



# COLLIN COUNTY

Office of the Purchasing Agent  
2300 Bloomdale Road  
Suite 3160  
McKinney, Texas 75071  
[www.collincountytx.gov](http://www.collincountytx.gov)

## COLLIN COUNTY, TEXAS

ADDENDUM No. Two (2)

IFB No. 2019-109

### INVITATION FOR BID

#### FOR

#### CONSTRUCTION, ROAD: OUTER LOOP ACCESS ROAD, DALLAS PARKWAY TO EAST OF SH 289

DATE: June 5, 2019

NOTICE TO ALL PROSPECTIVE BIDDERS:

PLEASE MAKE THE FOLLOWING CHANGES TO THE INVITATION FOR BID:

DELETE DOCUMENT:	0002 Index of Sheets
REPLACE WITH:	0002 Index of Sheets (Addendum 2)
DELETE DOCUMENT:	0022 Summary Sheets Drainage
REPLACE WITH:	0022 Summary Sheets Drainage (Addendum 2)
DELETE DOCUMENT:	0024 Summary Sheets Roadway
REPLACE WITH:	0024 Summary Sheets Roadway (Addendum 2)
DELETE DOCUMENT:	0028 Summary Sheet SW3P
REPLACE WITH:	0028 Summary Sheet SW3P (Addendum 2)
DELETE DOCUMENT:	0067 Signal Layout Preston Rd (SH 289) Temp. Signal Layout
REPLACE WITH:	0067 Signal Layout Preston Rd (SH 289) Temp. Signal Layout (Addendum 2)
DELETE DOCUMENT:	0068 Signal Layout Preston Rd (SH 289) Temp. Signal Summary
REPLACE WITH:	0068 Signal Layout Preston Rd (SH 289) Temp. Signal Summary (Addendum 2)
DELETE DOCUMENT:	0206 Culvert Layout Culvert B STA 1008+00.00
REPLACE WITH:	0206 Culvert Layout Culvert B STA 1008+00.00 (Addendum 2)
DELETE DOCUMENT:	0287A EBML Bridge BNSF Overpass Beam Layout – Unit 1
REPLACE WITH:	0287A EBML Bridge BNSF Overpass Beam Layout – Unit 1 (Addendum 2)
DELETE DOCUMENT:	0289A EBML Bridge BNSF Overpass Beam Layout – Unit 2
REPLACE WITH:	0289A EBML Bridge BNSF Overpass Beam Layout – Unit 2 (Addendum 2)
DELETE DOCUMENT:	0323 Signal Layout Preston Rd (SH 289) Proposed Layout
REPLACE WITH:	0323 Signal Layout Preston Rd (SH 289) Proposed Layout (Addendum 2)
DELETE DOCUMENT:	0324 Signal Layout Preston Rd (SH 289) Proposed Signal Summary
REPLACE WITH:	0324 Signal Layout Preston Rd (SH 289) Proposed Signal Sum. (Addendum 2)

DELETE DOCUMENT: Pages 383-396 SW3P Plan  
REPLACE WITH: Pages 383-396 SW3P (Addendum 2)

DELETE DOCUMENT: EQ01 Estimate & Quantities (Addendum 1)  
REPLACE WITH: EQ01 Estimate & Quantities (Addendum 2)

DELETE DOCUMENT: EQ02 Estimate & Quantities (Addendum 1)  
REPLACE WITH: EQ02 Estimate & Quantities (Addendum 2)

DELETE DOCUMENT: Pages 239-240 – B04 CCOL General Notes (Addendum 1)  
REPLACE WITH: Pages 239-240 – B04 CCOL General Notes (Addendum 2)

DELETE DOCUMENT: Pages 247-248 – B04 CCOL General Notes (Addendum 1)  
REPLACE WITH: Pages 247-248 – B04 CCOL General Notes (Addendum 2)

DELETE DOCUMENT: Page 039-054 004100 Bid Form\_CCOL\_CEST\_BID\_TAB (Addendum 1)  
REPLACE WITH: Pages 039, 040, 42-44, 53 –A1 004100 Bid Form\_CCOL\_CEST\_BID\_TAB (Addendum 2)

DELETE DOCUMENT: Page 031-038 004100 Bid Form (Addendum 1)  
REPLACE WITH: Page 031-038-2 004100 Bid Form (Addendum 2)

DELETE DOCUMENT: CCOL\_BIDTABS.xlsm  
REPLACE WITH: CCOL\_BIDTABS (Addendum 2).xlsm

ADD: Addendum 2 Questions and Answers

DELETE: Attribute 6 – Insurance Acknowledgement  
REPLACE WITH: Attribute 7 – Insurance Acknowledgement - Construction

ALL OTHER TERMS AND CONDITIONS OF THE BID AND SPECIFICATIONS REMAIN THE SAME.

SINCERELY,  
MICHALYN RAINS, CPPO, CPPB  
PURCHASING AGENT

md

SHEET NO	DESCRIPTION	SHEET NO	DESCRIPTION	SHEET NO	DESCRIPTION
<div>GENERAL</div> <div>1 TITLE SHEET</div> <div>2 INDEX OF SHEETS</div> <div>3 PROJECT LAYOUT</div> <div>4 EXISTING TYPICAL SECTIONS</div> <div>6 PROPOSED TYPICAL SECTIONS</div> <div>E01 ESTIMATES AND QUANTITIES</div> <div>18 SUMMARY SHEETS</div> <div>30 SUMMARY OF SMALL SIGNS</div>					
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<div>TRAFFIC ITEMS</div> <div>322 SIGNAL LAYOUT PRESTON RD (SH 289)</div> <div>327 OUTER LOOP ROW SIGNING PLAN</div> <div>330 SIGNING &amp; PAVEMENT MARKINGS</div>					
<div>TRAFFIC STANDARDS</div> <div>344 * ED(1)-14</div> <div>352 * SMA-80(1)-12 (DAL) &amp; SMA-80(2)-12 (DAL)</div> <div>354 * MA-C-12</div> <div>355 * MA-D-12 (DAL)</div> <div>356 * TS-FD-12</div> <div>357 * LUM-A-12</div> <div>358 * CFA-12</div> <div>359 * MA-DPD-12</div> <div>360 * PEDESTRIAN SIGNAL HEAD DETAIL (DAL)</div> <div>361 * TRAFFIC SIGNAL HEAD DETAILS (DAL)</div> <div>362 * D&amp;OM(1,2)-15, D&amp;OM(3)-15B, D&amp;OM(4,5)-15</div> <div>367 * D&amp;OM(VIA)-15</div> <div>368 * PM(1)-12 THRU PM(3)-12</div> <div>371 * SMD(GEN)-08</div> <div>372 * SMD(SLIP)-1) -08 THRU SMD(SLIP-3)-08</div> <div>375 * TSR(4)-13</div> <div>377 * RADAR VEHICLE DETECTION SYSTEM RVS0-18</div> <div>378 * INSTALLATION OF BBU/EVP</div> <div>380A * SNS-95</div>					
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<div>BNSF "EXHIBIT A"</div> <div>404 EXHIBIT TITLE</div> <div>416 EXHIBIT "A" BNSF OVERPASS</div>					

<>,\*#,%+,% THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

DATE 6/4/19

NO.	DATE	REVISION	APPROV.
2	6/4/19	ADDED SHEETS 287A & 289A	JG

COLLIN COUNTY OUTER LOOP



INDEX OF SHEETS

JACOBS

FIRM REGISTRATION F-2966



BOND PROJECT NO. 07-094 SHEET 2

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SUMMARY OF DRAINAGE ITEMS														
LOCATION	402 6001	432 6002	432 6033	462 6014	462 6109	464 6003	464 6005	465 6002	465 6013	465 6014	465 6015	465 6016	465 6133	465 6158
	TRENCH EXCAVATION PROTECTION	RIPRAP (CONC) (5 IN)	RIPRAP (STONE PROTECTION) (18 IN)	CONC BOX CULV (7 FT X 3 FT)	CONC BOX CULV (8 FT X 3 FT) (EXTEND)	RC PIPE (CL III) (18 IN)	RC PIPE (CL III) (24 IN)	MANH (COMPL) (PRM) (48IN)	INLET (COMPL) (PCO) (3FT) (NONE)	INLET (COMPL) (PCO) (3FT) (LEFT)	INLET (COMPL) (PCO) (3FT) (RIGHT)	INLET (COMPL) (PCO) (3FT) (BOTH)	INLET (COMPL) (PSL) (FG) (4FTX5FT-3FTX5FT)	INLET (COMPL) (P AZD) (FG) (3FTX3 FT-3FTX3FT)
	LF	CY	CY	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA
DRAINAGE PLAN														
SHEET 1 OF 8		10				741	791	1	8	5	1			
SHEET 2 OF 8		17				1,388	89	2	11		4			
SHEET 3 OF 8		20				990							5	
SHEET 4 OF 8		5				715	216	3	1	3	1	2		
SHEET 5 OF 8						208			1			1		
SHEET 6 OF 8							448	1		2		1		2
SHEET 7 OF 8		9				1,494	147		8	3	4			
SHEET 8 OF 8		4				507			2		4			1
CULVERTS														
CULVERT A	23		27		48									
CULVERT B	71		97	159										
PROJECT TOTALS	94	65	124	159	48	6,043	1,691	7	31	13	14	4	5	3

SUMMARY OF DRAINAGE ITEMS										
LOCATION	466 6152	466 6153	466 6180	467 6356	467 6358	467 6362	467 6390	467 6391	467 6394	480 6001
	WINGWALL (FW - 0) (HW=5 FT)	WINGWALL (FW - 0) (HW=6 FT)	WINGWALL (PW - 1) (HW=5 FT)	SET (TY II) (18 IN) (RCP) (3: 1) (C)	SET (TY II) (18 IN) (RCP) (4: 1) (C)	SET (TY II) (18 IN) (RCP) (6: 1) (C)	SET (TY II) (24 IN) (RCP) (4: 1) (C)	SET (TY II) (24 IN) (RCP) (4: 1) (P)	SET (TY II) (24 IN) (RCP) (6: 1) (C)	CLEAN EXIST CULVERTS
	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
DRAINAGE PLAN									1	
SHEET 1 OF 8					0	2				
SHEET 2 OF 8										
SHEET 3 OF 8				1						
SHEET 4 OF 8							1	1		
SHEET 5 OF 8										
SHEET 6 OF 8					1	1	1		3	
SHEET 7 OF 8					2					
SHEET 8 OF 8										0
CULVERTS										3
CULVERT A	1									
CULVERT B		1	1							
PROJECT TOTALS	1	1	1	1	3	4	2	1	4	3

2	06/04/19	REVISED VARIOUS ITEM QUANTITIES	JG
NO.	DATE	REVISION	APPROV.
COLLIN COUNTY OUTER LOOP			
			
SUMMARY SHEETS DRAINAGE			
SHEET 5 OF 12			
			
FIRM REGISTRATION: F-2966			
BOND PROJECT NO. 07-094 SHEET 22			

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FILENAME: C:\001160\07\gqg\BDR.DGN

PLOT DATE: \$PLOTDATE

PLOT TIME: \$PLOTTIME

SUMMARY OF TRAFFIC SIGNAL ITEMS												
LOCATION	416 6032	618 6023	618 6029	618 6030	618 6046	620 6007	620 6008	621 6002	624 6008	628 6187	680 6002	681 6001
	DRILL SHAFT (TRF SIG POLE) (36 IN)	CONDT (PVC) (SCH 40) (2")	CONDT (PVC) (SCH 40) (3")	CONDT (PVC) (SCH 40) (3") (BORE)	CONDT (PVC) (SCH 80) (2")	ELEC CONDR (NO. 8) BARE	ELEC CONDR (NO. 8) INSULATED	TRAY CABLE (3 CONDR) (12 AWG)	GROUND BOX TY C (162911) W/APR ON	ELC SRV TY D 120/240 070 (NS) SS (E) P S (U)	INSTALL HWY TRF SIG (ISOLATED)	TEMP TRAF SIGNALS
	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA
Intersection	39	140	130	260	100	505	840	920	9	1	1	1
PROJECT TOTALS	39	140	130	260	100	505	840	920	9	1	1	1

SUMMARY OF TRAFFIC SIGNAL ITEMS												
LOCATION	682 6001	682 6002	682 6003	682 6004	682 6005	682 6006	682 6018	682 6023	682 6025	684 6031	684 6033	684 6036
	VEH SIG SEC (12") LED (GRN)	VEH SIG SEC (12") LED (GRN ARW)	VEH SIG SEC (12") LED (YEL)	VEH SIG SEC (12") LED (YEL ARW)	VEH SIG SEC (12") LED (RED)	VEH SIG SEC (12") LED (RED ARW)	PED SIG SEC (LED) (COUNTDO WN)	BACK PLATE (12") (3 SEC)	BACK PLATE (12") (5 SEC)	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	TRF SIG CBL (TY A) (14 AWG) (10 CONDR)
	EA	EA	EA	EA	EA	EA	EA	EA	EA	LF	LF	LF
Intersection	4	2	4	4	4	4	6	4	2	234	123	1,010
PROJECT TOTALS	4	2	4	4	4	4	6	4	2	234	123	1,010

SUMMARY OF TRAFFIC SIGNAL ITEMS										
LOCATION	684 6042	684 6079	686 6282	687 6001	688 6001	6027 6003	6027 6008	6090 6002	6292 6001	6292 6003
	TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	TRF SIG CBL (TY C) (12 AWG) (2 CONDR)	RELOC TRF SG PL AM(S) SNGL MST ARM POLE	PED POLE ASSEMBLY	PED DETECT PUSH BUTTON (APS)	CONDUIT (PREPARE)	GROUND BOX (PREPARE)	ILSN (LED) (8 D)	RVDS (PRESENCE DETECTION ONLY)	RVDS (PRESENCE AND ADVANCE DET)
	LF	LF	EA	EA	EA	LF	EA	EA	EA	EA
Intersection	750	1,365	4	5	6	175	2	4	2	4
PROJECT TOTALS	750	1,365	4	5	6	175	2	4	2	4

5  
2

2	06/04/19	REVISED ITEM 6001 QUANTITIES	SI
NO.	DATE	REVISION	APPROV.

COLLIN COUNTY OUTER LOOP



SUMMARY  
SHEETS  
SIGNAL

SHEET 7 OF 12

JACOBS

FIRM REGISTRATION: F-2966

BOND PROJECT NO. 07-094

SHEET 24

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LOCATION		0164 6041	0164 6043	0164 6035	0168 6001	0506 6002	0506 6003	0506 6011	0506 6020	0506 6024	0506 6038	0506 6039	0506 6041	0506 6043
		DRILL SEEDING (TEMP) (WARM)	DRILL SEEDING (TEMP) (COOL)	DRILL SEEDING (PERM) (RURAL) (CLAY)	VEGETATIVE WATERING	ROCK FILTER DAMS (INSTALL) (TY 2)	ROCK FILTER DAMS (INSTALL) (TY 3)	ROCK FILTER DAMS (REMOVE)	CONSTRUCTION EXITS (INSTALL) (TY 1)	CONSTRUCTION EXITS (REMOVE)	TEMP SEDMT CONT FENCE (INSTALL)	TEMP SEDMT CONT FENCE (REMOVE)	BIODEG EROSN CONT LOGS (INSTL) (12")	BIODEG EROSN CONT LOGS (REMOVE)
PLAN SHEET NO.	STATION TO STATION	SY	SY	SY	MG	LF	LF	LF	SY	SY	LF	LF	LF	LF
COLLIN COUNTY OUTER LOOP RD														
1 OF 14	BEGIN TO STA 1007+00	6475	6475	12950	3051	45		45	78	78	830	830	120	120
2 OF 14	STA 1007+00 TO STA 1018+00	8960	8960	17920	4221	225		225			1050	1050	440	440
3 OF 14	STA 1018+00 TO STA 1029+00	7695	7695	15390	3625	75		75			1100	1100	440	440
4 OF 14	STA 1029+00 TO STA 1040+00	9390	9390	18780	4424	45		45			1520	1520	160	160
5 OF 14	STA 1040+00 TO STA 1051+00	9180	9180	18360	4325	45	30	75			1992	1992		
6 OF 14	STA 1051+00 TO STA 1062+00	14895	14895	29790	7017	135		135			592	592	200	200
7 OF 14	STA 1062+00 TO STA 1073+00	16625	16625	33250	7832	120		120			1003	1003	240	240
8 OF 14	STA 1073+00 TO STA 1084+00	16600	16600	33200	7820	90		90			761	761	240	240
9 OF 14	STA 1084+00 TO STA 1095+00	6910	6910	13820	3256	15		15	156	156	640	640	560	560
10 OF 14	STA 1095+00 TO END	775	775	1550	366	30		30						
WESTBOUND CONNECTOR														
11 OF 14	STA 1067+00 TO STA 1075+00	8000	8000	16000	3769	45		45			936	936	240	240
12 OF 14	STA 1075+00 TO STA 1085+00	10920	10920	21840	5145	75		75			1017	1017	400	400
PRESTON RD														
13 OF 14	BEGIN TO STA 416+00	825	825	1650	389						410	410	40	40
14 OF 14	STA 423+00 TO END	125	125	250	59								20	20
TOTALS		117375	117375	234750	55299	945	30	975	234	234	11851	11851	3100	3100

[illegible]

## COLLIN COUNTY OUTER LOOP



SUMMARY  
SHEETS  
SW3P

SHEET 11 OF 12



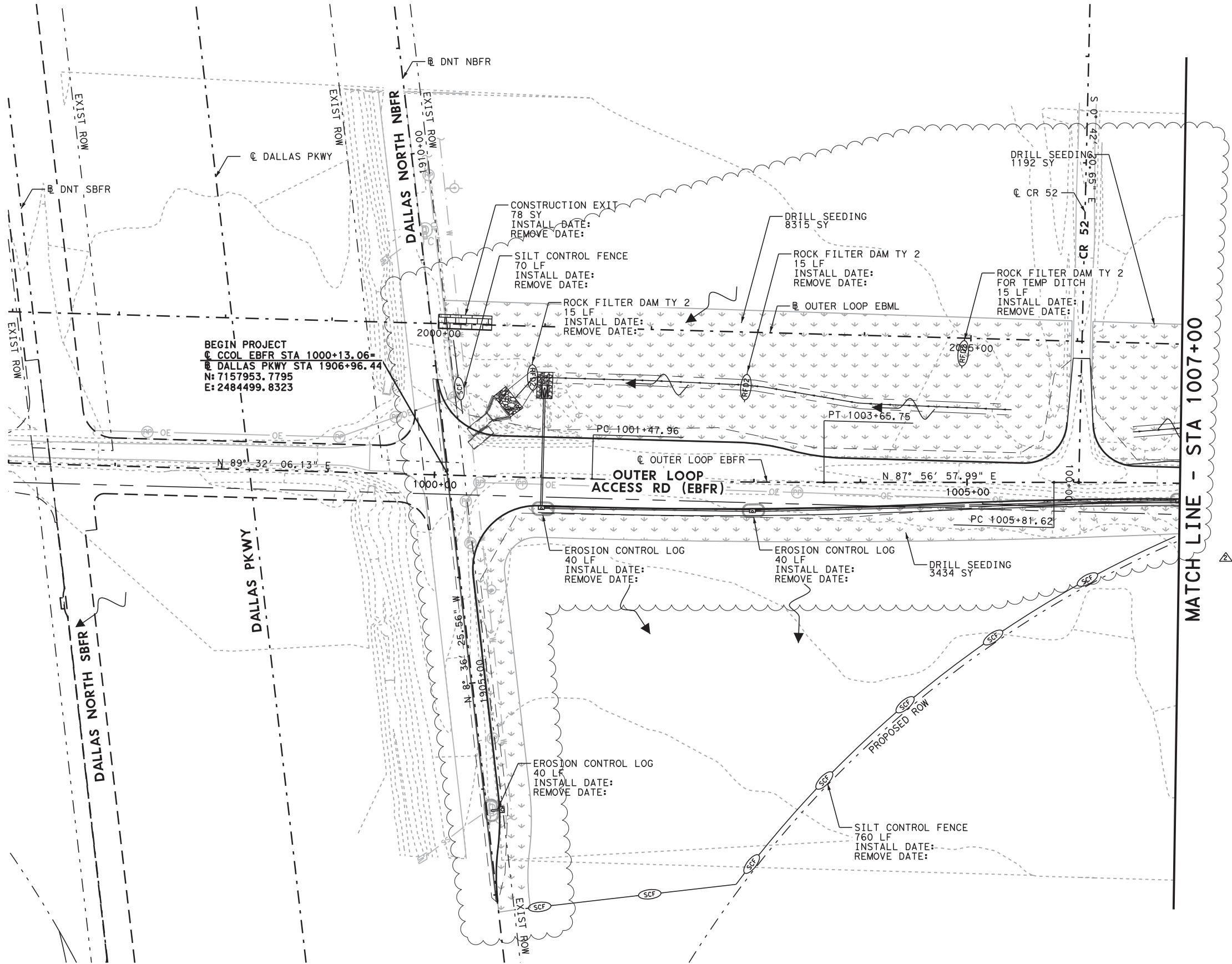
**BGE, Inc.**  
2595 Dallas Parkway, Suite 101, Frisco, TX 75034  
Tel: 972-464-4800 • [www.browngay.com](http://www.browngay.com)  
TBPE Registration No. F-1046

BOND PROJECT NO. 07-094

SHEET 28

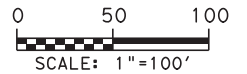


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- LEGEND**
- SCF SEDIMENT CONTROL FENCE
  - RFD2 ROCK FILTER DAM TY 2
  - RFD3 ROCK FILTER DAM TY 3
  - CONSTRUCTION EXIT
  - EROSION CONTROL LOG
  - FLOW ARROW
  - DRILL SEEDING

- NOTES:**
- SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
  - PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
  - CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
  - EROSION CONTROL LOGS SHALL BE 12 INCHES IN DIAMETER UNLESS OTHERWISE NOTED.
  - CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.



STATE OF TEXAS  
MICHAEL G. ZIEMINSKI  
103845  
LICENSED PROFESSIONAL ENGINEER

5/31/19	LEGEND		MZ
5/31/19	SEEDING		MZ
NO.	DATE	REVISION	APPROV.

**COLLIN COUNTY OUTER LOOP**



**SW3P PLAN  
ACCESS ROAD  
BEGIN PROJECT TO STA 1007+00**

SHEET 1 OF 14

BGE Inc.  
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TDP# Registration No. F-1046

BOND PROJECT NO. 07-094 SHEET 383

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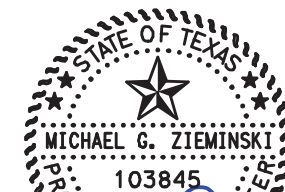
#### LEGEND

- SCF SEDIMENT CONTROL FENCE
- RFD2 ROCK FILTER DAM TY 2
- RFD3 ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

#### NOTES:

- SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
- PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
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- CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

0 50 100  
SCALE: 1"=100'



*Michael G. Zieminski*

5/31/19	LEGEND	MZ	
5/31/19	SEEDING	MZ	
NO.	DATE	REVISION	APPROV.

#### COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1007+00 TO STA 1018+00

SHEET 2 OF 14

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BOND PROJECT NO. 07-094

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PROPOSED ROW



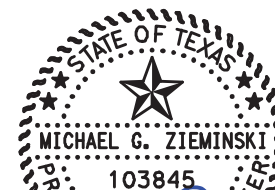
LEGEND

- SCF SEDIMENT CONTROL FENCE
- RFD2 ROCK FILTER DAM TY 2
- RFD3 ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
3. CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
4. EROSION CONTROL LOGS SHALL BE 12 INCHES IN DIAMETER UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

0 50 100  
SCALE: 1"=100'



NO.	DATE	REVISION	APPROV.
5/31/19		LEGEND	MZ
5/31/19		SEEDING	MZ

COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1018+00 TO STA 1029+00

SHEET 3 OF 14

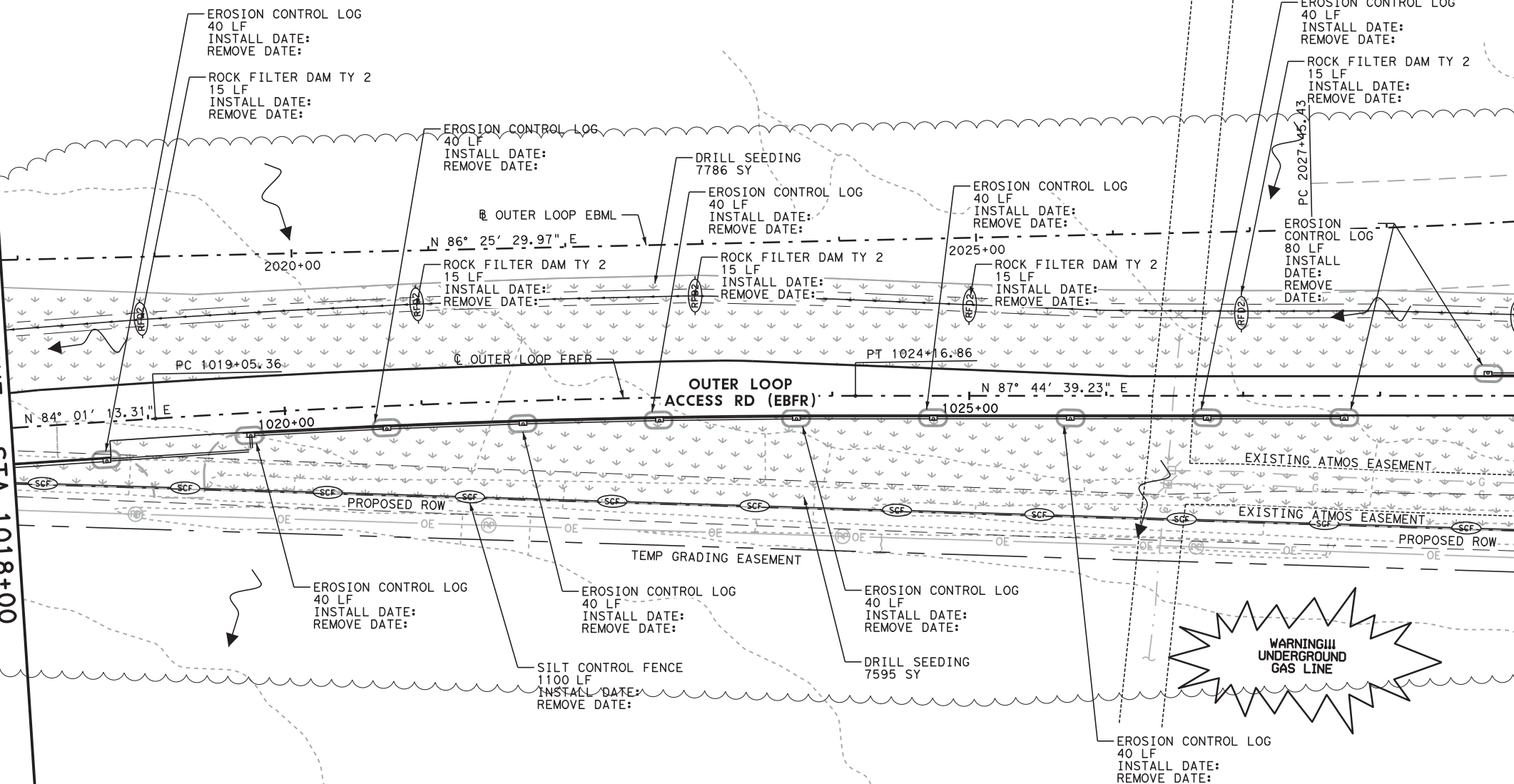
BGE Inc.  
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BOND PROJECT NO. 07-094

SHEET 385

MATCH LINE - STA 1018+00

MATCH LINE - STA 1029+00



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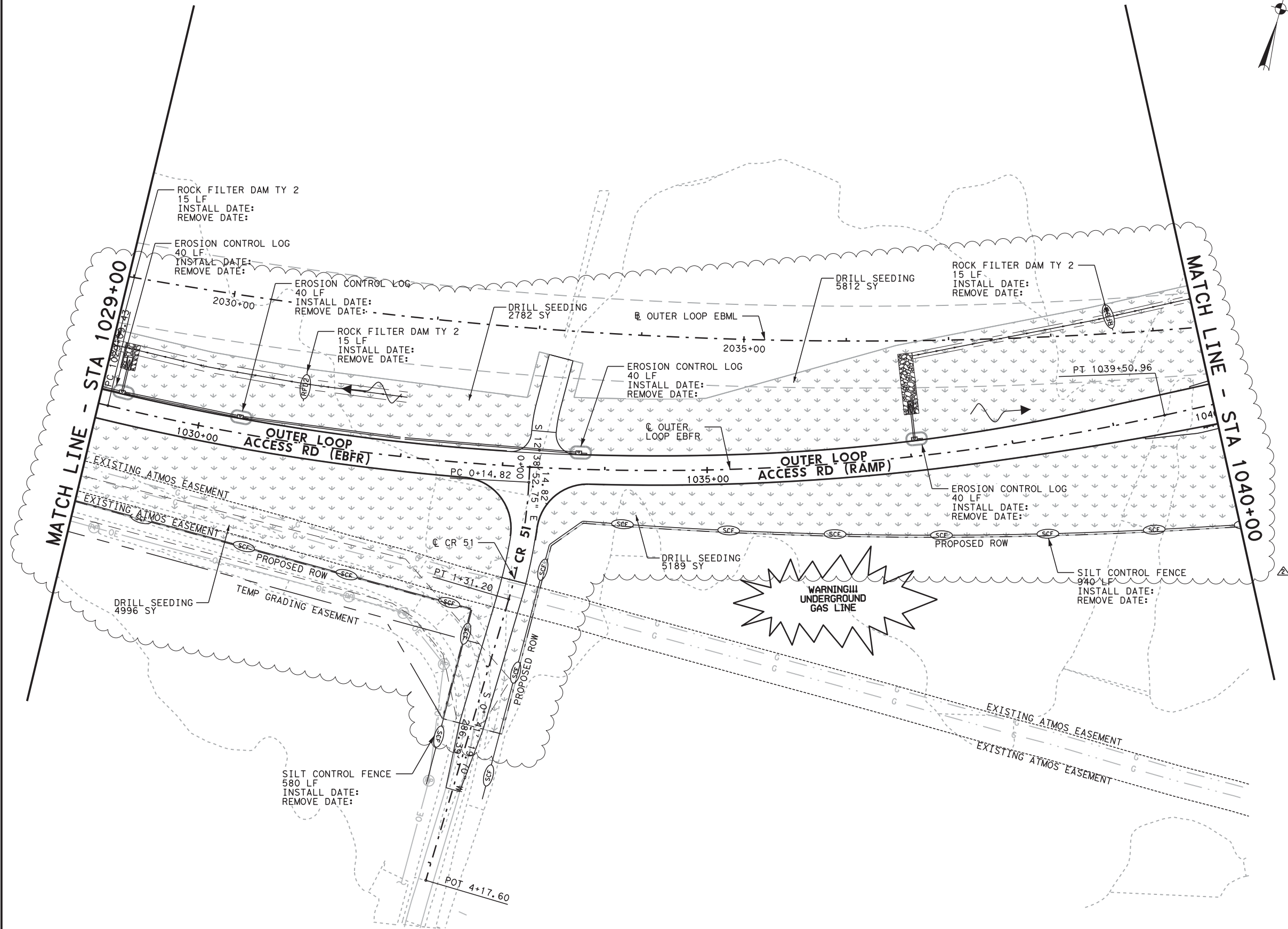
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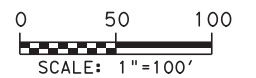




LEGEND

- 
- (SCF) — SEDIMENT CONTROL FENCE
  - (RFD2) ROCK FILTER DAM TY 2
  - (RFD3) ROCK FILTER DAM TY 3
  - CONSTRUCTION EXIT
  - EROSION CONTROL LOG
  - FLOW ARROW
  - DRILL SEEDING

NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
3. CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
4. EROSION CONTROL LOGS SHALL BE 12 INCHES IN DIAMETER UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.



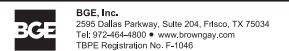
	5/31/19	LEGEND	MZ
	5/31/19	SEEDING	MZ
NO.	DATE	REVISION	APPROV.

## COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1029+00 TO STA 1040+00

SHEET 4 OF 14



BOND PROJECT NO. 07-094

SHEET 386



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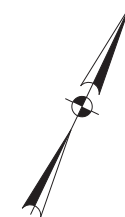
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PLOT TIME:



#### LEGEND

- SEDIMENT CONTROL FENCE
- ROCK FILTER DAM TY 2
- ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

#### NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
3. CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
4. EROSION CONTROL LOGS SHALL BE 12 INCHES IN DIAMETER UNLESS OTHERWISE NOTED.
5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

0 50 100  
SCALE: 1"=100'



*Michael G. Zieminski*

NO.	DATE	REVISION	APPROV.
5/31/19		LEGEND	MZ
5/31/19		SEEDING	MZ

#### COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1040+00 TO STA 1051+00

SHEET 5 OF 14

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TDP# Registration No. F-1046

BOND PROJECT NO. 07-094

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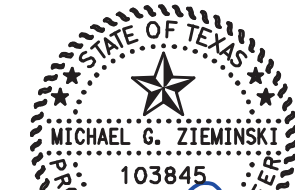
# LEGEND

- SCF SEDIMENT CONTROL FENCE
- RFD2 ROCK FILTER DAM TY 2
- RFD3 ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

## NOTES:

- SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
- PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
- CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
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- CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

0 50 100  
SCALE: 1"=100'



NO.	DATE	REVISION	APPROV.
5/31/19		LEGEND	MZ
5/31/19		SEEDING	MZ

## COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1051+00 TO STA 1062+00

SHEET 6 OF 14

BGE Inc.  
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TBP# Registration No. F-1046

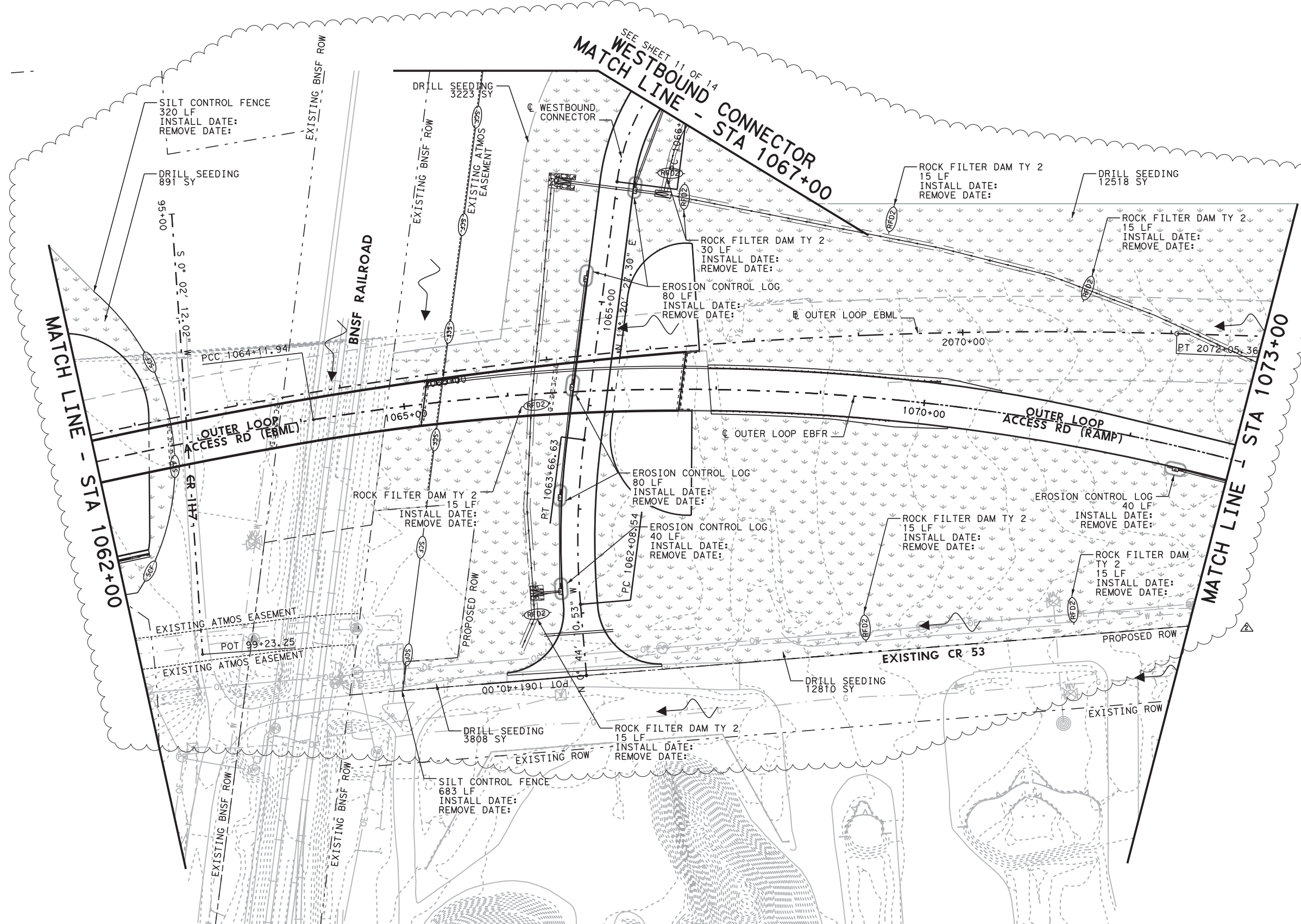
BOND PROJECT NO. 07-094

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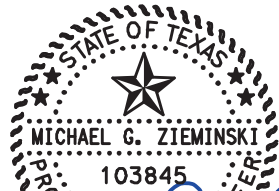
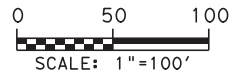
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**LEGEND**

- SCF — SEDIMENT CONTROL FENCE
- RFD2 — ROCK FILTER DAM TY 2
- RFD3 — ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

- NOTES:**
1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
  2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
  3. CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
  4. EROSION CONTROL LOGS SHALL BE 12 INCHES IN DIAMETER UNLESS OTHERWISE NOTED.
  5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.



5/31/19	LEGEND	MZ	
5/31/19	SEEDING	MZ	
NO.	DATE	REVISION	APPROV.

**COLLIN COUNTY OUTER LOOP**



**SW3P PLAN  
ACCESS ROAD  
STA 1062+00 TO STA 1073+00**

SHEET 7 OF 14

**BGE Inc.**  
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TDP® Registration No. F-1046

BOND PROJECT NO. 07-094 SHEET 389







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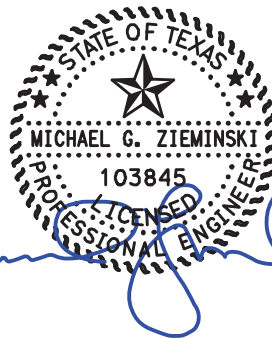
#### LEGEND

- SCF SEDIMENT CONTROL FENCE
- RFD2 ROCK FILTER DAM TY 2
- RFD3 ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

#### NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
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SCALE: 1"=100'



NO.	DATE	REVISION	APPROV.
5/31/19		LEGEND	MZ
5/31/19		SEEDING	MZ

#### COLLIN COUNTY OUTER LOOP



SW3P PLAN  
ACCESS ROAD  
STA 1095+00 TO END PROJECT

SHEET 10 OF 14

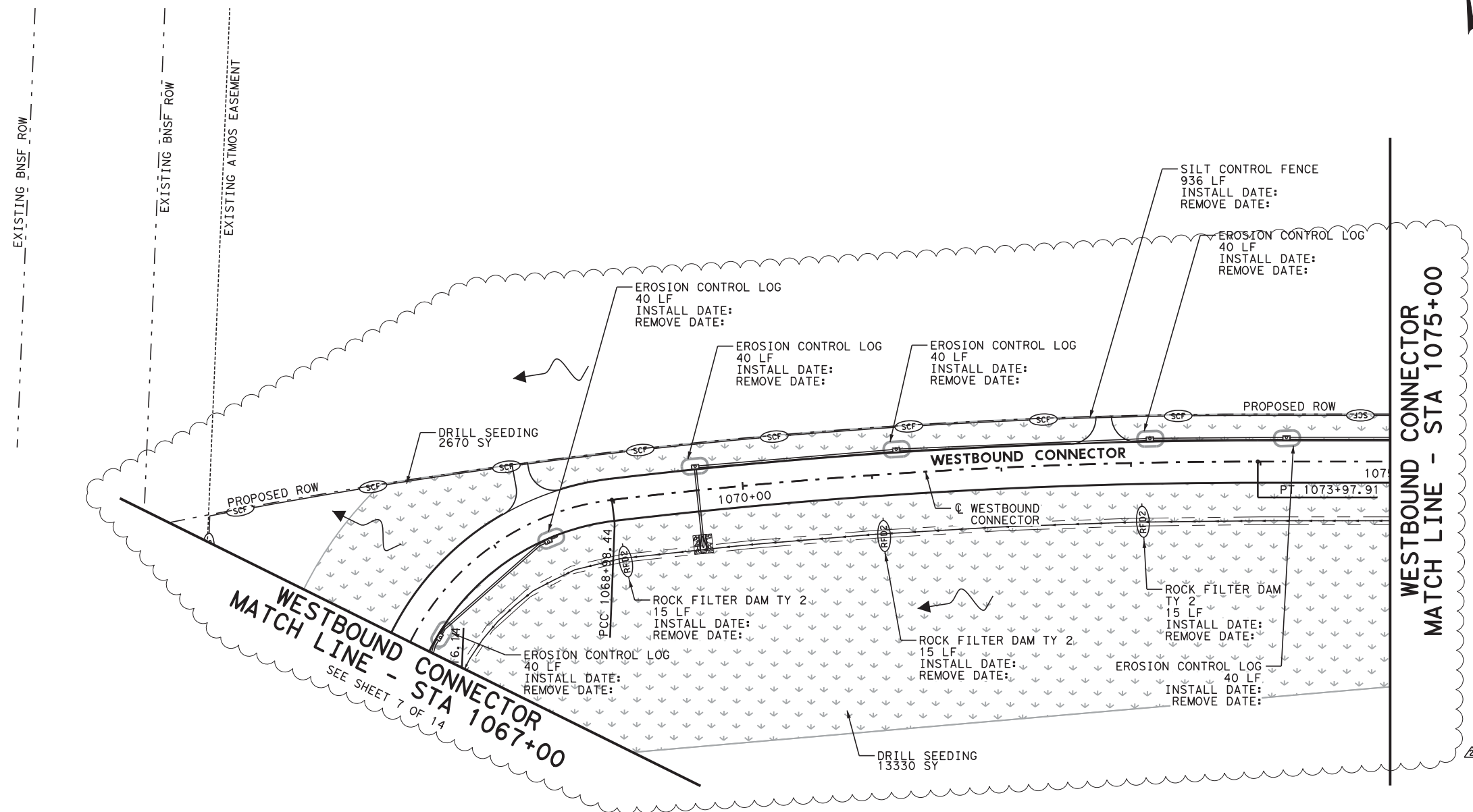
BGE Inc.  
2595 Dallas Parkway, Suite 204, Frisco, TX 75034  
Tel: 972-464-4800 • www.browngay.com  
TDP# Registration No. F-1046

BOND PROJECT NO. 07-094

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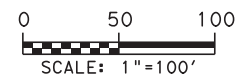


LEGEND

- 
- (SCF)— SEDIMENT CONTROL FENCE
  - (RFD2)— ROCK FILTER DAM TY 2
  - (RFD3)— ROCK FILTER DAM TY 3
  - CONSTRUCTION EXIT
  - EROSION CONTROL LOG
  - FLOW ARROW
  - DRILL SEEDING

NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
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5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

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## COLLIN COUNTY OUTER LOOP



SW3P PLAN  
WESTBOUND CONNECTOR  
STA 1062+00 TO STA 1075+00

SHEET 11 OF 14



BOND PROJECT NO. 07-094

SHEET 393

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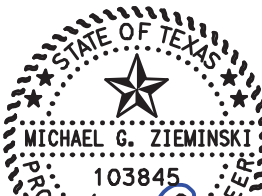
LEGEND

- SCF SEDIMENT CONTROL FENCE  
RFD2 ROCK FILTER DAM TY 2  
RFD3 ROCK FILTER DAM TY 3  
CONSTRUCTION EXIT  
EROSION CONTROL LOG  
FLOW ARROW  
DRILL SEEDING

NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
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0 50 100  
SCALE: 1"=100'



*Michael G. Zieminski*

NO.	DATE	REVISION	APPROV.
5/31/19		LEGEND	MZ
5/31/19		SEEDING	MZ

COLLIN COUNTY OUTER LOOP



SW3P PLAN  
WESTBOUND CONNECTOR  
STA 1075+00 TO STA 1084+50

SHEET 12 OF 14

BGE Inc.  
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BOND PROJECT NO. 07-094

SHEET 394

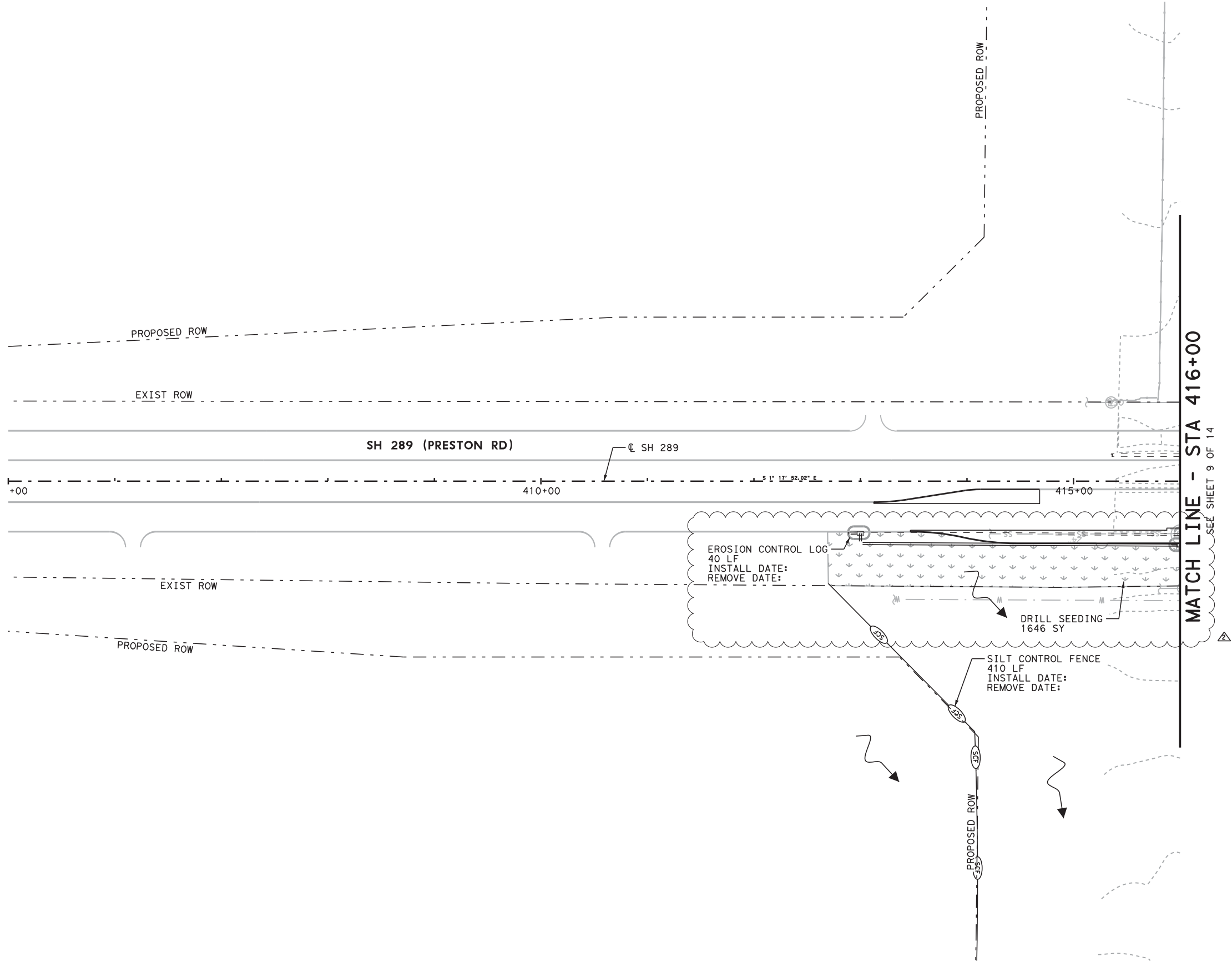
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**LEGEND**

- SCF SEDIMENT CONTROL FENCE
- RFD2 ROCK FILTER DAM TY 2
- RFD3 ROCK FILTER DAM TY 3
- CONSTRUCTION EXIT
- EROSION CONTROL LOG
- FLOW ARROW
- DRILL SEEDING

- NOTES:**
1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
  2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
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0 50 100  
SCALE: 1"=100'

STATE OF TEXAS  
MICHAEL G. ZIEMINSKI  
103845  
PROFESSIONAL ENGINEER

5/31/19	LEGEND	MZ	
5/31/19	SEEDING	MZ	
NO.	DATE	REVISION	APPROV.

COLLIN COUNTY OUTER LOOP



SW3P PLAN  
PRESTON RD (SH 289)  
STA 405+00 TO STA 416+00

SHEET 13 OF 14

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TBP# Registration No. F-1046

BOND PROJECT NO. 07-094 SHEET 395



- 
- SCF SEDIMENT CONTROL FENCE
  - RFD2 ROCK FILTER DAM TY 2
  - RFD3 ROCK FILTER DAM TY 3
  - CONSTRUCTION EXIT
  - EROSION CONTROL LOG
  - FLOW ARROW
  - DRILL SEEDING

NOTES:

1. SEE DRAINAGE AND ROADWAY PLANS FOR MORE DETAILS.
2. PLACE ROCK FILTER DAM (TYPE 2) ACROSS DITCH (PERPENDICULAR TO FLOW) APPROXIMATELY EVERY 200 FEET IN PROPOSED DITCHES.
3. CONSTRUCTION EXITS SHALL BE TYPE 1 UNLESS OTHERWISE NOTED.
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5. CONTRACTOR TO DETERMINE INSTALLATION AND REMOVAL OF EROSION CONTROL ITEMS AHEAD OF EVERY CONSTRUCTION PHASE.

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## COLLIN COUNTY OUTER LOOP



SW3P PLAN  
PRESTON RD (SH 289)  
STA 423+00 TO STA 434+00

SHEET 14 OF 14



BOND PROJECT NO. 07-094		SHEET 396	
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1		100	6002		PREPARING ROW	STA	97.56	
2		104	6001		REMOVING CONC (PAV)	SY	2,660	
3		104	6021		REMOVING CONC (CURB)	LF	1,929	
4		105	6021		REMOVING STAB BASE AND ASPH PAV (0-4")	SY	904	
5		105	6107		REMOVING STAB BASE & ASPH PAV (15"-16")	SY	1,402	
6		106	6002		OBLITERATING ABANDONED ROAD	SY	8,145	
7		110	6001		EXCAVATION (ROADWAY)	CY	58,572	
8		110	6002		EXCAVATION (CHANNEL)	CY	5,300	
9		132	6004	002	EMBANKMENT (FINAL) (DENS CONT) (TY B)	CY	289,748	
10		132	6025	002	EMBANKMENT (FINAL) (DENS CONT) (TY C1)	CY	92,237	
11		132	6026	002	EMBANKMENT (FINAL) (DENS CONT) (TY C2)	CY	3,502	
12		164	6041		DRILL SEEDING (TEMP) (WARM)	SY	117,375	
13		164	6043		DRILL SEEDING (TEMP) (COOL)	SY	117,375	
14		164	6035		DRILL SEEDING (PERM) (RURAL) (CLAY)	SY	234,750	
15		168	6001		VEGETATIVE WATERING	MG	55,299	
16		247	6230	003	FL BS (CMP IN PLACE) (TY A GR 1-2) (8")	SY	53,968	
17		260	6002		LIME (HYDRATED LIME (SLURRY))	TON	26	
18		260	6027		LIME TRT (EXST MATL) (8")	SY	1,463	
19		310	6027		PRIME COAT (MC-30 OR AE-P)	GAL	10,792	
20		340	6122		D-GR HMA (SQ) TY-D PG70-22	TON	195	
21		341	6008	001	D-GR HMA TY-B PG64-22	TON	10,569	
22		360	6002		CONC PVMT (CONT REINF - CRCP) (8")	SY	1,081	
23		360	6003		CONC PVMT (CONT REINF - CRCP) (9")	SY	39,147	
24		360	6007		CONC PVMT (CONT REINF - CRCP) (13")	SY	6,480	
25		360	6019		CONC PVMT (JOINTED - CPCD) (9")	SY	398	
26		400	6001		STRUCT EXCAV	CY	2,564	
27		400	6005		CEM STABIL BKFL	CY	541	
28		402	6001		TRENCH EXCAVATION PROTECTION	LF	374	
29		416	6001		DRILL SHAFT (18 IN)	LF	454	
30		416	6004		DRILL SHAFT (36 IN)	LF	3,000	
31		416	6005		DRILL SHAFT (42 IN)	LF	448	
32		416	6032		DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	39	
33		420	6014		CL C CONC (ABUT) (HPC)	CY	154	
34		420	6030		CL C CONC (CAP) (HPC)	CY	243.1	
35		420	6038		CL C CONC (COLUMN) (HPC)	CY	195.6	
36		422	6002		REINF CONC SLAB (HPC)	SF	63,225.7	
37		422	6016		APPROACH SLAB (HPC)	CY	207.9	
38		423	6001		RETAINING WALL (MSE)	SF	9,901	
39		425	6039		PRESTR CONC GIRDER (TX54)	LF	6,894.7	
40		425	6040		PRESTR CONC GIRDER (TX62)	LF	1,011.43	
41		432	6001		RIPRAP (CONC) (4 IN)	CY	449	
42		432	6002		RIPRAP (CONC) (5 IN)	CY	65	
43		432	6031		RIPRAP (STONE PROTECTION) (12 IN)	CY	770	
44		432	6033		RIPRAP (STONE PROTECTION) (18 IN)	CY	124	
45		432	6044		RIPRAP (CONC) (FLUME)	CY	71	
46		432	6045		RIPRAP (MOW STRIP) (4 IN)	CY	224	

NO.	REV.	BID ITEM	DESC	S.P. CODE	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
47		450	6023		RAIL (TY SSTR)	LF	1,086	
48		450	6024		RAIL (TY SSTR) (HPC)	LF	2,963.3	
49		454	6001		SEALED EXPANSION JOINT (4 IN) (SEJ - A)	LF	343.8	
50		462	6014		CONC BOX CULV (7 FT X 3 FT)	LF	159	
51		462	6109		CONC BOX CULV (8 FT X 3 FT) (EXTEND)	LF	48	
52		464	6003		RC PIPE (CL III) (18 IN)	LF	6,043	
53		464	6005		RC PIPE (CL III) (24 IN)	LF	1,691	
54		465	6002	001	MANH (COMPL) (PRM) (48IN)	EA	7	
55		465	6013	001	INLET (COMPL) (PCO) (3FT) (NONE)	EA	31	
56		465	6014	001	INLET (COMPL) (PCO) (3FT) (LEFT)	EA	13	
57		465	6015	001	INLET (COMPL) (PCO) (3FT) (RIGHT)	EA	14	
58		465	6016	001	INLET (COMPL) (PCO) (3FT) (BOTH)	EA	4	
59		465	6133	001	INLET (COMPL) (PSL) (FG) (4FTX5FT-3FTX5FT)	EA	5	
60		465	6158	001	INLET (COMPL) (PAZD) (FG) (3FTX3FT-3FTX3FT)	EA	3	
61		466	6152		WINGWALL (FW - 0) (HW=5 FT)	EA	1	
62		466	6153		WINGWALL (FW - 0) (HW=6 FT)	EA	1	
63		466	6180		WINGWALL (PW - 1) (HW=5 FT)	EA	1	
64		467	6356		SET (TY II) (18 IN) (RCP) (3: 1) (C)	EA	1	
65		467	6358		SET (TY II) (18 IN) (RCP) (4: 1) (C)	EA	3	
66		467	6362		SET (TY II) (18 IN) (RCP) (6: 1) (C)	EA	4	
67		467	6390		SET (TY II) (24 IN) (RCP) (4: 1) (C)	EA	2	
68		467	6391		SET (TY II) (24 IN) (RCP) (4: 1) (P)	EA	1	
69		467	6394		SET (TY II) (24 IN) (RCP) (6: 1) (C)	EA	4	
70		479	6006		ADJUSTING INLET (CAP)	EA	3	
71		480	6001		CLEAN EXIST CULVERTS	EA	3	
72		481	6013		PIPE (PVC) (SCH 40) (6 IN)	LF	340	
73		496	6002		REMOV STR (INLET)	EA	4	
74		496	6005		REMOV STR (WINGWALL)	EA	1	
75		496	6007		REMOV STR (PIPE)	LF	416	
76		496	6008		REMOV STR (BOX CULVERT)	LF	18	
77		496	6050		REMOV STR (DRIVEWAY CULVERT)	EA	4	
78		500	6001		MOBILIZATION	LS	1	
79		502	6001		BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	21	
80		502	6001		BARRICADES, SIGNS AND TRAFFIC HANDLING	MO		
81		506	6002	001	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	945	
82		506	6003	001	ROCK FILTER DAMS (INSTALL) (TY 3)	LF	30	
83		506	6011	001	ROCK FILTER DAMS (REMOVE)	LF	975	
84		506	6020	001	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	234	
85		506	6024	001	CONSTRUCTION EXITS (REMOVE)	SY	234	
86		506	6038	001	TEMP SEDMT CONT FENCE (INSTALL)	LF	11,851	
87		506	6039	001	TEMP SEDMT CONT FENCE (REMOVE)	LF	11,851	
88		506	6041	001	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	3,100	
89		506	6043	001	BIODEG EROSN CONT LOGS (REMOVE)	LF	3,100	
90		508	6001		CONSTRUCTING DETOURS	SY	6,803	
91		512	6009		PORT CTB (FUR & INST) (LOW PROF) (TY 1)	LF	640	
92		512	6010		PORT CTB (FUR & INST) (LOW PROF) (TY 2)	LF	60	



2	06/04/19	REVISED MISC ITEMS	JG
1	05/30/19	REVISED ITEM 432	JG
NO.	DATE	REVISION	APPROV.
COLLIN COUNTY OUTER LOOP			
			
ESTIMATE & QUANTITIES			
SHEET 1 OF 2			
			
FIRM REGISTRATION: F-2966			
BOND PROJECT NO. 07-094			
SHEET EQ1			

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NO.	REV.	BID ITEM	DESC	S.P. CODE	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
93		512	6033		PORT CTB (MOVE) (LOW PROF) (TY 1)	LF	330	
94		512	6034		PORT CTB (MOVE) (LOW PROF) (TY 2)	LF	40	
95		512	6057		PORT CTB (REMOVE) (LOW PROF) (TY 1)	LF	640	
96		512	6058		PORT CTB (REMOVE) (LOW PROF) (TY 2)	LF	60	
97		514	6001		PERM CTB (SGL SLOPE) (TY 1) (42 )	LF	540	
98		529	6005		CONC CURB (MONO) (TY II)	LF	19,691	
99		530	6001		INTERSECTIONS (CONC)	SY	244	
100		530	6004		DRIVEWAYS (CONC)	SY	232	
101		530	6006		DRIVEWAYS (SURF TREAT)	SY	729	
102		531	6004		CURB RAMPS (TY 1)	EA	4	
103		531	6017		CURB RAMPS (TY 22)	EA	2	
104		536	6004		CONC DIRECTIONAL ISLAND	SY	79	
105		540	6002		MTL W-BEAM GD FEN (STEEL POST)	LF	1,150	
106		540	6006		MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	6	
107		540	6020		MTL W - BEAM GD FEN (LOW FILL CULVERT)	LF	50	
108		544	6001		GUARDRAIL END TREATMENT (INSTALL)	EA	10	
109		545	6001		CRASH CUSH ATTEN (INSTL)	EA	2	
110		556	6006		PIPE UNDERDRAINS (TY 6) (6")	LF	1,065	
111		618	6023		CONDT (PVC) (SCH 40) (2")	LF	140	
112		618	6029		CONDT (PVC) (SCH 40) (3")	LF	130	
113		618	6030		CONDT (PVC) (SCH 40) (3") (BORE)	LF	260	
114		618	6046		CONDT (PVC) (SCH 80) (2")	LF	100	
115		620	6007		ELEC CONDR (NO.8) BARE	LF	505	
116		620	6008		ELEC CONDR (NO.8) INSULATED	LF	840	
117		621	6002		TRAY CABLE (3 CONDR) (12 AWG)	LF	920	
118		624	6008		GROUND BOX TY C (162911)W/APRON	EA	9	
119		628	6187		ELC SRV TY D 120/240 070(NS)SS(E)PS(U)	EA	1	
120		644	6001		IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	84	
121		644	6004		IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	4	
122		644	6007		IN SM RD SN SUP&AM TY10BWG(1)SA(U)	EA	2	
123		644	6017		IN SM RD SN SUP&AM TY10BWG(2)SA(P)	EA	2	
124		644	6064		IN BRIDGE MNT CLEARANCE SGN ASSM(TY N)	EA	2	
125		644	6076		REMOVE SM RD SN SUP&AM	EA	5	
126		658	6014		INSTL DEL ASSM (D-SW)SZ (BRF)CTB (BI)	EA	77	
127		658	6015		INSTL DEL ASSM (D-SW)SZ (BRF)GF1	EA	46	
128		658	6048		INSTL OM ASSM (OM-2Z) (FLX)GND	EA	12	
129		662	6063		WK ZN PAV MRK REMOV (W)4" (SLD)	LF	14,675	
130		662	6095		WK ZN PAV MRK REMOV (Y)4" (SLD)	LF	8,668	
131		666	6030	007	REFL PAV MRK TY I (W)8" (DOT) (100MIL)	LF	1,565	
132		666	6036	007	REFL PAV MRK TY I (W)8" (SLD) (100MIL)	LF	4,323	
133		666	6042	007	REFL PAV MRK TY I (W)12" (SLD) (100MIL)	LF	809	
134		666	6048	007	REFL PAV MRK TY I (W)24" (SLD) (100MIL)	LF	515	
135		666	6054	007	REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	28	
136		666	6078	007	REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	27	
137		666	6102	007	REF PAV MRK TY I(W)36" (YLD TRI) (100MIL)	EA	18	
138		666	6141	007	REFL PAV MRK TY I (Y)12" (SLD) (100MIL)	LF	1,327	

NO.	REV.	BID ITEM	DESC	S.P. CODE	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	FINAL QUANTITY
139		666	6224	007	PAVEMENT SEALER 4"	LF	56,428	
140		666	6226	007	PAVEMENT SEALER 8"	LF	5,888	
141		666	6228	007	PAVEMENT SEALER 12"	LF	2,136	
142		666	6230	007	PAVEMENT SEALER 24"	LF	515	
143		666	6231	007	PAVEMENT SEALER (ARROW)	EA	28	
144		666	6232	007	PAVEMENT SEALER (WORD)	EA	27	
145		666	6243	007	PAVEMENT SEALER (YLD TRI)	EA	18	
146		666	6303	007	RE PM W/RET REQ TY I (W)4" (SLD) (100MIL)	LF	26,020	
147		666	6315	007	RE PM W/RET REQ TY I (Y)4" (SLD) (100MIL)	LF	30,408	
148		672	6007		REFL PAV MRKR TY I-C	EA	176	
149		672	6009		REFL PAV MRKR TY II-A-A	EA	474	
150		672	6010		REFL PAV MRKR TY II-C-R	EA	51	
151		677	6001		ELIM EXT PAV MRK & MRKS (4")	LF	1,004	
152		677	6003		ELIM EXT PAV MRK & MRKS (8")	LF	506	
153		677	6005		ELIM EXT PAV MRK & MRKS (12")	LF	1,528	
154		677	6007		ELIM EXT PAV MRK & MRKS (24")	LF	54	
155		677	6008		ELIM EXT PAV MRK & MRKS (ARROW)	EA	4	
156		677	6012		ELIM EXT PAV MRK & MRKS (WORD)	EA	4	
157		680	6002	006	INSTALL HWY TRF SIG (ISOLATED)	EA	1	
158		681	6001		TEMP TRAF SIGNALS	EA	1	
159		682	6001		VEH SIG SEC (12")LED(GRN)	EA	4	
160		682	6002		VEH SIG SEC (12")LED(GRN ARW)	EA	2	
161		682	6003		VEH SIG SEC (12")LED(YEL)	EA	4	
162		682	6004		VEH SIG SEC (12")LED(YEL ARW)	EA	4	
163		682	6005		VEH SIG SEC (12")LED(RED)	EA	4	
164		682	6006		VEH SIG SEC (12")LED(RED ARW)	EA	4	
165		682	6018		PED SIG SEC (LED) (COUNTDOWN)	EA	6	
166		682	6023		BACK PLATE (12") (3 SEC)	EA	4	
167		682	6025		BACK PLATE (12") (5 SEC)	EA	2	
168		684	6031		TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	234	
169		684	6033		TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	123	
170		684	6036		TRF SIG CBL (TY A) (14 AWG) (10 CONDR)	LF	1,010	
171		684	6042		TRF SIG CBL (TY A) (14 AWG) (16 CONDR)	LF	750	
172		684	6079		TRF SIG CBL (TY C) (12 AWG) (2 CONDR)	LF	1,365	
173		686	6282		RELOC TRF SG PL AM(S) SNGL MST ARM POLE	EA	4	
174		687	6001		PED POLE ASSEMBLY	EA	5	
175		688	6001		PED DETECT PUSH BUTTON (APS)	EA	6	
176		690	6057		REMOVAL OF PEDESTRIAN RAMPS	EA	10	
177		856	1001		MOISTURE TREATED SUBGRADE	CY	8,141	
178		6027	6003		CONDUIT (PREPARE)	LF	175	
179		6027	6008		GROUND BOX (PREPARE)	EA	2	
180		6090	6002		ILSN (LED) (8 D)	EA	4	
181		6292	6001		RVDS(PRESENCE DETECTION ONLY)	EA	2	
182		6292	6003		RVDS(PRESENCE AND ADVANCE DET)	EA	4	
183		CC543	1001		CABLE BARRIER SYSTEM	LF	765	
184		CC502	1001		RAILROAD FLAGGING	DAY	100	

			JG
2	06/04/19	REVISED ITEM 6001	
1	05/30/19	ADDED ITEM CC502	JG
NO.	DATE	REVISION	APPROV.
COLLIN COUNTY OUTER LOOP			
			
ESTIMATE & QUANTITIES			
SHEET 2 OF 2			
			
FIRM REGISTRATION: F-2966			
BOND PROJECT NO. 07-094 SHEET EQ2			

**OUTER LOOP ACCESS ROAD**  
**IFB NO. 2019-109**

All bends and connections in pipes about 8 inches in diameter shall be prefabricated.

**Item 465:**

Do not include the Texas logo on manhole or inlet covers.

**Item 479:**

Accept ownership of inlet grates and manhole covers and properly dispose of them outside the limits of the right of way in accordance with federal, state and local regulations.

Submit a plan detailing proposed methods of handling phased construction at manholes and water valves.

Payment for the phase construction will be considered subsidiary to this item.

**Item 496:**

Concrete pavement removed as a result of removing the inlets will not be paid for directly but will be considered as subsidiary to Item 496.

Inlet grates and manhole covers become the property of the contractor for disposal.

**Item 500:**

Material On Hand (MOH) will not be used in calculating partial payments for Mobilization.

**Item 502:**

Access will be provided to all business and residences at all times. Where turning radii are limited during phased construction at intersections, provide all weather surfaces such as RAP or base in turning movements to accommodate and to protect the traffic from edge drop-offs. Materials, labor, maintenance and removal for these temporary accesses and radii will not be paid for directly but will be considered subsidiary to the various bid items.

Provide written proposed lane closure information by 1:00 pm on the business day prior to the proposed closures. Do not close lanes when this requirement is not met.

When excavation is required next to a pavement lane carrying traffic and the widening is not completed by the end of the work day, backfill against the edge of the pavement with at least a 3:1 slope using an acceptable material to support vehicular traffic. Carefully remove and dispose of this material when work resumes. Backfilling pavement edges, and the materials required for the work will be subsidiary to this item.

Place barricades and signs in locations that do not obstruct the sight distance of drivers entering the highway from driveways or side streets.

Provide rectangular shape (CW12-2P) Temporary Clearance Signs on all bridges where the existing vertical clearance has changed. Install Signs to the satisfaction of the Engineer prior to opening to traffic. Plywood sign blanks will have minimum dimensions of 84" X 12". Work performed and materials are subsidiary to this item.



~~Do not commence work on the road before sunrise.~~ Do not operate or park any equipment/machinery closer than 30 feet from the traveled roadway after sunset unless authorized by the Engineer.

When moving unlicensed equipment on or across any pavement or public highways, protect the pavement from all damage using an acceptable method.



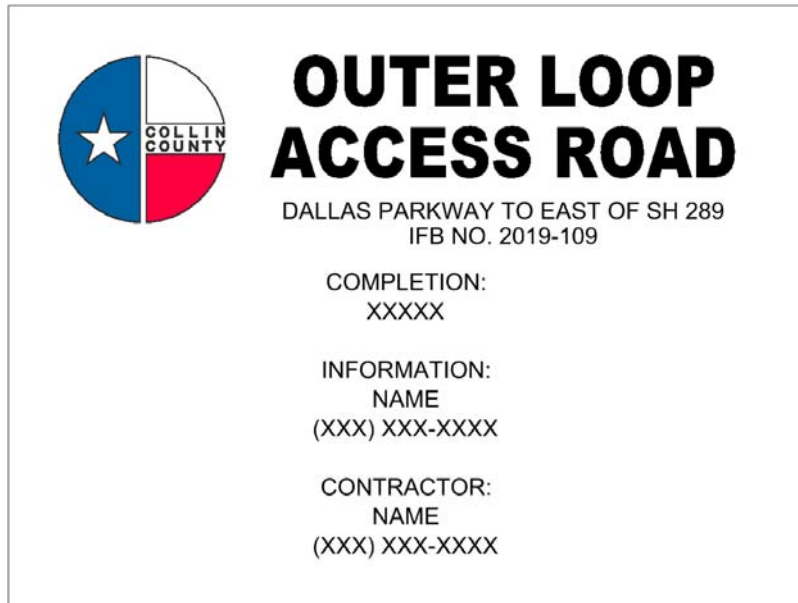
**OUTER LOOP ACCESS ROAD**  
**IFB NO. 2019-109**



Limit lane closures along Preston Rd and Dallas Parkway to the hours between 9:00 am and 3:30 pm. Work in other areas of the project is not restricted to this time frame.

~~Railroad flagging is required for all work near the railroad. All railroad flagging is subsidiary to this item.~~

A project sign (48"x36") shall be provided and maintained throughout the duration of the project. and is subsidiary to this item. Logo shall be provide upon request. Logo shall be produced in full color.



**Item 506:**

Take all practicable precautions to prevent debris from being discharged into the Waters of Texas or a designated wetland. Install Best Management Practices before demolition begins and maintain them during the demolition. Remove any debris or construction material that escapes containment devices and are discharged into the restricted areas, before the next rain event or within 24 hours of the discharge.

If temporary construction stream crossings are allowed under a Nationwide Permit, submit in writing for approval the type and location of each temporary stream crossing. Use temporary bridges, timber mats, or other structurally sound and non-eroding material for temporary stream crossings. A temporary culvert crossing will consist of storm sewer pipes and 4- to 8-inch nominal size rock. Temporary stream crossings must not cause more than minimal changes to the hydraulic flow characteristics of the stream, increase flooding, or cause more than minimal degradation of water quality. Remove the temporary stream crossings in their entirety and return the affected areas to their pre-existing elevation. All work and materials used for temporary construction stream crossings will not be paid for directly but are subsidiary to pertinent Items.

**Item 508:**

Testing of materials used in the construction of a temporary detour may be waived when approved by the Engineer.

**Item 514:**

Provide High Performance Concrete (HPC) and epoxy coated reinforcing for all Permanent Concrete Traffic Barrier located on bridge approaches or bridge slabs.

**OUTER LOOP ACCESS ROAD**  
**IFB NO. 2019-109**


**LIST OF MATERIAL/LABOR**  
**SUBSIDIARY TO ITEM 681**

DESCRIPTION	UNIT	QUANTITY
40 FT TIMBER POLE (CLASS 2)	EA	4
3/8 INCH ZINC-COATED STRANDED STEEL CABLE	LF	1975
1/4 INCH ZINC-COATED STRANDED STEEL CABLE	LF	560
CABLE STRAPS	EA	560
8 FT LUMINAIRE MAST ARM FOR WOOD POLE MOUNTING W/ 250W EQ LED LUMINAIRE	EA	2
GROUND ANCHORS	EA	8
YELLOW PLASTIC GUY GUARD	EA	8
8 PHASE NEMA CONTROLLER COMPLETE W/ POLE-MOUNTED CABINET AND ACCESSORIES	EA	1
INSTALL OPTICOM EQUIPMENT(INTERSECTION)	LS	1
VIVDS CAMERA ASSEMBLY	EA	6
VIVDS PROCESSOR SYSTEM	EA	1
VIVDS SET-UP SYSTEM	EA	1
VIVDS COMMUNICATION CABLES	LF	1110
DOUBLE EYE ANCHOR ROD	EA	8
5/8" X 8' COPPERCLAD GROUND ROD W/CLAMP	EA	1
2" PVC CONDUIT	LF	40
2" RM CONDUIT	LF	150
4" RM CONDUIT	LF	20
2" WEATHERHEAD	EA	5
4" WEATHERHEAD	EA	1
ELEC CONDR NO.6 BARE	LF	210
ELEC CONDR NO.6 INSULATED	LF	100
ELEC CONDR NO.8 INSULATED	LF	470
TYPE C (162911) GROUND BOX W/APRON	EA	1

**OUTER LOOP ACCESS ROAD**  
**IFB NO. 2019-109**

BACK PLATE (3 SECTION)(12") VENTED ALUMINUM	EA	6
BACK PLATE (4 SECTION)(12") VENTED ALUMINUM	EA	2
BACK PLATE (5 SECTION)(12") VENTED ALUMINUM	EA	2
LED VEH SIG SECTION (12")(GREEN)	EA	8
LED VEH SIG SECTION (12")(GREEN ARW)	EA	4
LED VEH SIG SECTION (12")(YELLOW)	EA	8
LED VEH SIG SECTION (12")(YELLOW ARW)	EA	4
LED VEH SIG SECTION (12")(RED)	EA	8
LED VEH SIG SECTION (12")(RED ARW)	EA	4
TRAFFIC SIGNAL CABLE (TY A)(14 AWG)(10 CNDR)	LF	535
POLE-MOUNTED BBU ASSEMBLY	EA	1
RELOCATE EXISTING SIGN PANELS	EA	6
REGULATORY SIGN PANEL (R9-3)	EA	8
CONCRETE PAD (5' X 5' X 4", CLASS A)	SF	50

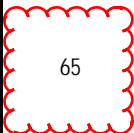
LIST OF MATERIAL FURNISHED BY THE CITY OF CELINA


 2	DESCRIPTION	UNIT	QUANTITY
	OPTICOM CABLE	LF	835
	<p><b><u>Item 440:</u></b>  Provide reinforcing steel with epoxy coating meeting the requirements of item 440 for the following bridge components: approach slab, slab, sidewalk, median, concrete traffic barrier, and rail.</p> <p>Epoxy coated reinforcing is not required for portions of rail or concrete traffic barrier not located on a bridge.</p> <p>Reinforcing for abutments, bents and columns are not required to be epoxy coated.</p> <p>R-bars (I-beams, U-beams, X-Beams and TX Girders), Z-bars (boxes), and H-bars (Slab beams) are not required to be epoxy coated.</p> <p>All ties, chairs and other appurtenances used with epoxy coated reinforcing shall be epoxy coated or non-metallic.</p>		



NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
1		100	6002		97.56	PREPARING ROW, complete in place for the sum of: No Dollars and No Cents	STA	
2		104	6001		2,660	REMOVING CONC (PAV), complete in place for the sum of: No Dollars and No Cents	SY	
3		104	6021		1,929	REMOVING CONC (CURB), complete in place for the sum of: No Dollars and No Cents	LF	
4		105	6021		904	REMOVING STAB BASE AND ASPH PAV (0-4"), complete in place for the sum of: No Dollars and No Cents	SY	
5		105	6107		1,402	REMOVING STAB BASE & ASPH PAV(15"-16"), complete in place for the sum of: No Dollars and No Cents	SY	
6		106	6002		8,145	OBLITERATING ABANDONED ROAD, complete in place for the sum of: No Dollars and No Cents	SY	
7		110	6001		58,572	EXCAVATION (ROADWAY), complete in place for the sum of: No Dollars and No Cents	CY	
8		110	6002		5,300	EXCAVATION (CHANNEL), complete in place for the sum of: No Dollars and No Cents	CY	
9		132	6004	002	289,748	EMBANKMENT (FINAL)(DENS CONT)(TY B), complete in place for the sum of: No Dollars and No Cents	CY	
10		132	6025	002	92,237	EMBANKMENT (FINAL) (DENS CONT) (TY C1), complete in place for the sum of: No Dollars and No Cents	CY	
11		132	6026	002	3,502	EMBANKMENT (FINAL) (DENS CONT) (TY C2), complete in place for the sum of: No Dollars and No Cents	CY	
12		164	6041		 117,375	DRILL SEEDING (TEMP) (WARM), complete in place for the sum of: No Dollars and No Cents	SY	



NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
13		164	6043	2	117,375	DRILL SEEDING (TEMP) (COOL), complete in place for the sum of: No Dollars and No Cents	SY	
14	2	164	6035		234,750	DRILL SEEDING (PERM) (RURAL) (CLAY), complete in place for the sum of: No Dollars and No Cents	SY	
15		168	6001		55,299	VEGETATIVE WATERING, complete in place for the sum of: No Dollars and No Cents	MG	
16		247	6230	003	53,968	FL BS (CMP IN PLACE)(TY A GR 1-2)(8"), complete in place for the sum of: No Dollars and No Cents	SY	
17		260	6002		26	LIME (HYDRATED LIME (SLURRY)), complete in place for the sum of: No Dollars and No Cents	TON	
18		260	6027		1,463	LIME TRT (EXST MATL)(8"), complete in place for the sum of: No Dollars and No Cents	SY	
19		310	6027		10,792	PRIME COAT(MC-30 OR AE-P), complete in place for the sum of: No Dollars and No Cents	GAL	
20		340	6122		195	D-GR HMA(SQ) TY-D PG70-22, complete in place for the sum of: No Dollars and No Cents	TON	
21		341	6008	001	10,569	D-GR HMA TY-B PG64-22, complete in place for the sum of: No Dollars and No Cents	TON	
22		360	6002		1,081	CONC PVMT (CONT REINF - CRCP) (8"), complete in place for the sum of: No Dollars and No Cents	SY	
23		360	6003		39,147	CONC PVMT (CONT REINF - CRCP) (9"), complete in place for the sum of: No Dollars and No Cents	SY	
24		360	6007		6,480	CONC PVMT (CONT REINF - CRCP) (13"), complete in place for the sum of: No Dollars and No Cents	SY	



NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
37		422	6016		207.9	APPROACH SLAB (HPC), complete in place for the sum of: No Dollars and No Cents	CY	
38		423	6001		9,901	RETAINING WALL (MSE), complete in place for the sum of: No Dollars and No Cents	SF	
39		425	6039		6,894.7	PRESTR CONC GIRDER (TX54), complete in place for the sum of: No Dollars and No Cents	LF	
40		425	6040		1,011.43	PRESTR CONC GIRDER (TX62), complete in place for the sum of: No Dollars and No Cents	LF	
41		432	6001		449	RIPRAP (CONC)(4 IN), complete in place for the sum of: No Dollars and No Cents	CY	
42		432	6002		 65	RIPRAP (CONC)(5 IN), complete in place for the sum of: No Dollars and No Cents	CY	
43		432	6031		770	RIPRAP (STONE PROTECTION)(12 IN), complete in place for the sum of: No Dollars and No Cents	CY	
44		432	6033		124	RIPRAP (STONE PROTECTION)(18 IN), complete in place for the sum of: No Dollars and No Cents	CY	
45		432	6044		71	RIPRAP (CONC)(FLUME), complete in place for the sum of: No Dollars and No Cents	CY	
46		432	6045		224	RIPRAP (MOW STRIP)(4 IN), complete in place for the sum of: No Dollars and No Cents	CY	
47		450	6023		1,086	RAIL (TY SSTR), complete in place for the sum of: No Dollars and No Cents	LF	
48		450	6024		2,963.3	RAIL (TY SSTR)(HPC), complete in place for the sum of: No Dollars and No Cents	LF	

NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
49		454	6001		343.8	SEALED EXPANSION JOINT (4 IN) (SEJ - A), complete in place for the sum of: No Dollars and No Cents	LF	
50		462	6014		159	CONC BOX CULV (7 FT X 3 FT), complete in place for the sum of: No Dollars and No Cents	LF	
51		462	6109		48	CONC BOX CULV (8 FT X 3 FT)(EXTEND), complete in place for the sum of: No Dollars and No Cents	LF	
52		464	6003		6,043	RC PIPE (CL III)(18 IN), complete in place for the sum of: No Dollars and No Cents	LF	
53		464	6005		1,691	RC PIPE (CL III)(24 IN), complete in place for the sum of: No Dollars and No Cents	LF	
54		465	6002	001	7	MANH (COMPL)(PRM)(48IN), complete in place for the sum of: No Dollars and No Cents	EA	
55		465	6013	001	31	INLET (COMPL)(PCO)(3FT)(NONE), complete in place for the sum of: No Dollars and No Cents	EA	
56		465	6014	001	13	INLET (COMPL)(PCO)(3FT)(LEFT), complete in place for the sum of: No Dollars and No Cents	EA	
57		465	6015	001	14	INLET (COMPL)(PCO)(3FT)(RIGHT), complete in place for the sum of: No Dollars and No Cents	EA	
58		465	6016	001	4	INLET (COMPL)(PCO)(3FT)(BOTH), complete in place for the sum of: No Dollars and No Cents	EA	
59		465	6133	001	5	INLET (COMPL)(PSL)(FG)(4FTX5FT-3FTX5FT), complete in place for the sum of: No Dollars and No Cents	EA	
60		465	6158	001	3	INLET(COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT), complete in place for the sum of: No Dollars and No Cents	EA	

NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
61		466	6152		1	WINGWALL (FW - 0) (HW=5 FT), complete in place for the sum of: No Dollars and No Cents	EA	
62		466	6153		1	WINGWALL (FW - 0) (HW=6 FT), complete in place for the sum of: No Dollars and No Cents	EA	
63		466	6180		1	WINGWALL (PW - 1) (HW=5 FT), complete in place for the sum of: No Dollars and No Cents	EA	
64		467	6356		1	SET (TY II) (18 IN) (RCP) (3: 1) (C), complete in place for the sum of: No Dollars and No Cents	EA	
65		467	6358		3	SET (TY II) (18 IN) (RCP) (4: 1) (C), complete in place for the sum of: No Dollars and No Cents	EA	
66		467	6362		4	SET (TY II) (18 IN) (RCP) (6: 1) (C), complete in place for the sum of: No Dollars and No Cents	EA	
67		467	6390		2	SET (TY II) (24 IN) (RCP) (4: 1) (C), complete in place for the sum of: No Dollars and No Cents	EA	
68		467	6391		1	SET (TY II) (24 IN) (RCP) (4: 1) (P), complete in place for the sum of: No Dollars and No Cents	EA	
69		467	6394		4	SET (TY II) (24 IN) (RCP) (6: 1) (C), complete in place for the sum of: No Dollars and No Cents	EA	
70		479	6006		3	ADJUSTING INLET (CAP), complete in place for the sum of: No Dollars and No Cents	EA	
71		480	6001		3	CLEAN EXIST CULVERTS, complete in place for the sum of: No Dollars and No Cents	EA	
72		481	6013		340	PIPE (PVC) (SCH 40) (6 IN), complete in place for the sum of: No Dollars and No Cents	LF	

NO.	REV.	BID ITEM	DESC	S.P. CODE	APPROX. QUANTITY	UNIT BID PRICE ONLY WRITTEN IN WORDS	UNIT	AMOUNT BID
169		684	6033		123	TRF SIG CBL (TY A)(14 AWG)(7 CONDR), complete in place for the sum of: No Dollars and No Cents	LF	
170		684	6036		1,010	TRF SIG CBL (TY A)(14 AWG)(10 CONDR), complete in place for the sum of: No Dollars and No Cents	LF	
171		684	6042		750	TRF SIG CBL (TY A)(14 AWG)(16 CONDR), complete in place for the sum of: No Dollars and No Cents	LF	
172		684	6079		1,365	TRF SIG CBL (TY C)(12 AWG)(2 CONDR), complete in place for the sum of: No Dollars and No Cents	LF	
173		686	6282		4	RELOC TRF SG PL AM(S)SNGL MST ARM POLE, complete in place for the sum of: No Dollars and No Cents	EA	
174		687	6001			PED POLE ASSEMBLY, complete in place for the sum of: No Dollars and No Cents	EA	
175		688	6001		6	PED DETECT PUSH BUTTON (APS), complete in place for the sum of: No Dollars and No Cents	EA	
176		690	6057		10	REMOVAL OF PEDESTRIAN RAMPS, complete in place for the sum of: No Dollars and No Cents	EA	
177		856	1001		8,141	MOISTURE TREATED SUBGRADE, complete in place for the sum of: No Dollars and No Cents	CY	
178		6027	6003		175	CONDUIT (PREPARE), complete in place for the sum of: No Dollars and No Cents	LF	
179		6027	6008		2	GROUND BOX (PREPARE), complete in place for the sum of: No Dollars and No Cents	EA	
180		6090	6002		4	ILSN (LED) (8 D), complete in place for the sum of: No Dollars and No Cents	EA	



## Collin County Purchasing

### **2019-109 Addendum 2**

#### **Construction, Road: Collin County Outer Loop Access Road from Dallas Parkway to East of SH 289**

Issue Date: 5/8/2019

Questions Deadline: 6/6/2019 05:00 PM (CT)

Response Deadline: 6/13/2019 02:00 PM (CT)

Collin County Purchasing

#### **Contact Information**

Contact: Matt Dobecka, CPPO, CPPB, CPCP Functional Analyst

Address: 2300 Bloomdale Rd.

Ste. 3160

Purchasing

Admin. Building

Ste.3160

McKinney, TX 75071

Phone: 1 (972) 548-4103

Fax: 1 (972) 548-4694

Email: mdobecka@co.collin.tx.us



## Event Information

Number: 2019-109 Addendum 2  
Title: Construction, Road: Collin County Outer Loop Access Road from Dallas Parkway to East of SH 289  
Type: Invitation for Bid - Construction  
Issue Date: 5/8/2019  
Question Deadline: 6/6/2019 05:00 PM (CT)  
Response Deadline: 6/13/2019 02:00 PM (CT)

## Ship To Information

Address: 4690 Community Ave.  
Ste. 200  
Engineering  
JJAEP  
Ste. 200  
McKinney, TX 75071

## Billing Information

Address: 2300 Bloomdale Rd.  
Ste. 3100  
Auditor  
Admin. Building  
Ste. 3100  
McKinney, TX 75071

## Bid Activities

### Mandatory Pre-Bid Meeting

5/22/2019 9:00:00 AM (CT)

A MANDATORY PRE-BID CONFERENCE will be held by Collin County in the Commissioners' Courtroom located at the Collin County Administration Building, 2300 Bloomdale Road, 4th Floor, McKinney, TX 75071 in order for bidders to ask questions regarding the proposed work. All bidders desiring to bid the work should have a representative at the pre-bid conference; bidders that do not attend the pre-bid conference shall not be considered in the evaluation for award of a contract per Texas Local Government Code 262.0256. Attendance shall be mandatory at the pre-bid conference.

## Bid Attachments

### Addendum No. 1.pdf

Addendum No. 1

[View Online](#)

### Addendum No. 2.pdf

Addendum No. 2

[View Online](#)

### CCOL\_BIDTABS (ADDENDUM 2).zip

CCOL Bid Tabs (Unzip file)

[View Online](#)

### Collin County Outer Loop Access Specs\_REV\_2019-04-29.pdf

Spec Book

[Download](#)

### Collin County Outer Loop Access Road Plans\_2019-04-26.pdf

Plans

[Download](#)

### Collin County Outer Loop Access Road Cross Sections\_2019-04-26.pdf

Cross Sections

[Download](#)

## Requested Attachments

## Bid Bond

*(Attachment required)*

If submitting online please upload your bid bond.

# Bid Form

*(Attachment required)*

## Bid Schedule

*(Attachment required)*

**W-9**

*(Attachment required)*

## Audited Financial Statements

## Bid Attributes

## 1 eBid Notice

Collin County exclusively uses IonWave Technologies, Inc. (Collin County eBid) for the notification and dissemination of all solicitations. The receipt of solicitations through any other means may result in your receipt of incomplete specifications and/or addendums which could ultimately render your bid/proposal non-compliant. Collin County accepts no responsibility for the receipt and/or notification of solicitations through any other means. Please initial.

(Required: Maximum 1000 characters allowed)

## 2 Bid Bond Acknowledgement

I understand that accompanying this bid, is a certified check, cashier's check or Bid Bond in the amount of five percent (5%) of the total amount bid. Bidders submitting a bid via Collin County eBid shall upload a Bid Bond at <https://collincountytx.ionwave.net>. Regardless of delivery method, all Bid Bonds shall be received prior to the bid opening time to be considered.

I understand that the original Bid Bond shall be received in the Collin County Purchasing Department no later than close of business on the third working day after the bid opening. **Late receipt of original Bid Bond shall be cause for rejection of bid.** Please initial.

(Required: Maximum 4000 characters allowed)

### 3 Bonding Requirement Acknowledgement

I understand that the bonding requirements of this solicitation are required and are included in the submitted pricing. A bond certificate (payment, performance, and/or maintenance) as stated in the specification document shall be submitted to the Purchasing department if I am awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

**4 Contact Information**

List the contact name, email address and phone number of the main person(s) Collin County should contact in reference to this solicitation. Contact(s) shall be duly authorized by the company, corporation, firm, partnership or individual to respond to any questions, clarification, and or offers in response to this solicitation.

(Required: Maximum 4000 characters allowed)

**5 Exceptions**

Do you take exceptions to the specifications. If so, by separate attachment, please state your exceptions.

☐ Yes ☐ No

(Required: Check only one)

**6 Attribute deleted as part of an Addendum****7 Insurance Acknowledgement – Construction**

I understand that the insurance requirements of this solicitation are required and are included in the submitted pricing. The Contractor shall furnish certificates of insurance for both the Contractor and any subcontractor to the Purchasing department if awarded all or a portion of the resulting contract. Please initial.

(Required: Maximum 1000 characters allowed)

**8 Preferential Treatment**

The County of Collin, as a governmental agency of the State of Texas, may not award a contract to a nonresident bidder unless the nonresident's bid is lower than the lowest bid submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located (Government Code, Title 10, V.T.C.A., Chapter 2252, Subchapter A). 1. Is your principal place of business in the State of Texas? 2. If your principal place of business is not in Texas, in which State is your principal place of business? 3. If your principal place of business is not in Texas, does your state favor resident bidders (bidders in your state) by some dollar increment or percentage? 4. If your state favors resident bidders, state by what dollar amount or percentage.

(Required: Maximum 4000 characters allowed)

**9 Debarment Certification**

I certify that neither my company nor an owner or principal of my company has been debarred, suspended or otherwise made ineligible for participation in Federal Assistance programs under Executive Order 12549, "Debarment and Suspension," as described in the Federal Register and Rules and Regulations. Please initial.

(Required: Maximum 1000 characters allowed)

**10 Immigration and Reform Act**

I declare and affirm that my company is in compliance with the Immigration and Reform Act of 1986 and all employees are legally eligible to work in the United States of America. I further understand and acknowledge that any non-compliance with the Immigration and Reform Act of 1986 at any time during the term of this contract will render the contract voidable by Collin County. Please initial.

(Required: Maximum 1000 characters allowed)

**11 Disclosure of Certain Relationships**

Chapter 176 of the Texas Local Government Code requires that any vendor considering doing business with a local government entity disclose the vendor's affiliation or business relationship that might cause a conflict of interest with a local government entity. Subchapter 6 of the code requires a vendor to file a conflict of interest questionnaire (CIQ) if a conflict exists. By law this questionnaire must be filed with the records administrator of Collin County no later than the 7th business day after the date the vendor becomes aware of an event that requires the statement to be filed. A vendor commits an offense if the vendor knowingly violates the code. An offense under this section is a misdemeanor. By submitting a response to this request, the vendor represents that it is in compliance with the requirements of Chapter 176 of the Texas Local Government Code. Please send completed forms to the Collin County County Clerk's Office located at 2300 Bloomdale Rd., Suite 2104, McKinney, TX 75071. Please initial.

(Required: Maximum 1000 characters allowed)

**12 Anti-Collusion Statement**

Bidder certifies that its Bid/Proposal is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a Bid/Proposal for the same materials, services, supplies, or equipment and is in all respects fair and without collusion or fraud. No premiums, rebates or gratuities permitted; either with, prior to, or after any delivery of material or provision of services. Any such violation may result in Agreement cancellation, return of materials or discontinuation of services and the possible removal from bidders list. Please initial.

(Required: Maximum 1000 characters allowed)



1  
3**Disclosure of Interested Parties**

Section 2252.908 of the Texas Government Code requires a business entity entering into certain contracts with a governmental entity to file with the governmental entity a disclosure of interested parties at the time the business entity submits the signed contract to the governmental entity. Section 2252.908 requires the disclosure form (Form 1295) to be signed by the authorized agent of the contracting business entity, acknowledging that the disclosure is made under oath and under penalty of perjury. Section 2252.908 applies only to a contract that requires an action or vote by the governing body of the governmental entity before the contract may be signed or has a value of at least \$1 million. Section 2252.908 provides definitions of certain terms occurring in the section. Section 2252.908 applies only to a contract entered into on or after January 1, 2016. Please initial.

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(Required: Maximum 1000 characters allowed)

1  
4**Notification Survey**

In order to better serve our offerors, the Collin County Purchasing Department is conducting the following survey. We appreciate your time and effort expended to submit your bid. Should you have any questions or require more information please call (972) 548-4165. How did you receive notice of this request?

- ☐ Plano Star Courier   ☐ Plan Room   ☐ Collin County eBid Notification   ☐ Collin County Website  
☐ Other

(Required: Check only one)

1  
5**Addendum No. 1**

Please initial to verify your receipt of the addendum.

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(Required: Maximum 1000 characters allowed)

1  
6**Addendum No. 2**

Please initial to verify your receipt of the addendum.

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(Required: Maximum 1000 characters allowed)

1  
7**Construction Acknowledgement**

Bidder, declares that the only person or parties interested in this bid are those principals named herein, that his/her bid is made without collusion with any other person, firm or corporation, that he/she has carefully examined the Contract Documents including the Advertisement for Bids, Instruction to Bidders, Construction Agreement, Specifications and the Drawings, therein referred to and has carefully examined the locations, conditions and classes of materials for the proposed work, and agrees that he/she will provide all the necessary labor, machinery, tools, equipment, apparatus and other items incidental to construction and will do all the work and furnish all the materials called for in the Contract Documents in the manner prescribed therein. Bidder hereby declares that he/she has visited the site of the Work and has carefully examined the Contract Documents pertaining to the Work covered by the above Bid, and he/she further agrees to commence work within ten (10) consecutive calendar days after date of written Notice to Proceed and to substantially complete the work on which he/she has bid within the number of days specified subject to such extensions of time allowed by Specifications. Bidder certifies that the bid prices contained in this bid have been carefully checked and are submitted as correct and final. The prices have been shown in words and figures for each item listed in this bid and it is understood that in the event of a discrepancy, the words shall govern. Please initial.

(Required: Maximum 1000 characters allowed)

**Bid Lines**

1

**Bid Grand Total**

(Response required)

Quantity: 1 UOM: lump sum

Unit Price: \$

Total: \$

Supplier Notes:

☐ No bid

☐ Additional notes  
(Attach separate sheet)

**Item Attributes****1. Bid Grand Total- Written in Words**

The contract award will be based on the total bid price.

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(Required: Maximum 4000 characters allowed)

**2. Total Material Cost Incorporated in Project**

\$

(Required: Numbers only)

**3. Total Material Cost Incorporated in Project- Written in Words**

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*(Required: Maximum 4000 characters allowed)*

**4. Total Labor Cost Incorporated in Project**

\$

*(Required: Numbers only)*

**5. Total Labor Cost Incorporated in Project- Written in Words**

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*(Required: Maximum 4000 characters allowed)*

Supplier Information

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Supplier Notes

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The undersigned hereby certifies the foregoing bid submitted by the company listed below hereinafter called "bidder" is the duly authorized agent of said company and the person signing said bid has been duly authorized to execute same. Bidder affirms that they are duly authorized to execute this contract; this company; corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder or other person or persons engaged in the same line of business; and that the contents of this bid as to prices, terms and conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.

Print Name

Signature



**Question 1.**

*Please provide plan sheet showing the limits for item 164 6066 DRILL SEEDING (PERM) (WARM OR COOL) 496,880 SY.*

Response:

Seeding now shown on SW3P layout sheets, Plans sheets 383-396. Quantities updated in plan sheets EQ1 and 28 and bid book Pg 39-40. (See Attached Sheets)

**Question 2.**

*Item 514 calls out for Epoxy rebar for rail on bridges, but Item 420 does not call out epoxy for rebar. Is this correct or will the superstructure "deck to top of rail" be required to be Epoxy rebar?*

Response:

Item 440 notes added to bid book Pg 247-248. (See Attached Sheets)

**Question 3.**

*Referencing the Specifications for above referenced Project, Appendix B, Section 5.6 "Substructures" on p. 354 paragraph "b", which directs the contractor to use permanent steel casings for the drilled shafts if they are in the "influence zone" of the BNSF track(s). Exhibit "A" depicts "Excavation Zones". Are these excavation zones the same as the influence zones referenced? If so is it the 1.5 to 1 slope or the 2 to 1? Are we to assume they continue through the sub-grade ad-infinitum?*

Response:

There are no drilled shafts located "...within the influence of track surcharge," so no permanent casing is required to "...protect the track against cave-in..."

**Question 4.**

*Bid item "480 6001 Clean Exist Culvert" calls out cleaning 3 culverts. Can you please specify the exact location of these 3 existing culverts to be cleaned?*

Response:

Updated drainage summary plan sheet 22 to show item "480 6001 Clean Existing Culvert" for Culvert A. (See Attached Sheet)

**Question 5.**

*Bid Item " 466 6180 Wingwall (PW-1)(HW=5FT)" seems to be for the Culvert B on the south side. Plans call out for a "Headwall (PW)(HW=5FT)". Is the Bid item correct and the plan call out need to be changed?*

Response:

Headwall callouts for Culvert B updated on plan sheet 206. (See Attached Sheet)

**Question 6.**

Will the contractor be reimbursed by the County for the cost of railroad flaggers?

Response:

See respond to question 8 of Addendum 1.

**Question 7.**

What is the anticipated release date of addendum #1?

Response:

Addendum 1 was released on May 31, 2019.

**Question 8.**

*Regarding the 56,428 LF of 4" pavement markings that are Calling for Retro-Reflective Readings, TXDOT does not require those readings for pavement markings under 20,000 LF. As this project is broken into 4-Phases, will those readings still be required because we would only be installing a little over 14,000 LF a phase.*

Response:

The mobile retroreflectometer measurements are required for contracts totaling over 200,000 LF of pavement markings. For contracts less than 200,000 LF of pavement markings, mobile or portable retroreflectometers may be used at the contractor's discretion. See TxDOT Specifications book, Item 666.

**Question 9.**

Can you please provide a beam layout for the BNSF Overpass Bridge?

Response:

Plan sheets 287A and 289A added to the Contract plans. Updated plan sheet 002 index of sheets. (See Attached Sheets)

**Question 10.**

Page 313 of Bid Book, in reference to the \$131,650 that is to be paid to BNSF for the Temporary Construction License, which party will be ultimately responsible for this payment, Collin County or the Contractor?

Response:

Collin County will be responsible for payment of Easement.

**Question 11.**

Will Saturday and or night work be allowed?

Response:

Saturday and night work will be allowed with permission from the OWNER.

**Question 12.**

Can an excel bid form be provided?

Response:

An updated excel bid form will be provided at each addendum.

**Question 13.**

Page 79 of the proposal Says that no work shall be done on Nights, Sundays or regular Holidays unless permission is given by owner, but then page 232 "Sheet D" says that this project will be a Five-day work week and nights work is allowed. Then also on page 239 it says "Do not commence work on the road before sunrise. Please clarify what is the correct requirements for this project? Will there be work allowed at night? will work be allowed on the weekends? Is this project based on a 5-day work week?

Response:

Work will be allowed on Saturdays, Sundays, and on nights with approval of the OWNER. Updated bid book Pg 239 Item 239 to remove "Do not commence work on the road before sunrise". (See Attached Sheets)

**Question 14.**

Update Signals sheets per TxDOT's comments

Response:

Updated plan sheets EQ1, 68, 67,323, 324 and Bid book Pg 53 and 248. (See Attached Sheets)

**Question 15.**

Update drainage quantities.

Response:

Updated plan sheets EQ1 and 22 and Bid book Pg 43 and 44. (See Attached Sheets)