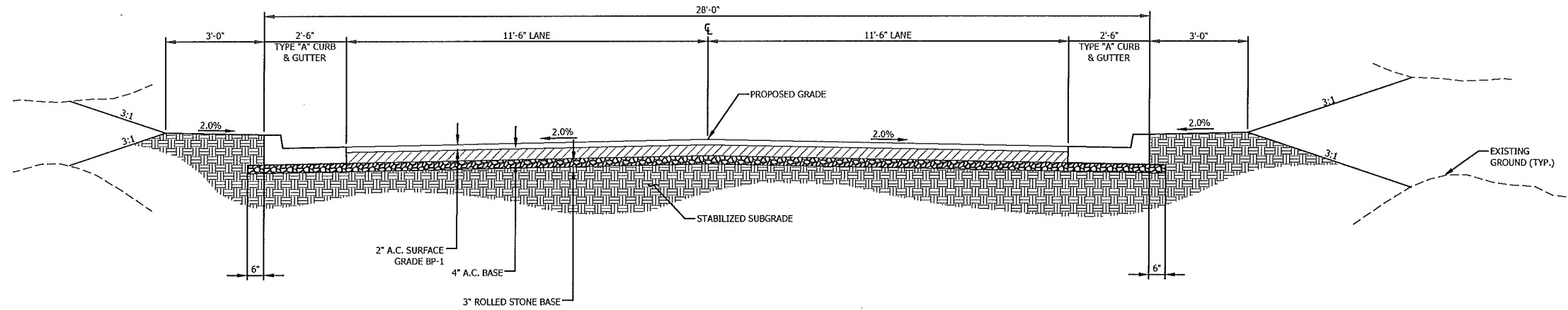
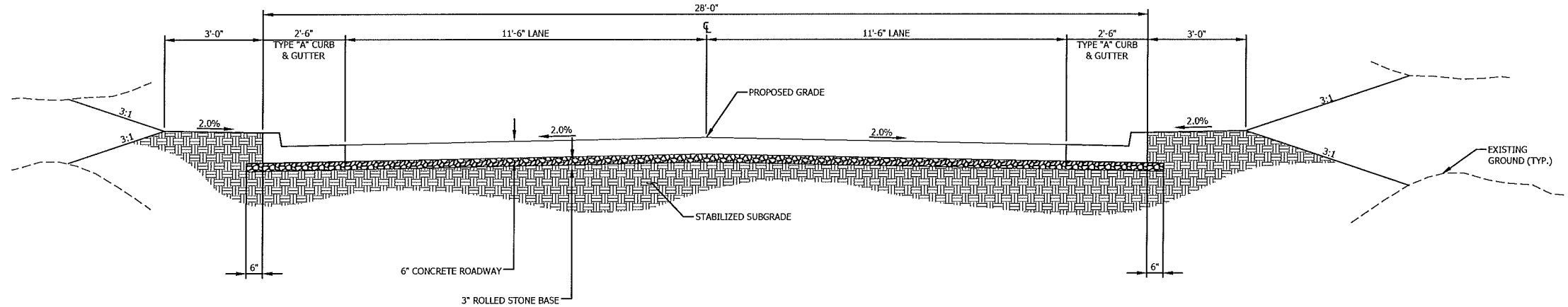


GENERAL NOTES

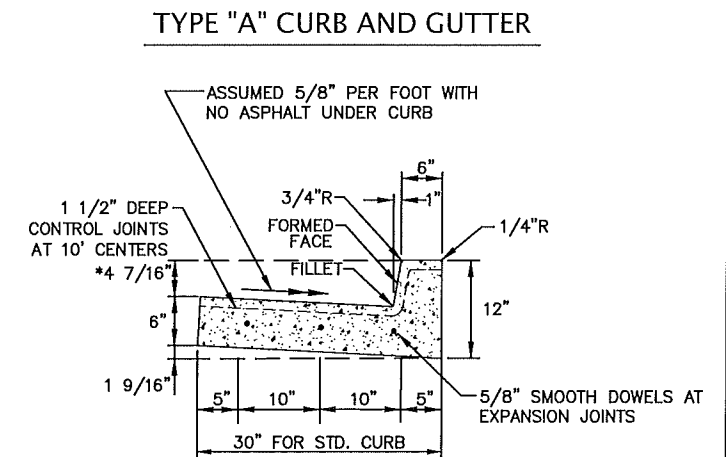
- A. VERIFYING THE LOCATIONS OF THE UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY DAMAGE TO EXISTING OR PROPOSED FACILITIES, STRUCTURES OR UTILITIES SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. NOTIFY MISSOURI ONE CALL FOR LOCATION OF THE UTILITIES AT LEAST 5 DAYS PRIOR TO CONSTRUCTION.
- B. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL DAMAGE TO PROPERTY OUTSIDE LIMITS OF CONSTRUCTION AT THE CONTRACTOR'S EXPENSE.
- C. REPORT ANY DISCREPANCIES FOUND WITH REGARD TO EXISTING CONDITIONS OR PROPOSED DESIGN IMMEDIATELY TO THE ENGINEER.
- D. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHERE DISCREPANCIES EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REVISIONS TO THE WORK WHEN NO NOTICE WAS GIVEN TO THE ENGINEER.
- E. THE GENERAL CONTRACTOR SHALL COORDINATE OTHER SITE RELATED OPERATIONS PERFORMED BY OTHER CONTRACTORS OR UTILITY COMPANIES TO ACCOMPLISH THE WORK.
- F. CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES TO REMAIN INCLUDING ON-SITE PRIVATE AND PUBLIC PROPERTY.
- G. ALL WORK SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
- H. LEAVE AREAS OF DEMOLITION IN A NEAT AND SAFE CONDITION AT THE END OF EACH WORK DAY. CONTRACTOR SHALL BARRICADE AREAS OF DEMOLITION AS NECESSARY TO PROTECT THE GENERAL PUBLIC. MAINTAIN SAFE PUBLIC ACCESS TO RESIDENCES.
- I. LEGALLY DISPOSE OF ALL DEMOLITION ITEMS OFF SITE UNLESS NOTED TO RETURN ITEMS TO THE COUNTY.
- J. ALL REMOVALS ADJACENT TO EXISTING PAVEMENT TO REMAIN SHALL BE ISOLATED BY SAWCUTS. SAWCUTS SHALL BE A MINIMUM OF THE PAVEMENT THICKNESS.
- K. ALL UTILITIES NOT MARKED FOR REMOVAL SHALL REMAIN IN PLACE.
- L. UNLESS OTHERWISE SPECIFIED, ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND THE JEFFERSON CITY STANDARD PLANS.
- M. ALL EXISTING POLES AND SIGNS SHALL BE RE-INSTALLED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, UNLESS OTHERWISE NOTED.
- N. ALL STORM INLET LIDS MUST BE CAST-IN-PLACE REGARDLESS OF WHETHER THE INLET IS PRECAST OR CAST-IN-PLACE.
- O. THE CONTRACTOR SHALL ACHIEVE A STABILIZED SUBGRADE PRIOR TO CONSTRUCTION OF THE ROADWAY. PAYMENT FOR THIS WORK SHALL BE CONSIDERED COMPLETELY COVERED BY THE PAY ITEM "COMPACTING IN CUT". THE CONDITION OF THE EXISTING MATERIAL AND METHOD OF ACHIEVING A STABLE BASE WILL NOT BE GROUNDS FOR ADDITIONAL PAYMENT.



ASPHALT SECTION THROUGH PROPOSED ROADWAY - RANDALL DRIVE



OPTIONAL CONCRETE SECTION THROUGH PROPOSED ROADWAY - RANDALL DRIVE



NOTES:

- 1. EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURN RADIUS POINTS AND AT DRIVE APPROACHES, THESE 1/2" FELT EXPANSION JOINTS SHALL HAVE 5/8" x 18" SMOOTH DOWELS, THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
 - 2. CONTROL JOINTS MAY BE SAWED, OR PRE-FORMED.
 - 3. CURB PAN CAN BE CONSTRUCTED AT 2.0% CROSS SLOPE WITH ASPHALT UNDER PROPOSED CURB.
- * ASSUMED 4 7/16" FROM EDGE OF PAVEMENT TO BACK OF CURB ELEVATION. IF DIFFERENT, BACK OF CURB AND DEPENDENT ELEVATIONS SHOULD BE ADJUSTED ACCORDINGLY.

Item No.	Description	Quantity	Unit
1	Mobilization	1	LS
2	Earthwork	1	LS
3	Compaction in Cut	9.83	STA
4	Removal of Improvements	1	LS
5	3" Rolled Stone Base	2,476	SY
6	Optional Pavement	2,476	SY
7	6" PCC Concrete Pavement	107	SY
8	6" PCC Commercial Drive	1,119	SY
9	6" PCC Residential Drive Approach	77	SY
10	6" PCC Residential Drive	119	SY
11	Type A Curb and Gutter	1,448	LF
12	4" PCC Sidewalk	14	SY
13	4'x3' Type A Curb Inlet	2	EA
14	6'x4' Type C Curb Inlet	1	EA
15	8'x4' Type C Curb Inlet	1	EA
16	4'x2' Area Inlet	1	EA
17	15" RCP	53	LF
18	24" RCP	126	LF
19	15" RCP End Section	1	EA
20	24" RCP End Section	1	EA
21	Gravel (A) or Crushed Stone (B) or Chat (C)	733	SY
22	Rip Rap	11.5	CY
23	Manhole Adjustment	2	EA
24	Construction Signage/Traffic Control	1	LS
25	Silt Fence	255	LF
26	Inlet Check	7	EA
27	Flowable Fill Existing Storm Sewer Pipe	1	LS
28	Finished Seed	1	LS

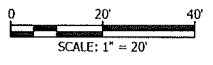
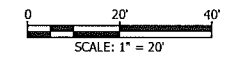
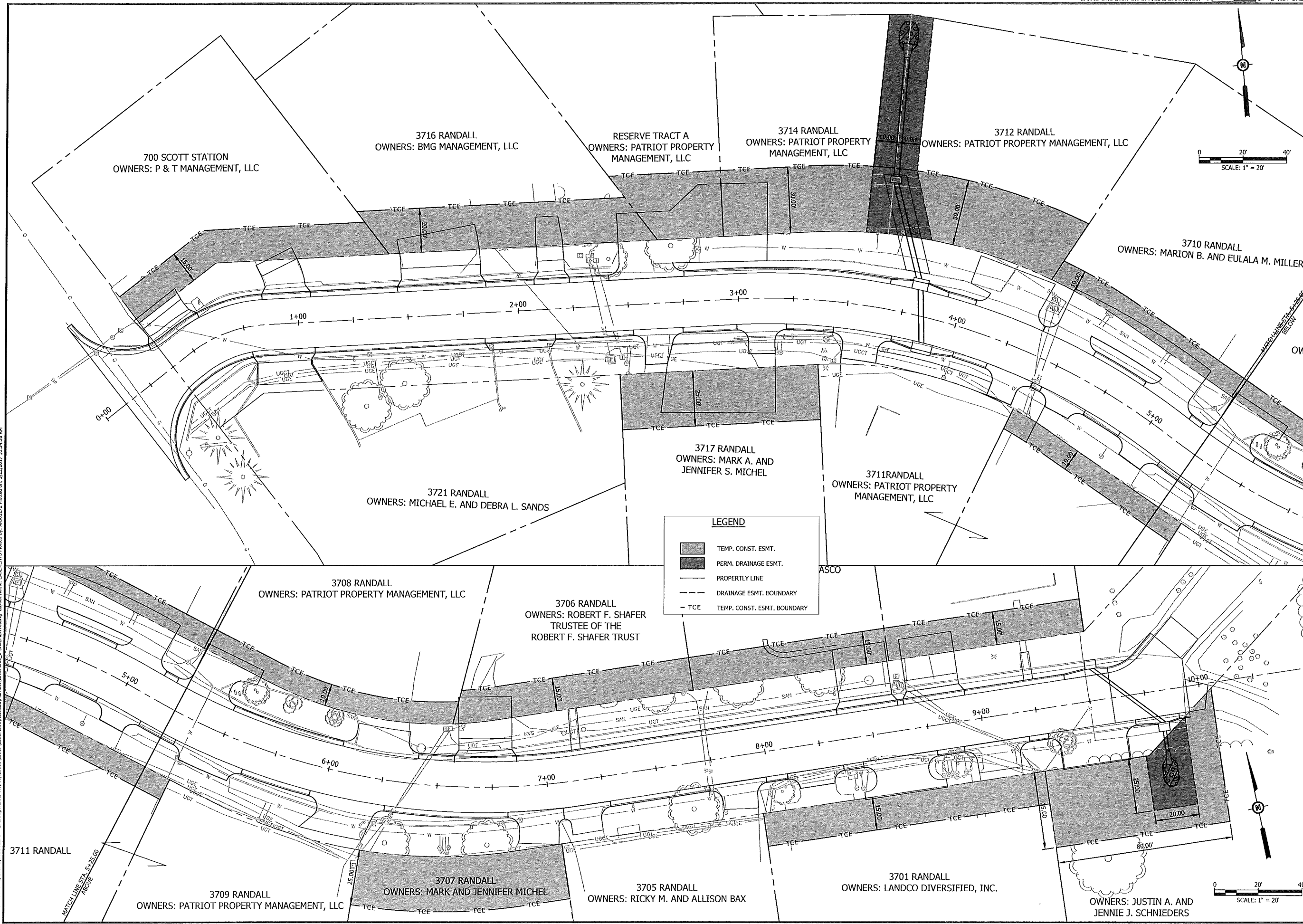
BARTLETT & WEST
 1719 SOUTHSHORE DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
 MISSOURI CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
 WWW.BARTLETTWEST.COM

GENERAL NOTES AND TYPICAL SECTIONS
 RANDALL DRIVE
 NEIGHBORHOOD IMPROVEMENT DISTRICT
 COLE COUNTY, MISSOURI

STATE OF MISSOURI
 TODD C. KEMPER
 NUMBER PE-2013000590
 PROFESSIONAL ENGINEER
 THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	JLH
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	2 of 14

Last edit on: Mar 22, 2017 by: AKD1272 Drawing Name: W:\Proj\15900\15937\15937.500\Aucan\Plan Set\15937.500_General Notes - Typical Sections.dwg Layout Name: Layout1 Plotted By: AKD1272 Plotted on: 3/22/2017 10:29:11 AM



LEGEND

- TEMP. CONST. ESMT.
- PERM. DRAINAGE ESMT.
- PROPERTY LINE
- DRAINAGE ESMT. BOUNDARY
- TCE

NO.	DATE	DESCRIPTION

BARTLETT & WEST

1719 SOUTH-RIDGE DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
 CERTIFICATE OF AUTHORITY NO. 0001897
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EASEMENT PLAN

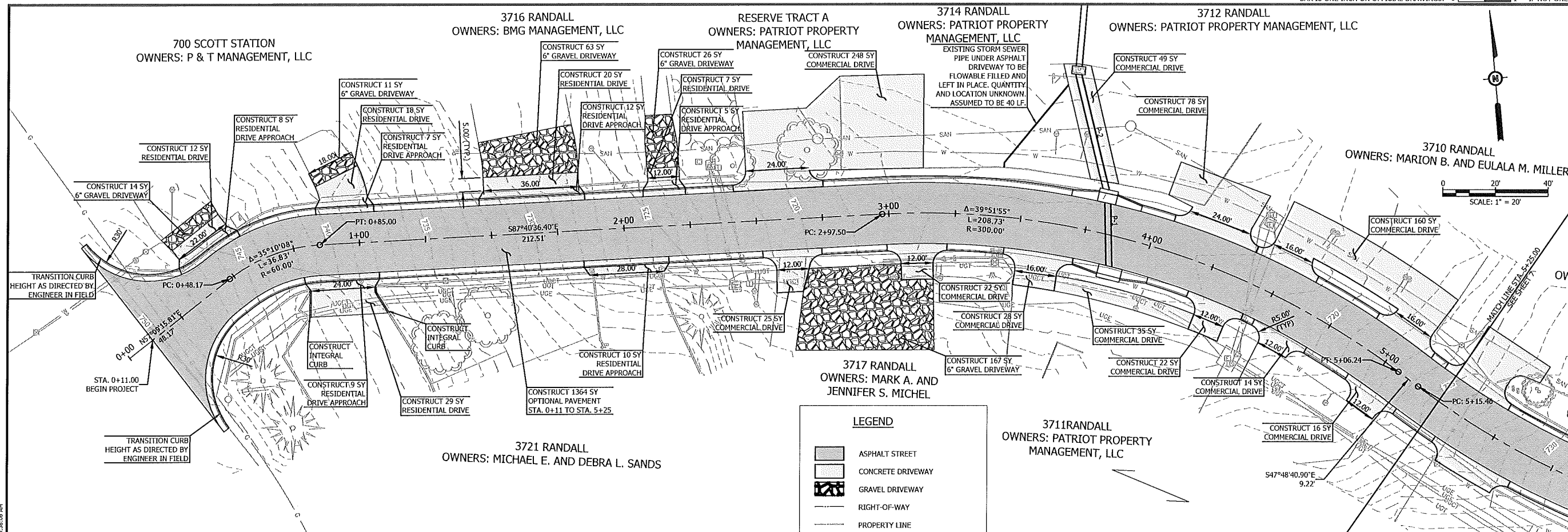
RANDALL DRIVE
 NEIGHBORHOOD IMPROVEMENT DISTRICT
 COLE COUNTY, MISSOURI



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

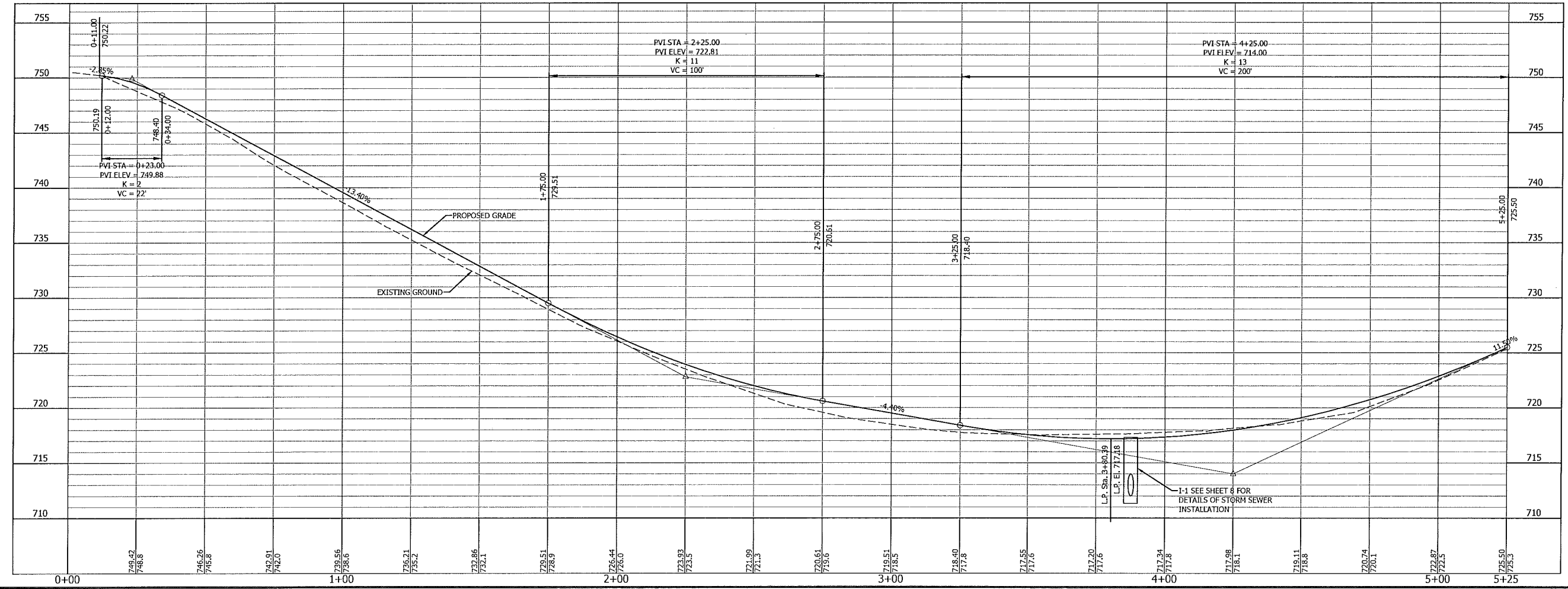
SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	AKJ
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	5 of 14

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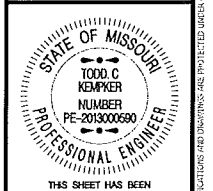
- ASPHALT STREET
- CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- RIGHT-OF-WAY
- PROPERTY LINE



BARTLETT & WEST

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 CERTIFICATE OF AUTHORITY NO. 000167
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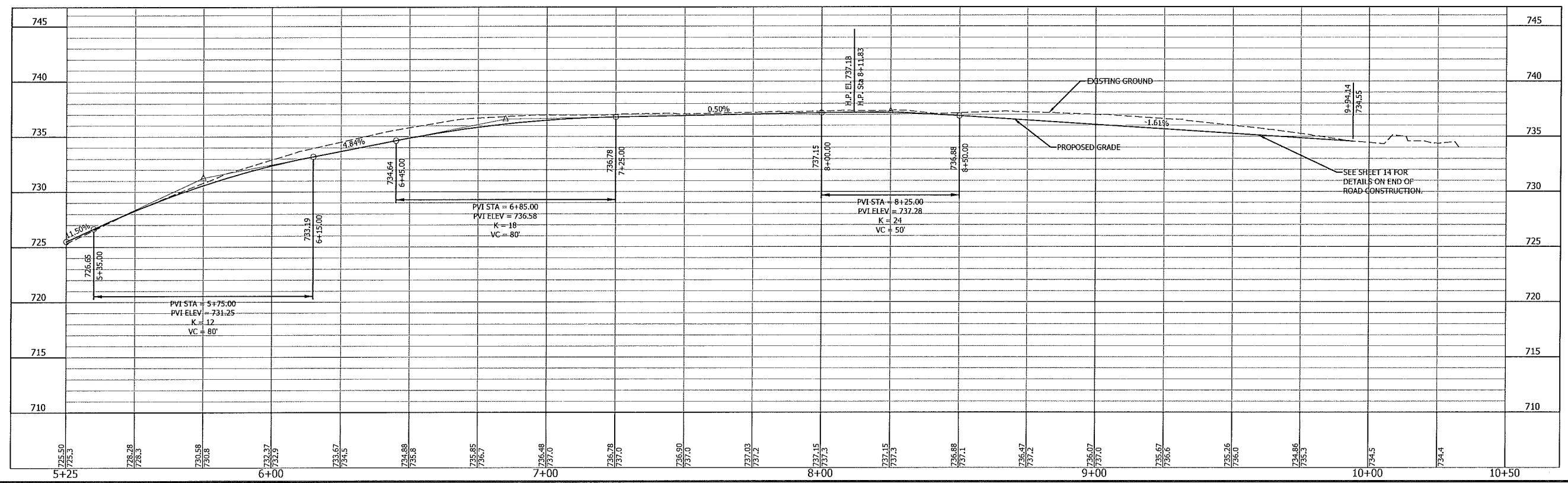
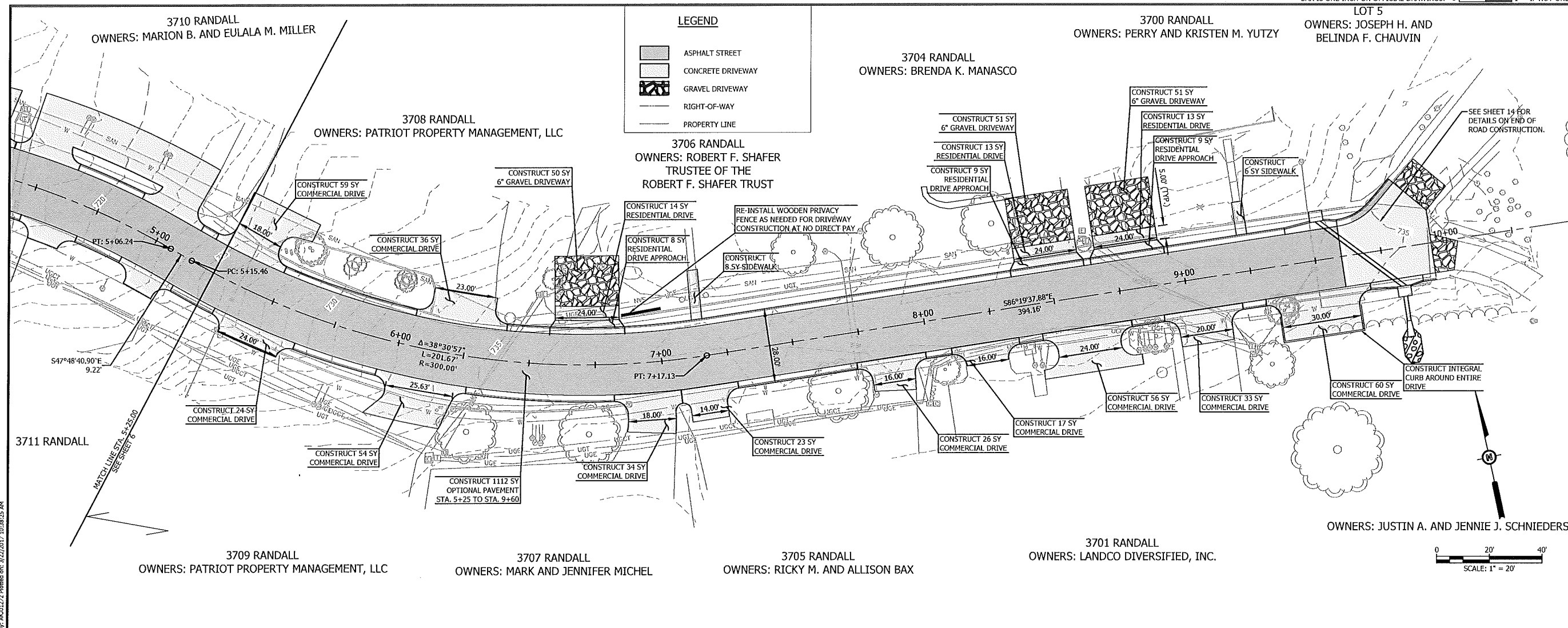
ROADWAY PLAN PROFILE
STA 0+00 TO 5+25
 RANDALL DRIVE
 NEIGHBORHOOD IMPROVEMENT DISTRICT
 COLE COUNTY, MISSOURI



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	JLH
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	6 of 14

Last edit on: Mar 22, 2017 by: AC01372 Drawing Name: W:\Proj\15937.500\Acad\Cad\Plan_Sheet\15937.500_CPLAN_PROFILE.dwg Layout Name: 0+00 to 5+25 Plotted By: AC01372 Plotted on: 3/22/2017 10:38:06 AM

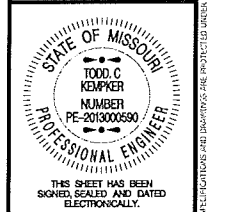


BARTLETT & WEST

1719 BOUTHARD DR., SUITE 100 - JEFFERSON CITY, MO 65109-4000
 TEL: 661.313.1111 FAX: 661.790.4
 CERTIFICATE NO. 004.7904
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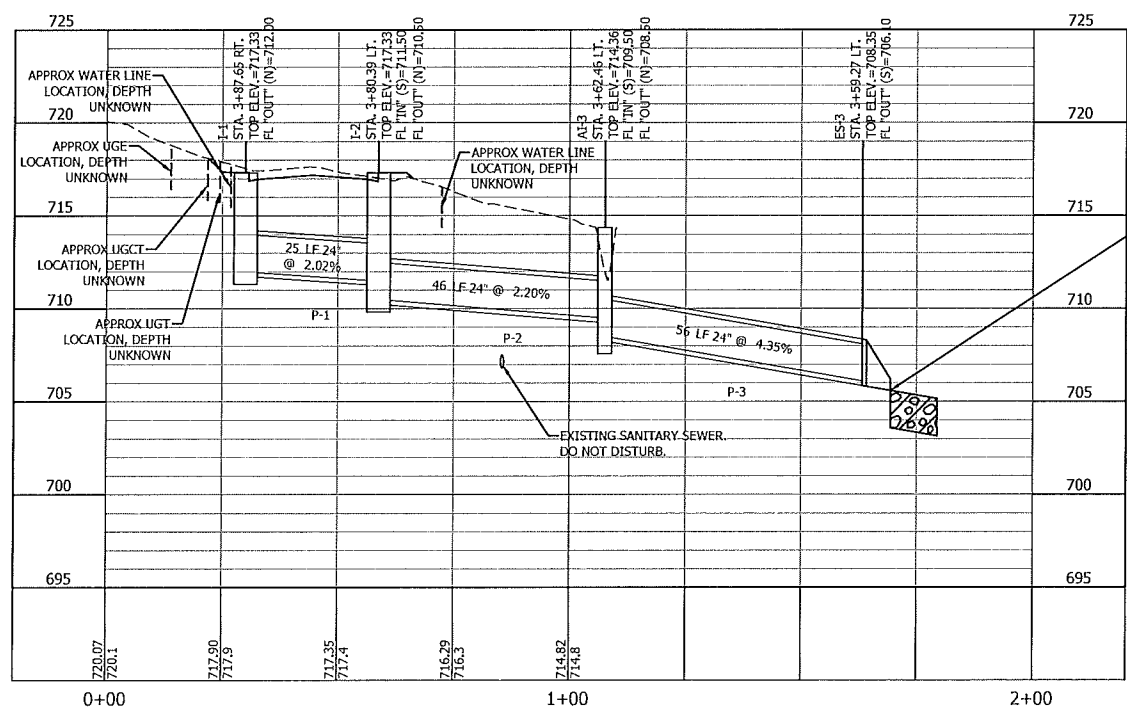
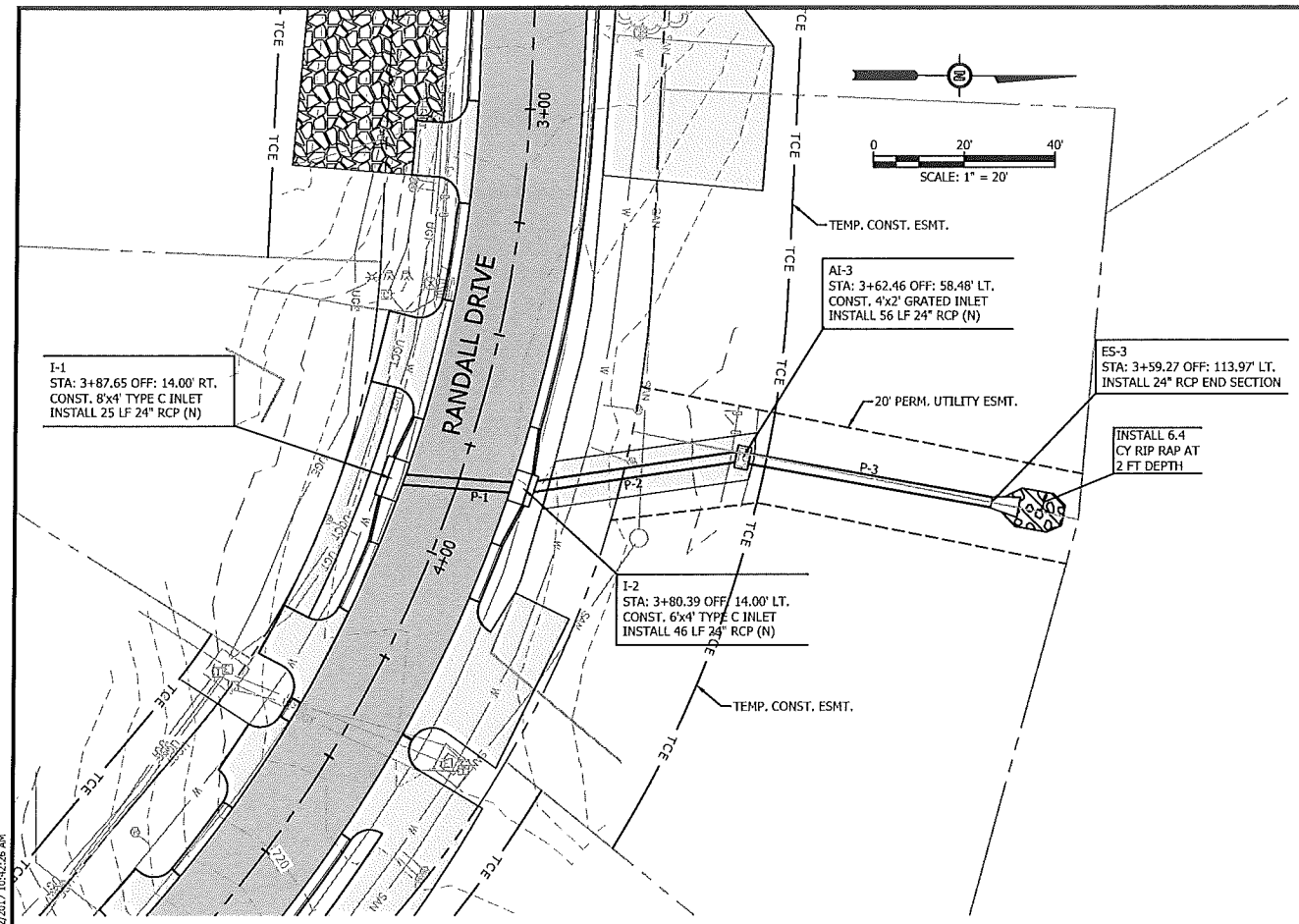
ROADWAY PLAN PROFILE
STA 5+25 TO 10+50

RANDALL DRIVE
NEIGHBORHOOD IMPROVEMENT DISTRICT
COLE COUNTY, MISSOURI



SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	JLH
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	7 of 14

Last edit on: Mar 22, 2017 by: AKJ1272 Drawing Name: W:\Proj\15937.500\AutoCAD\Plan_Sets\15937.500_C_PLAN_PROFILE.dwg Layout Name: 5+25 to 10+50 Plotted By: AKJ1272 Plotted on: 3/22/2017 10:28:25 AM



AREA IS BEYOND SURVEY. CONTRACTOR TO FIELD VERIFY OUTLET ELEVATION BEFORE CONSTRUCTING ANY OF THE UPSTREAM STORM SEWER SYSTEM.

NOTE:
STATION AND OFFSET FOR INLETS IS GIVEN TO THE CENTER OF THE STRUCTURE. ELEVATION FOR CURB INLETS IS GIVEN AS THE BACK OF CURB ELEVATION AT THE CENTER OF THE STRUCTURE. STATION AND OFFSET FOR END SECTIONS IS GIVEN TO THE CENTER OF THE STRUCTURE AT THE CONNECTION TO THE PIPE.

Last edit on: Mar 22, 2017 10:40:27 AM Drawing Name: W:\Proj\15937\15937_500\AutoCAD\Plan_56815937_500_C-Storm Plan Profile.dwg Layout Name: Storm Plan Profile Plotted By: AKJ1272 Plotted on: 3/22/2017 10:40:28 AM

DATE	DESCRIPTION

BARTLETT & WEST

1719 SOUTH-RIDGE DR., SUITE 100 - JEFFERSON, CITY MO 65109-4000
 PHONE: (636) 225-1100 FAX: (636) 225-1104
 CERTIFICATE OF AUTHORITY NO. 000197
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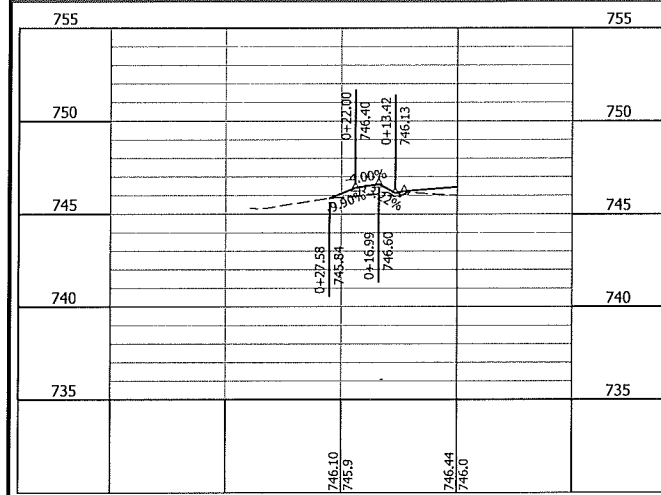
STORM PLAN PROFILE

RANDALL DRIVE
NEIGHBORHOOD IMPROVEMENT DISTRICT
COLE COUNTY, MISSOURI

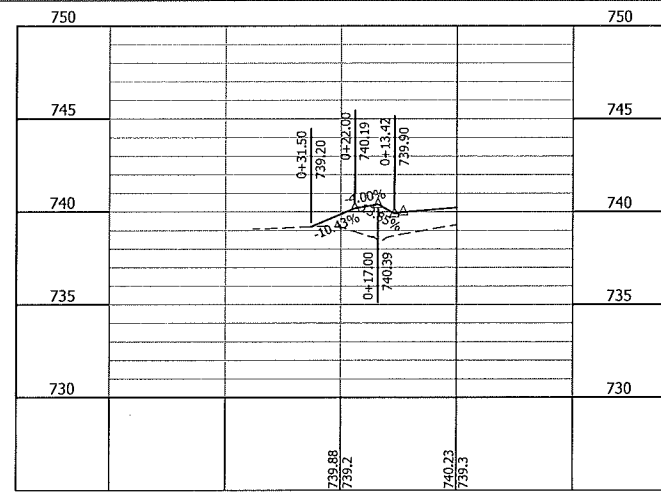
STATE OF MISSOURI
 1000 C
 KEMPER
 NUMBER
 PE-2013000590
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN
 SIGNED, SEALED AND DATED
 ELECTRONICALLY.

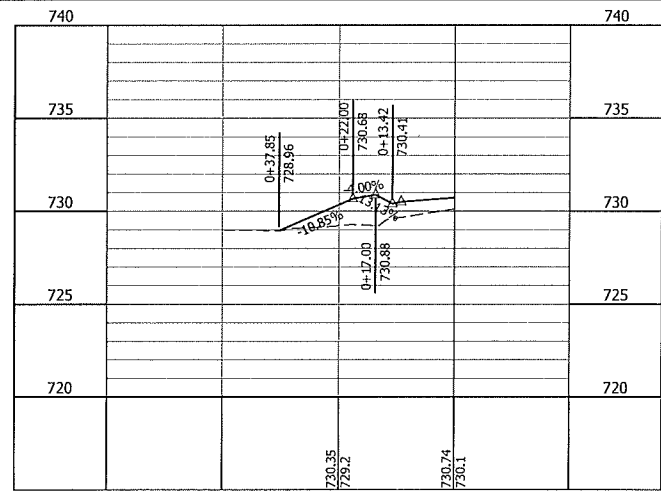
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DRAWN BY:	KAK
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	8 of 14



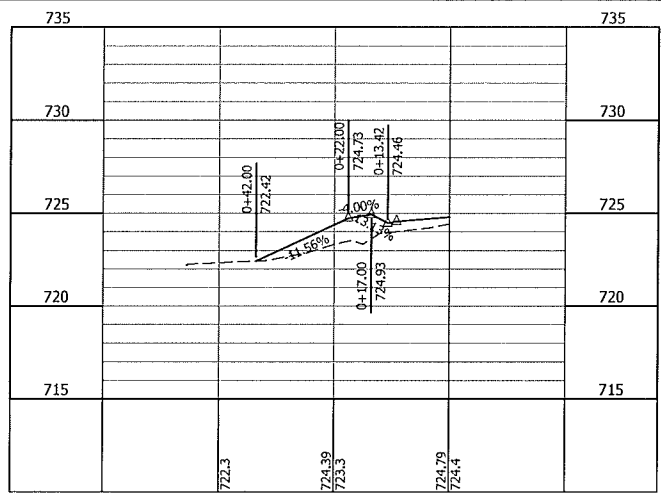
700 SCOTT STATION - A
STA. 0+48.62



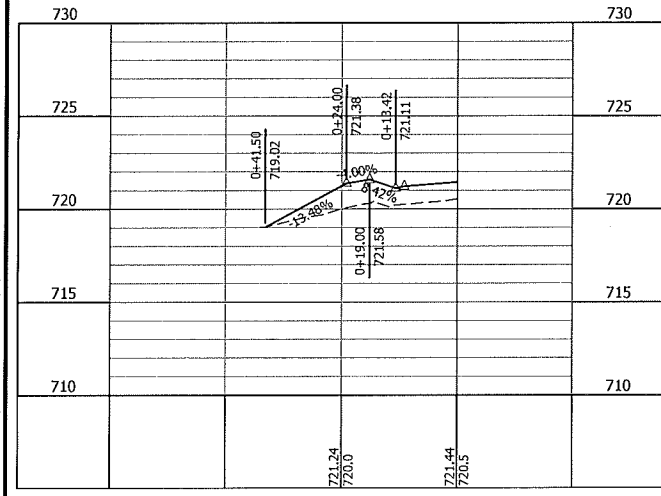
700 SCOTT STATION - B
STA. 0+95.02



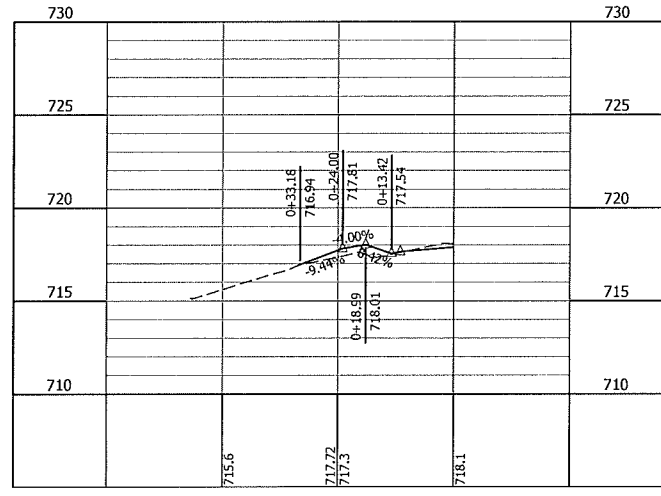
3716 RANDALL - A
STA. 1+65.84



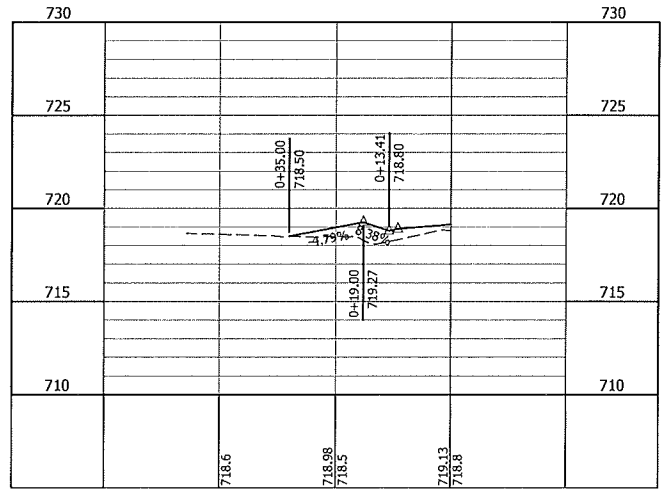
3716 RANDALL - B
STA. 2+15.79



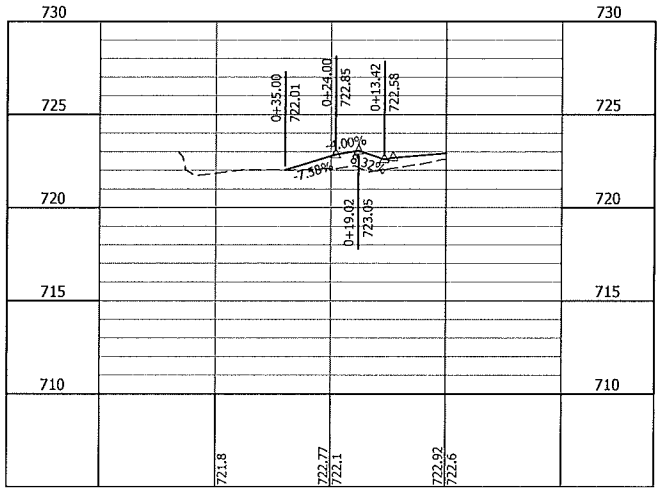
3714 RANDALL
STA. 2+58.84



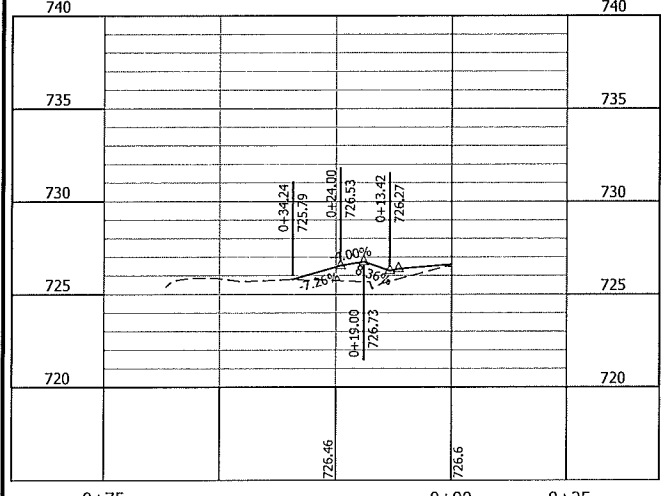
3712 RANDALL
STA. 4+21.97



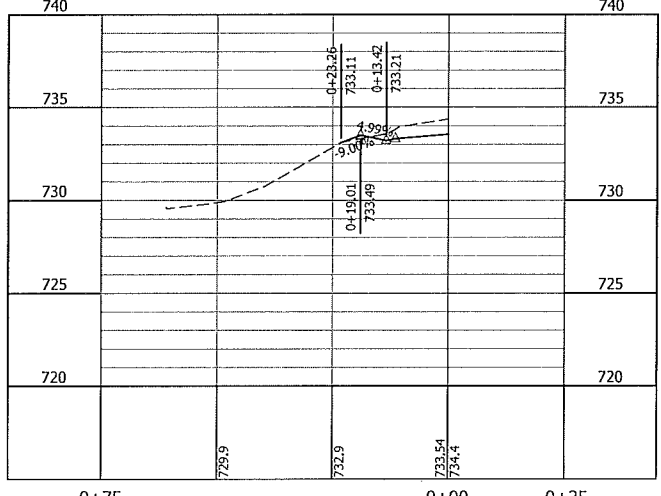
3710 RANDALL - A
STA. 4+50.37



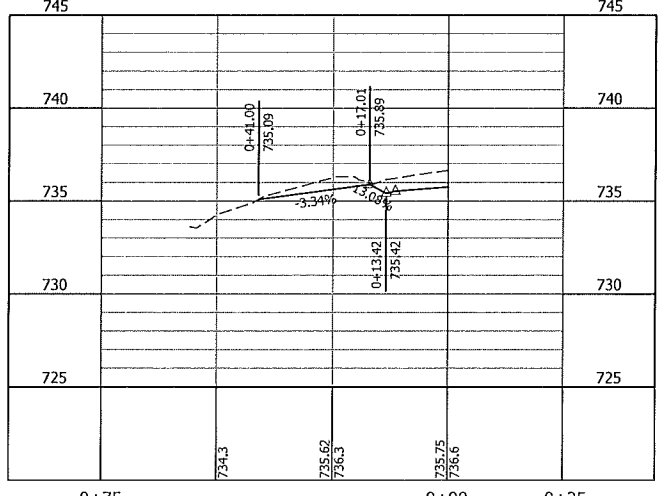
3710 RANDALL - B
STA. 5+00.50



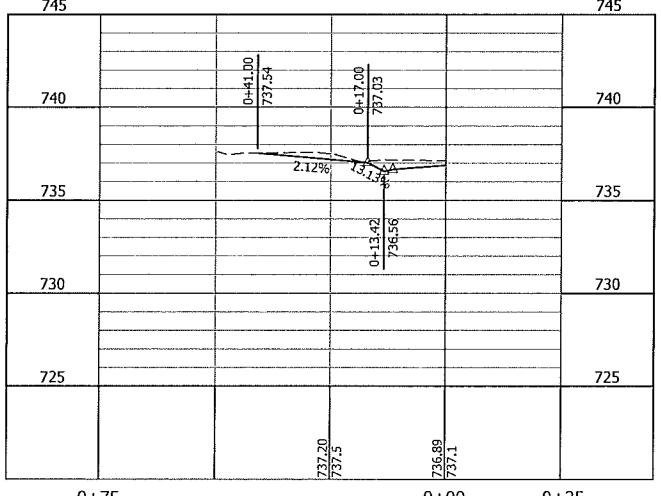
3708 RANDALL - A
STA. 5+34.62



3708 RANDALL - B
STA. 6+22.33



3706 RANDALL
STA. 6+72.04

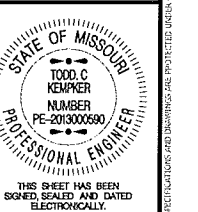


3704 RANDALL
STA. 8+49.10

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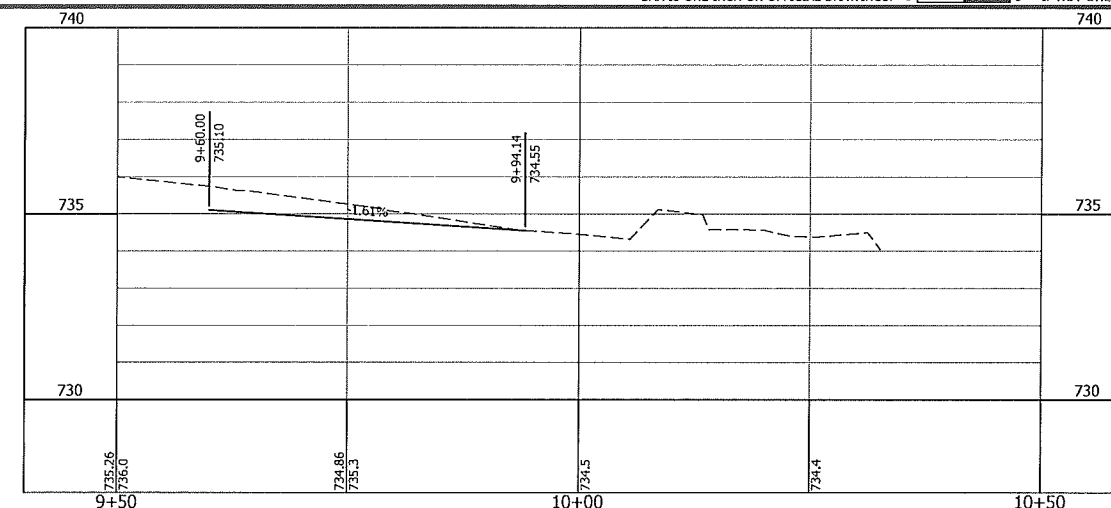
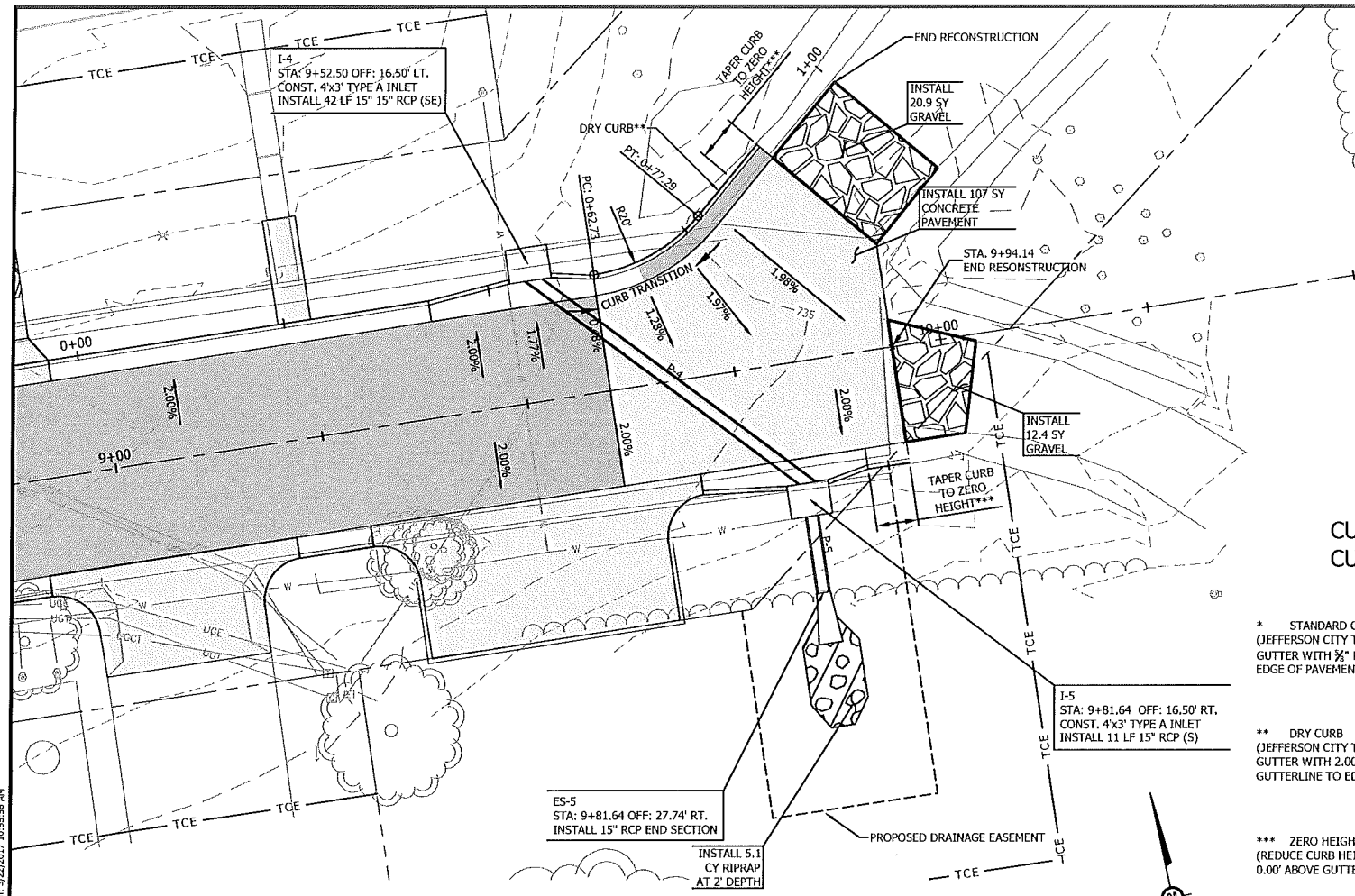
BARTLETT & WEST
1719 SOUTHMOSE DR., SUITE 100 - CUFFERDA, CITY, MO 65109-4000
MISSOURI CERTIFICATE OF AUTHORITY NO. 0001677 - ENGINEERING
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DRIVE PROFILES
RANDALL DRIVE
NEIGHBORHOOD IMPROVEMENT DISTRICT
COLE COUNTY, MISSOURI



THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

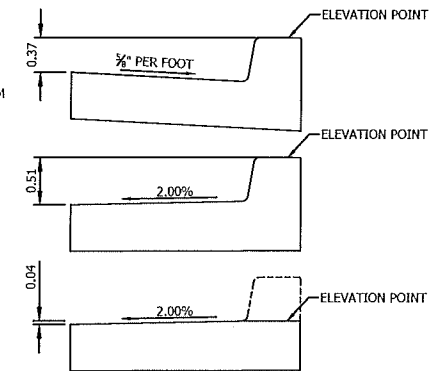
SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	AKJ
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	9 of 14



RANDALL DRIVE CENTERLINE PROFILE

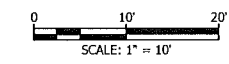
CURB STYLE ASSUMPTIONS FOR BACK OF CURB PROFILE, BOC NW ALIGNMENT:

- * STANDARD CURB (JEFFERSON CITY TYPE A CURB AND GUTTER WITH 3/8" PER FOOT SLOPE FROM EDGE OF PAVEMENT TO GUTTERLINE)
- ** DRY CURB (JEFFERSON CITY TYPE A CURB AND GUTTER WITH 2.00% SLOPE FROM GUTTERLINE TO EDGE OF PAVEMENT)
- *** ZERO HEIGHT DRY CURB (REDUCE CURB HEIGHT FROM FULL TO 0.00' ABOVE GUTTER)



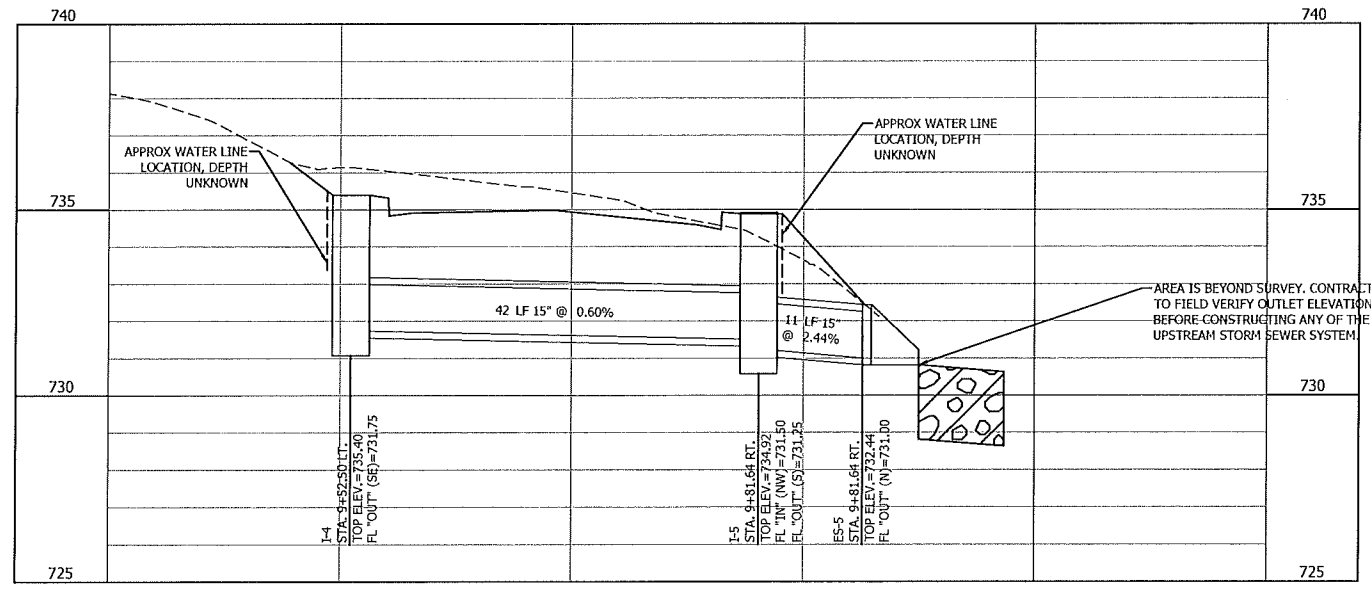
NW BOC ALIGNMENT TIES TO RANDALL DRIVE ALIGNMENT:

STA. 0+00.00, OFF. 0.00' (BEGINNING) NW BOC = STA. 8+97.36, OFF. 14.00' LEFT RANDALL DRIVE
 STA. 0+62.73, OFF. 0.00' (POINT OF CURVE) NW BOC = STA. 9+60.09, OFF. 14.00' LEFT RANDALL DRIVE
 STA. 0+77.29, OFF. 0.00' (POINT OF TANGENCY) NW BOC = STA. 9+73.42, STA. 19.09' LEFT RANDALL DRIVE
 STA. 0+88.31, OFF. 0.00' (ENDING) NW BOC = STA. 9+81.65, OFF. 26.38' LEFT RANDALL DRIVE

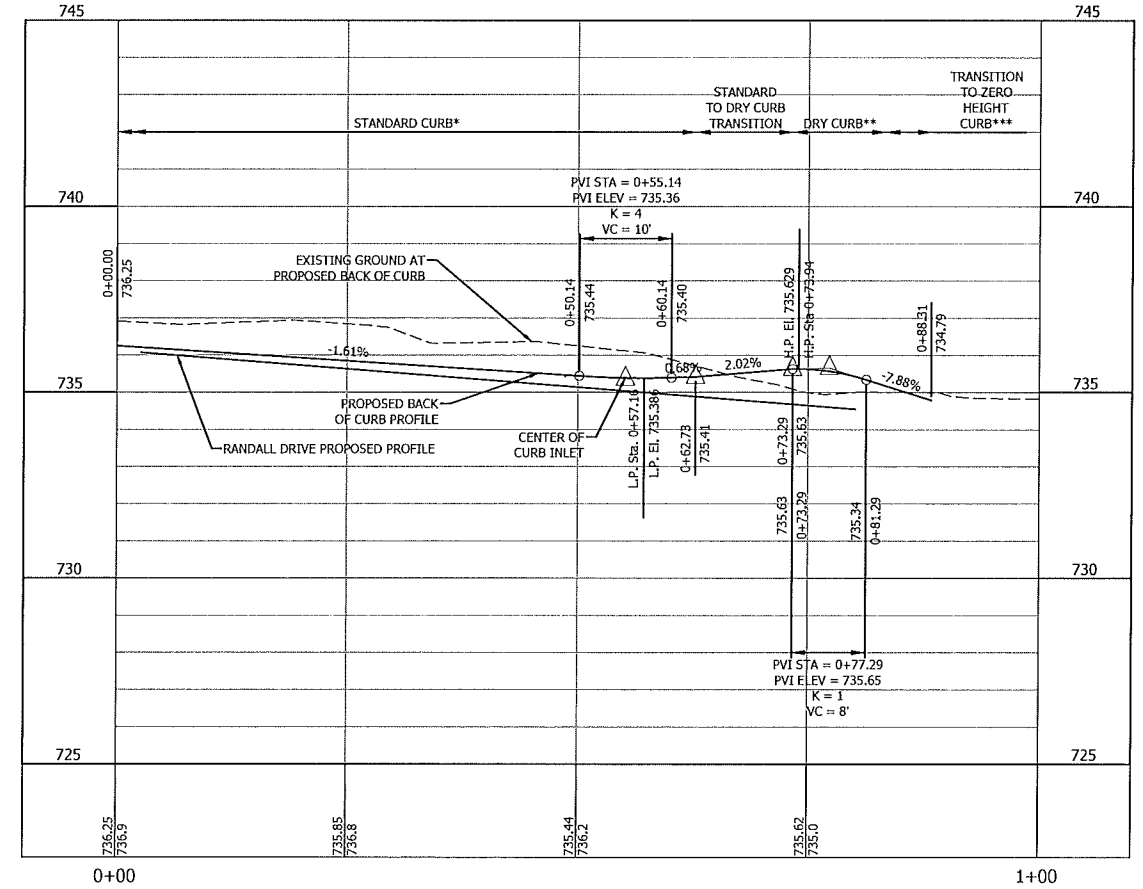


LEGEND

- ASPHALT STREET
- CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- RIGHT-OF-WAY
- PROPERTY LINE



PIPE PROFILE



NORTHWEST CURB RETURN PROFILE

NO.	DATE	DESCRIPTION

BARTLETT & WEST

1719 SOUTHMOORE DRIVE, SUITE 100 - JEFFERSON CITY, MO 65109-4000
 PROFESSIONAL ENGINEERING CERTIFICATE OF AUTHORITY NO. 000167
 WWW.BARTLETTWEST.COM

END OF ROAD DETAIL

RANDALL DRIVE
 NEIGHBORHOOD IMPROVEMENT DISTRICT
 COLE COUNTY, MISSOURI

STATE OF MISSOURI
 TODD C. KEMPER
 NUMBER PE-2013000590
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

SEALED DATE:	03/22/17
DESIGNED BY:	AKJ
DRAWN BY:	AKJ
APPROVED BY:	TCK
DESIGN PROJ. NO.:	15937.500
DATE:	MARCH 2017
DRAWING NO.:	
SHEET NO.:	7 of 14

Last cell on: Mar 22, 2017 10:55:36 AM Drawing Name: V:\Proj\15937.500\AwdCell\Plan 54811937.500_C-DETAIL.dwg Layout Name: END OF ROAD DETAIL Plotted By: ACD1272 Plotted on: 3/22/2017 10:55:36 AM