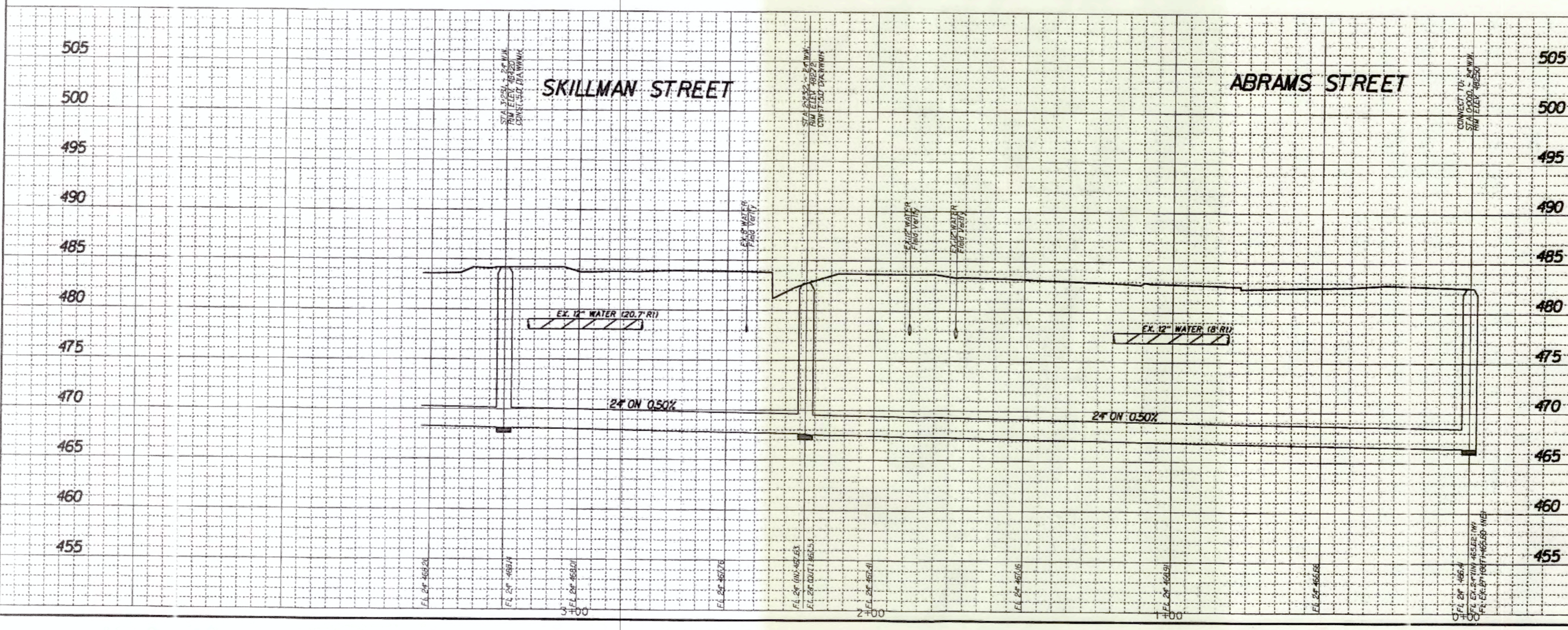


- CAUTION - TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION - FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working  
Days Prior To Construction.  
Tele: 800-344-8377
- CAUTION - GAS !**  
Underground Gas Main In Area  
Contact ATMOS Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION - POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION**  
Advanced Metering Infrastructure  
(AMI) Meters In Area  
AMI Components Shall be Disconnected, Reconnected,  
Revised or Installed by DUT Personnel Only.  
Control DDU Meter Reading Operations  
(MRO) 5 working days in advance.  
Tel: 214-501-5537  
Email: DMU@DUT.dallas.gov



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
1	6/3/2016	Relocated main to the south to avoid bypass pumping	SLC
2	1/9/2017	Relocated main to connect to existing 24" on Abrams Street	SLC

**BENCHMARKS & CONTROL POINTS**

- BM 1: SQUARE ON TOP OF CURB CENTER OF STORM SEWER INLET ON THE WEST SIDE OF SHADY BROOK LANE AND 100' SOUTH OF NORTHWEST HIGHWAY.  
E. LEV. 575.6300
- BM 2: STD. WDM IN STORM SEWER INLET ON THE NORTH SIDE OF SOUTHWESTERN BOULEVARD AND 0.5 MILE EAST OF VILLAGE GLEN DRIVE.  
E. LEV. 541.5301
- BM 3: 50.00' CUT FOUND ON TOP OF GRATE INLET AT THE NORTH SIDE OF SKILLMAN ST. 340 FT NORTHEAST OF THE CENTER OF LARMANDA ST  
E. LEV. 484.95

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 6'

**REFERENCES**

- WATER 23N-30
- WASTEWATER 23S-30

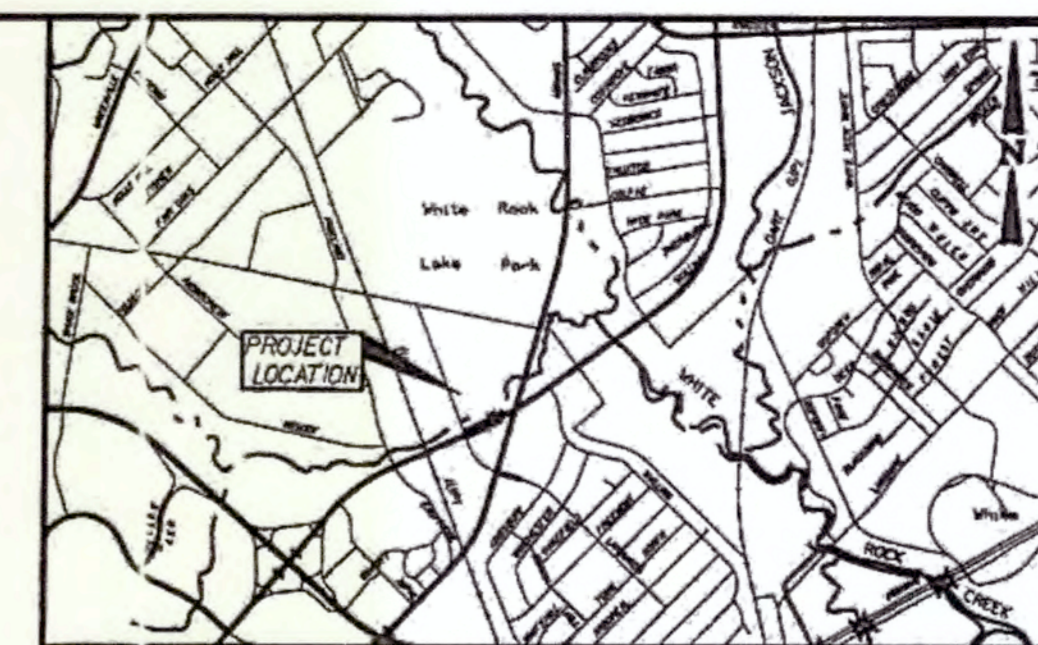
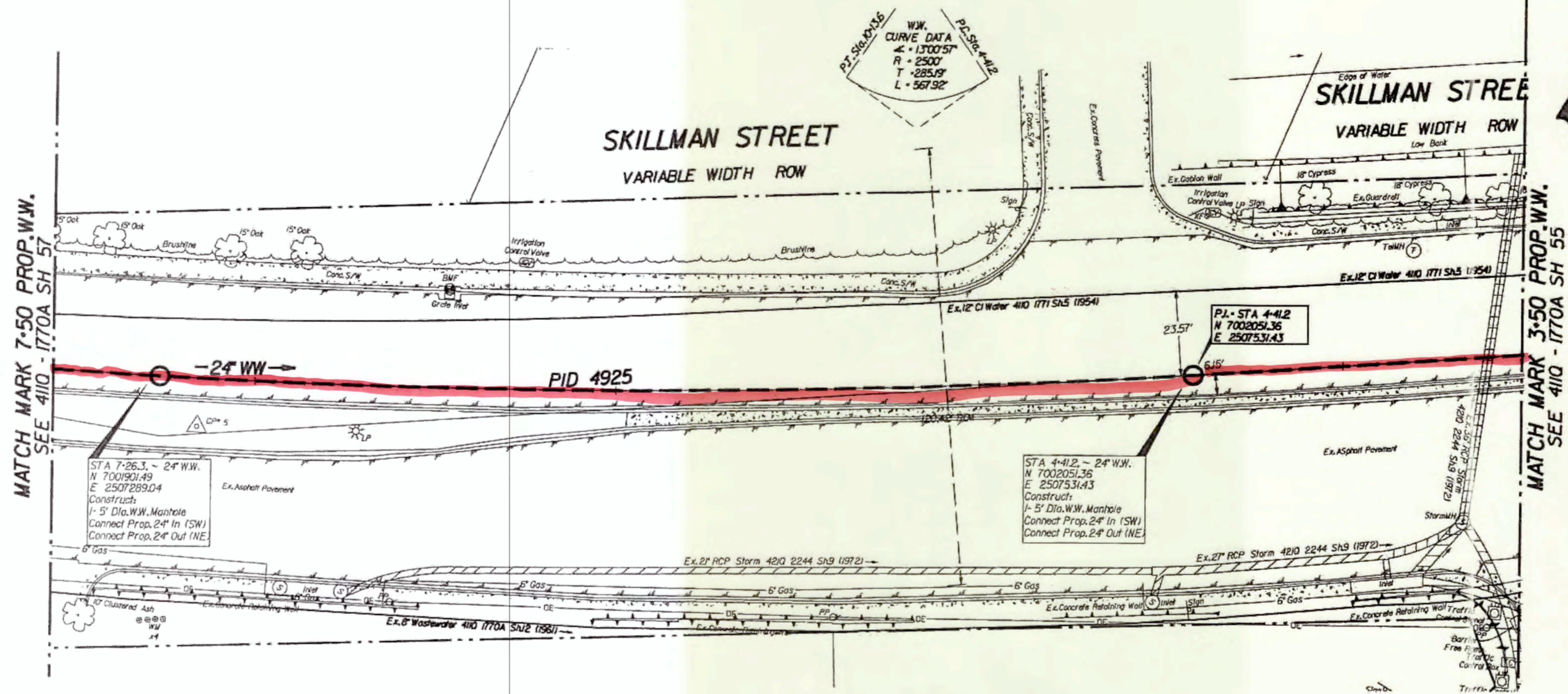
**BDS Technologies, Inc.**  
Texas Registered Engineering Firm  
F-4025

**ADRIANO C. BACHMUS**  
REGISTERED PROFESSIONAL ENGINEER  
No. 83888  
11/17

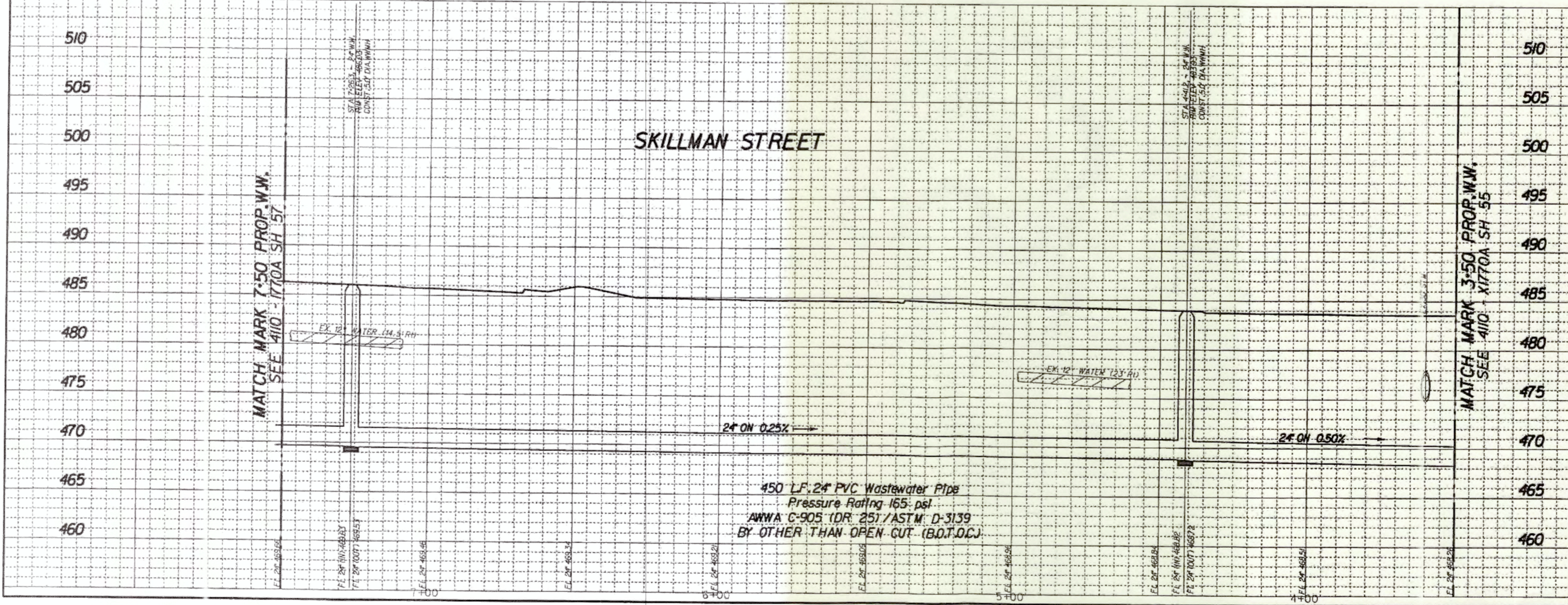
**PID: 4925 CONTRACT NO. 16-155/156**  
**PROPOSED 24" WASTEWATER**  
**SKILLMAN STREET**  
**FROM LARMANDA DR.**  
**857 FEET NORTHEAST**  
**DALLAS WATER UTILITIES**  
**CITY OF DALLAS, TEXAS**

D. SIGN	DRAWN	DATE	FILE	NUMBER	SHEET
305	BDS	FEB 2016	4110	1770A	55

**CONSTRUCT 24" WASTEWATER MAIN**  
Along New Horizontal Alignment



- CAUTION - TELEPHONE I**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION - FIBER OPTIC I**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic I & Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION - GAS I**  
Underground Gas Main In Area  
Contact AJMOS Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377, 1-800-545-6005
- CAUTION - POWER I**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION - Advanced Metering Infrastructure (AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected, Removed or Installed by DNU Personnel Only.  
Contact DNU Meter Reading Operations.  
1-800-545-6005  
E-mail: DNU.MeterReading@cityofdallas.com



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY

**BENCHMARKS & CONTROL POINTS**

BM 1: SQUARE ON TOP OF CURB CENTER OF STORM SEWER INLET ON THE WEST SIDE OF SHADY BROOK LANE AND 100' SOUTH OF NORTH EAST HIGHWAY.  
ELEV. 5' 563.00

BM 2: T.D.WBM IN STORM SEWER INLET ON THE NORTH SIDE OF SOUTH EASTERN BOULEVARD AND 0.5 MILE EAST OF VILLAGE GLEN DRIVE.  
ELEV. 5' 530.00

BM 3: S.C. FOUND ON TOP OF GRATE INLET AT THE NORTH SIDE OF SKILLMAN ST. - 340 FT NORTHEAST OF THE CENTER OF LARAMANDA ST.  
ELEV. 48.95

Horizontal Scale: 1" = 20'  
Vertical Scale: 1" = 6'

**REFERENCES**

WATER  
2.5W-30

WASTEWATER  
2.3S-30

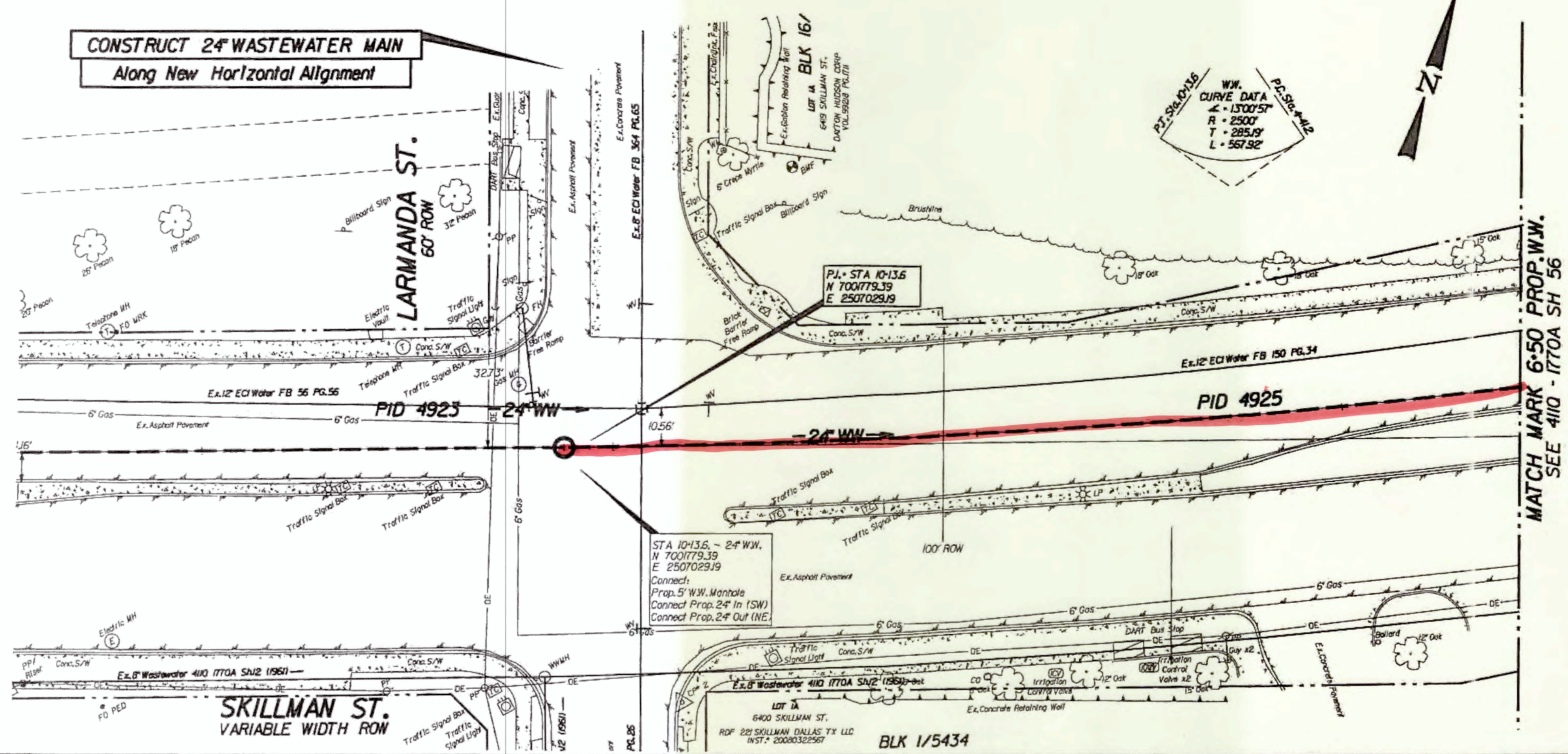
**BDS Technologies, Inc.**  
Texas Registered Engineering Firm  
F-4025

**TROEED D. BACHUS**  
REGISTERED PROFESSIONAL ENGINEER  
No. 83888  
1/1/17

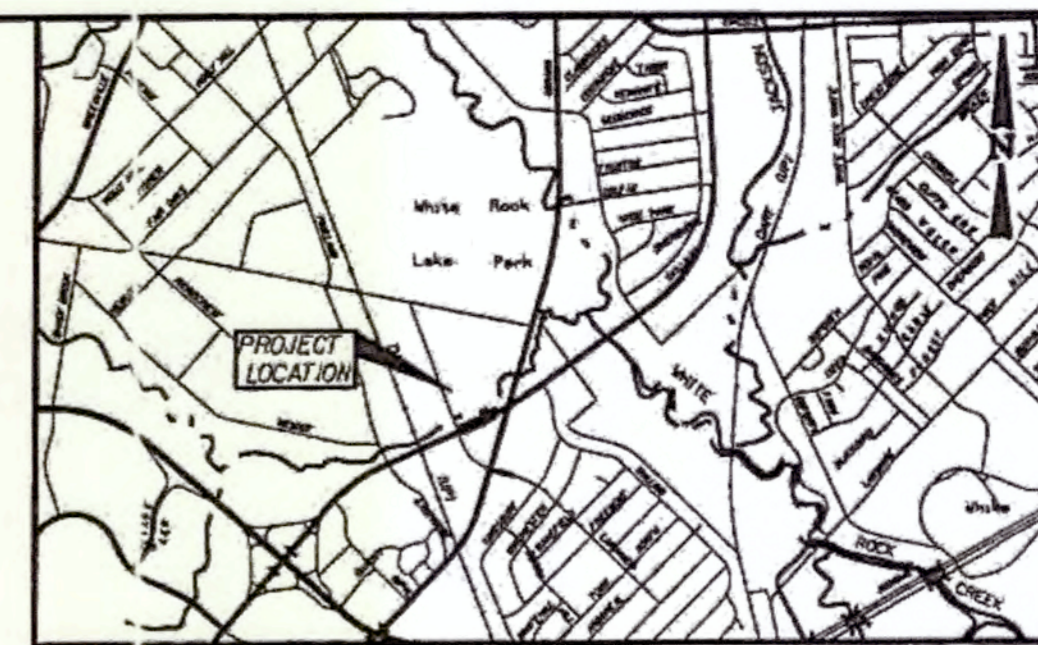
**CONT. CONTRACT NO. 13-127/128E**      **PID: 4925**  
**PROPOSED 24" WASTEWATER**  
**SKILLMAN STREET**  
**FROM LARAMANDA DR.**  
**857 FEET NORTHEAST**  
**DALLAS WATER UTILITIES**  
**CITY OF DALLAS, TEXAS**

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	APRIL 2015	4110	1770A	56

**CONSTRUCT 24" WASTEWATER MAIN**  
Along New Horizontal Alignment



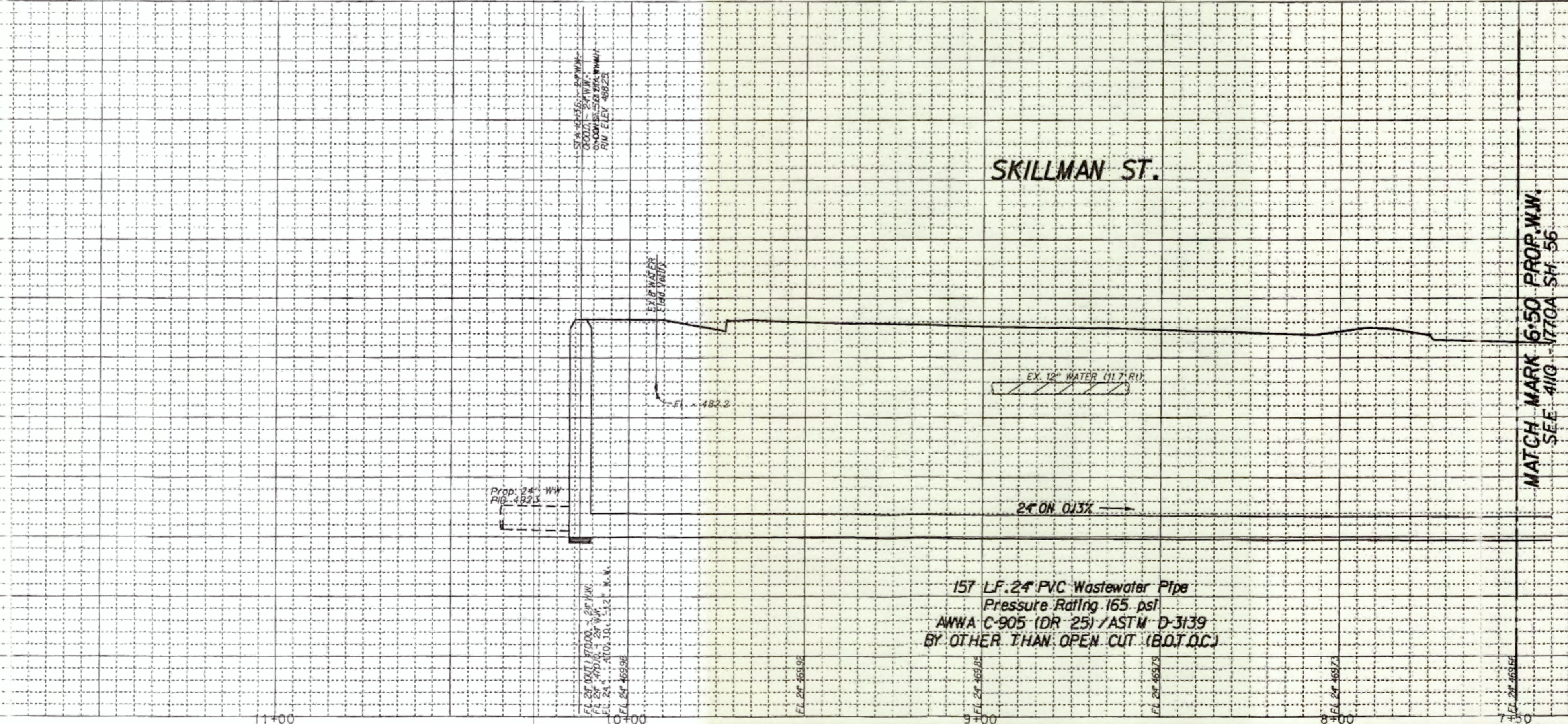
W.W. CURVE DATA  
 Δ = 1300.5°  
 R = 2500'  
 T = 285.5'  
 L = 557.82'



MATCH MARK 6:50 PROP. W.W. SEE 4110 - 1770A SH 56

- CAUTION - TELEPHONE I**  
Underground Telephone Cables in Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION - FIBER OPTIC I**  
Underground Fiber Optic Cables in Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-3-4-8377
- CAUTION - POWER I**  
Underground Electrical Cables in Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-3-4-8377
- CAUTION - GAS I**  
Underground Gas Main in Area  
Contact AT&T Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005
- CAUTION**  
Advanced Metering Infrastructure (AMI) Meters in Area  
All Components Shall be Disconnected, Reconnected, Removed or Installed by Only Personnel ONLY.  
Contact DDU Meter Reading Operations (MRO) working area in downtown Dallas.  
Tel: 214 670 5537  
E-mail: DDU@dduoperations.com

510  
505  
500  
495  
490  
485  
480  
475  
470  
465  
460



157 LF 24" PVC Wastewater Pipe  
 Pressure Rating 165 psi  
 AWWA C-905 (DR 25) / ASTM D-3139  
 BY OTHER THAN OPEN CUT (B.O.T.C.)

MATCH MARK 6:50 PROP. W.W. SEE 4110 - 1770A SH 56

REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY

**BENCHMARKS & CONTROL POINTS**

- BM 1: 5' SQUARE ON TOP OF CURB CENTER OF STORM SEWER INLET ON THE WEST SIDE OF SHADY BROOK LANE AND 100' SOUTH OF NORTH EAST HIGHWAY. ELEV. 515.8300
- BM 2: 5'x10' WDBM IN STORM SEWER INLET ON THE NORTH SIDE OF SOUTH WESTERN BOULEVARD AND 0.15 MILE EAST OF VILLAGE GLEN DRIVE. ELEV. 541.3304
- BM 3: 5'x10' CUT FOUND ON TOP OF GRATE INLET AT THE NORTH SIDE OF SKILLMAN ST. - 340 FT NORTHEAST OF THE CENTER OF LARAMANDA ST. ELEV. 484.95
- CP 2: 1'x1' CUT SET ON TOP OF CONCRETE CURB AT THE SOUTHEAST CORNER OF SKILLMAN ST. AND LARAMANDA LN. ELEV. 489.9 FT.

Horizontal Scale: 1" = 20'  
 Vertical Scale: 1" = 6'

**REFERENCES**

- WATER 23W-30
- WASTEWATER 23S-30

**BDS Technologies, Inc.**  
 Texas Registered Engineering Firm  
 F-4025

**DESIGN CONTRACT NO. 13-127/128E**      **PID: 4925**

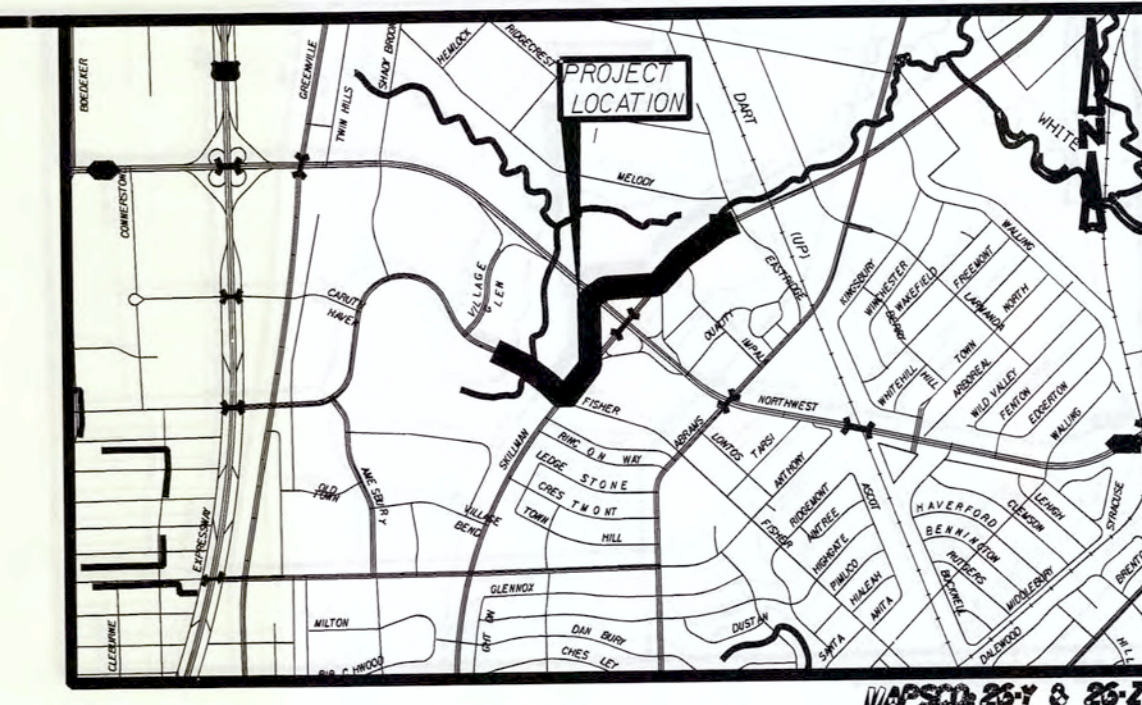
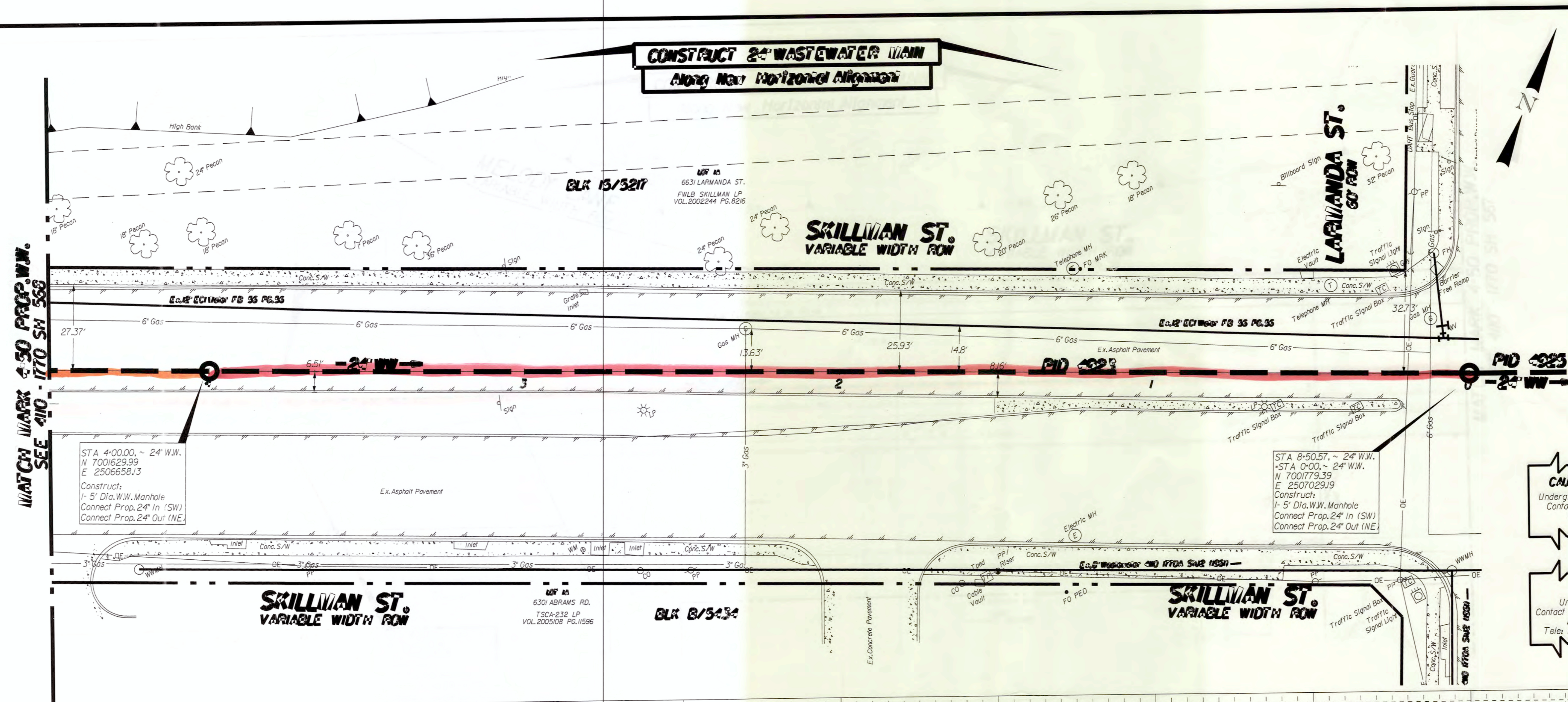
**PROPOSED 24" WASTEWATER SKILLMAN STREET FROM LARAMANDA DR. 857 FEET NORTHEAST DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS**

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	APRIL 2015	4110	1770A	57

**CONSTRUCT 24" WASTEWATER MAIN  
Along New Horizontal Alignment**

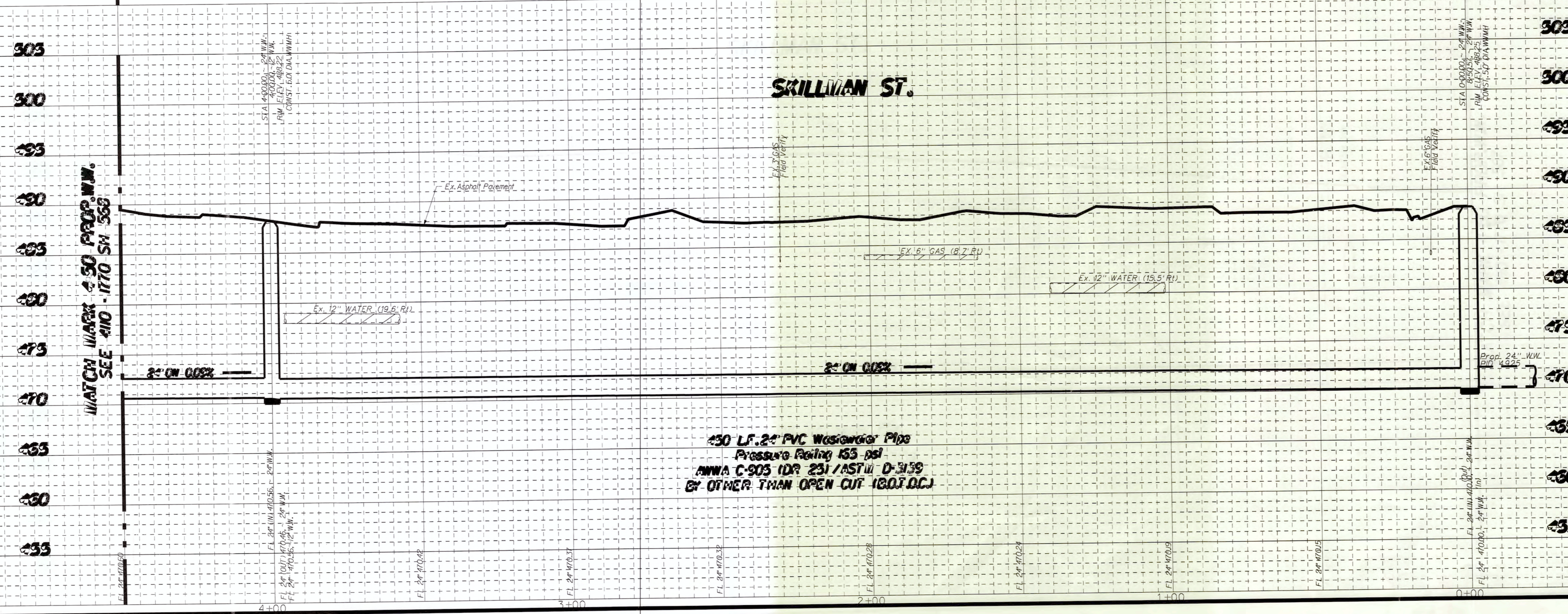
WATCH MARK 4.50 PROP. W.W.  
SEE 410-1770 SH 569

WATCH MARK 4.50 PROP. W.W.  
SEE 410-1770 SH 569



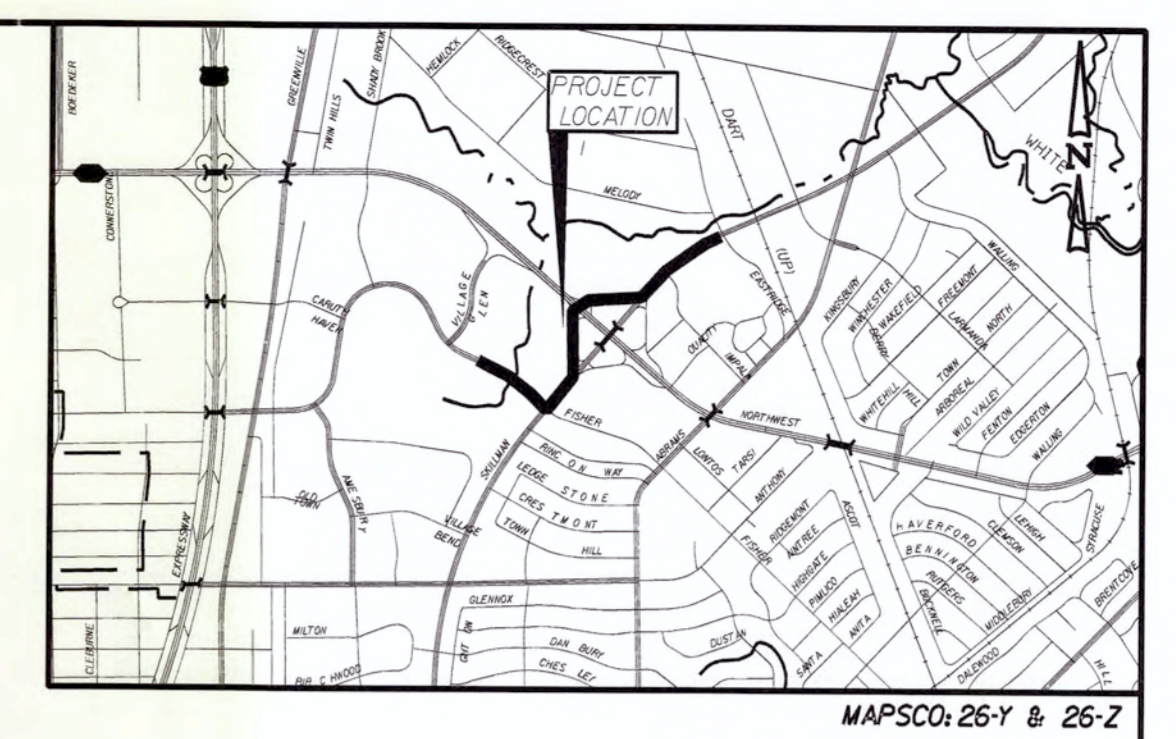
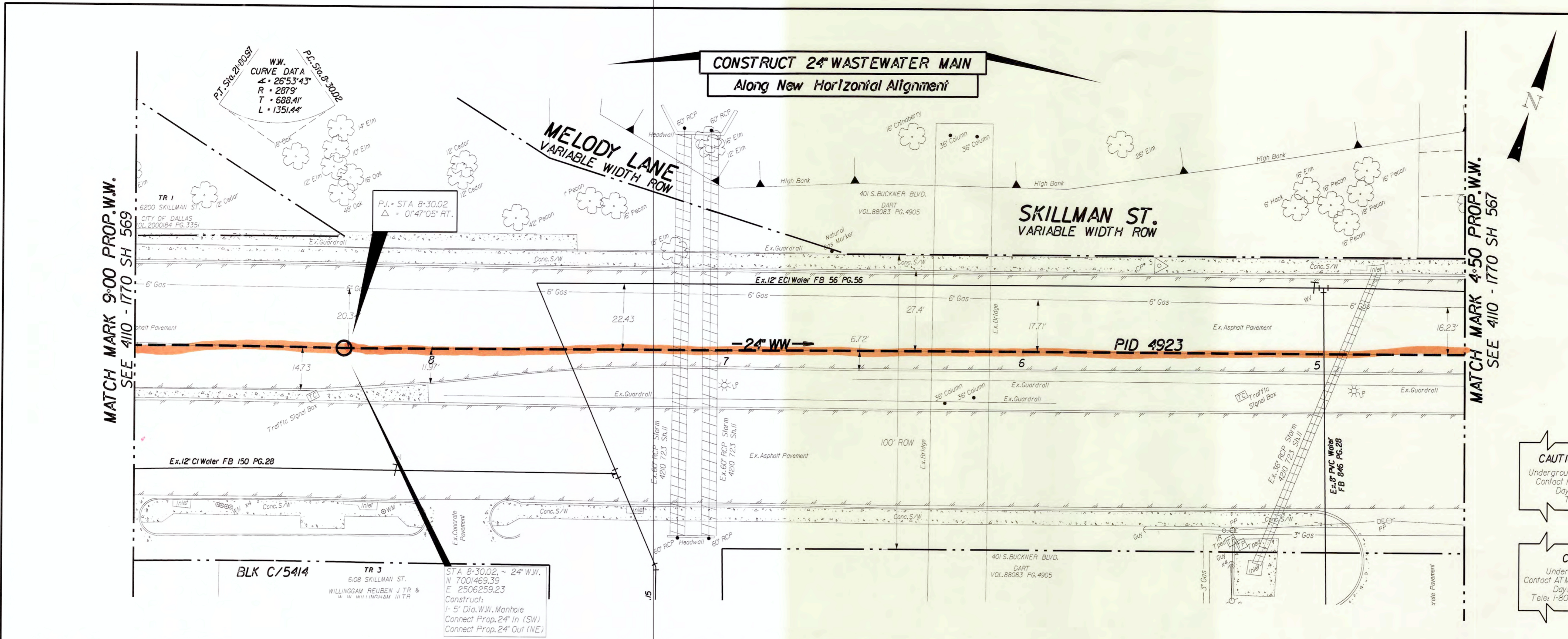
- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact ATMOS Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION  
Advanced Metering Infrastructure (AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected, Replaced or Installed by DWM Personnel ONLY.  
Contact DWM Meter Reading Operations (MRO) 5 working days in advance.  
Tel: 2-871-5337  
Email: DWMRO@dallascityhall.com

**SKILLMAN ST.**



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
<b>BENCHMARK</b>			
BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300			
BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304			
CP 2: X CUT SET ON TOP OF CONCRETE CURB AT THE SOUTHEAST CORNER OF SKILLMAN ST. AND LARMANDA LN Elev. 489.8 FT.			
Horizontal Scale: 1" = 20'			
Vertical Scale: 1" = 6'			
<b>REFERENCES</b> <b>WATER</b> 43N-28, 44N-28, & 44N-29 <b>WASTEWATER</b> 43S-28, 44S-28, & 44S-29			
<b>CONTACT INFORMATION</b> <b>PROPOSED 24" WASTEWATER</b> <b>SKILLMAN STREET</b> <b>FROM SOUTHWESTERN BLVD TO LARMANDA DR.</b> <b>DALLAS WATER UTILITIES</b> <b>CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	410 1770 569

450 LF. 24" PVC Wastewater Pipe  
Pressure Rating 153 psi  
ANMA C-905 (DR 23) / ASTM D-3119  
BY OTHER THAN OPEN CUT (B.O.C.)



MATCH MARK 9+00 PROP.W.W.  
SEE 410 - 1770 SH 569

MATCH MARK 4+50 PROP.W.W.  
SEE 410 - 1770 SH 567

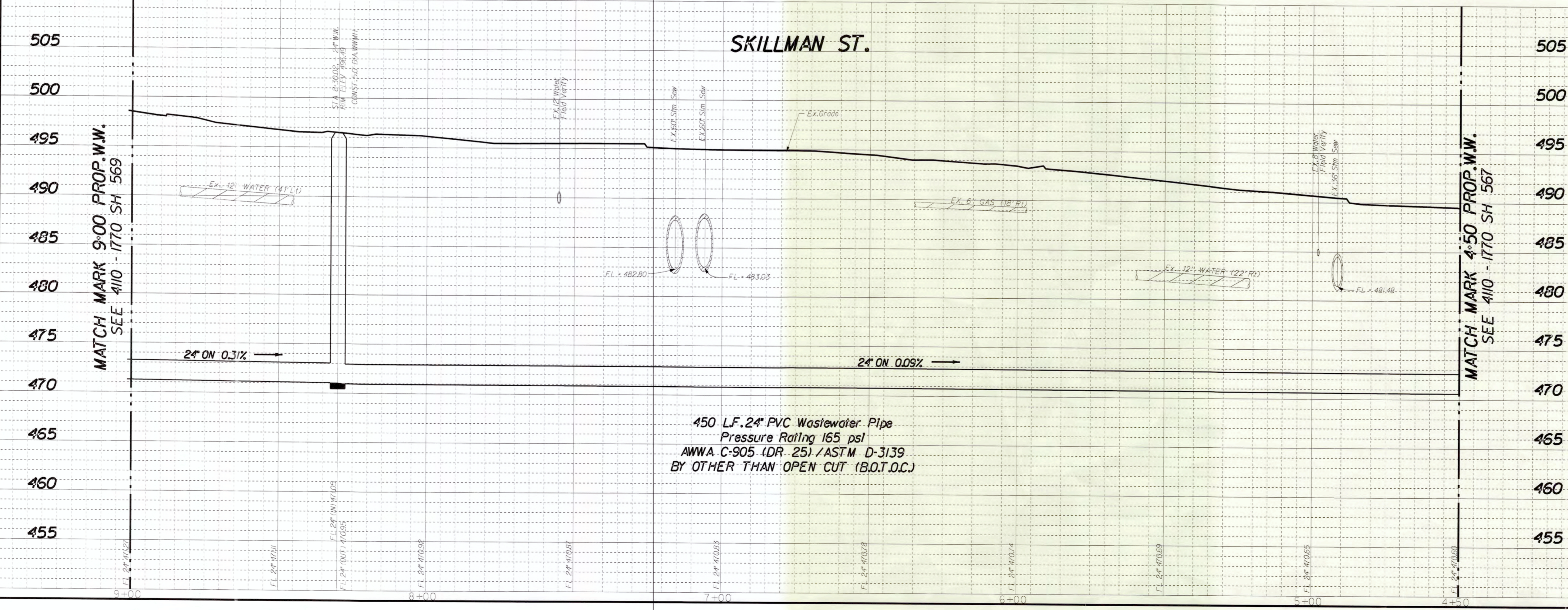
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&OS Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION  
Advanced Metering Infrastructure  
(AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations  
(MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DNU.MRO@cityofdallas.gov



MATCH MARK 9+00 PROP.W.W.  
SEE 410 - 1770 SH 569

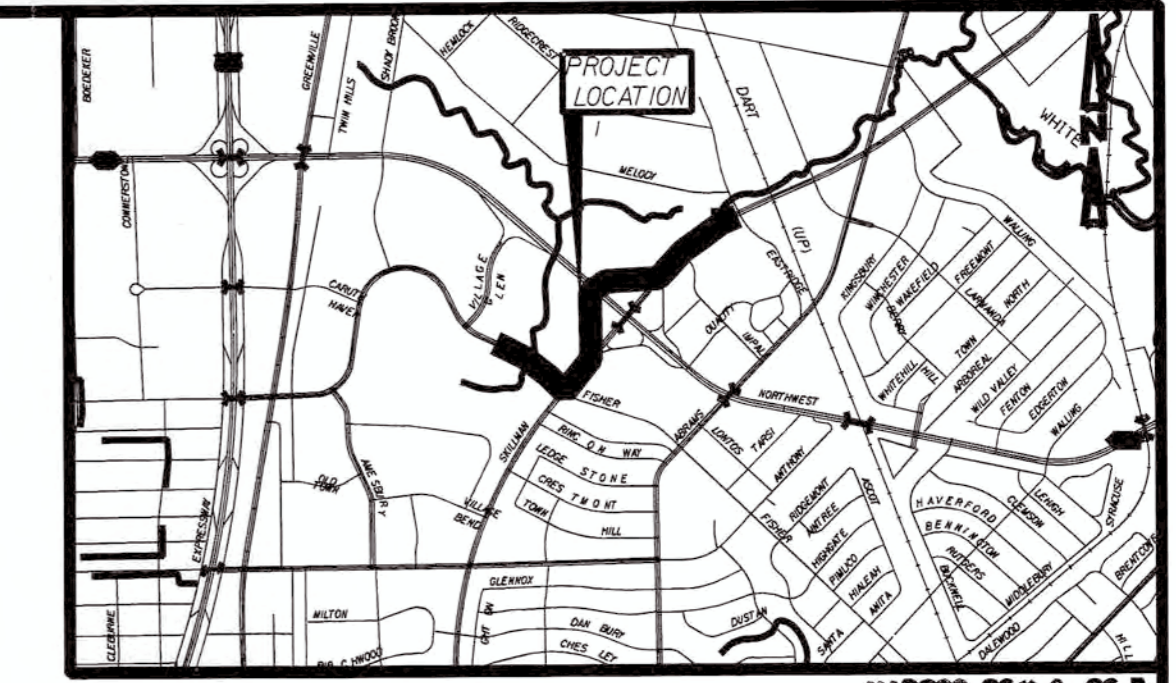
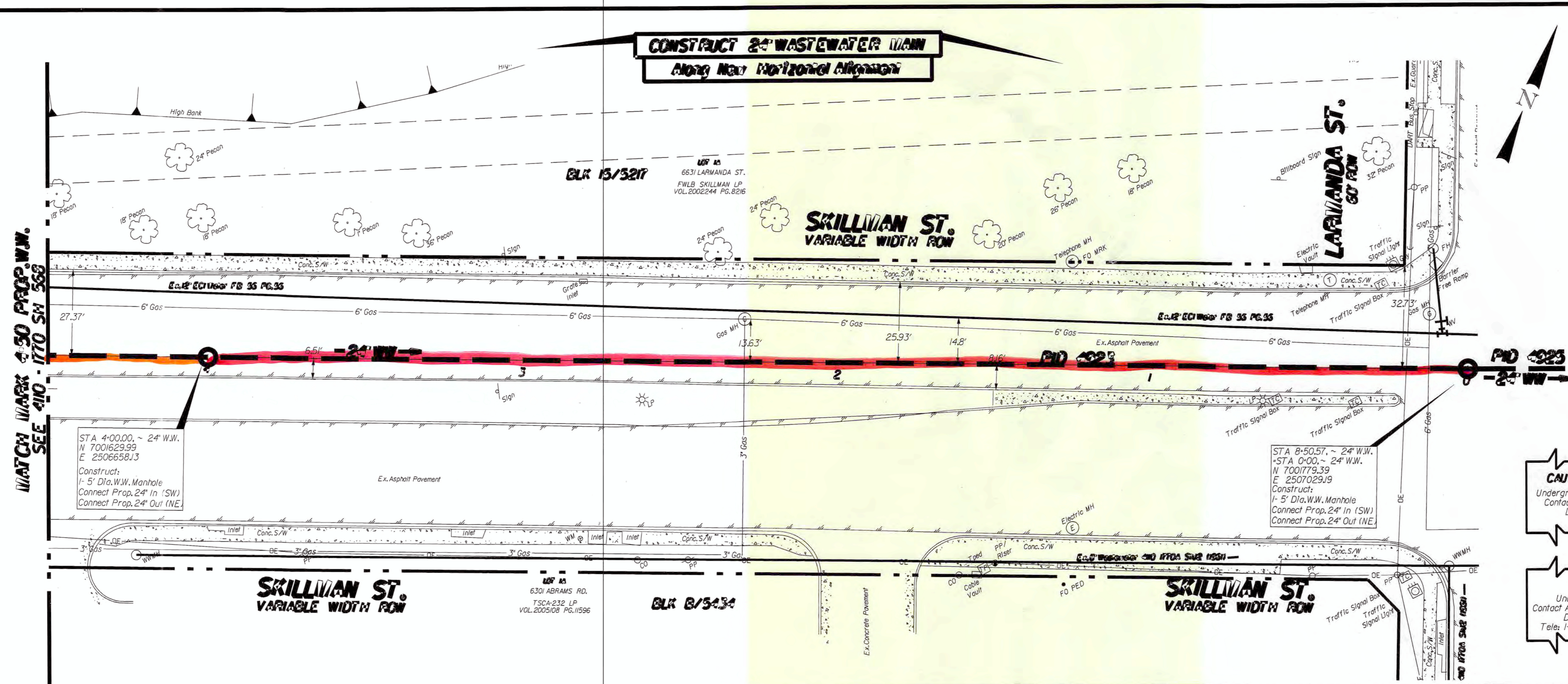
MATCH MARK 4+50 PROP.W.W.  
SEE 410 - 1770 SH 567

REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
BENCHMARKS & CONTROL POINTS			
BENCHMARK			
BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300			
BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304			
CP 3: X-CUT SET IN CONCRETE S/WALK AT THE NORTH SIDE OF SKILLMAN ST. - 7.70 FEET EAST OF THE CENTER OF A RAIL ROAD OVERPASS. ELEV. 492.216 FT.			
Horizontal Scale: 1" = 20'		BDS Technologies, Inc. Texas Registered Engineering Firm F-4025	
Vertical Scale: 1" = 6'			
REFERENCES			
WATER			
43W-28, 44W-28, & 44W-29			
WASTEWATER			
43S-28, 44S-28, & 44S-29			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARMANDA DR. DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE
BDS	BDS	OCT 2016	4110
			NUMBER
			1770
			SHEET
			568

**CONSTRUCT 24" WASTEWATER MAIN  
ALONG EXISTING HORIZONTAL ALIGNMENT**

WATCH MARK 410 PROP. W.W. SEE 410-1770 SH 568

WATCH MARK 410 PROP. W.W. SEE 410-1770 SH 568



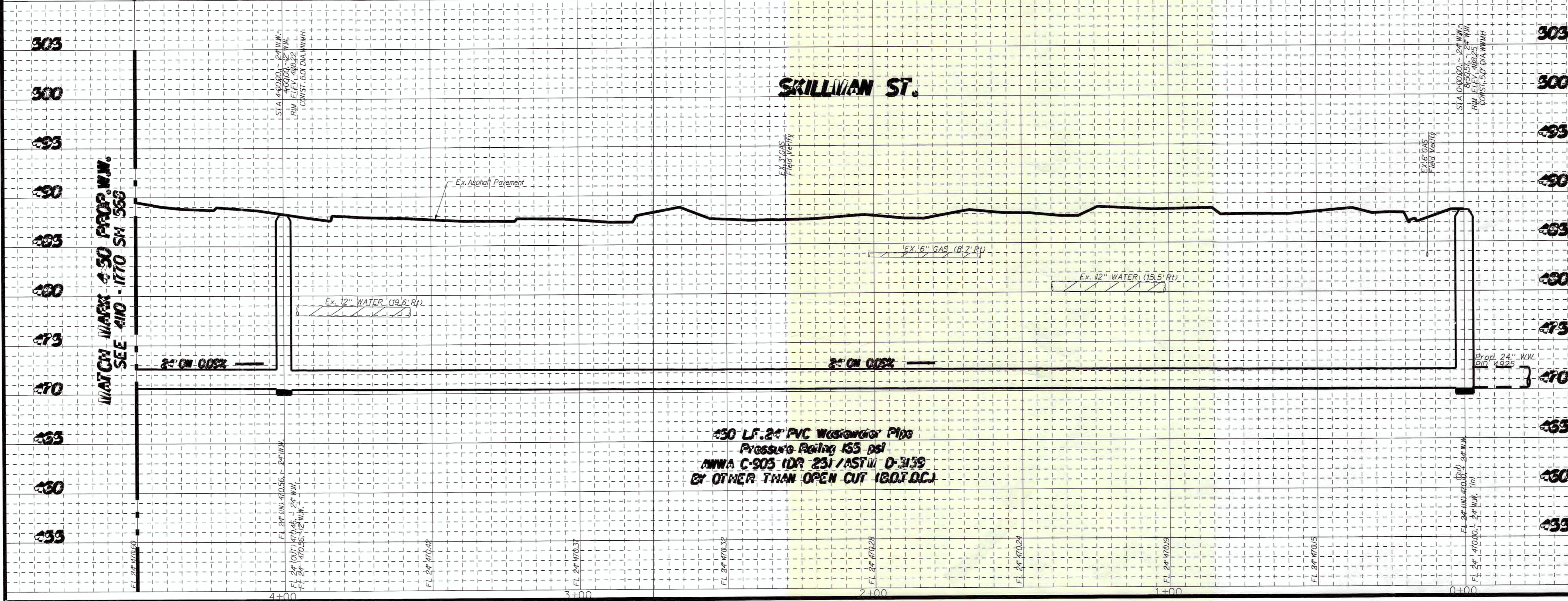
**CAUTION - TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION - FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION - POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION - GAS !**  
Underground Gas Main In Area  
Contact AT&T Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005

**CAUTION - ADVANCED METERING INFRASTRUCTURE (AMI) METERS IN AREA**  
All Components Shall be Disconnected, Protected, Removed or Installed by DDU Personnel ONLY.  
Contact DDU Meter Reading Operations (MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DDU.MRO@dallascityhall.com



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY

**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**  
BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.  
Elev. 575.6300

BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.  
Elev. 541.5304

CP 2: X CUT SET ON TOP OF CONCRETE CURB AT THE SOUTHEAST CORNER OF SKILLMAN ST. AND LARAMANDA LN  
Elev. 489.8 FT.

Horizontal Scale: 1" = 20'

Vertical Scale: 1" = 6'

**BDS Technologies, Inc.**  
Texas Registered Engineering Firm  
F-4025

**REFERENCES**

**WATER**  
43W-28, 44W-28, & 44W-29

**WASTEWATER**  
43S-28, 44S-28, & 44S-29

**BDS Technologies, Inc.**

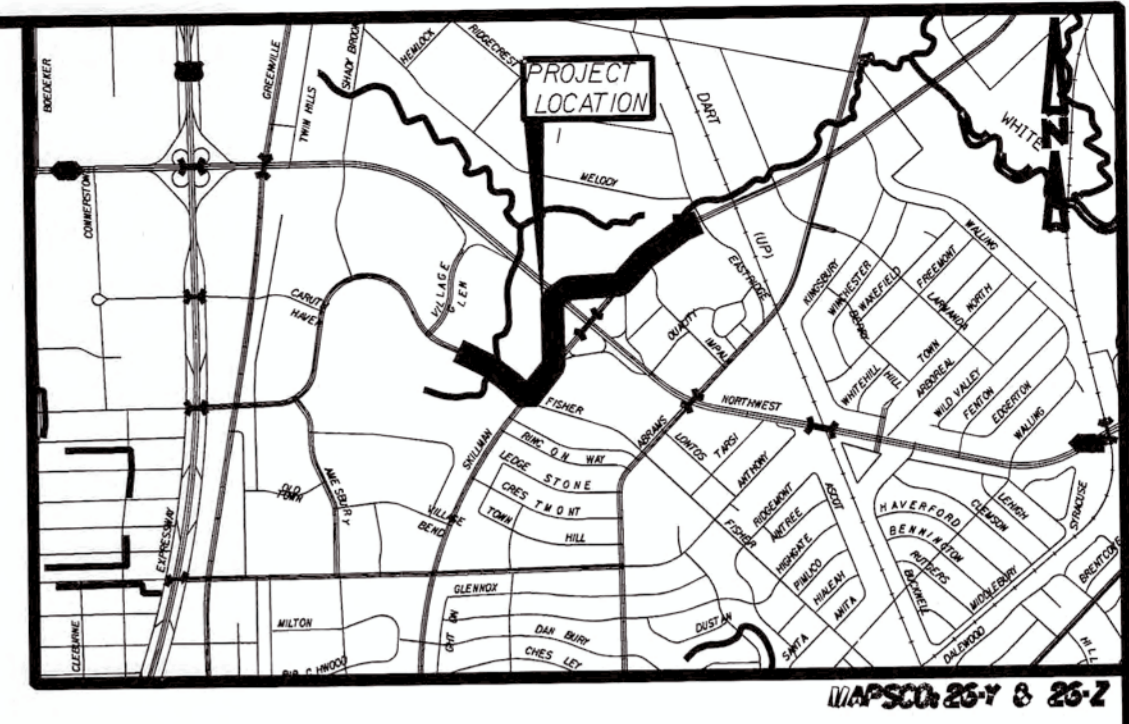
**CONTACT ENGINEER: PO 4025**

**PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARAMANDA DR.**

**DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS**

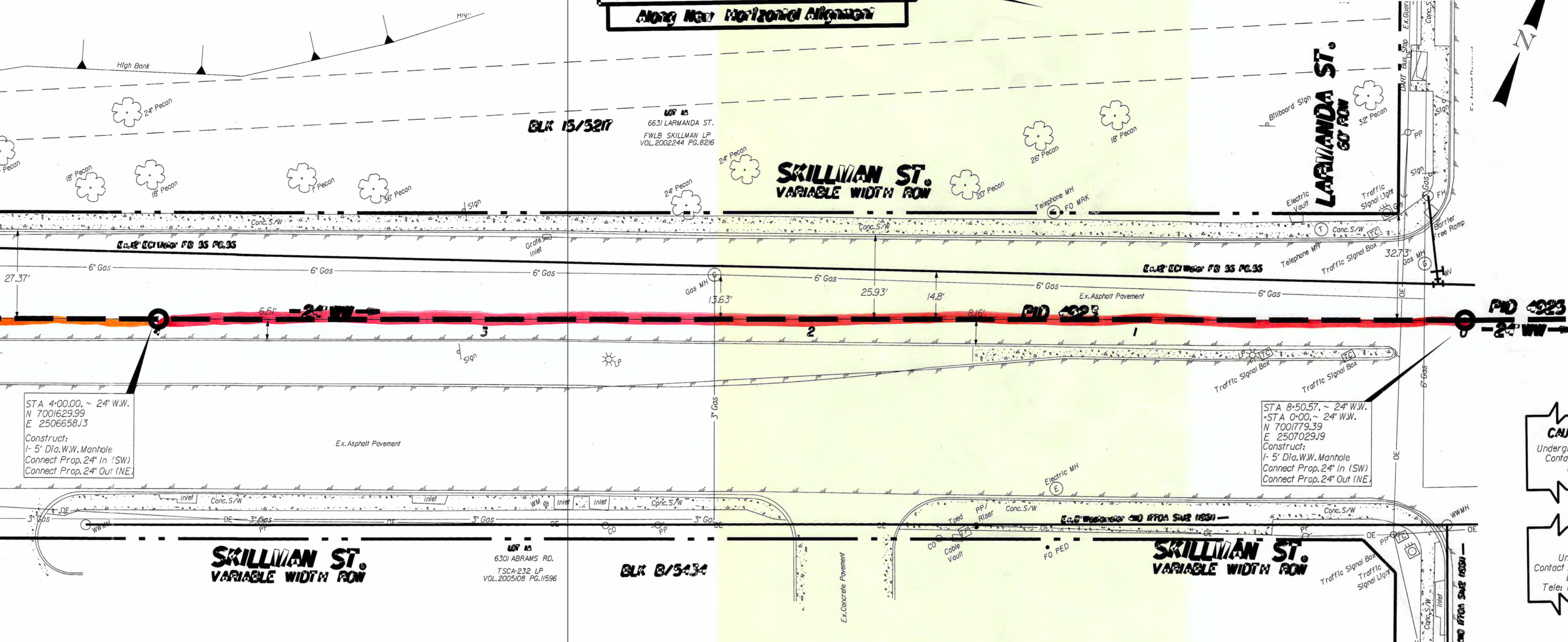
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	OCT 2016	410	1770	367

**CONSTRUCT 24" WASTEWATER MAIN  
Along New Horizontal Alignment**



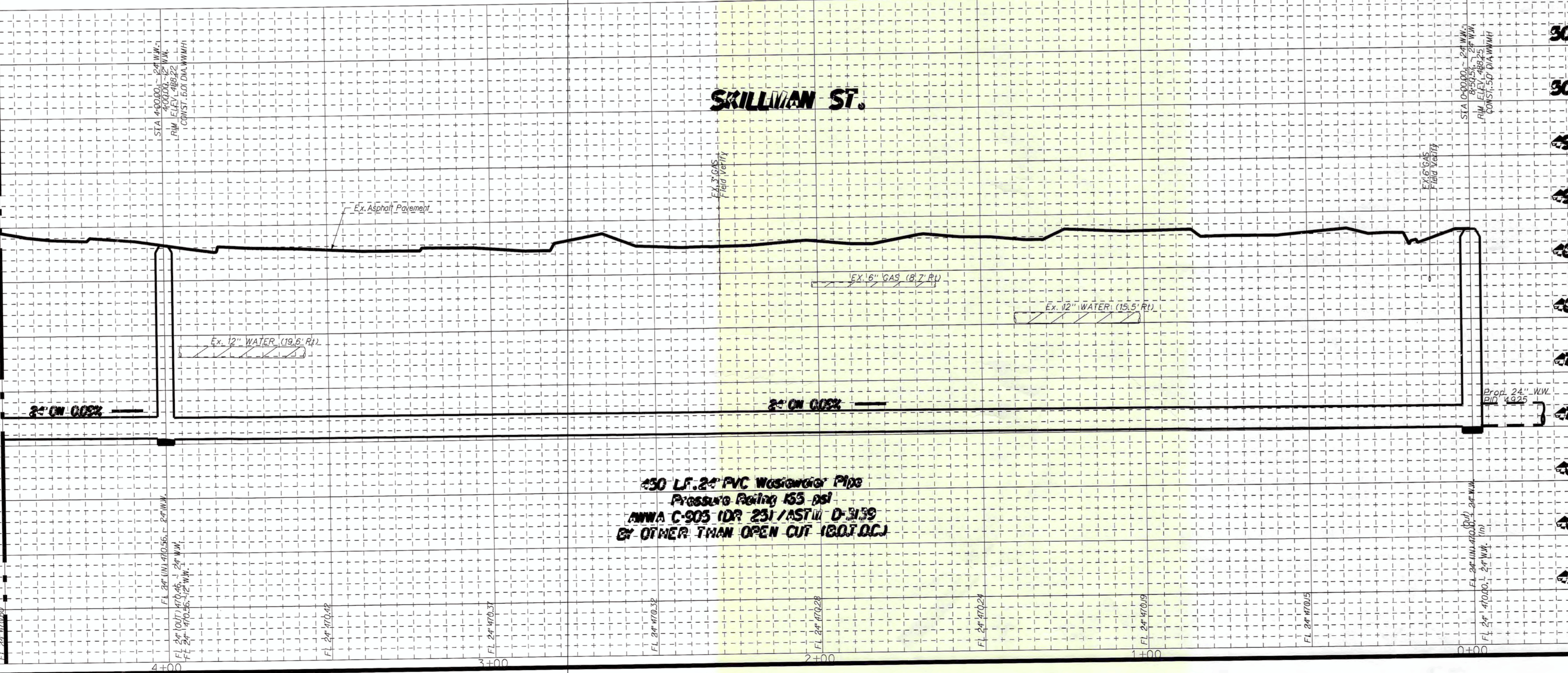
WATCH MARK 4.50 PROP. W.W.  
SEE 410-1770 SW 563

WATCH MARK 4.50 PROP. W.W.  
SEE 410-1770 SW 563



- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&M Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION  
Advanced Metering Infrastructure (AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations (MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DNU.MRO@dallascityhall.com

**SKILLMAN ST.**



450 LF 24" PVC Wastewater Pipe  
Pressure Rating 163 PSI  
ANWA C-905 IDR 231 / ASTM D-3139  
BY OTHER THAN OPEN CUT (B.O.C.)

REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY

**BENCHMARKS & CONTROL POINTS**

**303**  
BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.  
Elev. 575.6300

**300**  
BM 2: STD. WDM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive.  
Elev. 541.5304

**493**  
CP 2: X CUT SET ON TOP OF CONCRETE CURB AT THE SOUTHEAST CORNER OF SKILLMAN ST. AND LARMANDA LN  
Elev. 489.6 FT.

Horizontal Scales: 1" = 20'  
Vertical Scale: 1" = 6'

**REFERENCES**

**WATER**  
43W-28, 44W-28, & 44W-29

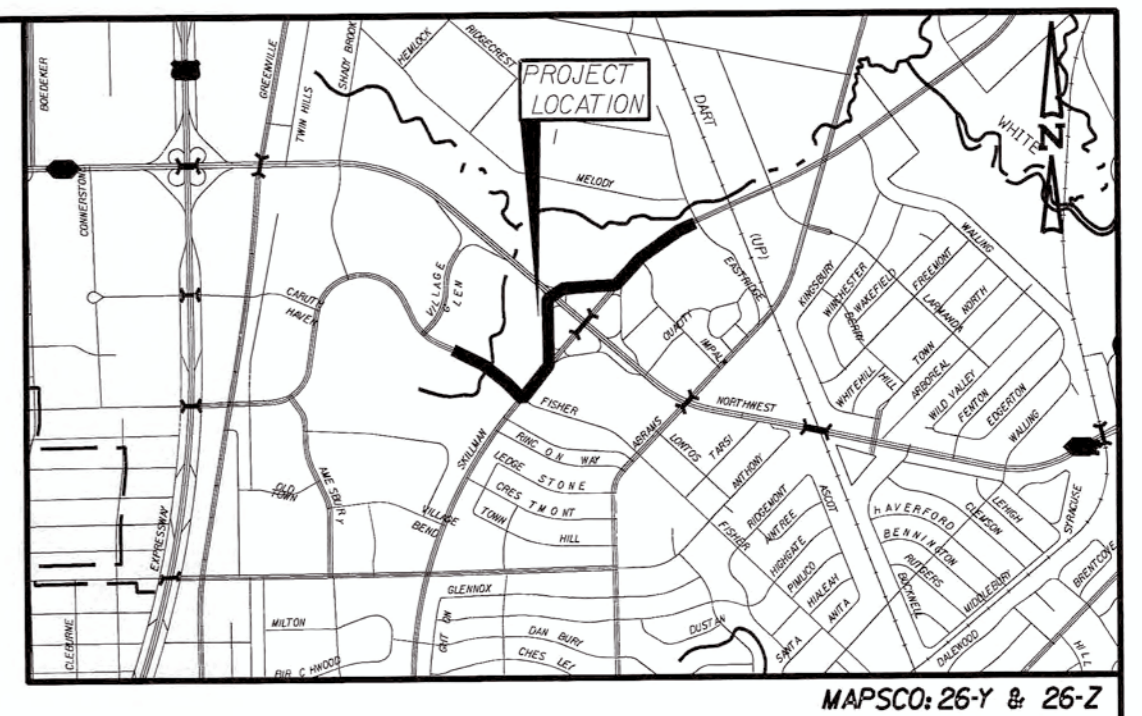
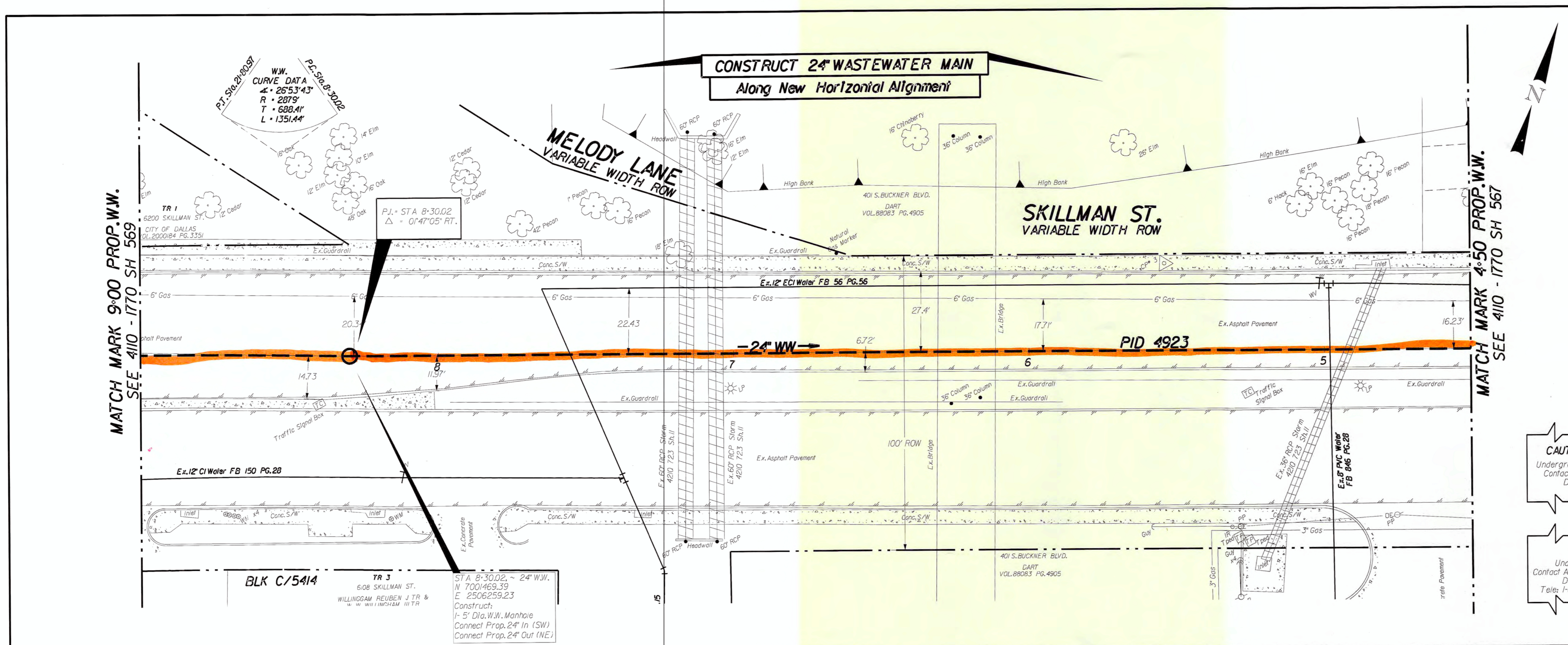
**WASTEWATER**  
43S-28, 44S-28, & 44S-29

**BDS**  
BDS Technologies, Inc.  
Texas Registered Engineering Firm  
P-4025

**ADREED D. BADMUS**  
83088  
REGISTERED PROFESSIONAL ENGINEER

**PROPOSED 24" WASTEWATER  
SKILLMAN STREET  
FROM SOUTHWESTERN BLVD TO  
LARMANDA DR.  
DALLAS WATER UTILITIES  
CITY OF DALLAS, TEXAS**

DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	OCT 2016	410	1770	563



MATCH MARK 9+00 PROP. W.W.  
SEE 410 - 1770 SH 569

MATCH MARK 4+50 PROP. W.W.  
SEE 410 - 1770 SH 567

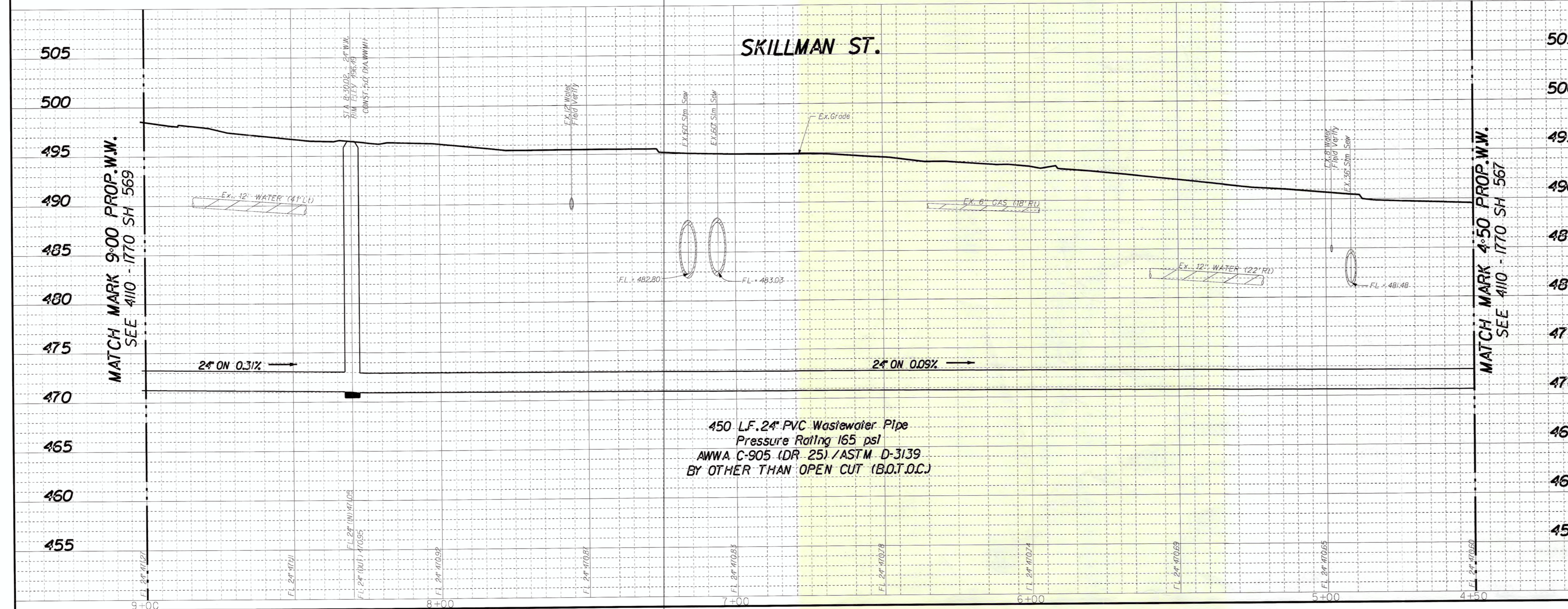
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&S Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION  
Advanced Metering Infrastructure  
(AMI) Meters In Area**  
All Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations  
1400 S. working street, Dallas, TX  
Tel: 214-670-5537  
Email: DNU.MeterOperations@dnu.com



MATCH MARK 9+00 PROP. W.W.  
SEE 410 - 1770 SH 569

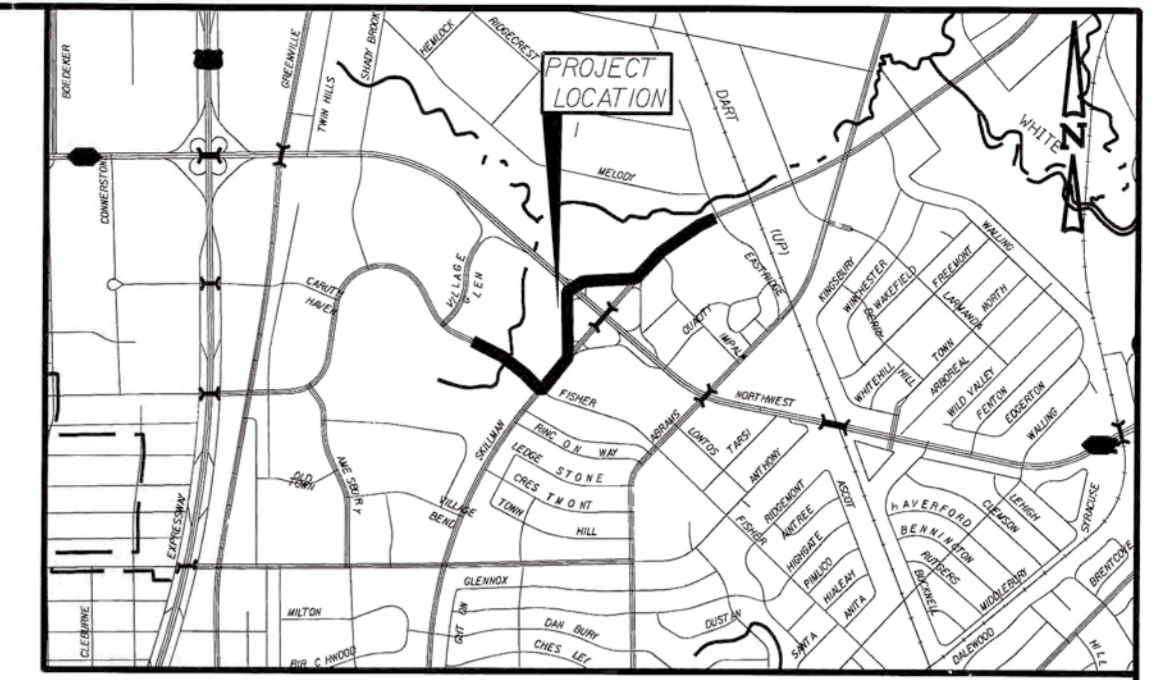
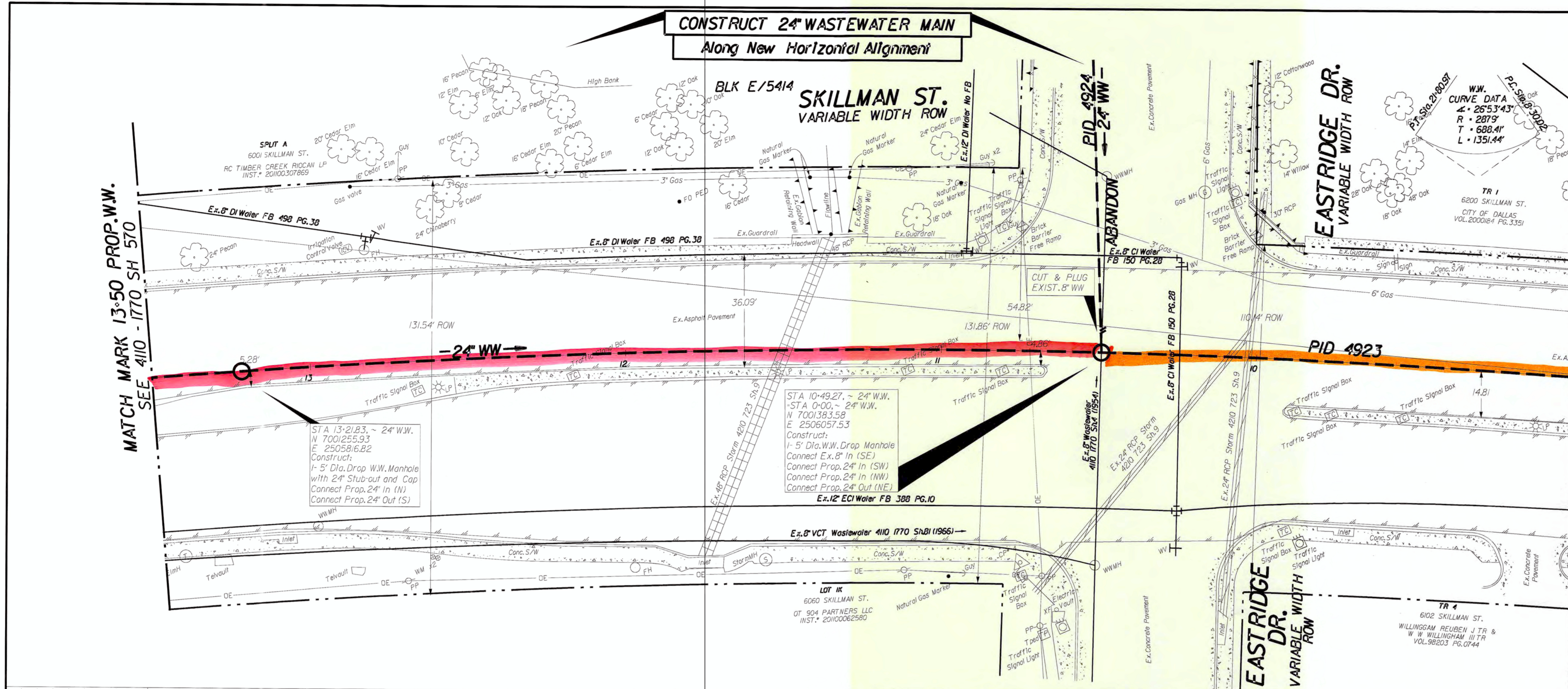
MATCH MARK 4+50 PROP. W.W.  
SEE 410 - 1770 SH 567

REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
505			
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
500		BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
495		BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304	
490		CP 3: X-CUT SET IN CONCRETE S/WALK AT THE NORTH SIDE OF SKILLMAN ST. - 70 FEET EAST OF THE CENTER OF A RAIL ROAD OVERPASS. ELEV. 492.216 FT.	
485			
480			
475			
470			
465			
460			
455			

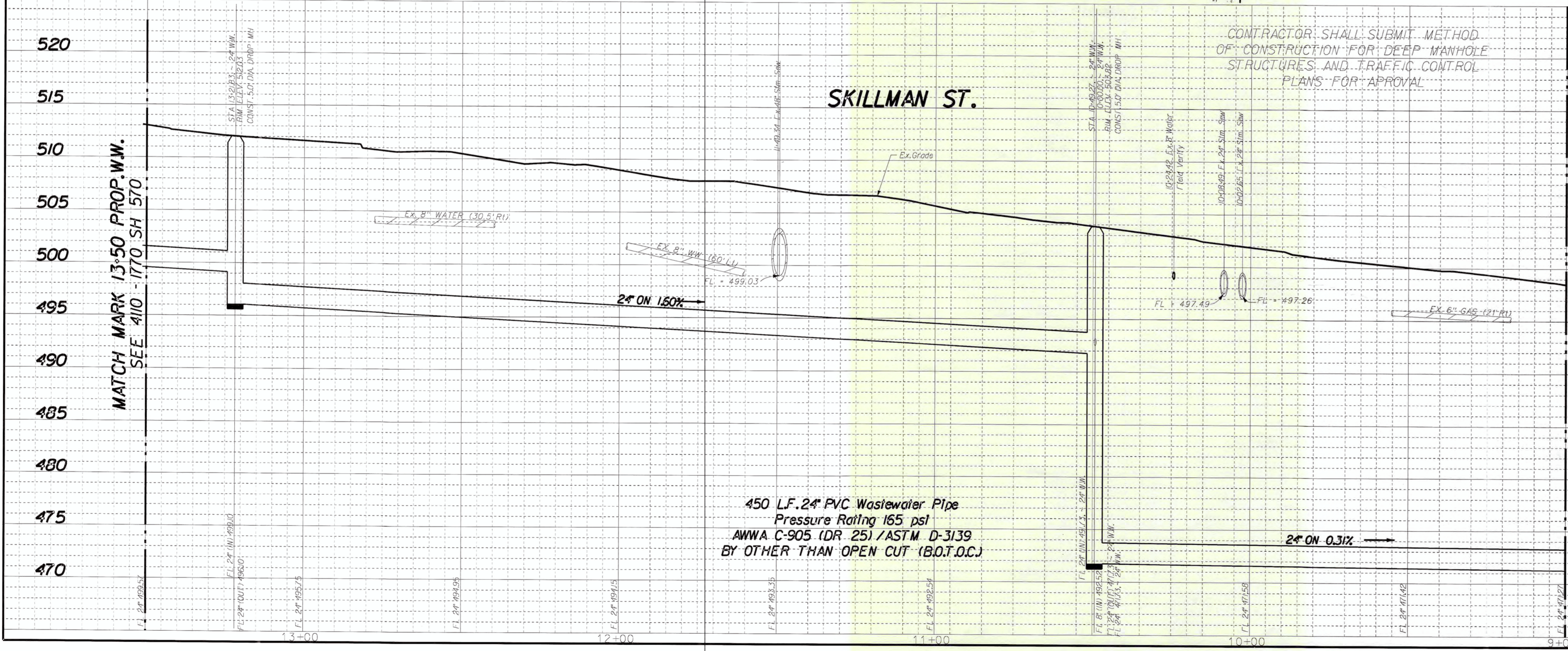
  

Horizontal Scale: 1" = 20'					
Vertical Scale: 1" = 6'					
<b>REFERENCES</b> <b>WATER</b> 43W-28, 44W-28, & 44W-29 <b>WASTEWATER</b> 43S-28, 44S-28, & 44S-29					
<b>BDS Technologies, Inc.</b> 8001 Redwood Lane, Suite 1000, Dallas, Texas 75241 214-670-5537 www.bds-engineering.com					
<b>CONTRACT NO. 16-155/156</b> <b>PID: 4923</b> <b>PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARAMANDA DR.</b> <b>DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>					
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	OCT 2016	4110	1770	568



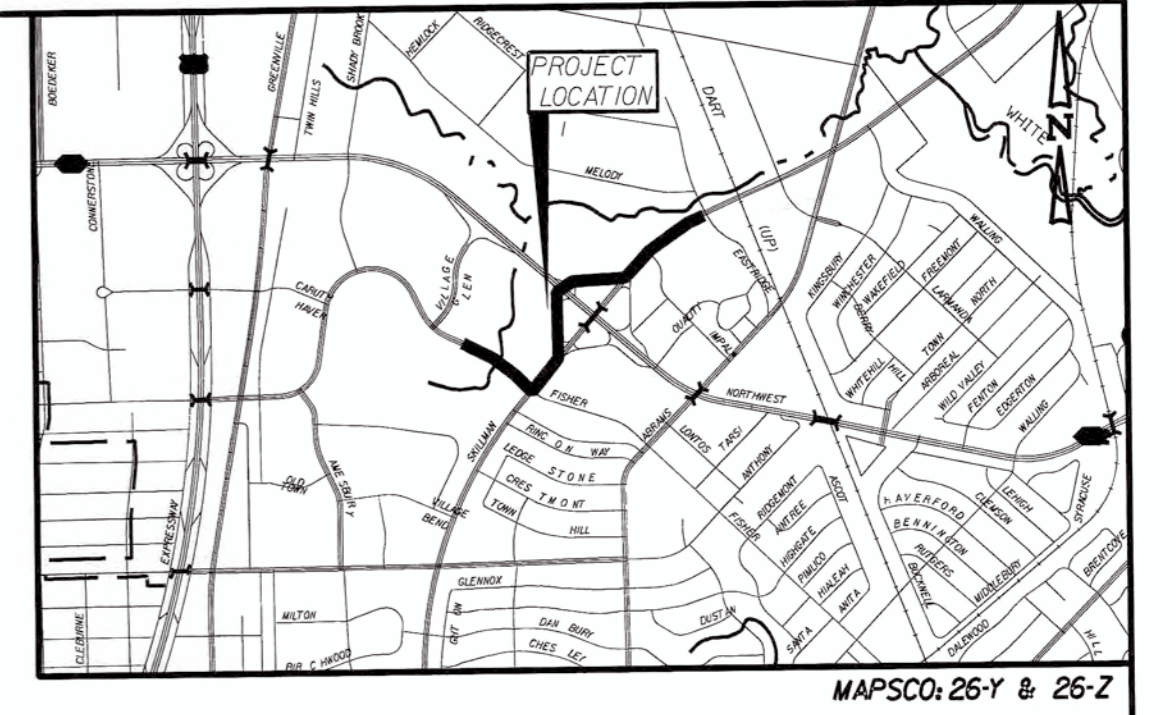
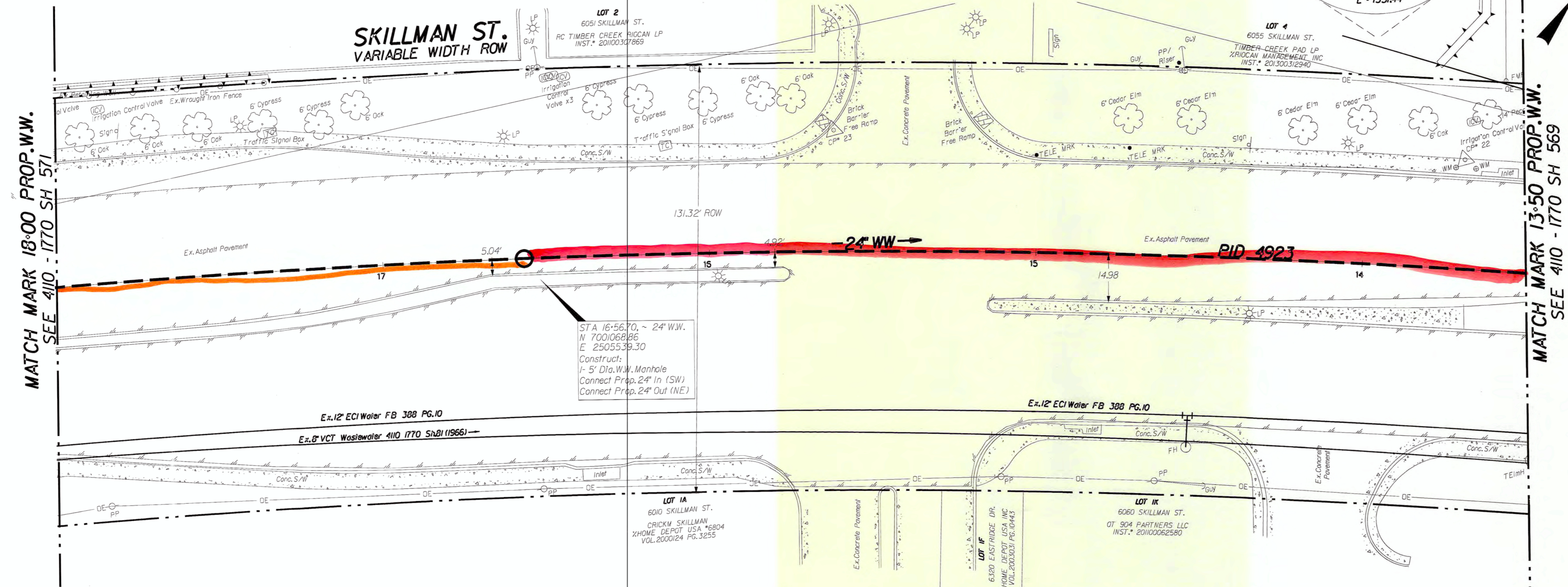


- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&S Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005
- CAUTION Advanced Metering Infrastructure (AMI) Meters in Area**  
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DDU Personnel ONLY.  
Contact DDU Meter Reading Operations (MRO) 5 working days in advance.  
Tel: 214-670-5533  
Email: DDU@metersuccesshouston.com

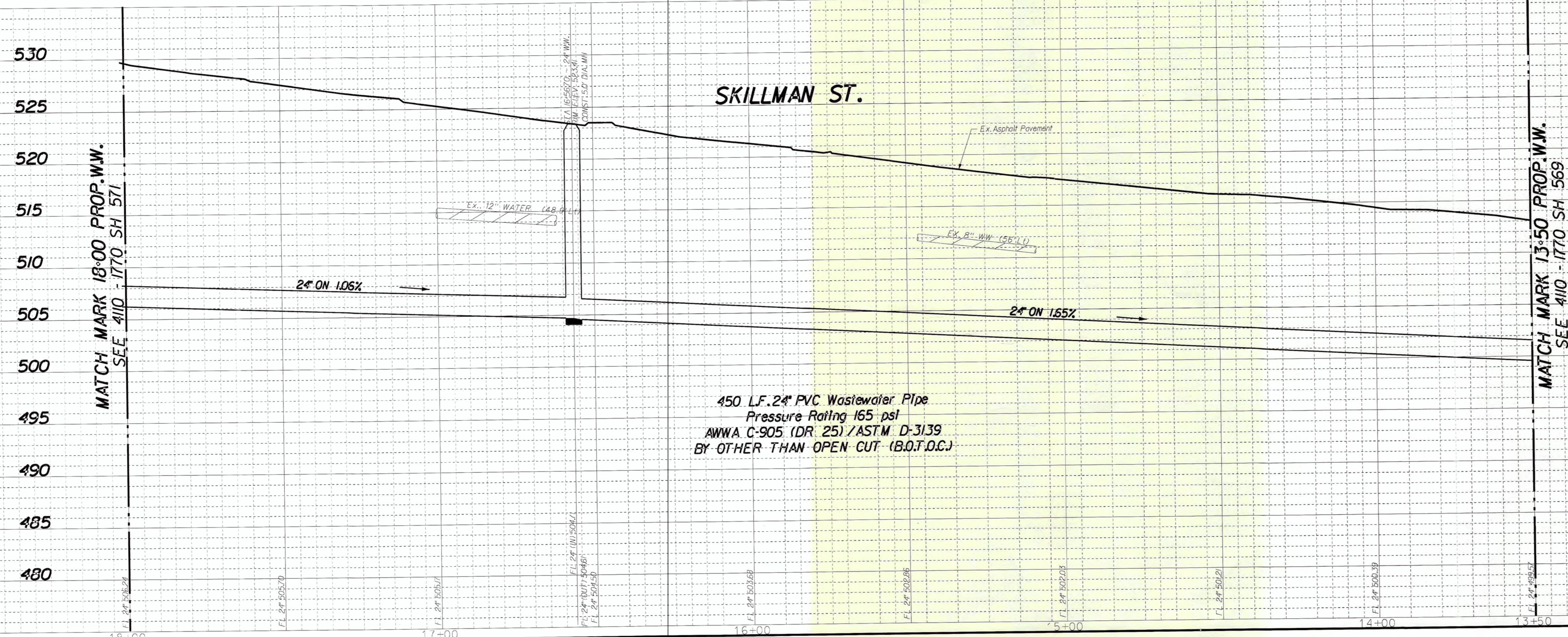


REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
BENCHMARKS & CONTROL POINTS			
520	BENCHMARK BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300		
515	BM 2: STD.WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304		
510	CP 4: x CUT SET IN CONCRETE S/WALK AT THE SOUTHWEST CORNER OF SKILLMAN ST. AND EASTRIDGE DR. - 24 FEET WEST OF A WASTEWATER MANHOLE. Elev. 505.124 FT.		
505	BENCHMARK 56-B-3T (BENCHMARK NOT SHOWN) AT THE INTERSECTION OF CENTRAL EXPRESSWAY AND EUGENE ST. A STD.WDBM IS SET ON TOP OF A CONCRETE CURB AT THE MIDPOINT, SOUTHEAST CORNER OF THE INTERSECTION N. 6961990.824 E. 2501690.271 ELEVATION 428.29		
500	<div style="display: flex; justify-content: space-between;"> <div> <p>Horizontal Scale: 1" = 20'</p> <p>Vertical Scale: 1" = 6'</p> </div> <div style="text-align: right;"> <p>BDS Technologies, Inc. Texas Registered Engineering Firm F-4025</p> </div> </div>		
495	REFERENCES		
490	WATER 43W-28, 44W-28, & 44W-29		
485	WASTEWATER 43S-28, 44S-28, & 44S-29		
480	CONTRACT NO. 16-155/156		PID: 4923
475	PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARMANDA DR.		
470	DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS		
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	4110 1770 569

**CONSTRUCT 24" WASTEWATER MAIN  
Along New Horizontal Alignment**

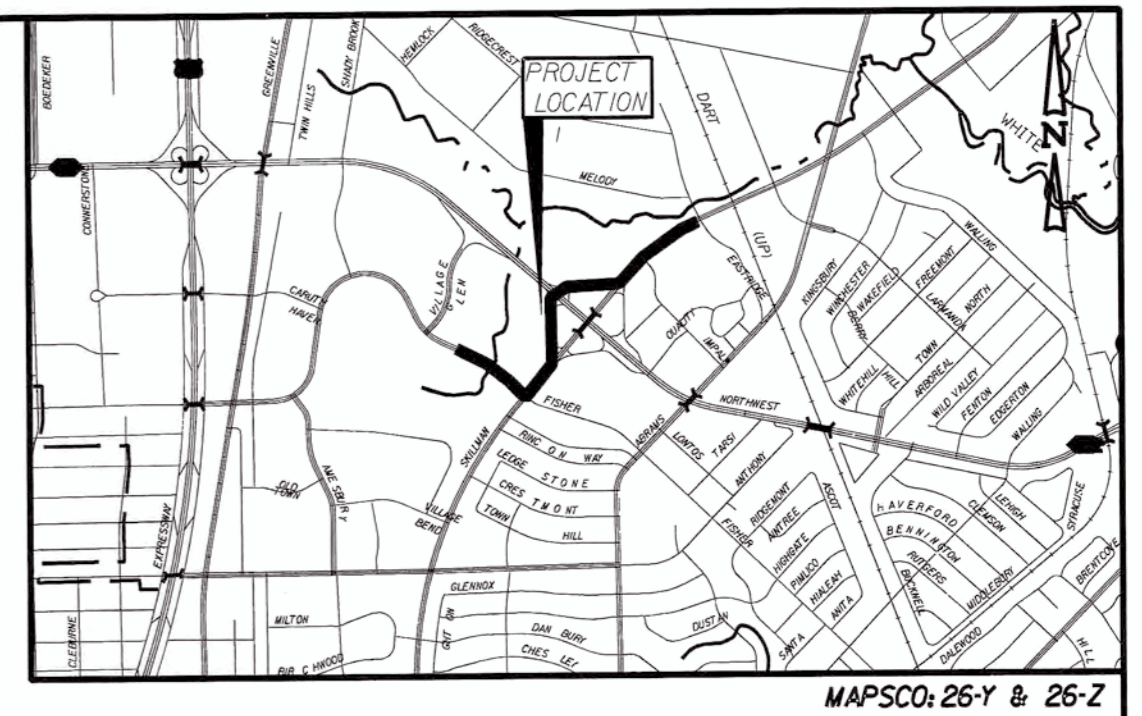
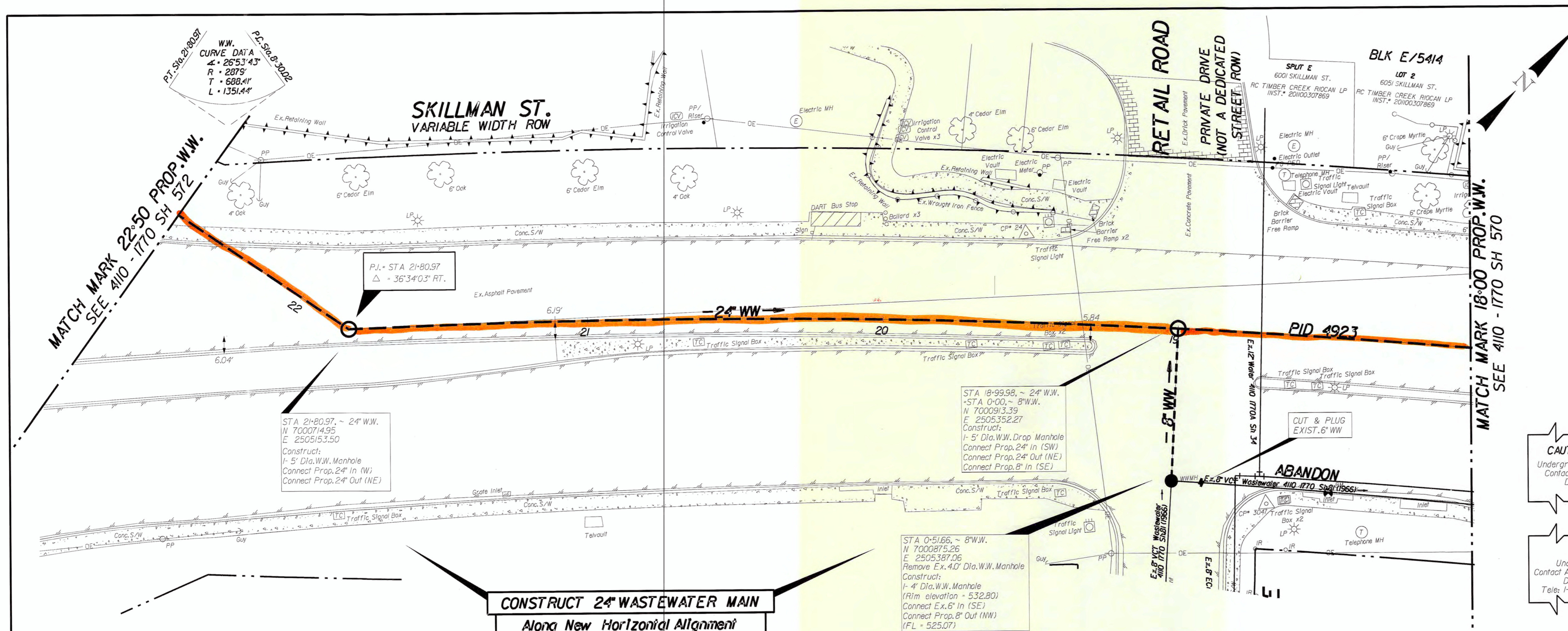


- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&OS Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION  
Advanced Metering Infrastructure (AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DDU Personnel ONLY.  
Contact DDU Meter Reading Operations (MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DDU@metroplanning.com



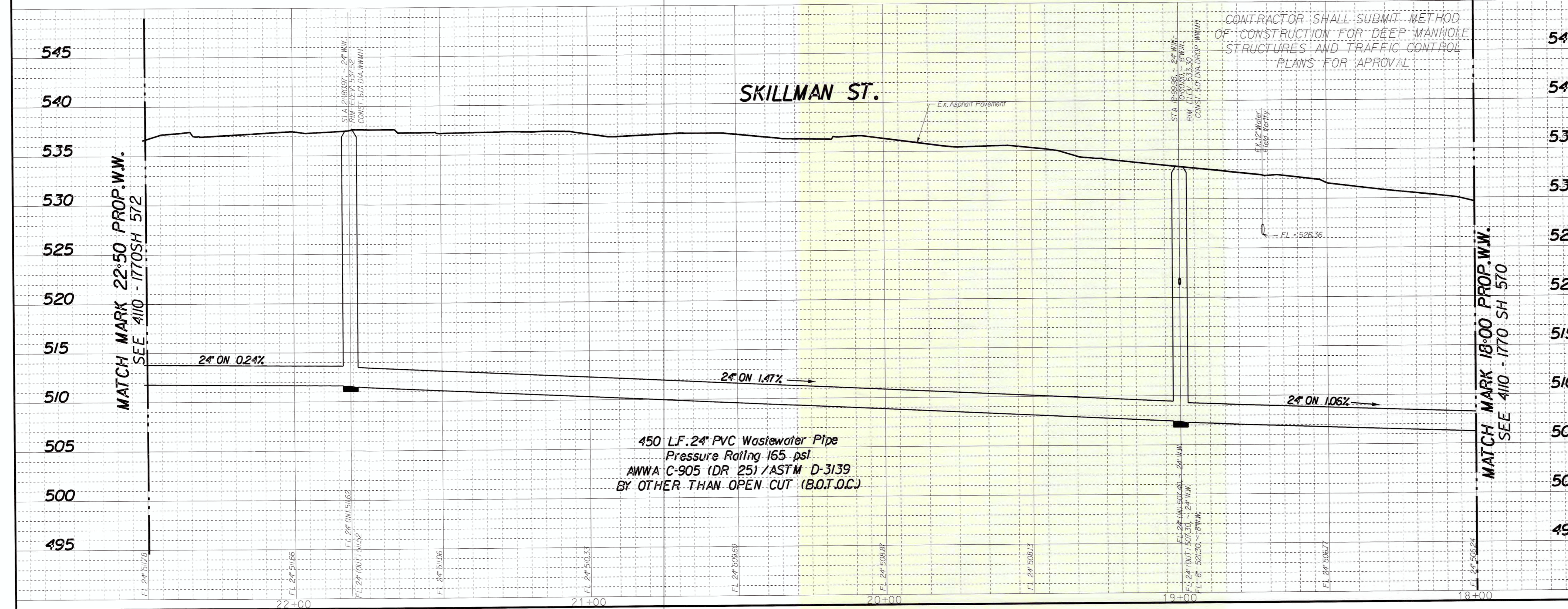
450 LF. 24" PVC Wastewater Pipe  
Pressure Rating 165 psi  
AWWA C-905 (DR 25) / ASTM D-3139  
BY OTHER THAN OPEN CUT (B.O.T.O.C.)

REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
530			
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
525		BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
520		BM 2: STD.WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304	
515		CP 22: X CUT SET IN CONCRETE S/WALK AT THE NORTH SIDE OF SKILLMAN ST. - 337 FEET WEST OF THE CENTER OF EASTRIDGE DR Elev. 513.339 FT.	
510		CP 23: X CUT SET IN CONCRETE PAVEMENT AT THE SOUTH SIDE OF THE DRIVEWAY OF ADDRESS * 6051 SKILLMAN ST. Elev. 519.478 FT.	
Horizontal Scales: 1" = 20'			
Vertical Scale: 1" = 6'			
<b>REFERENCES</b>			
WATER		43W-28, 44W-28, & 44W-29	
WASTEWATER		43S-28, 44S-28, & 44S-29	
<b>BDS Technologies, Inc.</b>			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARAMANDA DR. DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	4110 1770 570

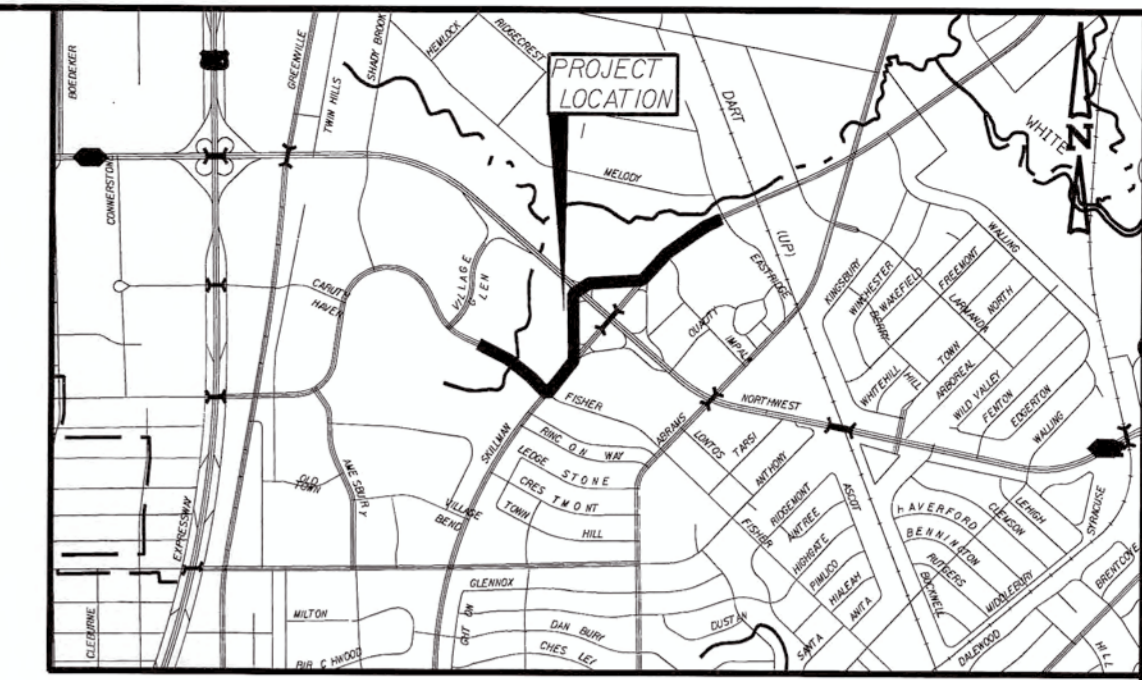
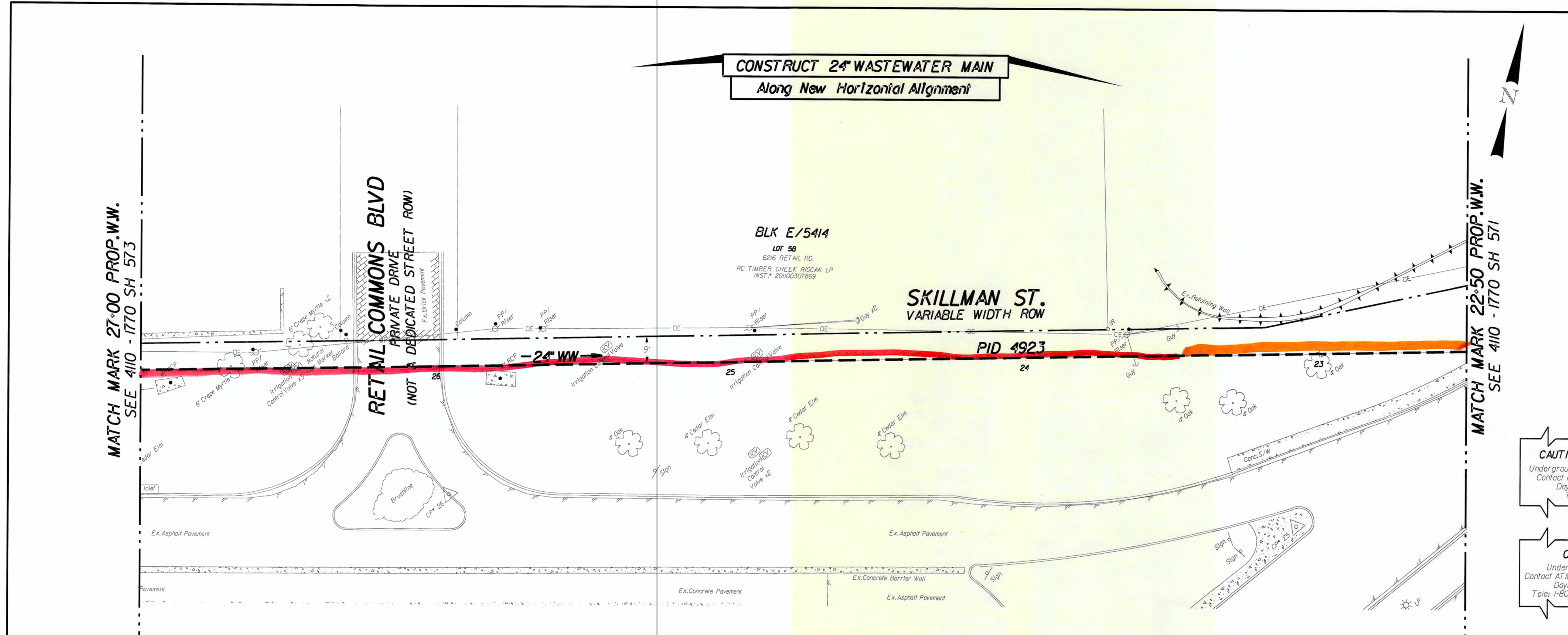


- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&T Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION  
Advanced Metering Infrastructure  
(AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DWU Personnel ONLY.  
Contract DWU Meter Reading Operations  
(MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DWUMRO@cityofdallas.com

**CONSTRUCT 24" WASTEWATER MAIN  
Along New Horizontal Alignment**



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
545			
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
540	BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300		
535	BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.5 mile East of Village Glen Drive. Elev. 541.5304		
530	CP 24: 1/2" CUT SET IN CONCRETE S/WALK AT THE WEST SIDE OF SKILLMAN ST. - 55 FEET SOUTH OF THE CENTER OF RETAIL RD. Elev. 534.907 FT.		
525	Horizontal Scale: 1" = 20' Vertical Scale: 1" = 6' <b>REFERENCES</b> <b>WATER</b> 43W-28, 44W-28, & 44W-29 <b>WASTEWATER</b> 43S-28, 44S-28, & 44S-29		
520			
515	<b>BDS Technologies, Inc.</b> Texas Registered Engineering Firm F-4025		
510	<b>CONTRACT NO. 16-155/156</b> <b>PID: 4923</b>		
505	<b>PROPOSED 24" WASTEWATER</b>		
500	<b>SKILLMAN STREET</b>		
500	<b>FROM SOUTHWESTERN BLVD TO</b>		
500	<b>LARMANDA DR.</b>		
495	<b>DALLAS WATER UTILITIES</b>		
495	<b>CITY OF DALLAS, TEXAS</b>		
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	410 1770 571



MATCH MARK 27+00 PROP.W.W.  
SEE 410 - 1770 SH 573

MATCH MARK 22+50 PROP.W.W.  
SEE 410 - 1770 SH 571

**CONSTRUCT 24" WASTEWATER MAIN**  
Along New Horizontal Alignment

BLK E/5414  
LOT 58  
6216 RETAIL RD.  
RC TIMBER CREEK RICCAN LP  
INST. # 20100307869

SKILLMAN ST.  
VARIABLE WIDTH ROW

PID 4923

RETAIL COMMONS BLVD  
PRIVATE DRIVE  
(NOT A DEDICATED STREET ROW)

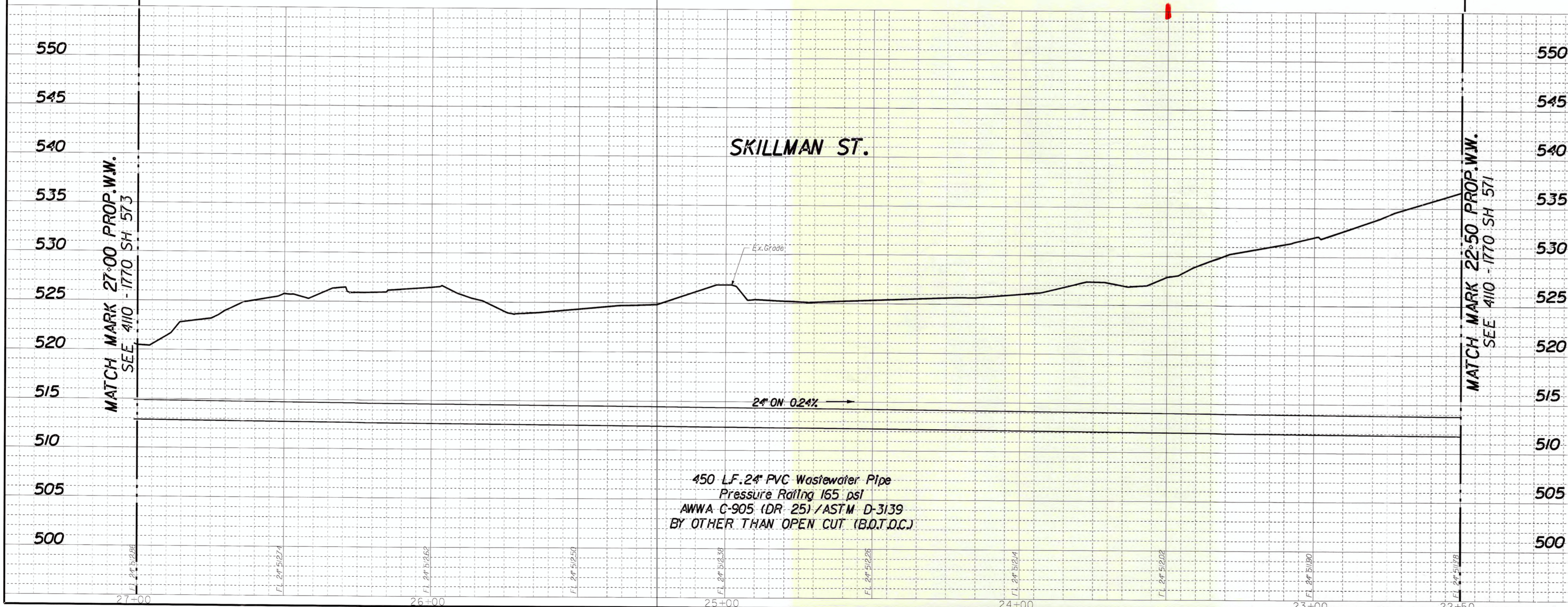
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&OS Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005

**CAUTION**  
Advanced Metering Infrastructure  
(AMI) Meters In Area  
AMI Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations  
(MRO) 5 working days in advance.  
Tel: 214-670-5537  
Email: DNUAMI@oprosouth.com



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY

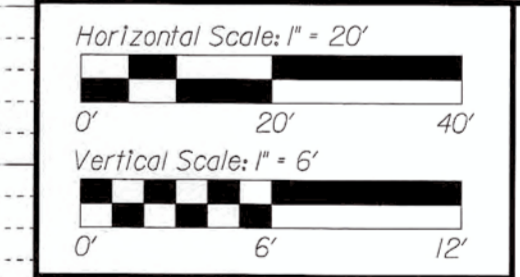
**BENCHMARKS & CONTROL POINTS**

**BENCHMARK**

BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway.  
Elev. 575.6300

BM 2: STD. W.B.M. on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.5 mile East of Village Glen Drive.  
Elev. 541.5304

CP 25: \*XCUT SET AT THE NORTHERLY NOSE OF CONCRETE ISLAND, EAST OF THE EXIT RAMP TO WEST NORTHWEST HWY.  
Elev. 538.49 FT.



BDS Technologies, Inc.  
Texas Registered Engineering Firm  
F-4025

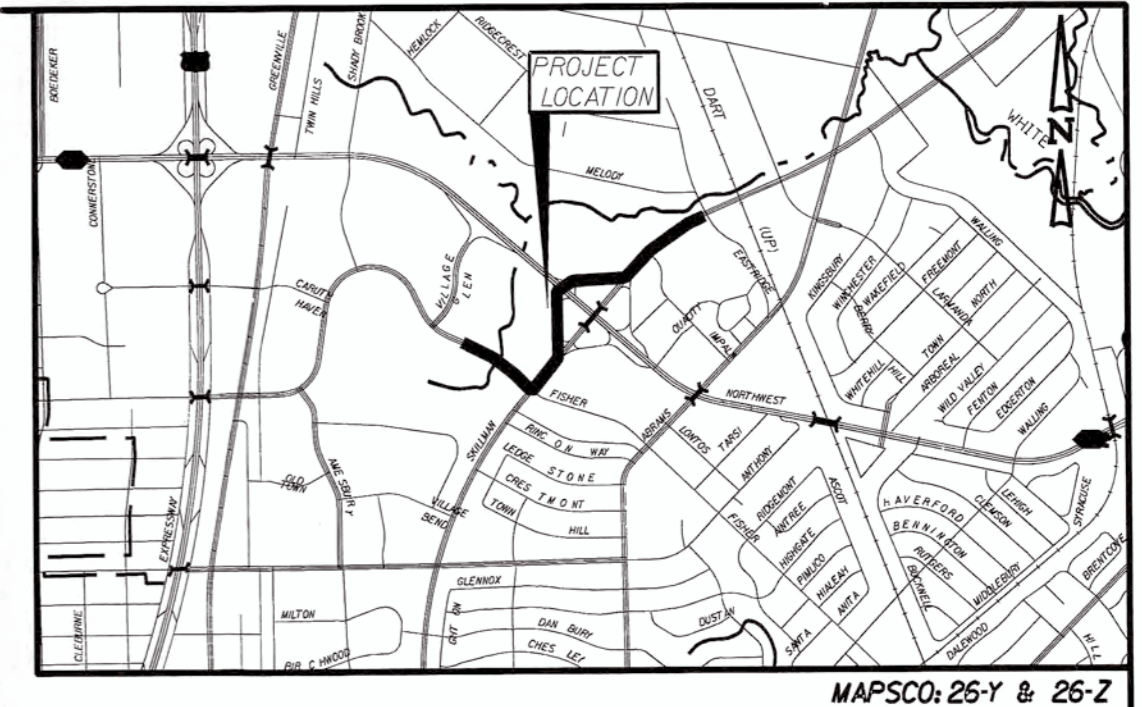
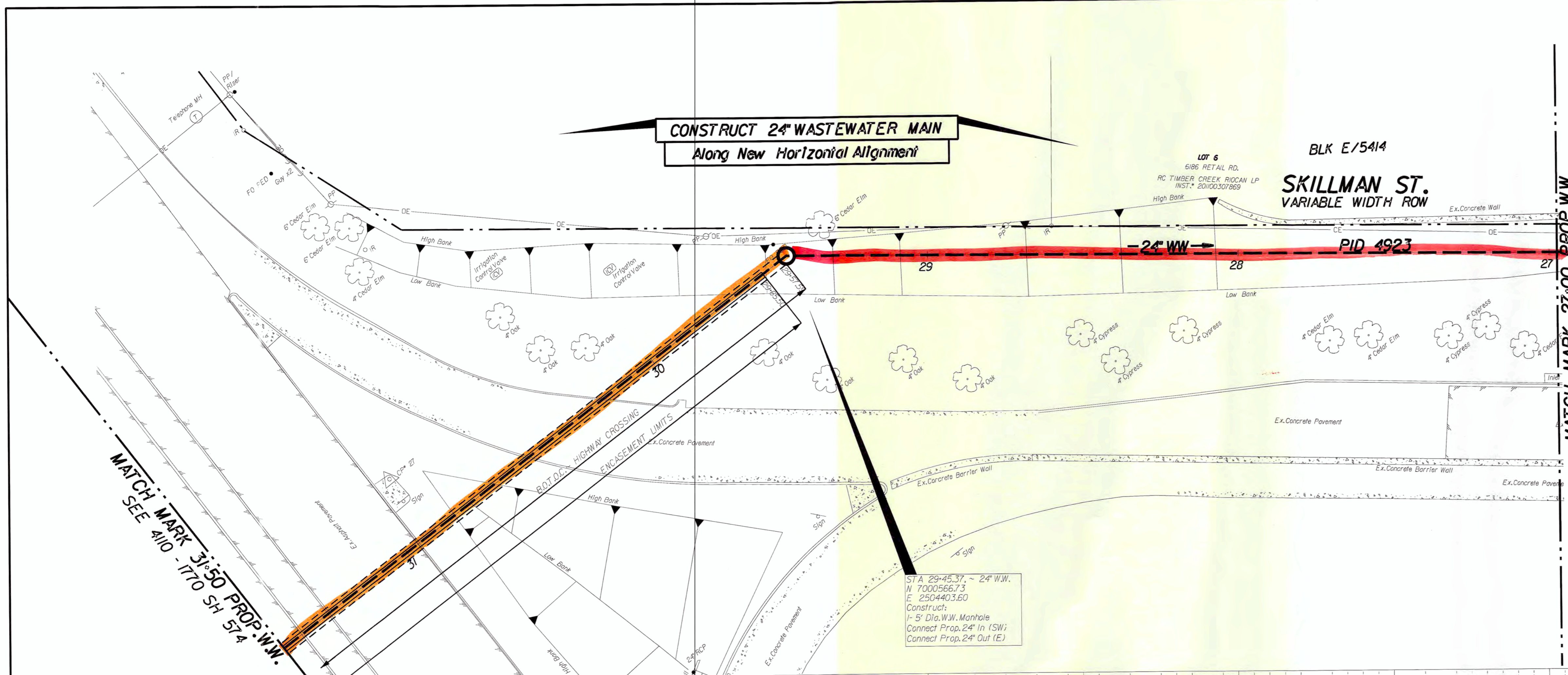
**REFERENCES**

WATER	43W-28, 44W-28, & 44W-29
WASTEWATER	43S-28, 44S-28, & 44S-29

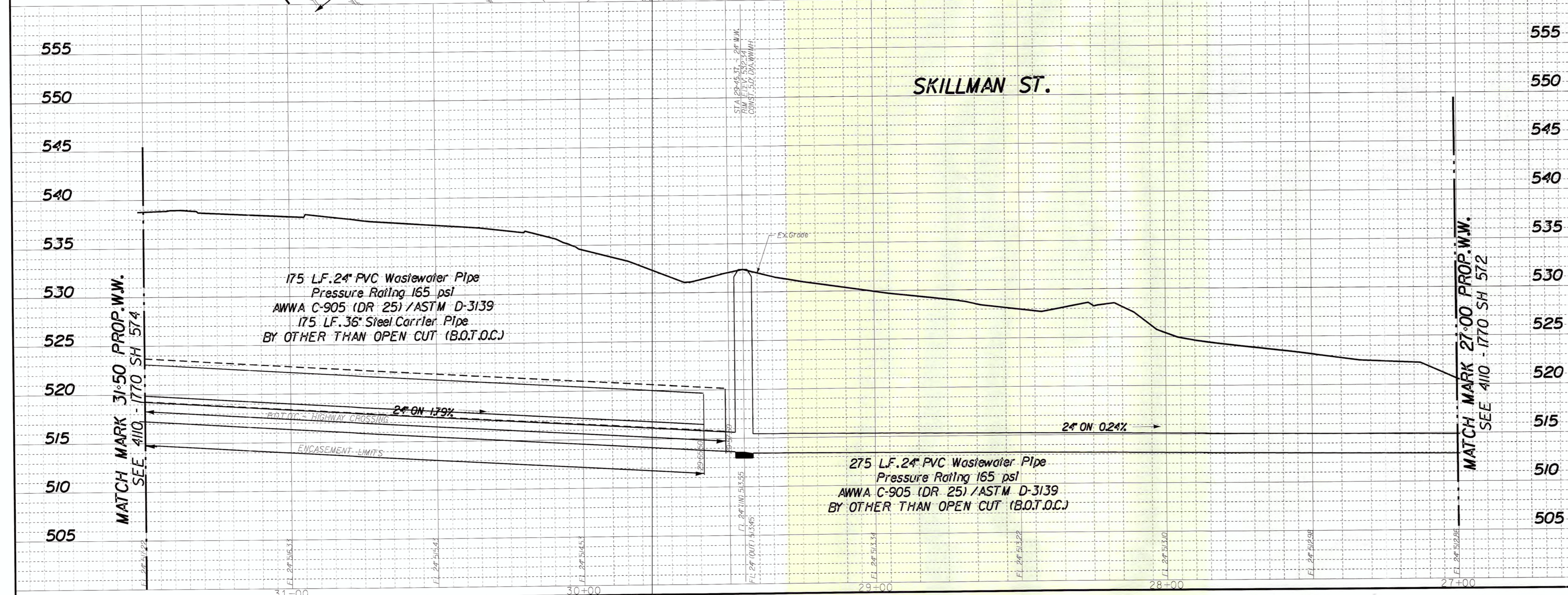
**CONTRACT NO. 16-155/156**      **PID: 4923**

**PROPOSED 24" WASTEWATER**  
**SKILLMAN STREET**  
**FROM SOUTHWESTERN BLVD TO**  
**LARAMANDA DR.**  
**DALLAS WATER UTILITIES**  
**CITY OF DALLAS, TEXAS**

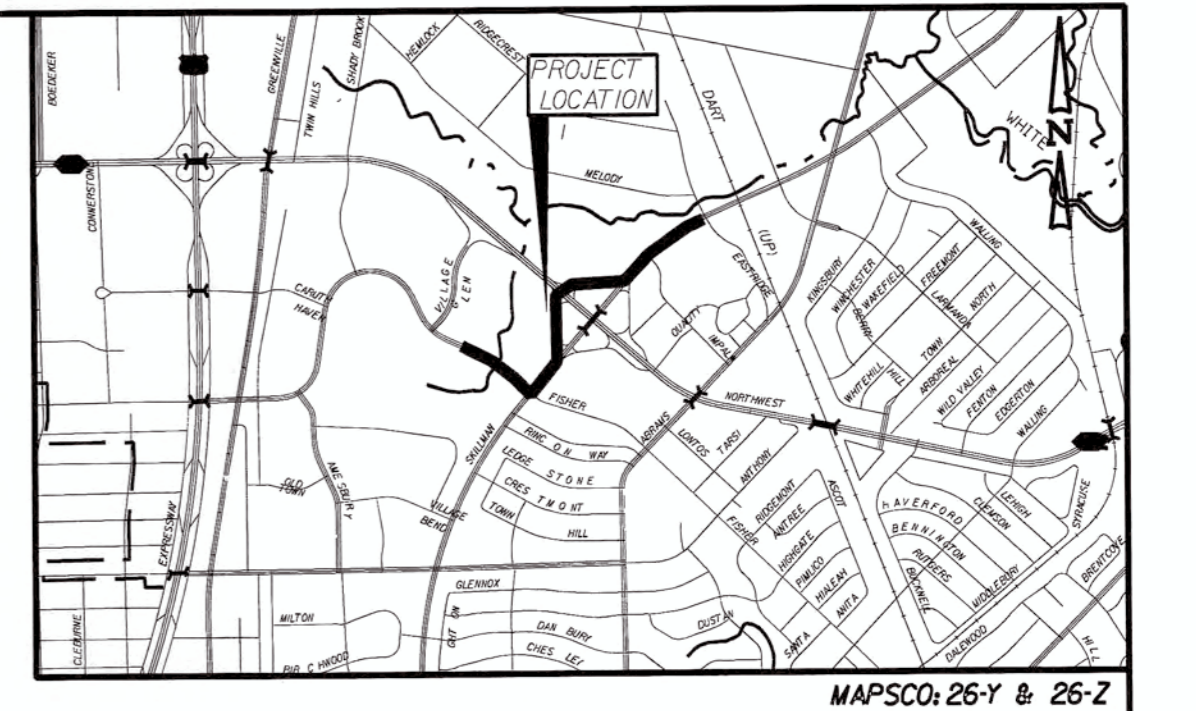
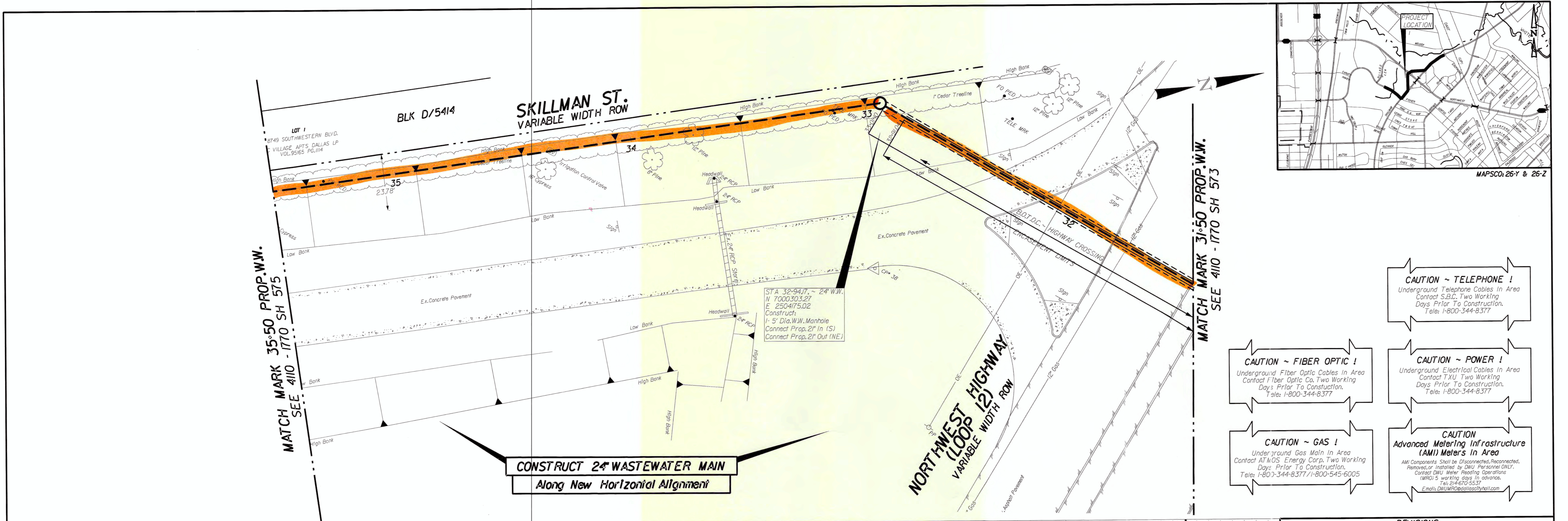
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	OCT 2016	410	1770	572



- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&MOS Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005
- CAUTION**  
Advanced Metering Infrastructure (AMI) Meters In Area  
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DWU Personnel ONLY.  
Contact DWU Meter Reading Operations  
MRO's working days in advance.  
Tel: 214-673-5537  
Email: DWUMRO@cityofdallas.gov



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
<p><b>BENCHMARK</b> BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300</p> <p>BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304</p>			
<p>GP 27+00 ~ 27+00' SET IN CONCRETE PAD AT INTERSECTION OF HIGHWAY 27 AND TXU, 20' 486 FEET EAST OF TOWER 27+00' (SEE 4110 - 1770 SH 572)</p> <p style="text-align: right;">BDS Technologies, Inc. OF TEXAS Texas Registered Engineering Firm F-4025</p>			
<p><b>REFERENCES</b></p> <p><b>WATER</b> 43W-28, 44W-28, &amp; 44W-29</p> <p><b>WASTEWATER</b> 43S-28, 44S-28, &amp; 44S-29</p>			
<b>BDS</b> Technologies, Inc.		CONTRACT NO. 16-155/156	
DESIGN		PID: 4923	
<b>PROPOSED 24" WASTEWATER</b>			
<b>SKILLMAN STREET</b>			
<b>FROM SOUTHWESTERN BLVD TO</b>			
<b>LARMANDA DR.</b>			
<b>DALLAS WATER UTILITIES</b>			
<b>CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	4110 1770 573



MAPSCO: 26-Y & 26-Z

MATCH MARK 35+50 PROP. W.W.  
SEE 410 - 1770 SH 575

MATCH MARK 31+50 PROP. W.W.  
SEE 410 - 1770 SH 573

**CONSTRUCT 24" WASTEWATER MAIN**  
Along New Horizontal Alignment

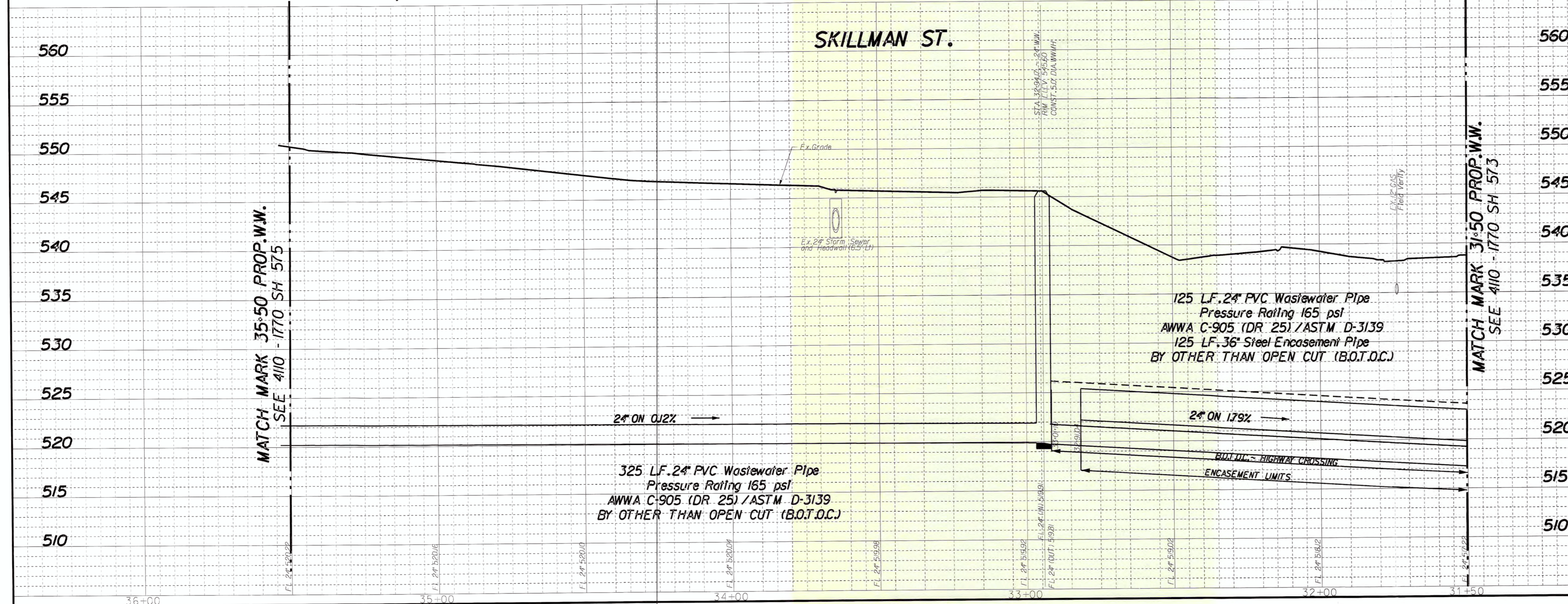
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

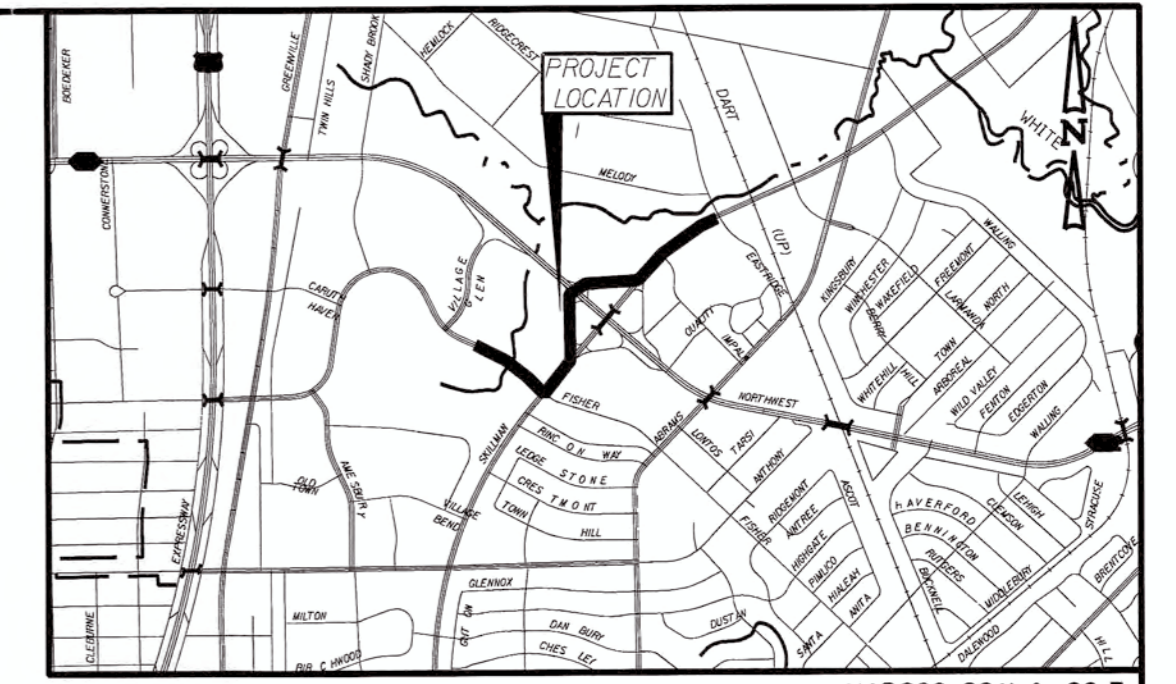
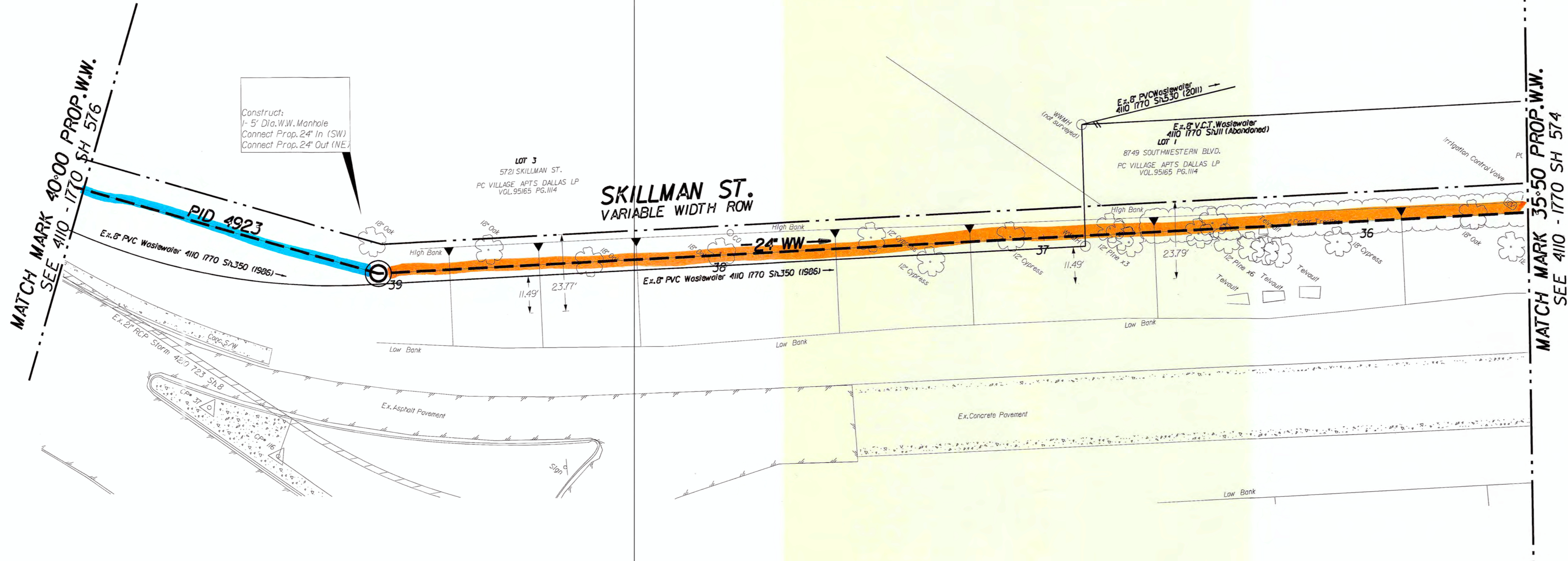
**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&S Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377/1-800-545-6005

**CAUTION**  
Advanced Metering Infrastructure (AMI) Meters In Area  
AMI Customers Shall be Disconnected, Reconnected, Removed, or Installed by DMU Personnel ONLY.  
Contact DMU Meter Reading Operations  
MRO's working days in advance.  
Tel: 214-670-5537  
Email: DMU@irepsolutionsbyhell.com



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
<b>BENCHMARK</b>			
BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300			
BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304			
CP 38: "X" CUT SET IN CONCRETE AT THE EAST SIDE OF THE SOUTH BOUND EXIT RAMP TO SKILLMAN ST. - 1/56 FEET NORTH OF A 24 FOOT RCP HEADWALL. ELEV. 539.906 FT.			
Horizontal Scale: 1" = 20' 			
Vertical Scale: 1" = 6' 			
<b>REFERENCES</b>			
<b>WATER</b>			
43W-28, 44W-28, & 44W-29			
<b>WASTEWATER</b>			
43S-28, 44S-28, & 44S-29			
<b>BDS Technologies, Inc.</b>			
Texas Registered Engineering Firm F-4025			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER</b>			
<b>SKILLMAN STREET</b>			
<b>FROM SOUTHWESTERN BLVD TO</b>			
<b>LARMANDA DR.</b>			
<b>DALLAS WATER UTILITIES</b>			
<b>CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	410 1770 574

**CONSTRUCT 24" WASTEWATER MAIN  
Along New Horizontal Alignment**



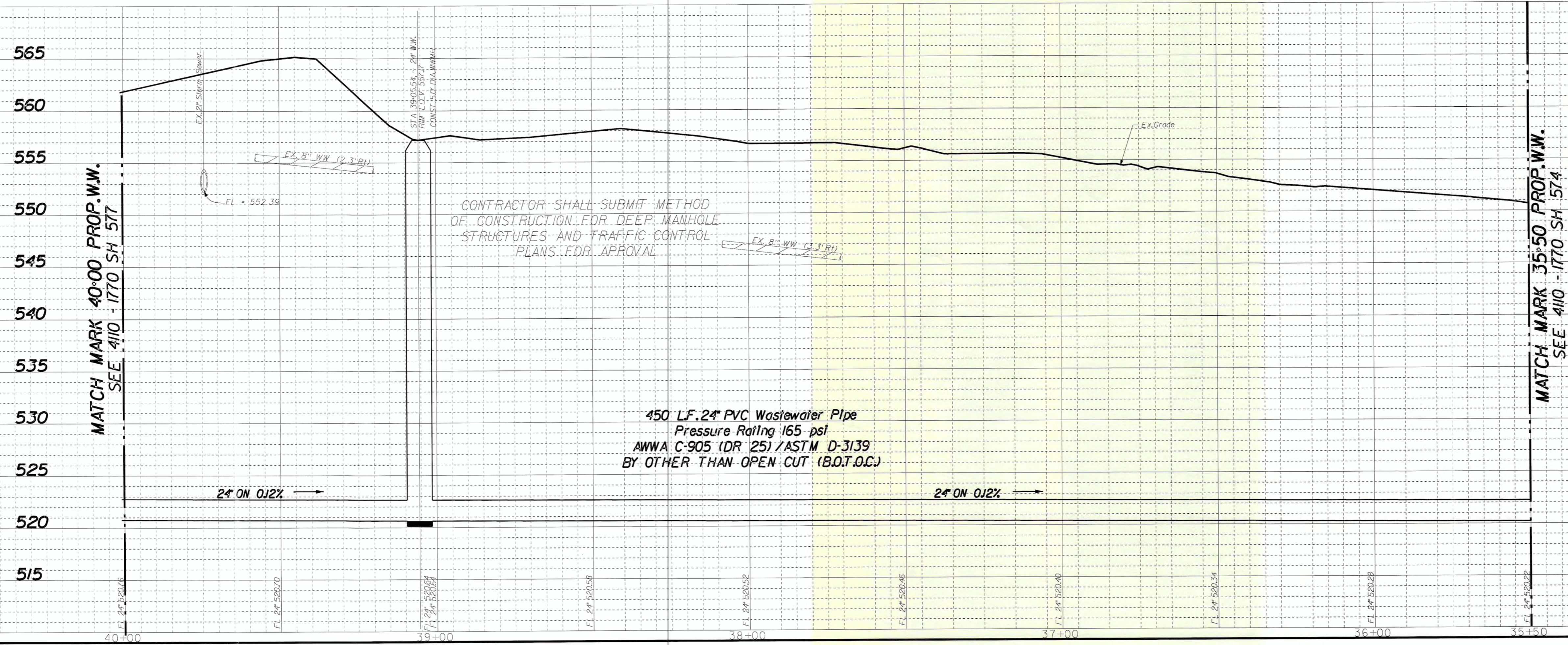
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

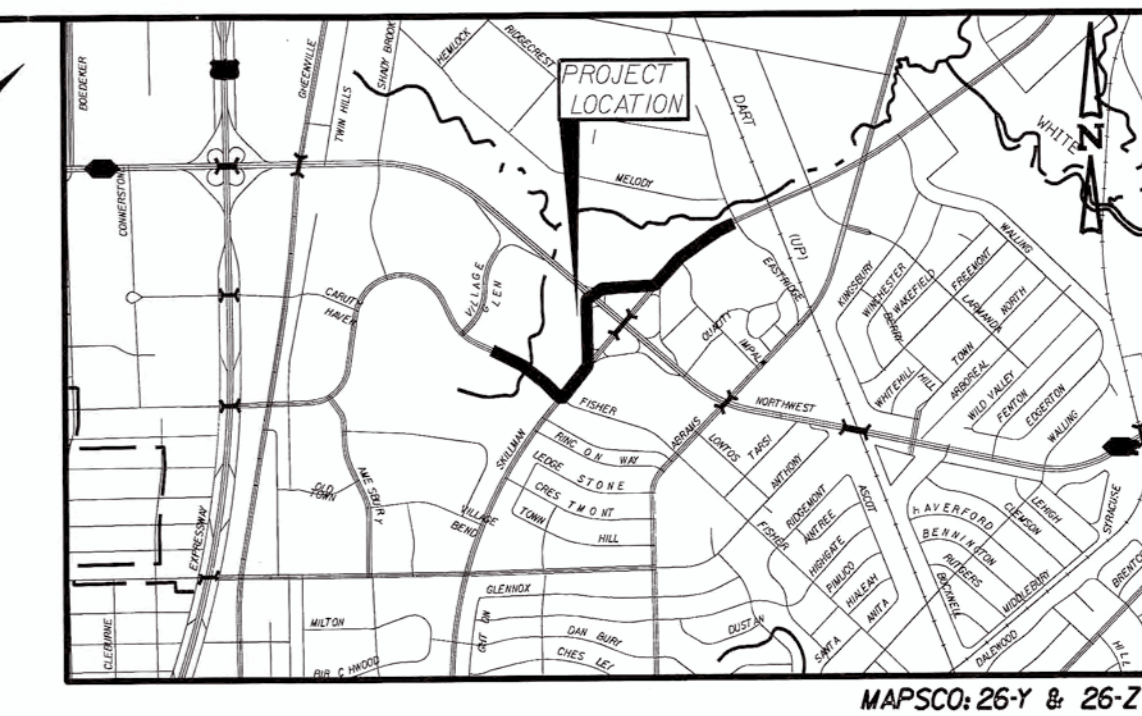
**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&S Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION  
Advanced Metering Infrastructure  
(AMI) Meters In Area**  
AMI Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations  
1800's working days in advance.  
Tel: 214-670-5537  
Email: DNUAMI@optonline.net



REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
565			
560		<b>BENCHMARK</b> BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
555		BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304	
550		CP 37: "X" CUT SET IN CONCRETE AT THE SOUTH PART OF A TRIANGULAR MEDIAN ALONG SKILLMAN ST. ~ 590 FT NORTHEAST THE CENTER OF SOUTHWESTERN BLVD. Elev. 554.964 FT.	
545			
540			
535			
530			
Horizontal Scale: 1" = 20'			
Vertical Scale: 1" = 6'			
<b>REFERENCES</b>			
<b>WATER</b> 43W-28, 44W-28, & 44W-29			
<b>WASTEWATER</b> 43S-28, 44S-28, & 44S-29			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARAMANDA DR.</b>			
<b>DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE
BDS	BDS	OCT 2016	410
			NUMBER
			1770
			SHEET
			575



**CONSTRUCT 24" WASTEWATER MAIN**  
Along New Horizontal Alignment

BLK D/5414

**SKILLMAN ST.**  
VARIABLE WIDTH ROW

MATCH MARK 44+50 PROP.W.W.  
SEE 410 - 1770 SH 577

MATCH MARK 40+00 PROP.W.W.  
SEE 410 - 1770 SH 575

W.W. CURVE DATA  
Δ = 335°30'  
R = 7000'  
T = 219.47'  
L = 438.75'

STA 41+26.22 ~ 24" W.W.  
Δ = 16°49'48" RT.  
N 6999499.69  
E 2504072.43  
Construct:  
1-5" Dia. W.W. Manhole  
Connect Prop. 24" In (N)  
Connect Prop. 24" Out (SW)

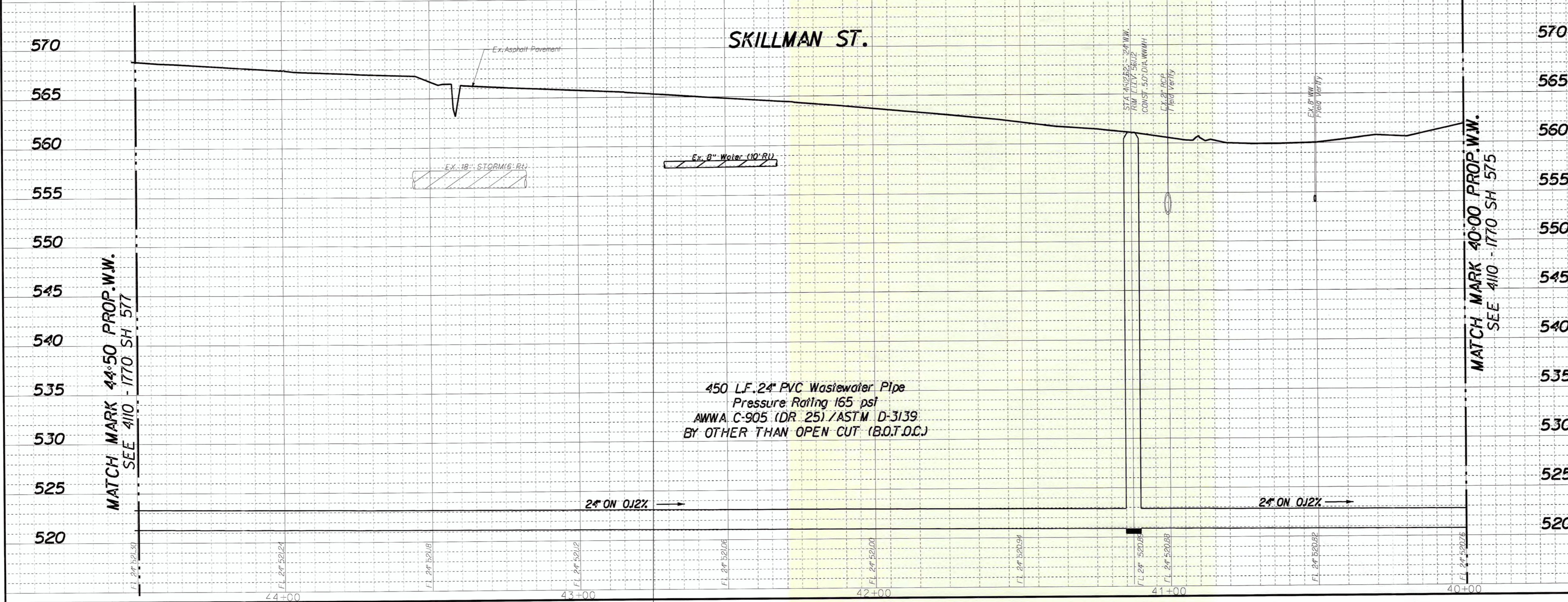
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Tiber Optic Co. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&OS Energy Corp. Two Working  
Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION**  
Advanced Metering Infrastructure  
(AMI) Meters In Area  
All Components Shall be Disconnected, Reconnected,  
Removed, or Installed by DWU Personnel ONLY.  
Contact DWU Meter Reading Operations  
4800 S. working st. in advance.  
Tel: 214-670-5537  
Email: DWU.MIR@cityofdallas.com

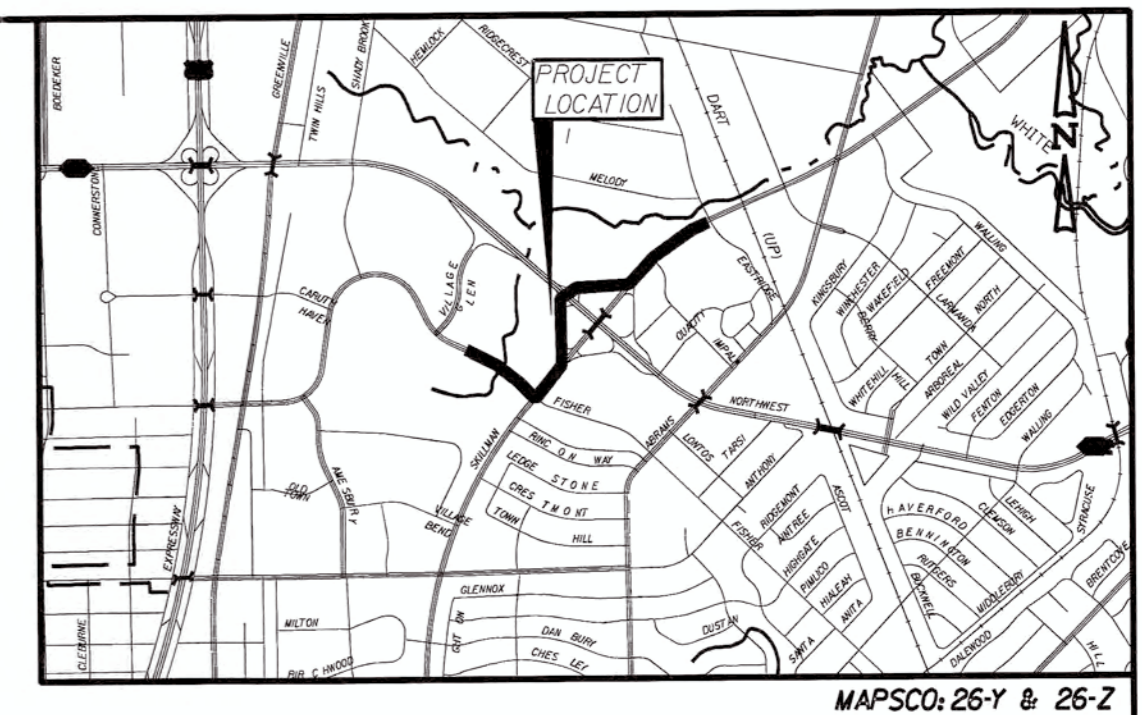
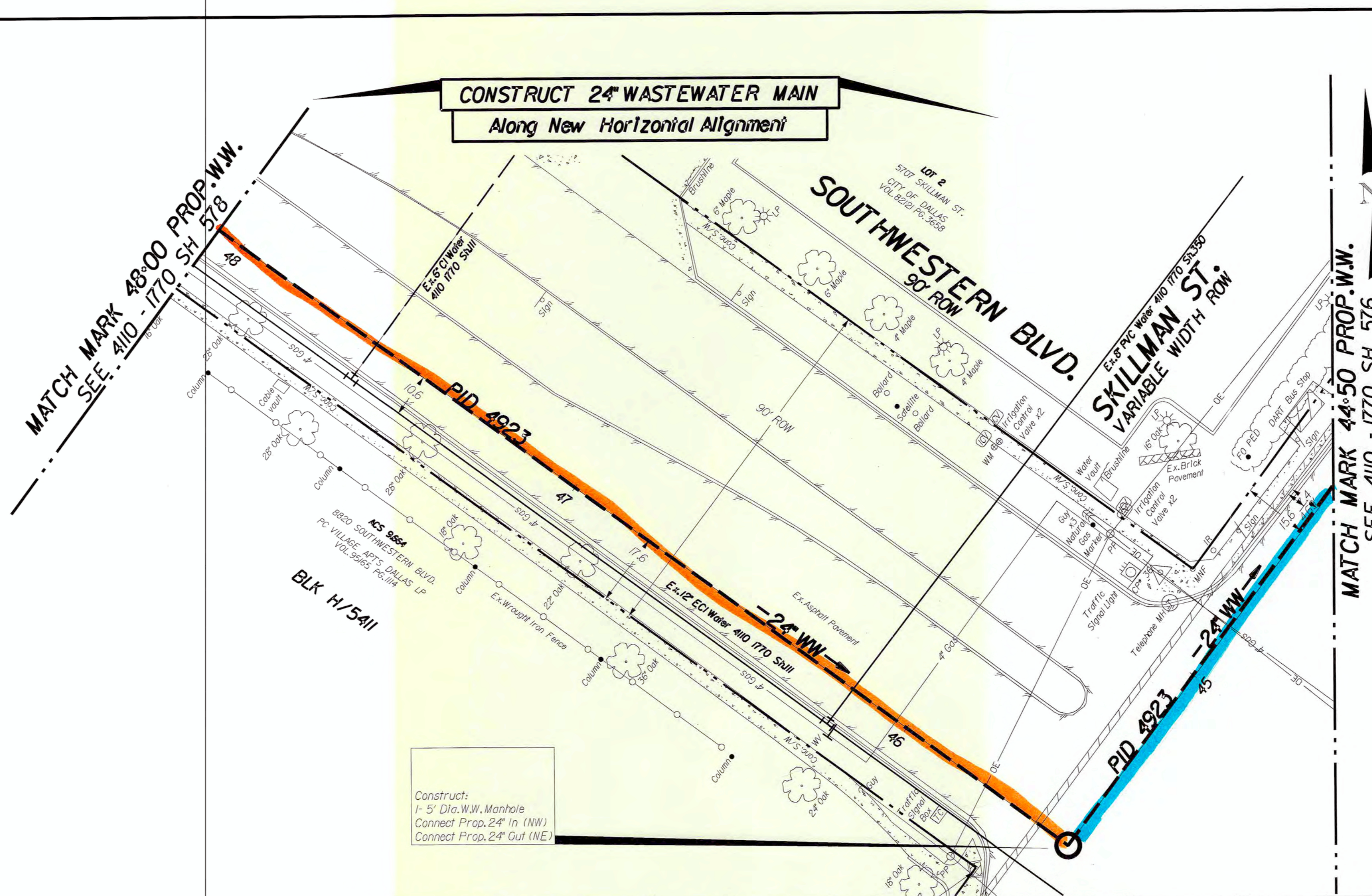


REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
BENCHMARKS & CONTROL POINTS			
570			
565		BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
560		BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.5 mile East of Village Glen Drive. Elev. 541.5304	
555		CP 115: 'X' CUT FOUND IN CONCRETE WALK ON THE EAST SIDE OF SKILLMAN ST. - 422 FEET NORTH OF THE CENTER OF SOUTHWESTERN BLVD. ELEV. 561.223 FT.	
550			
545			
540			
535			
530			
525			
520			

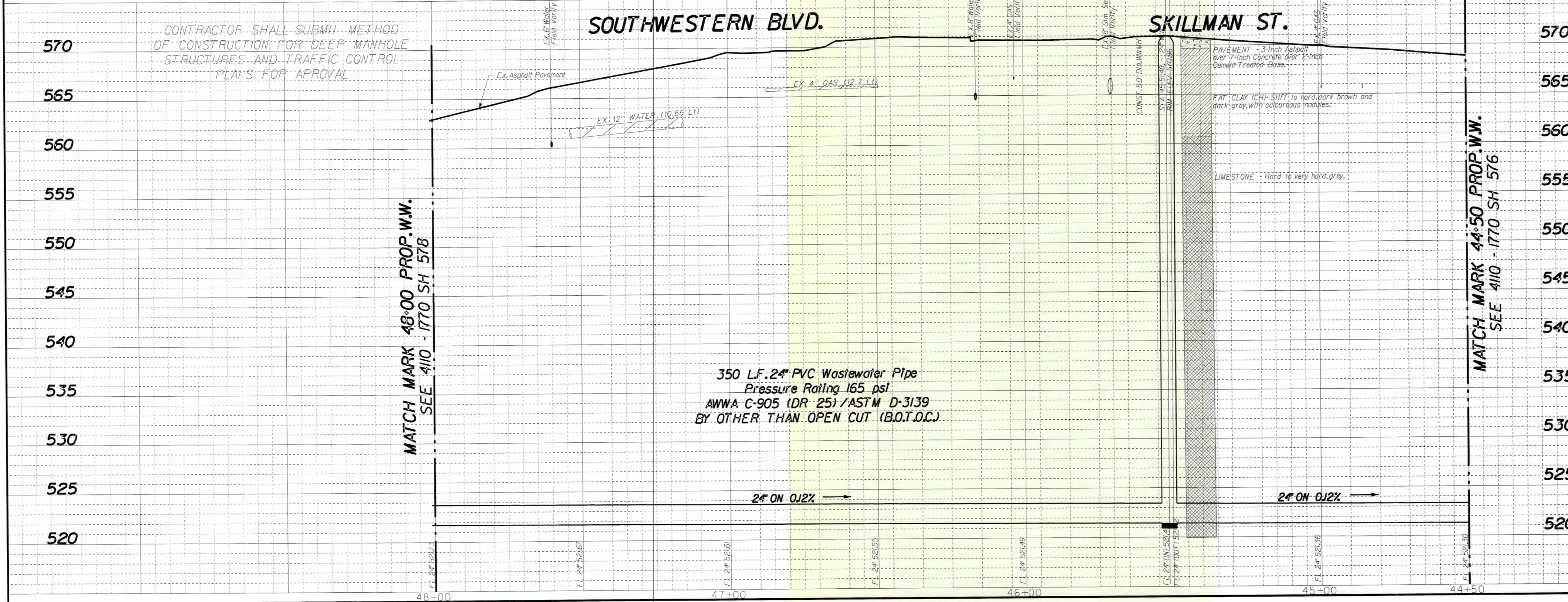
Horizontal Scale: 1" = 20'					
Vertical Scale: 1" = 6'					
REFERENCES					
WATER	43W-28, 44W-28, & 44W-29				
WASTEWATER	43S-28, 44S-28, & 44S-29				
<b>BDS Technologies, Inc.</b>					
CONTRACT NO. 16-155/156      PID: 4923					
<b>PROPOSED 24" WASTEWATER</b>					
<b>SKILLMAN STREET</b>					
<b>FROM SOUTHWESTERN BLVD TO</b>					
<b>LARMANDA DR.</b>					
<b>DALLAS WATER UTILITIES</b>					
<b>CITY OF DALLAS, TEXAS</b>					
DESIGN	DRAWN	DATE	FILE	NUMBER	SHEET
BDS	BDS	OCT 2016	410	1770	576



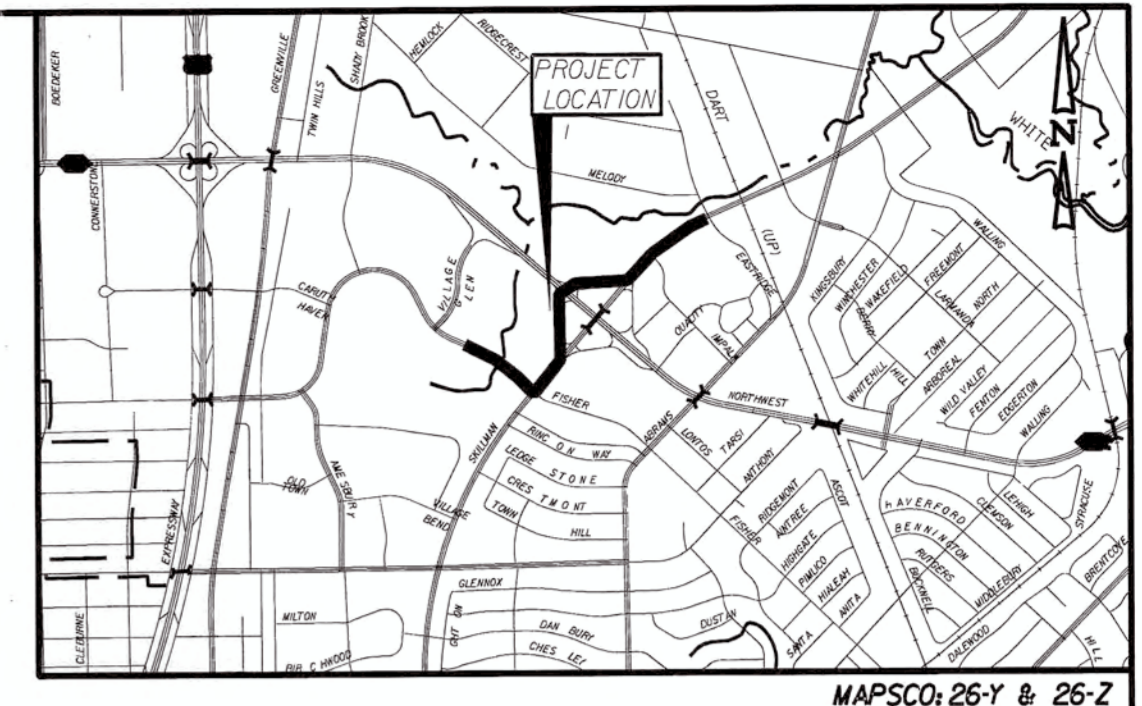
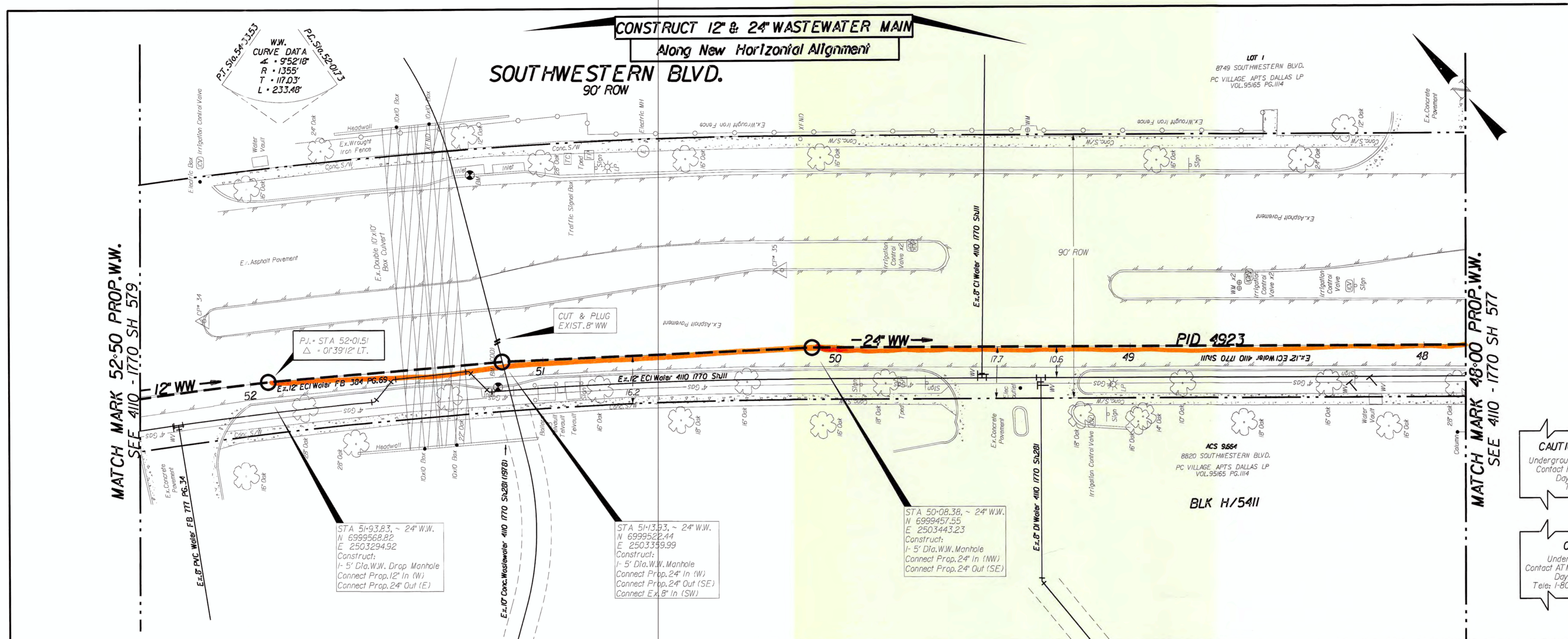


- CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377
- CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&T Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005
- CAUTION ~ ADVANCED METERING INFRASTRUCTURE (AMI) METERS IN AREA**  
AMI Components Shall be Disconnected, Reconnected, Removed, or Installed by DNU Personnel ONLY.  
Contact DNU Meter Reading Operations  
1000 S. working days in advance.  
Tel: 214-670-5537  
Email: DNU.MR@scpsc.state.tx.us

Construct:  
1-5' Dia. W.W. Manhole  
Connect Prop. 24" In (NW)  
Connect Prop. 24" Out (NE)



REVISIONS			
REV. NO.	DATE	DESCRIPTION	BY
<b>BENCHMARKS &amp; CONTROL POINTS</b>			
<b>BENCHMARK</b>			
565		BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
560		BM 2: STD. WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304	
555		CP 36: "X" CUT SET IN CONCRETE WALK AT THE NORTHWEST CORNER OF SKILLMAN ST. AND SOUTHWESTERN BLVD. Elev. 570.096 FT.	
Horizontal Scale: 1" = 20'			
Vertical Scale: 1" = 6'			
<b>REFERENCES</b>			
<b>WATER</b>			
43W-28, 44W-28, & 44W-29			
<b>WASTEWATER</b>			
43S-28, 44S-28, & 44S-29			
<b>BDS Technologies, Inc.</b>			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER</b>			
<b>SKILLMAN STREET</b>			
<b>FROM SOUTHWESTERN BLVD TO</b>			
<b>LARMANDA DR.</b>			
<b>DALLAS WATER UTILITIES</b>			
<b>CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE
BDS	BDS	OCT 2016	4110
			NUMBER
			1770
			SHEET
			577



MATCH MARK 52-50 PROP.W.W.  
SEE 410-1770 SH 579

MATCH MARK 48-00 PROP.W.W.  
SEE 410-1770 SH 577

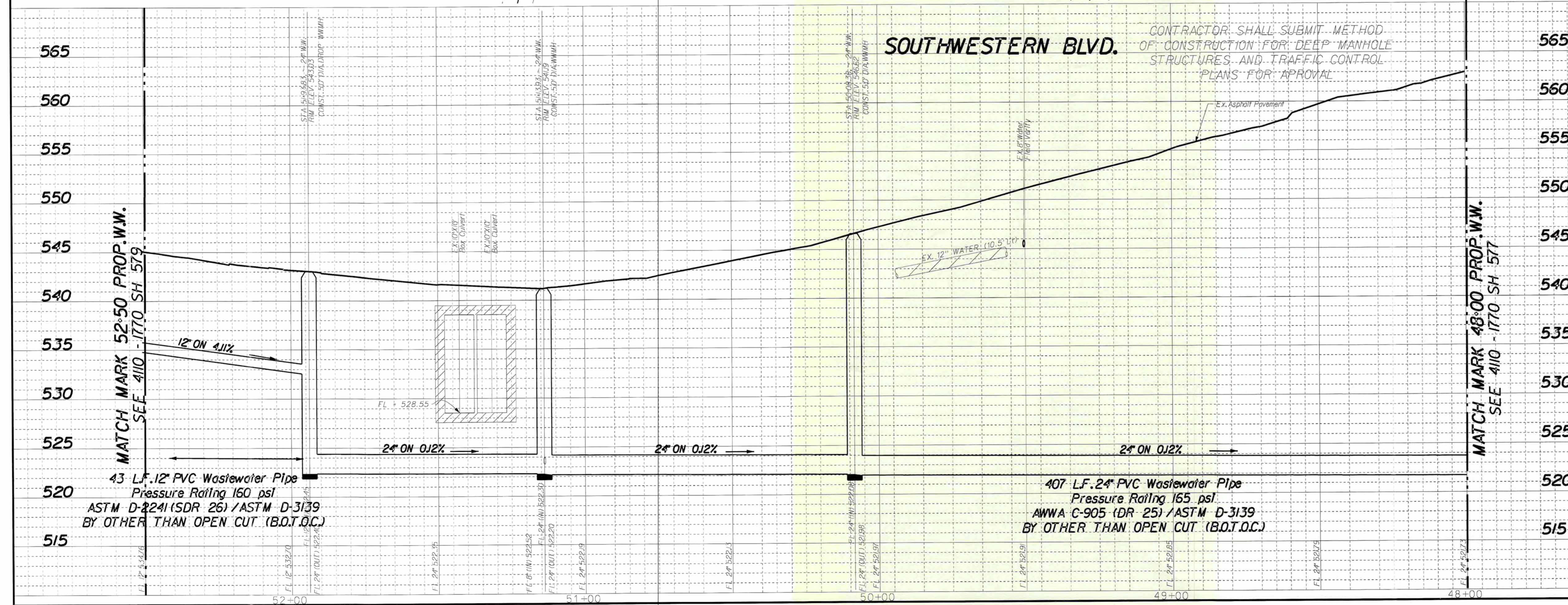
**CAUTION ~ TELEPHONE !**  
Underground Telephone Cables In Area  
Contact S.B.C. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ FIBER OPTIC !**  
Underground Fiber Optic Cables In Area  
Contact Fiber Optic Co. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ POWER !**  
Underground Electrical Cables In Area  
Contact TXU Two Working Days Prior To Construction.  
Tele: 1-800-344-8377

**CAUTION ~ GAS !**  
Underground Gas Main In Area  
Contact AT&S Energy Corp. Two Working Days Prior To Construction.  
Tele: 1-800-344-8377 / 1-800-545-6005

**CAUTION**  
**Advanced Metering Infrastructure (AMI) Meters In Area**  
All Components Shall be Disconnected, Reconnected, Replaced or Installed by DWU Personnel ONLY.  
Contact DWU Meter Reading Operations (MRO)'s working days in advance.  
Tel: 214-670-5537  
Email: DWUMRO@concityhall.com



MATCH MARK 52-50 PROP.W.W.  
SEE 410-1770 SH 579

MATCH MARK 48-00 PROP.W.W.  
SEE 410-1770 SH 577

**SOUTHWESTERN BLVD.**

CONTRACTOR SHALL SUBMIT METHOD OF CONSTRUCTION FOR DEEP MANHOLE STRUCTURES AND TRAFFIC CONTROL PLANS FOR APPROVAL.

REVISIONS			
REV NO.	DATE	DESCRIPTION	BY
BENCHMARKS & CONTROL POINTS			
565		BENCHMARK BM 1: Square on top of curb center of Storm Sewer Inlet on the West side of Shady Brook Lane and 100' South of Northwest Highway. Elev. 575.6300	
555		BM 2: STD.WDBM on Storm Sewer Inlet on the North side of Southwestern Boulevard and 0.15 mile East of Village Glen Drive. Elev. 541.5304	
550		CP 37: 'X' CUT SET IN CONCRETE AT THE SOUTH PART OF A TRIANGULAR MEDIAN ALONG SKILLMAN ST. /- 590 FT NORTHEAST THE CENTER OF SOUTHWESTERN BLVD. Elev. 554.964 FT.	
Horizontal Scale: 1" = 20'			
Vertical Scale: 1" = 6'			
REFERENCES		BDS Technologies, Inc. Texas Registered Engineering Firm F-4025	
WATER		43W-28, 44W-28, & 44W-29	
WASTEWATER		43S-28, 44S-28, & 44S-29	
<b>BDS Technologies, Inc.</b>			
CONTRACT NO. 16-155/156		PID: 4923	
<b>PROPOSED 24" WASTEWATER SKILLMAN STREET FROM SOUTHWESTERN BLVD TO LARMANDA DR.</b>			
<b>DALLAS WATER UTILITIES CITY OF DALLAS, TEXAS</b>			
DESIGN	DRAWN	DATE	FILE NUMBER SHEET
BDS	BDS	OCT 2016	410 1770 578