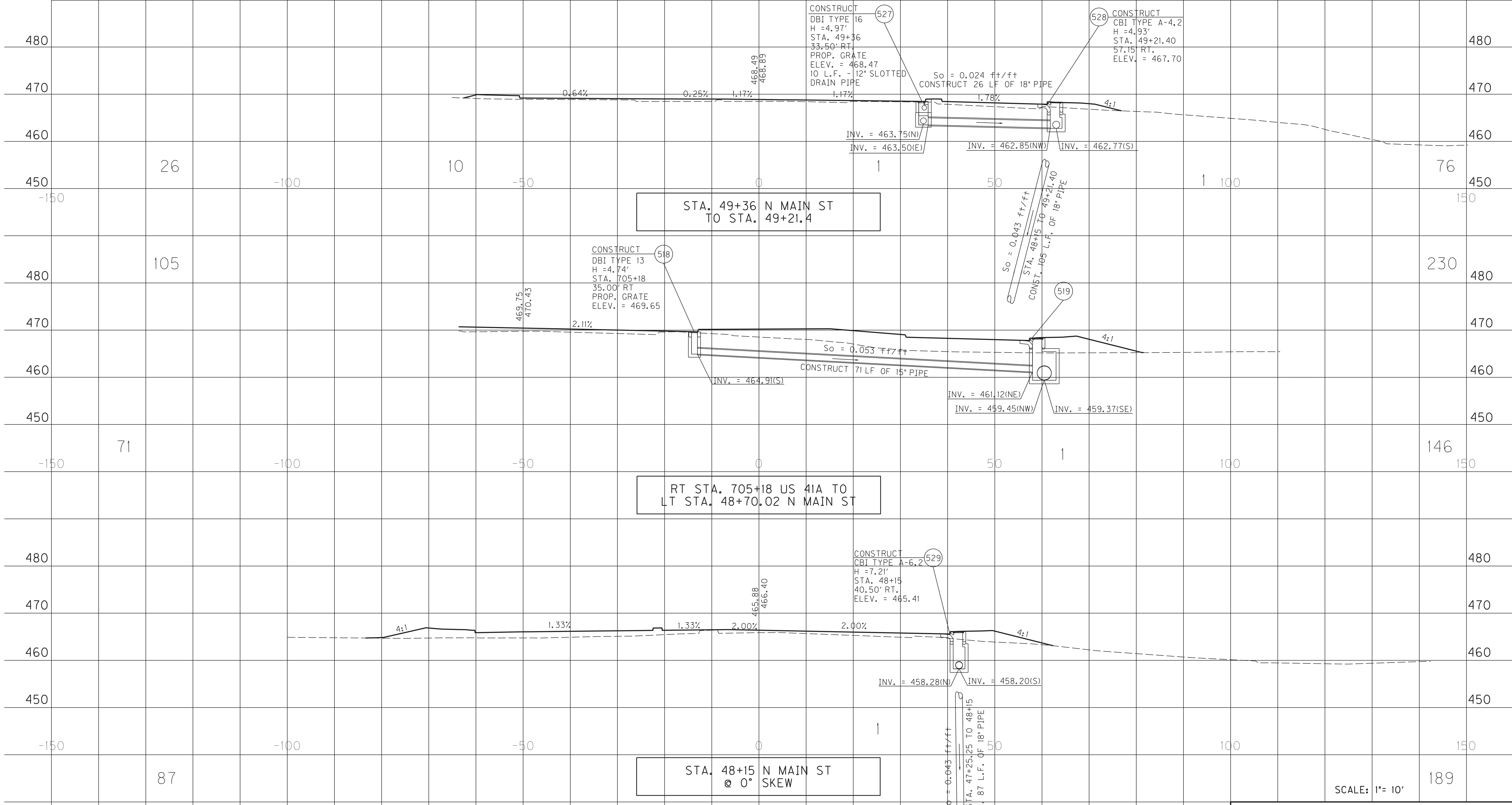
PIPE PROFILE SHEET
US 41A
STA. 47+43.65 & 47+25.25 NORTH MAIN

FILE NAME: C:\PLOT\RI5000PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI5000PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 32 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R151

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I					S&F Box Inlet-Outlet			MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42		15	18	24	30	36	A	B	C																	
L I N E A R F E E T								E A C H																SY	CY	TYEA	SY	TON					



STA. 49+36 N MAIN ST TO STA. 49+21.4

RT STA. 705+18 US 41A TO LT STA. 48+70.02 N MAIN ST

STA. 48+15 N MAIN ST @ 0° SKEW

SCALE: 1"= 10'

PIPE PROFILE SHEET
STA. 48+15 TO
STA. 49+36 N MAIN ST

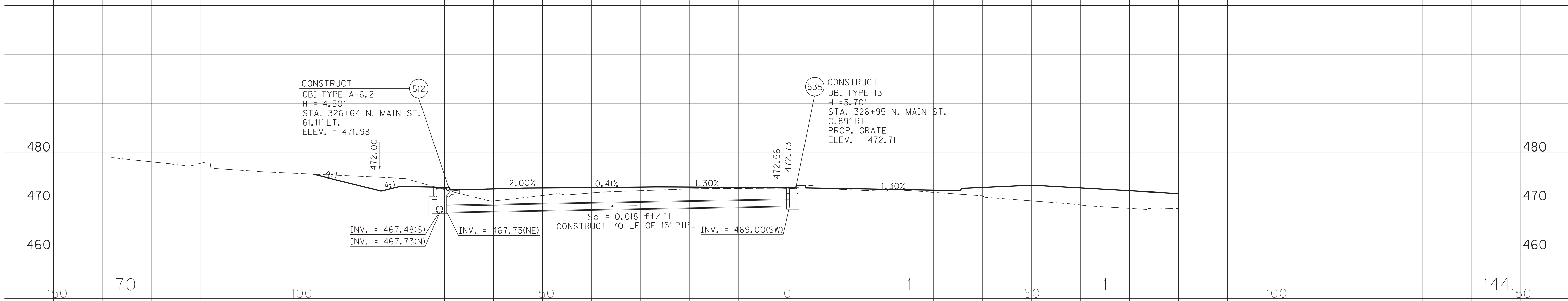
FILE NAME: G:\PLOT\R15100PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: R15100PD
 MicroStation v8.11.7.443

PIPE DRAINAGE SHEET 33 of 35

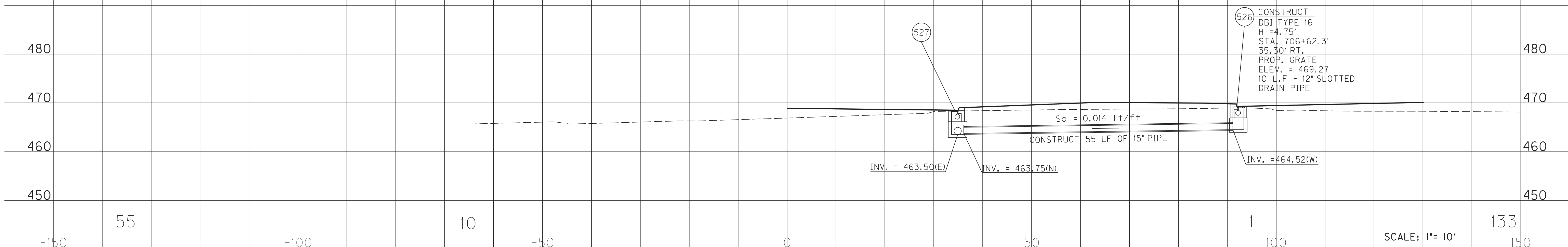
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R152

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														

L I N E A R F E E T **E A C H** **S Y** **C Y** **T Y E A** **S Y** **T O N**



STA. 325+94.25 NORTH MAIN ST @ 25°45'02" SKEW RT.



STA. 49+36 N MAIN ST TO STA. 706+62.31 US 41A

PIPE PROFILE SHEET US 41 AND N MAIN ST SE & NW RADIUS

FILE NAME: G:\PLOT\RI5200PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI5200PD
 MicroStation v8.11.7.443

70

55

10

144

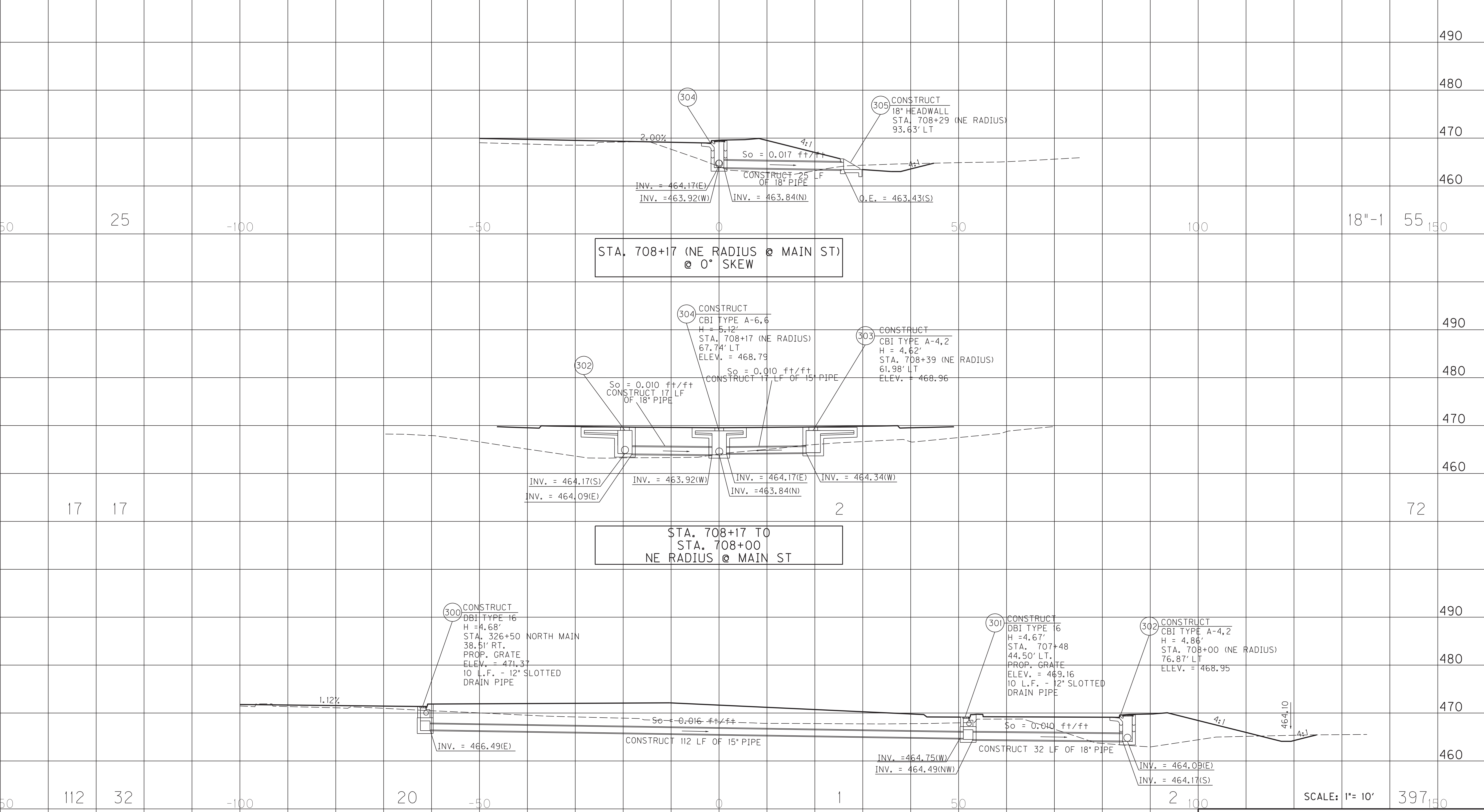
133

SCALE: 1"= 10'

PIPE DRAINAGE SHEET 34 of 35

COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R153

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C														



FILE NAME: G:\PLOT\RI5300PD.DGN
 USER: rrobinson
 DATE PLOTTED: October 11, 2017
 E-SHEET NAME: RI5300PD
 MicroStation v8.11.7.443

SCALE: 1" = 10' 397

RT STA. 326+50 NORTH MAIN ST TO
 LT STA. 707+88 US 41A TO
 RT STA. 708+00 (NE RADIUS @ MAIN ST)

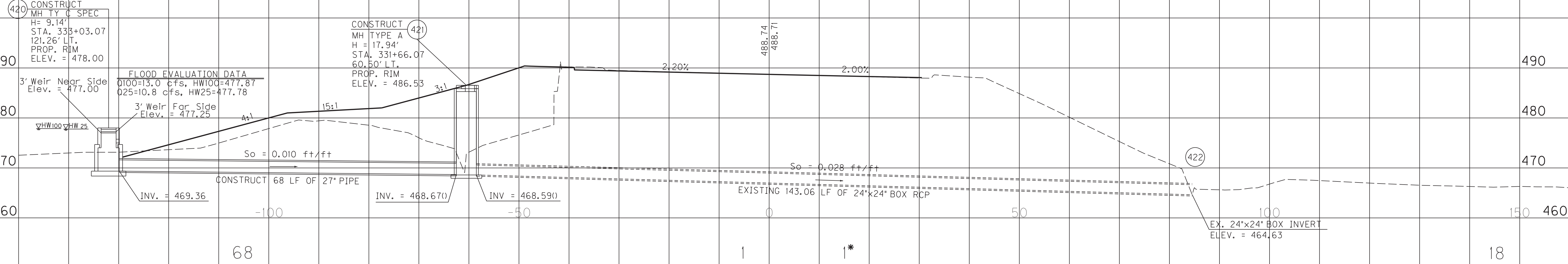
PIPE PROFILE SHEET
 US 41 AND N MAIN ST
 NE RADIUS

PIPE DRAINAGE SHEET 35 of 35

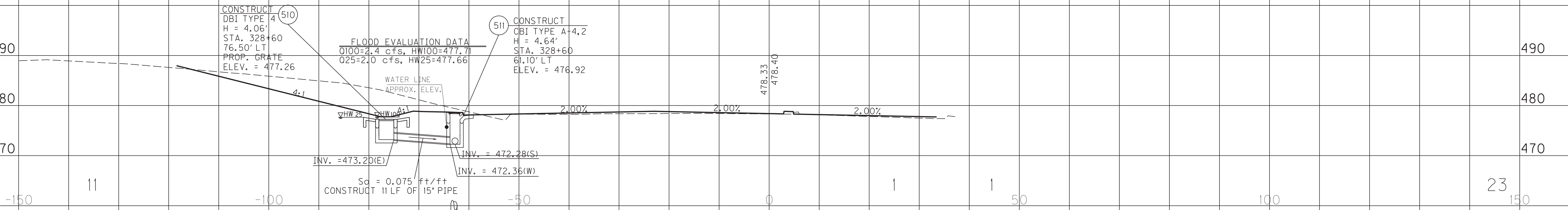
COUNTY OF	ITEM NO.	SHEET NO.
HOPKINS	2-137.20	R154

STORM SEWER PIPE								12" SLOTTED DRAIN PIPE	SLOPED BOX I & O TYPE I	S&F Box Inlet-Outlet					MANHOLE TYPE			CBI TYPE A	DBI TYPE 1	DBI TYPE 4	DBI TYPE 7	DBI TYPE 13	DBI TYPE 14	DBI TYPE 15	DBI TYPE 16	JUNCTION BOX TYPE B	TURF REINF. MAT TYPE 3	ROADWAY EXCAVATION	HEADWALL	FABRIC-GEO-TEXTILE TYPE IV FOR PIPE	CHANNEL LINING CLASS III
6 PVC	15	18	24	27	30	36	42			15	18	24	30	36	A	B	C*														

*NOTE: THE CONTRACT UNIT PRICE FOR MH TY C SPEC SHALL INCLUDE ALL CONCRETE AND STEEL REINFORCEMENT, STRUCTURAL STEEL, FRAME AND GRATE, TOWER, STEPS AND ALL INCIDENTALS NECESSARY TO COMPLETE THE STRUCTURE CONSISTING OF A MH TY C CHAMBER AND DBI TY 4 RISER. DBI TY 4 RISER WILL HAVE TWO 3" WEIRS AS SHOWN IN DETAIL



STA. 331+66.07 NORTH MAIN ST @ 1°13'25" SKEW LT.



STA. 328+60 NORTH MAIN ST @ 0° SKEW

SCALE: 1" = 10'

PIPE PROFILE SHEET
NORTH MAIN ST
STA. 326+64 TO STA. 331+66.07

FILE NAME: G:\PLOT\RS400PD.DGN
 USER: rrobinson
 DATE PLOTTED: January 1, 0001
 E-SHEET NAME: R15400PD
 MicroStation v8.11.7.443