



Fort Bend County Engineering
FORT BEND COUNTY, TEXAS

J. Stacy Slawinski, P.E.
County Engineer

October 10, 2019

Judge KP George
Fort Bend County Judge
301 Jackson Street, Suite 719
Richmond, Texas 77406-0148

**Re: Public Road Connection at FM 1093 at Twinwood Parkway on behalf of FBC
MUD 213 - Sponsorship**

Honorable Judge George:

Fort Bend County Engineering Department has received and reviewed a request (letter attached) from LJA Engineering, for Fort Bend County to sponsor a project for a public road connection at FM 1093 at Twinwood Parkway.

The Texas Department of Transportation request that an agency, such as Fort Bend County, act as a sponsor for the project. This means that the permit for the work will be issued in the name of Fort Bend County and the County accepts responsibility for the terms and conditions of the permit.

We recommend acceptance of the sponsorship and requests that this item be placed on the 10/22/2019 Commissioners Court agenda. We have prepared a letter to Texas Department of Transportation for the County Judges' signature.

If there are any questions please do not hesitate to call.

Sincerely,

J. Stacy Slawinski, P.E.
County Engineer

Attachment: Scope of Work

cc: Mr. Roy Cordes, Jr. FBC Attorney
Commissioner W. A. "Andy" Meyers, Pct. 3
File

DRAFT

(To be placed on Co. Judge stationery)
(Call to have it e-mailed by Mary Jane
Sowa 281-633-7519)

August 16, 2019

Mr. Quincy Allen, P.E.
District Engineer, Houston District
Texas Department of Transportation
P.O. Box 1386
Houston, TX 77251-1386

Re: ***Public Road Connection at FM 1093 at Twinwood Parkway on behalf of FBC
MUD 213 - Sponsorship***

Dear Mr. Allen:

Fort Bend County has received and reviewed a request (letter attached) from LJA Engineering, Inc. for Fort Bend County to sponsor a Texas Department of Transportation project on behalf of FBC MUD 213 for a public road connection at FM 1093 at Twinwood Parkway.

The request was approved by Fort Bend County Commissioners Court at their meeting dated 10/22/2019. We request that a permit for the public road connection be issued with Fort Bend County as sponsor for this project.

If there are any questions or need for additional information, please call Sandy Garza in our Engineering Department at 281-633-7518.

Sincerely,

KP George
Fort Bend County Judge

KPG/

Attachments: Resolution
Drawing

cc: Mr. Steven Boyd, P.E., LJA Engineering sboyd@lja.com
File

THE STATE OF TEXAS §

COUNTY OF FORT BEND §

**RESOLUTION TO SPONSOR A PROJECT FOR A PUBLIC ROAD CONNECTION
AT FM 1093 AT TWINWOOD PARKWAY ON BEHALF OF FBC MUD 213**

On this _____ day of _____, 2019, the Commissioners Court, sitting as the governing body of Fort Bend County, Texas, at a regular meeting, upon motion of Commissioner _____, seconded by Commissioner _____, duly put and carried;

WHEREAS, the proposed sponsorship project includes the installation of a public road connection at FM 1093 at Twinwood Parkway.

NOW, THEREFORE, BE IT RESOLVED that Fort Bend County expresses its support and sponsorship of such project with the Texas Department of Transportation to cause such improvements to be made at FM 1093 at Twinwood Parkway.

FORT BEND COUNTY

By: _____
KP George, County Judge

ATTEST:

Laura Richard, County Clerk



2929 Briarpark Drive, Suite 600, Houston, Texas 77042
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386 TBPLS 10110501

October 9, 2019



Stacy Slawinski, PE
County Engineer
Fort Bend County
301 Jackson Street
Richmond, Texas 77469

Re: Request for Sponsorship Letter
Proposed Street Tie-in at FM 1093 at Twinwood Parkway
Fort Bend County, Texas

Dear Mr. Slawinski:

LJA Engineering, Inc. is preparing a street tie-in permit application to submit to the Texas Department of Transportation (TxDOT) for the proposed street tie-in Twinwood Parkway at FM 1093 on behalf of the Fort Bend County Municipal Utility District No. 213. The attached construction drawings were prepared in accordance with TxDOT's street tie-in permit requirements.

As part of the permit application process, TxDOT is requiring a sponsorship letter from Fort Bend County. I am requesting Fort Bend County's sponsorship of this project and a sponsorship letter to include with the TxDOT permit application package.

Should you have any questions, please do not hesitate to contact me at 713.380.4464

Sincerely,

Steven Boyd, PE
Senior Project Manager

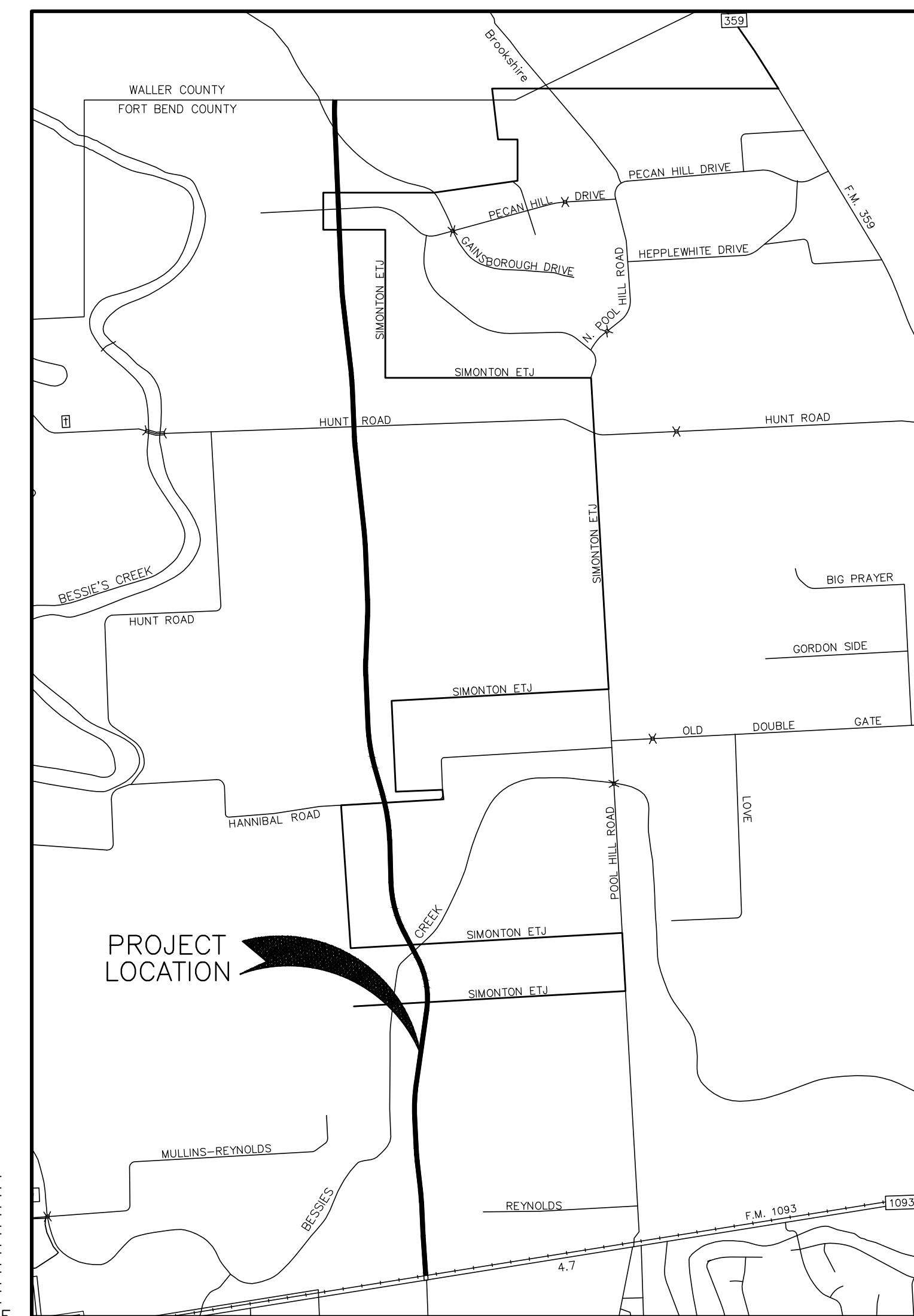
SB/em

Attachment(s)

CONSTRUCTION PLANS FOR TWINWOOD PARKWAY PHASE 1B

DRAINAGE FACILITIES & PAVING AND APPURTENANCES

TO SERVE
FORT BEND COUNTY MUD 213
FORT BEND COUNTY, TEXAS



N.T.S.

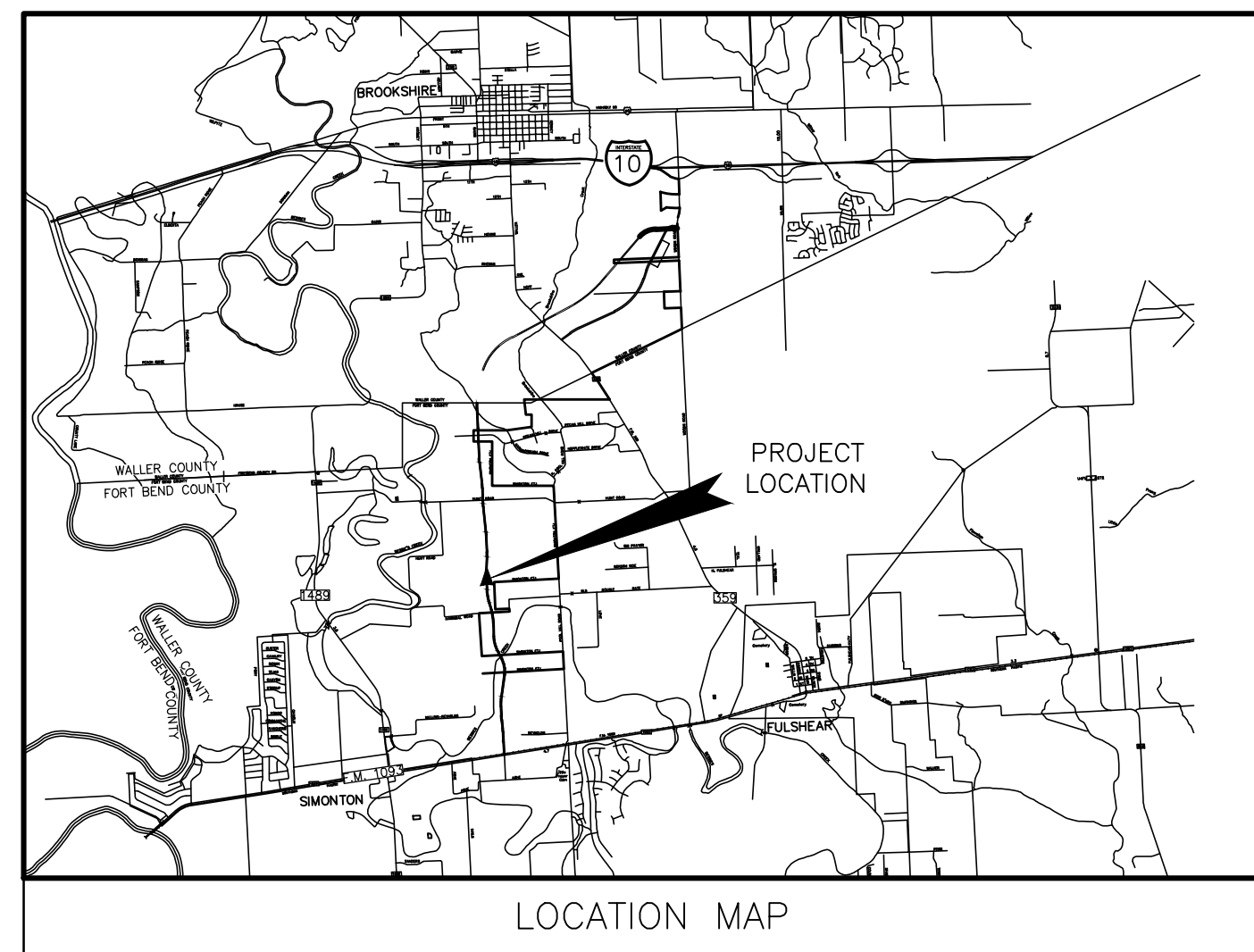
SHEET INDEX

1. COVER SHEET
2. GENERAL NOTES (1 OF 2)
3. GENERAL NOTES (2 OF 2)
4. CENTERLINE CONTROL
5. PHASING PLAN
6. PLAT (1 OF 5)
7. PLAT (2 OF 5)
- 7A. PLAT (3 OF 5)
- 7B. PLAT (4 OF 5)
- 7C. PLAT (5 OF 5)
8. DRAINAGE AREA MAP
- 8A. BESSIE'S CREEK DRAINAGE AREA MAP
- 8B. DRAINAGE CALCULATIONS (1 OF 2)
- 8C. DRAINAGE CALCULATIONS (2 OF 2)
9. PAVING, DRAINAGE, SWPPP, & GRADING LAYOUT (1 OF 3)
10. PAVING, DRAINAGE, SWPPP, & GRADING LAYOUT (2 OF 3)
11. PAVING, DRAINAGE, SWPPP, & GRADING LAYOUT (3 OF 3)
12. PERMANENT SIGNAGE AND STRIPING LAYOUT (1 OF 3)
13. PERMANENT SIGNAGE AND STRIPING LAYOUT (2 OF 3)
14. PERMANENT SIGNAGE AND STRIPING LAYOUT (3 OF 3)
15. TWINWOOD PARKWAY PHASE 1B STA. 0+00 ~ 12+00 - PLAN & PROFILE
16. TWINWOOD PARKWAY PHASE 1B STA. 12+00 ~ 24+00 - PLAN & PROFILE
17. TWINWOOD PARKWAY PHASE 1B STA. 24+00 ~ 36+00 - PLAN & PROFILE
18. TWINWOOD PARKWAY PHASE 1B STA. 36+00 ~ 48+00 - PLAN & PROFILE
19. TWINWOOD PARKWAY PHASE 1B STA. 48+00 ~ 57+00 - PLAN & PROFILE
20. TWINWOOD PARKWAY PHASE 1B STA. 57+00 ~ 64+00 - PLAN & PROFILE
21. TWINWOOD PARKWAY PHASE 1B STA. 64+00 ~ 76+00 - PLAN & PROFILE
22. TWINWOOD PARKWAY PHASE 1B STA. 76+00 ~ 85+00 - PLAN & PROFILE
23. TWINWOOD PARKWAY PHASE 1B STA. 85+00 ~ 97+00 - PLAN & PROFILE
24. TWINWOOD PARKWAY PHASE 1B STA. 97+00 ~ 109+00 - PLAN & PROFILE
25. TWINWOOD PARKWAY PHASE 1B STA. 109+00 ~ 121+00 - PLAN & PROFILE
26. TWINWOOD PARKWAY PHASE 1B STA. 121+00 ~ 133+00 - PLAN & PROFILE
27. TWINWOOD PARKWAY PHASE 1B STA. 133+00 ~ 145+00 - PLAN & PROFILE
28. TWINWOOD PARKWAY PHASE 1B STA. 145+00 ~ 157+00 - PLAN & PROFILE
29. TWINWOOD PARKWAY PHASE 1B STA. 157+00 ~ 169+00 - PLAN & PROFILE
30. TWINWOOD PARKWAY PHASE 1B STA. 169+00 ~ 181+00 - PLAN & PROFILE
31. TWINWOOD PARKWAY PHASE 1B STA. 181+00 ~ 193+00 - PLAN & PROFILE
32. TWINWOOD PARKWAY PHASE 1B STA. 193+00 ~ 205+00 - PLAN & PROFILE
33. TWINWOOD PARKWAY PHASE 1B STA. 205+00 ~ 213+00 - PLAN & PROFILE
34. TWINWOOD PARKWAY PHASE 1B STA. 213+00 ~ END - PLAN & PROFILE
35. DRAINAGE CHANNEL "E" & CHANNEL "D" STA. 0+00 ~ 4+50 - PLAN & PROFILE
36. DRAINAGE CHANNEL "D" STA. 4+50 ~ END - PLAN & PROFILE
37. DRAINAGE SWALES A-C
- 37A. HUNTS ROAD CULVERTS
38. HANNIBAL ROAD STA. 0+00 ~ 10+00 - PLAN & PROFILE
39. DRAINAGE CULVERT GROUPS A-D STA. 0+00 TO END - PLAN PROFILE
40. DRAINAGE CULVERT GROUPS E-H STA. 0+00 TO END - PLAN & PROFILE
41. DRAINAGE CULVERT GROUPS I-L STA. 0+00 TO END - PLAN & PROFILE
42. DRAINAGE CULVERT GROUPS M-P STA. 0+00 TO END - PLAN & PROFILE
43. DRAINAGE CULVERT GROUPS Q-T STA. 0+00 TO END - PLAN & PROFILE
44. DRAINAGE CULVERT GROUPS U-X STA. 0+00 TO END - PLAN & PROFILE
- 44A. DRAINAGE CULVERT GROUPS AA-Z STA. 0+00 TO END - PLAN & PROFILE
- 44B. DRAINAGE CULVERT GROUPS BB-DD STA. 0+00 TO END - PLAN & PROFILE
45. TWINWOOD PARKWAY CROSS SECTIONS STA. 0+00 ~ 60+00 - PROFILES
46. TWINWOOD PARKWAY CROSS SECTIONS STA. 65+00 ~ 105+00 - PROFILES
47. TWINWOOD PARKWAY CROSS SECTIONS STA. 110+00 ~ 160+00 - PROFILES
48. TWINWOOD PARKWAY CROSS SECTIONS STA. 160+00 ~ END - PROFILES
- 48A. BESSIE'S CREEK EXPANSION
- 48B. BROOKSHIRE CREEK EXPANSION
49. TWINWOOD PARKWAY - F.M. 1093 TRAFFIC CONTROL PLAN
50. TWINWOOD PARKWAY - HANNIBAL ROAD TRAFFIC CONTROL PLAN
51. TWINWOOD PARKWAY - HUNT ROAD TRAFFIC CONTROL PLAN
52. TWINWOOD PARKWAY - PECAN HILL ROAD TRAFFIC CONTROL PLAN
53. TRAFFIC CONTROL DETAILS (1 OF 3)
54. TRAFFIC CONTROL DETAILS (2 OF 3)
- 54A. METAL BEAM GUARD DETAILS
- 54B. SKT DETAIL
55. PARALLEL WINGWALL FOR BOX CULVERT AND TYPICAL BACKSLOPE DRAIN DETAILS
56. HEADWALL AND SAFETY END TREATMENT DETAILS
57. PAVING AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DETAILS
58. STORM SEWER DETAILS
59. BOX CULVERT DETAILS (1 OF 3)
60. BOX CULVERT DETAILS (2 OF 3)
61. BOX CULVERT DETAILS (3 OF 3)
62. TWINWOOD PARKWAY CROSS-SECTIONS
63. ENTERPRISE PIPELINE NOTES
64. ENTERPRISE PIPELINE LOCATION
65. KINDER MORGAN PIPELINE NOTES

JOB NO. 7777-1022

NOTES

1. THESE PLANS WERE PREPARED TO MEET OR EXCEED FORT BEND COUNTY RULES AND REGULATIONS (AS APPLICABLE) AS CURRENTLY AMENDED.
2. CONSTRUCTION WILL BE MONITORED BY A PROFESSIONAL ENGINEER TO ENSURE COMPLIANCE WITH THE CONSTRUCTION PLANS AND SPECIFICATIONS.
3. CONTRACTOR SHALL NOTIFY THE FOLLOWING ENTITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
FORT BEND COUNTY ENGINEER.....281-633-7500
4. CONTRACTOR SHALL CONTACT TEXAS ONE CALL (DIAL 811) AND ANY PERTINENT UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF EXCAVATION OR CONSTRUCTION IN THE VICINITY OF THEIR EASEMENTS AND/OR RIGHT-OF-WAYS.
5. THE OPENING AND CLOSING OF ALL VALVES ON EXISTING WATER LINES MUST BE PERFORMED EXCLUSIVELY BY THE DISTRICT OPERATOR.
6. THE DISTRICT OPERATOR MUST PERFORM ALL WATER LINE BACTERIOLOGICAL TESTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE DISTRICT.



LOCATION MAP

DIAL 811!
ONE CALL NOTIFICATION SYSTEM
CALL BEFORE YOU DIG
(713) 223-4567 (IN HOUSTON)
(New Statewide Number Outside Houston)
1-800-545-6005

FIRM
Flood Insurance Rate
Panel (0080) and (0090)
Map #48157C 0080L
BFE Elevation= Unavailable(Unstudied)
This site is in Zone A.

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

BY _____ DATE _____

PRINTED NAME _____

TITLE _____ INITIAL _____

COMPANY _____

RECORD DRAWING

I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

BY _____ DATE _____

PRINTED NAME _____

TITLE _____ INITIAL _____

COMPANY _____



10/4/2019

DEVELOPER:
TWINWOOD (U.S.), INC.

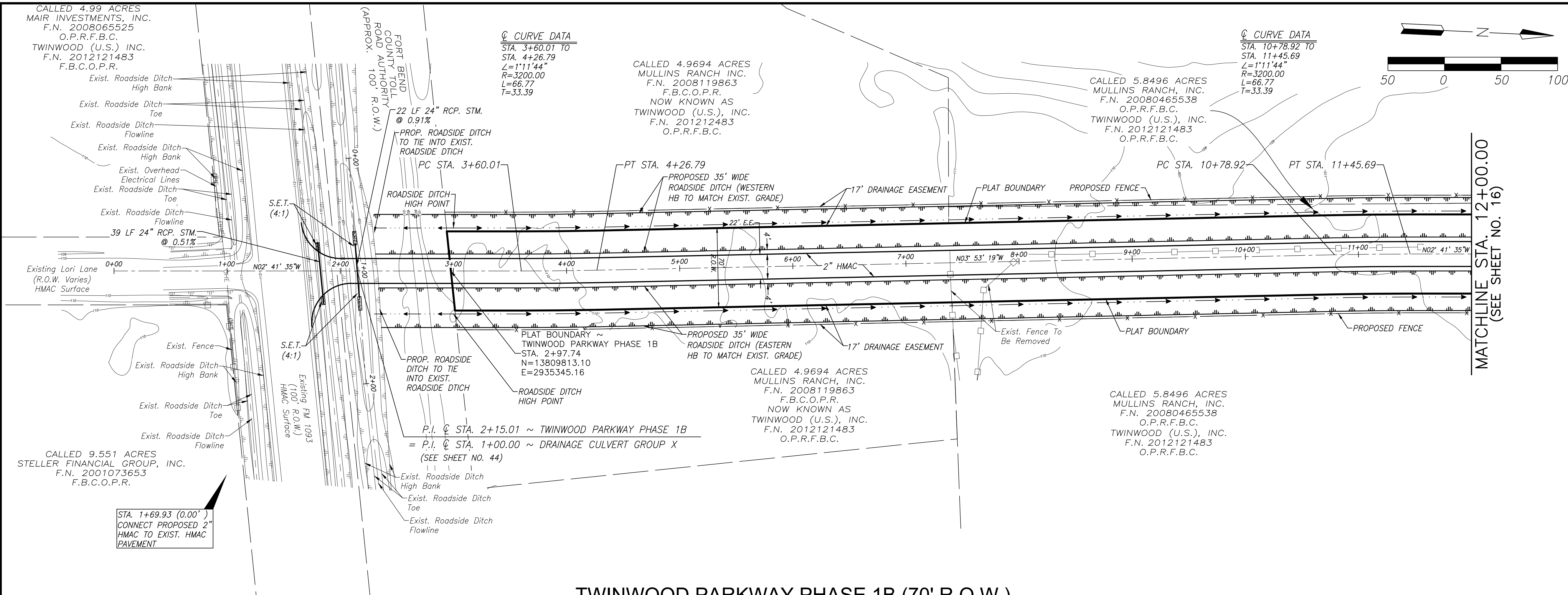
ENGINEER/SURVEYOR:

LJA Engineering, Inc.

2929 Briarpark Drive
Suite 600
Houston, Texas 77042



Phone 713.953.5200
Fax 713.953.5026
FRN-F-1386



BENCHMARK:
 NGS HGSD 66: A STAINLESS STEEL ROD IN SLEEVE ACCESSED THROUGH A LOGO CAP STAMPED HGSD 66 1986. THE POINT IS LOCATED A THE EAST SIDE OF FM 1463 +/- 625 FEET SOUTHEAST OF THE INTERSECTION OF FM 1463 AND CORBITT ROAD AND +/- 55 FEET EAST OF THE EASTERN EDGE OF PAVEMENT LINE OF FM 1463.

ELEVATION = 136.60 FEET NAVD88 (2001) FBC LIDAR DATUM

TEMPORARY BENCHMARK:
 TBM-A: A 5/8" IRON ROD WITH PLASTIC CAP STAMPED LJA CONTROL AT THE SOUTH SIDE OF A FIELD ROAD LOCATED +/- 1.24 MILES SOUTH OF THE INTERSECTION OF THE EAST BOUND IH-10 FRONTAGE ROAD AND WOODS ROAD. THE POINT IS LOCATED +/- 5 FEET WEST OF THE WESTERLY EDGE OF PAVEMENT OF WOODS ROAD AND +/- 19 FEET SOUTH OF THE SOUTHERLY EDGE OF THE ABOVE MENTIONED FIELD ROAD.

ELEVATION = 158.04 FEET NAVD88 (2001) FBC LIDAR DATUM

NOTES:

1. MANHOLE RIM ELEVATIONS SHOWN ON PLAN ARE APPROXIMATE ONLY. UTILITIES CONTRACTOR SHALL ADJUST MAN HOLE RIM TO 0.3' ABOVE FINISHED GRADE.
2. REFER TO PAVING DRAINAGE & PERMANENT SIGNAGE LAYOUT SHEET FOR SIGNAGE LOCATIONS.
3. CONTRACTOR SHALL FIELD VERIFY FLOWLINES OF ALL EXISTING STORM SEWER AND DRAINAGE FACILITIES WHERE TYING IN.
4. CONTRACTOR SHALL NOT EXCEED 1/2 MANUFACTURER'S RECOMMENDED MAXIMUM PIPE DEFLECTION

PROFILE VIEW EXIST GRADE KEY:

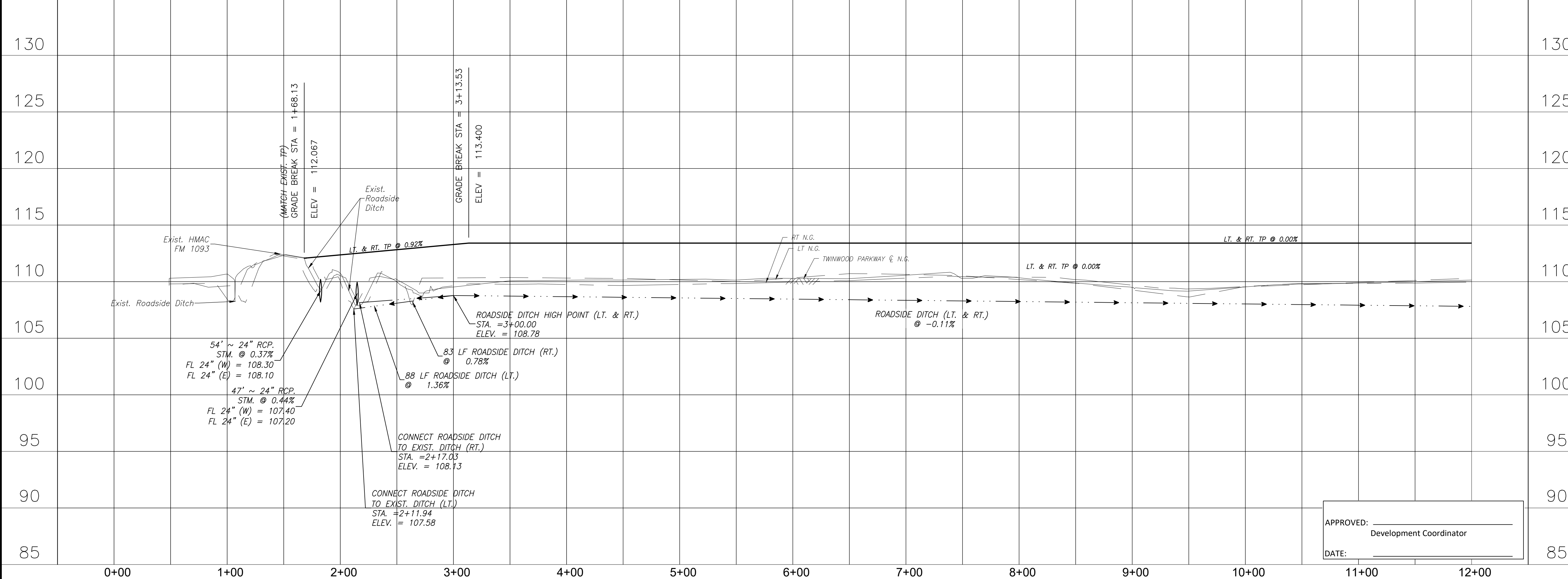
- _____ RANCH ROAD CL
- LEFT OF CENTERLINE
- RIGHT OF CENTERLINE

RECORD DRAWING

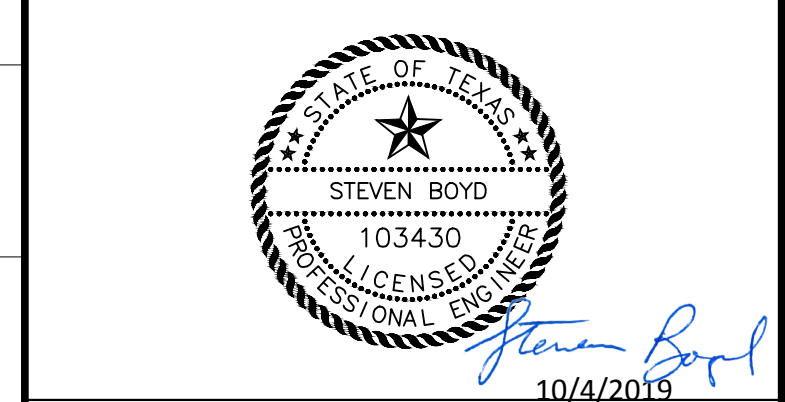
I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS

INITIAL _____ DATE _____

TWINWOOD PARKWAY PHASE 1B (70' R.O.W.)



DATE	REVISION	BY



LJA Engineering, Inc.
 2929 Briarpark Drive Phone 713.953.5200
 Suite 600 Fax 713.953.5026
 Houston, Texas 77042 FRN - F-1386

FORT BEND COUNTY MUD. NO. 213
 TWINWOOD PARKWAY PHASE 1B
 TWINWOOD PARKWAY PHASE 1B
 STA. 0+00 ~ 12+00

LJA Project No: 7777-1022 Scale: 1" = 50'
 Date: SEPTEMBER 2019 HORZ: 1" = 50'
 Dwn By: EJD VERT: 1" = 50'
 Chkd By: SB

APPROVED: _____
 Development Coordinator
 DATE: _____

Date/Time : Fri, 04 Oct 2019 - 12:26pm
 User Name : edeeo
 Path Name : I:\Projects\7777\1022\ROAD\ROAD P2-STA. 0+00 TO 12+00.dwg

TWINWOOD PARKWAY PHASE 1B- JOB NO. 7777-1022