AGENDA ITEM
A12

AGENDA PLACEMENT FORM

(Submission Deadline – Monday, 5:00 PM before Regular Court Meetings)

Date: July 16, 2026

Meeting Date: July 27, 2026

Submitted By: Julie Edmiston

Department: Development Services

Signature of Elected Official/Department Head:

Court Decision:
This section to be completed by County Judge's Office

Johnson County ★ APPROVED ★ Commissioners Court
07/27/2026

Description:

Consider Approving an Agreement titled "Participation For County Road Expansion" between Johnson County and Lennar Homes of Texas Land & Construction, LTD. (for Wright Farms /Frontier) to Contract for the Construction of Certain Westbound Road Improvements such as Widening Existing County Road 904 for Approximately .5 Miles Adjacent to the Wright Farms /Frontier Phases 1A and 1B Development, Installing a Storm Drain System, and Replacing Signage on County Road 904 with a Cost of Materials and Labor Valued at $1,914,597.75, Located in Precinct 1.

(May attach additional sheets if necessary)

Person to Present: Jennifer VanderLaan

(Presenter must be present for the item unless the item is on the Consent Agenda)

Supporting Documentation: (check one) ☐ PUBLIC ☐ CONFIDENTIAL

(PUBLIC documentation may be made available to the public prior to the Meeting)

Estimated Length of Presentation: _____ minutes

Session Requested: (check one)

☑ Action Item ☐ Consent ☐ Workshop ☐ Executive ☐ Other _____

Check All Departments That Have Been Notified:

☐ County Attorney ☐ IT ☐ Purchasing ☐ Auditor

☐ Personnel ☑ Development Services ☐ Facilities Management

Other Department/Official (list) Engineering

Please List All External Persons Who Need a Copy of Signed Documents In Your Submission Email

PARTICIPATION FOR COUNTY ROAD EXPANSION

KNOW ALL MEN BY THESE PRESENTS:

Comes now Lennar Homes of Texas Land & Construction, LTD., hereafter known as "Participant" and Johnson County, Texas, hereafter known as "Johnson County".

Whereas Participant is extensively utilizing the roads of Johnson County, Texas for the economic benefit of Participant; and

Whereas Participant is developing property in Johnson County Texas that requires certain road characteristics including widening existing Westbound County Road 904 for approximately .5 miles adjacent to the Wright Farms/Frontier Phases 1A and 1B Development, installing a storm drain system, and replacing signage on County Road 904 in Johnson County, Texas; and

Whereas Johnson County is a political subdivision of the State of Texas which maintains certain roads within Johnson County; and

Whereas Johnson County has limited resources for the expansion and improvements of such roads; and

Whereas Johnson County is authorized to act and does act as shown by signature below, by and through the Commissioners Court of Johnson County, pursuant to V.T.C. A., Local Government Code Section 81.032 and V.T.C.A., Transportation Code Section 252.214 to accept the materials and labor provided by way of Lennar Homes of Texas Land & Construction, LTD., contracting for the construction of certain road improvements such as widening existing Westbound County Road 904 for approximately .5 miles adjacent to the Wright Farms/Frontier Phases 1A and 1B Development, installing a storm drain system, and replacing signage on County Road 904 in Johnson County, Texas.

THEREFORE:

Lennar Homes of Texas Land & Construction, LTD. will contract with a Construction Company approved by the Commissioner of Precinct No. 1, Rick Bailey, to widen existing Westbound County Road 904 for approximately .5 miles adjacent to the Wright Farms/Frontier Phases 1A and 1B Development, installing a storm drain system, and replacing signage on County Road 904 in Precinct Number 1 of Johnson County, Texas as shown in the attached Exhibit A.

The above-described action, subsequent to being offered, is subject to acceptance and approval by the Commissioners Court of Johnson County in an open session of the Commissioners Court of Johnson County.

Participant, by executing this Participation for County Road Expansion agrees and understands that this document contains all terms of the transfer of construction services and materials or payment of funds to a Construction Company for the purpose of building turn lanes as described.

Participant understands this is a memorialization of Participants action to provide for the expansion and improvement of a portion of a County Road and this is not a contract.

Lennar Homes of Texas Land & Construction, LTD.

Jennifer Eller
Printed Name of Participant's Authorized Agent

Jennifer Eller
Signature of Participant
or Participant's Authorized Agent Date: 7-17-26

Approved and Accepted by:
Commissioners Court Date: 7-27-26

Christopher Boedeker, Johnson County Judge
Voted: ✓ yes, ___ no, ____ abstained

Rick Bailey, Comm. Pct. #1
Voted: ✓ yes, ___ no, ___ abstained

Kenny Howell, Comm. Pct. #2
Voted: ✓ yes, ___ no, ___ abstained

Mike White, Comm. Pct. #3
Voted: ✓ yes, ____ no, ___ abstained

Larry Woolley, Comm. Pct. #4
Voted: ✓ yes, ___ no, ___ abstained

ATTEST: April Long
April Long, County Clerk

COMMISSIONERS COURT JOHNSON COUNTY, TEXAS

County Road 904 Westbound - Paving				
PAVING IMPROVEMENTS				
Description	**Unit of Measure**	**Quantity**	**Unit Price**	**Total Amount**
Demo Existing Yellow Raised Pavement Markers	LF	2,405.0	$ 3.00	$ 7,215.00
Demo Existing White Raised Pavement Markers	LF	402.0	$ 3.00	$ 1,206.00
Relocate Existing Sign	EA	2.0	$ 600.00	$ 1,200.00
Relocate Existing Mailbox	EA	4.0	$ 1,200.00	$ 4,800.00
8-Inch Thick Reinforced 3,600 psi Concrete Street Pavement w/ 6-Inch Standard Curb	SY	8,536.0	$ 74.00	$ 631,664.00
8-Inch Thick Reinforced 3,600 psi Concrete Street Pavement w/ No Curb	SY	1,140.0	$ 74.00	$ 84,360.00
10-Inch Lime-Stabilized Subgrade (Under concrete)	SY	10,259.0	$ 5.25	$ 53,859.75
Connect Proposed Concrete to Existing Asphalt Road	EA	1.0	$ 5,300.00	$ 5,300.00
3.5-Inch Thick Type "D" HMAC (surface)	SY	285.0	$ 84.00	$ 23,940.00
12-Inch Thick Flexible Base, Type A, GR-1-2	SY	305.0	$ 65.00	$ 19,825.00
10-Inch Lime-Stabilized Subgrade (Under Asphalt)	SY	305.0	$ 7.00	$ 2,135.00
Lime (45 lb/SY)	TN	237.7	$ 370.00	$ 87,949.00
6-Inch Thick Reinforced 3,600 psi Concrete Driveway	SY	424.0	$ 120.00	$ 50,880.00
Install 6" Curb onto Existing Concrete Pavement	LF	258.0	$ 29.00	$ 7,482.00
Double Yellow Raised Pavement Markers	LF	260.0	$ 4.00	$ 1,040.00
Single Yellow Raised Pavement Markers	LF	748.0	$ 1.50	$ 1,122.00
Single White Raised Pavement Markers	LF	237.0	$ 1.50	$ 355.50
Flexible Post Delineators	LF	225.0	$ 17.00	$ 3,825.00
6" White Broken Lane Lines	LF	3,666.0	$ 2.50	$ 9,165.00
8" Solid White Line	LF	750.0	$ 3.50	$ 2,625.00
8" Dotted White Line	LF	150.0	$ 3.50	$ 525.00
6" Solid White Line	LF	237.0	$ 2.50	$ 592.50
Street Sign Pole	EA	9.0	$ 250.00	$ 2,250.00
R2-1 Sign (40 MPH)	EA	4.0	$ 100.00	$ 400.00
R4-7 Sign	EA	1.0	$ 100.00	$ 100.00
W9-2TL (R) Sign	EA	2.0	$ 100.00	$ 200.00
W13-1P Sign (30 MPH)	EA	1.0	$ 70.00	$ 70.00
W9-1R Sign	EA	2.0	$ 100.00	$ 200.00
W3-5 Sign	EA	2.0	$ 100.00	$ 200.00
Left White Turn Arrow Pavement Marking	EA	6.0	$ 300.00	$ 1,800.00
Word "Only" Pavement Marking	EA	6.0	$ 325.00	$ 1,950.00
24" White Stop Bar	EA	1.0	$ 225.00	$ 225.00
Install Header Curb and Type III Barricade	EA	2.0	$ 2,000.00	$ 4,000.00
Traffic Control - Produce a Traffic Control Plan along guidelines laid out in plans and maintain plan throughout construction, including signs, barricades, temporary pavement, flexbase, and other materials necessary to meet the guildlines in this plan set.	LS	1.0	$ 35,000.00	$ 35,000.00
Asphalt transition to Connect to Existing Asphalt Road	SY	49.0	$ 85.00	$ 4,165.00
Demo & Dispose of 8" Thick Flex Base Driveways & Temporary CMP	EA	9.0	$ 1,700.00	$ 15,300.00
ALTERNATE ITEMS				
Mobilization for Rough Grading	LS	1.0	$ 5,000.00	$ 5,000.00
Site/Right of Way Prep	AC	3.6	$ 8,500.00	$ 30,600.00
Excavation	CY	5,146.0	$ 10.00	$ 51,460.00
Demo Existing Asphalt Pavement	SY	331.0	$ 10.00	$ 3,310.00
Demo Existing Concrete Driveway	SY	135.0	$ 21.00	$ 2,835.00
Demo Existing Gravel Driveway	SY	1,369.0	$ 7.00	$ 9,583.00
Demo Existing Driveway Culvert	EA	10.0	$ 400.00	$ 4,000.00
15" Temporary CMP	LF	29.0	$ 45.00	$ 1,305.00
21" Temporary CMP	LF	465.0	$ 60.00	$ 27,900.00
24" Temporary CMP	LF	89.0	$ 75.00	$ 6,675.00
Temporary Driveway (8" Thick Flex Base)	SY	872.0	$ 27.00	$ 23,544.00
			PAVING IMPROVEMENTS TOTAL:	**$ 1,233,137.75**

PAPE-DAWSON

TO: Colt M. Friedrich, P.E.
County Engineer
Johnson County, TX

RE: Frontier - CR 904 Westbound
Memorandum of Donation
Description of Work

DATE: June 2, 2026

Project Description

The proposed improvements to County Road 904 Westbound are located west of Chisholm Trail Parkway. The project consists of constructing the northern two lanes of the ultimate four-lane divided minor arterial roadway adjacent to the Frontier Phases 1A and 1B development. Major proposed improvements include approximately 9,700 square yards of concrete pavement, 2,200 linear feet of storm drain, and 1,100 linear feet of 6-foot-wide concrete flume.

The remaining improvements to CR 904 associated with the Frontier development are anticipated to be completed with future development. The southern two lanes adjacent to Frontier Phase 6 are expected to be constructed in conjunction with development of the that phase. The segment adjacent to the multifamily tract is anticipated to be constructed with the development of that tract and is expected to include construction of the ultimate four-lane roadway.

Sincerely,

AJ Roscoe, P.E.
Project Manager

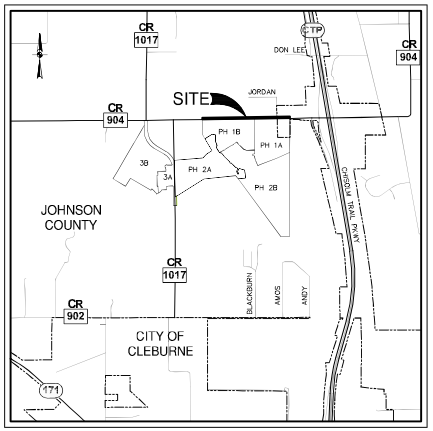
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			PAVING IMPROVEMENTS TOTAL:	**$1,233,137.75**

County Road 904 Westbound - Utilities				
DRAINAGE IMPROVEMENTS				
Description	**Unit of Measure**	**Quantity**	**Unit Price**	**Total Amount**
Relocate Existing Water Meter	EA	1.0	$2,300.00	$2,300.00
Post-CCTV Inspection	LF	2,273.0	$3.00	$6,819.00
Trench Safety	LF	2,273.0	$2.00	$4,546.00
18" RCP, Class III, Rubber Gasketed	LF	17.0	$92.00	$1,564.00
21" RCP, Class III	LF	615.0	$86.00	$52,890.00
24" RCP, Class III	LF	15.0	$103.00	$1,545.00
24" RCP, Class IV	LF	343.0	$109.00	$37,387.00
27" RCP, Class III	LF	200.0	$125.00	$25,000.00
36" RCP, Class III	LF	732.0	$157.00	$114,924.00
4'X4' SBC, Class III, Rubber Gasketed	LF	334.0	$285.00	$95,190.00
6'X4' SBC, Class IV, Rubber Gasketed	LF	17.0	$427.00	$7,259.00
5' Storm Junction Box	EA	1.0	$6,400.00	$6,400.00
5' Storm Junction Box on Existing Line	EA	1.0	$6,400.00	$6,400.00
6' Storm Junction Box	EA	1.0	$9,600.00	$9,600.00
8' Storm Junction Box	EA	1.0	$17,400.00	$17,400.00
10' Recessed Curb Inlet	EA	3.0	$7,300.00	$21,900.00
10' Recessed Dual Inlet	EA	1.0	$12,000.00	$12,000.00
15' Recessed Curb Inlet	EA	4.0	$9,200.00	$36,800.00
5" Thick Concrete Apron w/ #4 Bars 18" O.C.	SY	78.0	$143.00	$11,154.00
5" Thick Concrete 6' Wide Flume 3000 psi w/ #4 Bars 18" O.C.	LF	1,106.0	$61.00	$67,466.00
5" Thick Concrete 6' Wide U-Channel (1' Deep) 3000 psi w/ #4 Bars 18" O.C.	LF	64.0	$156.00	$9,984.00
5" Thick Concrete 6' Wide U-Channel (1.5' Deep) 3000 psi w/ #4 Bars 18" O.C.	LF	108.0	$179.00	$19,332.00
Excavation of Drainage Channel	CY	2,005.0	$20.00	$40,100.00
1 Connect to Existing 6'x4' SBC	EA	1.0	$2,000.00	$2,000.00
PSET-SP Headwall (24" RCP, 4 pipe)	EA	2.0	$10,300.00	$20,600.00
SETB-PD Headwall (24" RCP, 3 pipe)	EA	1.0	$19,400.00	$19,400.00
CH-PW-S Headwall (24" RCP, 3 pipe, 45 DEG)	EA	1.0	$16,600.00	$16,600.00
CH-PW-0 Headwall (36" RCP, 1 pipe)	EA	1.0	$14,900.00	$14,900.00
			DRAINAGE IMPROVEMENTS TOTAL:	**$681,460.00**

ALL WORK TO BE IN ACCORDANCE WITH
GEOTECHNICAL REPORT:
UES PROFESSIONAL SOLUTIONS 44, LLC
5058 BRUSH CREEK ROAD
FORT WORTH, TEXAS 76119
UES PROJECT NO: W232725-2
JUNE 4, 2024
UES ADDENDUM NO: W232725-B
OCTOBER 3, 2024,
UES ADDENDUM NO: W232725-2-REV1
JANUARY 22, 2025

FRONTIER

COUNTY ROAD 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
CIVIL CONSTRUCTION PLANS



LOCATION MAP
NOT-TO-SCALE

PREPARED FOR:

LENNAR HOMES OF TEXAS, INC.
1231 GREENWAY DRIVE, SUITE 800
IRVING, TEXAS 75038

APRIL 2026

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MATTHEW T. GILBERTSON
130853
LICENSED PROFESSIONAL ENGINEER
4/2/2026

ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER

PAPE-DAWSON
8105 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.8494
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

CONTACT: AJ ROSCOE
AROSCOE@PAPE-DAWSON.COM

811 Know what's below. Call before you dig.

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INADVERTENTLY ALTERED. RELY ONLY ON FINAL HARDCOPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.

ISSUED FOR CONSTRUCTION SET

PD JOB NO. 70172-10 FRONTIER - COUNTY ROAD 904 IMPROVEMENTS - WESTBOUND

GENERAL NOTES

1. STANDARDS AND SPECIFICATIONS: ALL MATERIALS, CONSTRUCTION METHODS, WORKMANSHIP, EQUIPMENT, SERVICES AND TESTING FOR ALL PUBLIC IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE GOVERNING AUTHORITIES' ORDINANCES, REGULATIONS, REQUIREMENTS, STATUTES, SPECIFICATIONS AND DETAILS. LATEST PRINTING AND AMENDMENTS THERETO THE GOVERNING AUTHORITIES' PUBLIC WORKS AND WATER DEPARTMENT REQUIREMENTS, PLUMBING CODES, AND FIRE DEPARTMENT REGULATIONS SHALL TAKE PRECEDENT FOR ALL PRIVATE IMPROVEMENTS WHERE APPLICABLE. ALL OTHER PRIVATE CONSTRUCTION NOT REGULATED BY THE GOVERNING AUTHORITY SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS, LATEST PRINTING AND AMENDMENTS THERETO, EXCEPT AS MODIFIED BY THE PROJECT CONTRACT DOCUMENTS.
2. EXAMINATION OF PLANS: PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS AND SPECIFICATIONS PERTAINING TO THE WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
3. EXAMINATION OF SITE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR INVESTIGATING AND SATISFYING HIMSELF AS TO THE CONDITIONS AFFECTING THE WORK, INCLUDING BUT NOT RESTRICTED TO THE BEARING UPON TRANSPORTATION, DISPOSAL, HANDLING AND STORAGE OF MATERIALS, AVAILABILITY OF LABOR, WATER, ELECTRIC POWER, ROADS AND UNCERTAINTIES OF WEATHER OR SIMILAR PHYSICAL CONDITIONS AT THE SITE, CONDITIONS OF THE GROUND, AND THE EQUIPMENT AND FACILITIES NEEDED PRELIMINARY TO AND DURING THE PERFORMANCE OF THE WORK. FAILURE BY THE CONTRACTOR TO ACQUAINT HIMSELF WITH THE AVAILABLE INFORMATION WILL NOT RELIEVE HIM OF RESPONSIBILITY FOR ESTIMATING THE DIFFICULTY OR COST OF SUCCESSFULLY PERFORMING THE WORK.
4. SUBSURFACE INVESTIGATION: SUBSURFACE EXPLORATION TO ASCERTAIN THE NATURE OF SOILS HAS BEEN PERFORMED BY THE GEOTECHNICAL ENGINEER OF RECORD ON THE PROJECT. THE SUBSURFACE INFORMATION WILL BE MADE AVAILABLE FOR THE CONTRACTORS USE. THE ENGINEER DISCLAIMS ANY RESPONSIBILITY FOR THE ACCURACY, TRUE LOCATION, AND EXTENT OF THE SOILS INFORMATION PREPARED BY OTHERS.
5. TOPOGRAPHY SURVEY: TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THE PLANS IS PROVIDED FOR INFORMATIONAL PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE INFORMATION SHOWN IS CORRECT AND SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY ERRORS, DISCREPANCIES, OR OMISSIONS TO THE SURVEY INFORMATION PROVIDED.
6. COMPLIANCE WITH LAWS: THE CONTRACTOR SHALL FULLY COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS. INCLUDING ALL CODES, ORDINANCES, AND REGULATIONS APPLICABLE TO THIS CONTRACT AND THE WORK TO BE DONE THEREUNDER WHICH EXIST OR MAY BE ENACTED LATER BY GOVERNMENTAL BODIES HAVING JURISDICTION OR AUTHORITY FOR SUCH ENACTMENT. ALL WORK REQUIRED UNDER THIS CONTRACT SHALL COMPLY WITH ALL REQUIREMENTS OF LAW, REGULATION, PERMIT OR LICENSE. IF THE CONTRACTOR FINDS THAT THERE IS A VARIANCE, HE SHALL IMMEDIATELY REPORT THIS TO THE OWNER FOR RESOLUTION.
7. PUBLIC CONVENIENCE AND SAFETY: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. MATERIALS STORED ON THE WORK SITE SHALL BE PLACED AND THE WORK SHALL AT ALL TIMES BE SO CONDUCTED AS TO CAUSE NO GREATER OBSTRUCTION TO THE TRAVELING PUBLIC THAN IS CONSIDERED ACCEPTABLE BY THE GOVERNING AUTHORITIES AND THE DEVELOPER AND NOT TO PREVENT FREE UNINTERRUPTED ACCESS TO ALL FIRE HYDRANTS, WATER VALVES, GAS VALVES, MANHOLES AND FIRE ALARM OR POLICE CALL BOXES IN THE VICINITY.
8. STORM WATER POLLUTION PREVENTION PLAN (SWPPP): THE CONTRACTOR SHALL COMPLY WITH THE CONDITIONS OF THE SWPPP WHILE CONDUCTING HIS ACTIVITIES ON THE PROJECT.
9. PERMITS AND LICENSES: THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK AND SHALL FULLY COMPLY WITH ALL THEIR TERMS AND CONDITIONS. WHENEVER THE WORK UNDER THIS CONTRACT REQUIRES OBTAINING PERMITS FROM GOVERNING AUTHORITIES, THE CONTRACTOR SHALL FURNISH DUPLICATE COPIES OF SUCH PERMITS TO THE DEVELOPER BEFORE THE WORK COVERED THEREBY IS STARTED. NO WORK WILL BE ALLOWED TO PROCEED BEFORE SUCH PERMITS HAVE BEEN OBTAINED. COSTS ASSOCIATED WITH PERMITS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
10. APPROVED PLANS: THE CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED PLANS ON-SITE AT ALL TIMES.
11. BONDS: PERFORMANCE, PAYMENT, AND MAINTENANCE BONDS MAY BE REQUIRED FROM THE CONTRACTOR FOR "PUBLIC" IMPROVEMENTS. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE THE BONDS IN THE FORM AND IN THE AMOUNTS AS REQUIRED BY THE GOVERNING AUTHORITIES. COSTS ASSOCIATED WITH PROVIDING THE BONDS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
12. INSPECTION AND TESTING: THE GOVERNING AUTHORITIES AND/OR THE DEVELOPER WILL PROVIDE INSPECTION AND TESTING OF THE PROPOSED CONSTRUCTION AT THEIR EXPENSE. THE CONTRACTOR SHALL PROVIDE SUFFICIENT NOTICE WELL IN ADVANCE OF PENDING CONSTRUCTION ACTIVITIES TO THE GOVERNING AUTHORITIES AND/OR OWNER FOR SCHEDULING OF INSPECTION/TESTING SERVICES. IN THE EVENT THE RESULTS OF THE INITIAL TESTING DO NOT COMPLY WITH THE PLANS AND SPECIFICATIONS, SUBSEQUENT TESTS NECESSARY TO DETERMINE THE ACCEPTABILITY OF MATERIALS OR CONSTRUCTION SHALL BE AT THE CONTRACTOR'S EXPENSE.
13. SHOP DRAWINGS: THE CONTRACTOR SHALL PREPARE, REVIEW, AND SUBMIT ALL SHOP DRAWINGS, PRODUCT DATA AND SAMPLES REQUIRED BY THE GOVERNING AUTHORITIES AND THE PROJECT CONTRACT DOCUMENTS.
14. SURVEYING: ALL SURVEYING REQUIRED FOR CONSTRUCTION STAKING WILL BE PROVIDED BY THE DEVELOPER ONE TIME ONLY. ALL RESTAKING SHALL BE AT THE CONTRACTOR'S EXPENSE.
15. PROTECTION OF PROPERTY CORNERS AND BENCHMARKS: THE CONTRACTOR SHALL PROTECT ALL PROPERTY CORNERS, MARKERS, AND BENCHMARKS. WHEN ANY SUCH MARKERS OR MONUMENTS ARE IN DANGER OF BEING DISTURBED, THEY SHALL BE PROPERLY REFERENCED AND IF DISTURBED SHALL BE RESET BY A REGISTERED PROFESSIONAL LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
16. EXISTING STRUCTURES: THE PLANS SHOW THE LOCATION OF ALL KNOWN SURFACE AND SUBSURFACE STRUCTURES. HOWEVER, THE DEVELOPER AND ENGINEER ASSUME NO RESPONSIBILITY FOR THE FAILURE TO SHOW ANY OR ALL OF THESE STRUCTURES ON THE PLANS OR TO SHOW THEM IN THEIR EXACT LOCATION. SUCH FAILURE SHALL NOT BE CONSIDERED SUFFICIENT BASIS FOR CLAIMS FOR ADDITIONAL COMPENSATION FOR EXTRA WORK OR FOR INCREASING THE PAY QUANTITIES IN ANY MANNER WHATSOEVER, UNLESS THE OBSTRUCTION ENCOUNTERED IS SUCH AS TO REQUIRE CHANGES IN THE LINES OR GRADES OR REQUIRE THE CONSTRUCTION OF SPECIAL WORK FOR WHICH PROVISIONS ARE NOT MADE IN THE PLANS.
17. PROTECTION OF EXISTING UTILITIES: AS REQUIRED BY "THE TEXAS UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT", TEXAS ONE CALL SYSTEM MUST BE CONTACTED (800-245-4545) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS BEING PERFORMED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT TEXAS ONE CALL SYSTEM. THE LOCATION OF EXISTING UTILITIES SHOWN ON THE PLANS ARE BASED ON THE BEST RECORDS AND/OR FIELD INFORMATION AVAILABLE AND ARE NOT GUARANTEED BY THE DEVELOPER OR ENGINEER TO BE ACCURATE AS TO THE LOCATION AND DEPTH. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATIONS OF ADJACENT AND/OR CONFLICTING UTILITIES SUFFICIENTLY IN ADVANCE OF HIS ACTIVITIES IN ORDER THAT HE MAY NEGOTIATE SUCH LOCAL ADJUSTMENTS AS NECESSARY IN THE CONSTRUCTION PROCESS TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL EXISTING UTILITIES, SERVICES, AND STRUCTURES ENCOUNTERED WHETHER OR NOT THEY ARE ON THE PLANS. ANY DAMAGE TO UTILITIES RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED AT HIS EXPENSE. TO AVOID UNNECESSARY INTERFERENCES OR DELAYS, THE CONTRACTOR SHALL COORDINATE ALL UTILITY REMOVALS, REPLACEMENTS, AND CONSTRUCTION WITH THE APPROPRIATE GOVERNING AUTHORITIES. THE DEVELOPER WILL NOT BE LIABLE FOR DAMAGES DUE TO DELAY BECAUSE OF THE ABOVE.
18. DAMAGE TO EXISTING FACILITIES: ALL EXISTING UTILITIES, PAVEMENT, SIDEWALKS, WALLS, FENCES, ETC. DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK.
19. FIRE AND LIFE SAFETY SYSTEMS: THE CONTRACTOR SHALL NOT REMOVE, DISABLE, OR DISRUPT EXISTING FIRE OR LIFE SAFETY SYSTEMS WITHOUT RECEIVING PRIOR WRITTEN PERMISSION FROM THE GOVERNING AUTHORITY.
20. TRENCH SAFETY: THE CONTRACTOR IS RESPONSIBLE FOR HAVING A TRENCH SAFETY PLAN PREPARED IN ACCORDANCE WITH OSHA REQUIREMENTS BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS FOR THE IMPLEMENTATION OF TRENCH SAFETY CONTROL MEASURES THAT WILL BE IN EFFECT DURING THE CONSTRUCTION OF THE PROJECT. THE COSTS FOR PREPARATION OF THE TRENCH SAFETY PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
21. TRAFFIC CONTROL: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL BY THE GOVERNING AUTHORITIES A TRAFFIC CONTROL PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. THE COSTS ASSOCIATED WITH THE PREPARATION AND IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
22. ACCESS TO ADJACENT PROPERTIES: ACCESS TO ADJACENT PROPERTIES SHALL BE MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE GOVERNING AUTHORITIES AND/OR OWNER.
23. ACCESS ROUTES, STAGING AREAS AND STORAGE AREAS: ALL PRIVATE HAUL ROADS AND ACCESS ROUTES AND THE LOCATION OF ALL STAGING AREAS AND STORAGE AREAS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND REPAIRING ROADS AND OTHER FACILITIES USED DURING CONSTRUCTION. UPON COMPLETION OF THE PROJECT, ALL HAUL ROADS, ACCESS ROADS, STAGING AREAS AND STORAGE AREAS SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK.
24. PARKING OF CONSTRUCTION EQUIPMENT: AT NIGHT AND DURING ALL PERIODS OF TIME WHEN EQUIPMENT IS NOT BEING ACTIVELY USED FOR CONSTRUCTION WORK. THE CONTRACTOR SHALL PARK THE EQUIPMENT AT LOCATIONS WHICH ARE APPROVED BY THE OWNER. DURING THE CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL COMPLY WITH THE PRESENT ZONING REQUIREMENTS OF THE GOVERNING AUTHORITIES IN THE USE OF VACANT PROPERTY FOR STORAGE PURPOSES. THE CONTRACTOR SHALL ALSO PROVIDE ADEQUATE BARRICADES, MARKERS, AND LIGHTS TO PROTECT THE OWNER, THE GOVERNING AUTHORITIES, THE PUBLIC, AND THE WORK. ALL BARRICADES, LIGHTS, AND MARKERS MUST MEET THE REQUIREMENTS OF THE GOVERNING AUTHORITIES' REGULATIONS.
25. WATER FOR CONSTRUCTION: THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR PURCHASING WATER FROM THE GOVERNING AUTHORITY FOR HIS USE ON THE PROJECT SITE. COST ASSOCIATED WITH THIS SERVICE SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
26. TEMPORARY ELECTRIC AND COMMUNICATIONS FOR CONSTRUCTION: THE CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS FOR THE INSTALLATION AND PURCHASING OF TEMPORARY ELECTRIC AND COMMUNICATIONS SERVICES FROM THE GOVERNING AUTHORITIES FOR HIS USE ON THE PROJECT SITE. COSTS ASSOCIATED WITH THIS SERVICE SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
27. FENCES: ALL FENCES ENCOUNTERED AND REMOVED DURING CONSTRUCTION, EXCEPT THOSE DESIGNATED TO BE REMOVED OR RELOCATED, SHALL BE RESTORED TO THE ORIGINAL OR BETTER THAN CONDITION UPON COMPLETION OF THE PROJECT. WHERE WIRE FENCING, EITHER WIRE MESH OR BARBED WIRE, IS NOT TO BE CROSSED, THE CONTRACTOR SHALL SET CROSS-BRACED POSTS ON EITHER SIDE OF THE CROSSING. TEMPORARY FENCING SHALL BE ERECTED IN PLACE OF THE FENCING REMOVED WHENEVER THE WORK IS NOT IN PROGRESS AND WHEN THE SITE IS VACATED OVERNIGHT AND/OR AT ALL TIMES TO PREVENT PERSONS AND/OR LIVESTOCK FROM ENTERING THE CONSTRUCTION AREA. THE COST OF FENCE REMOVAL, TEMPORARY CLOSURES, AND REPLACEMENT SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
28. COORDINATION WITH OTHERS: IN THE EVENT THAT OTHER CONTRACTORS ARE DOING WORK IN THE SAME AREA SIMULTANEOUSLY WITH THE PROJECT, THE CONTRACTOR SHALL COORDINATE HIS PROPOSED CONSTRUCTION WITH THAT OF THE OTHER CONTRACTORS.
29. CONDITION OF THE SITE DURING CONSTRUCTION: THE CONTRACTOR SHALL KEEP THE SITE OF THE WORK AND ADJACENT PREMISES AS FREE FROM MATERIAL, DEBRIS, AND RUBBISH AS IS PRACTICAL. THE CONTRACTOR SHALL REMOVE MATERIAL DEBRIS AND RUBBISH FROM ANY PORTION OF THE SITE IF, IN THE OPINION OF THE DEVELOPER, SUCH MATERIAL, DEBRIS, AND RUBBISH CONSTITUTES A NUISANCE OR IS OBJECTIONABLE.
30. EXISTING ROADWAYS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CLEANLINESS OF EXISTING PAVED ROADS. COSTS ASSOCIATED WITH MAINTAINING THE CLEANLINESS OF EXISTING ROADS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
31. DUST CONTROL: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO CONTROL DUST ON THE PROJECT SITE BY THE SPRINKLING OF WATER OR ANY OTHER METHODS APPROVED BY THE GOVERNING AUTHORITIES. COSTS ASSOCIATED WITH DUST CONTROL SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
32. CLEAN UP FOR FINAL ACCEPTANCE: THE CONTRACTOR SHALL MAKE A FINAL CLEAN UP OF ALL PARTS OF THE WORK BEFORE ACCEPTANCE BY THE OWNER. THIS CLEAN UP SHALL INCLUDE REMOVAL OF ALL OBJECTIONABLE MATERIALS AND, IN GENERAL, PREPARING THE SITE OF THE WORK IN AN ORDERLY MANNER OF APPEARANCE.
33. REMOVAL OF DEFECTIVE AND UNAUTHORIZED WORK: ALL WORK, WHICH HAS BEEN REJECTED OR CONDEMNED, SHALL BE REPAIRED, OR IF IT CANNOT BE REPAIRED SATISFACTORILY, SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. DEFECTIVE MATERIALS SHALL BE IMMEDIATELY REMOVED FROM THE WORK SITE. WORK DONE NOT IN CONFORMITY WITH THE GRADES SHOWN ON THE DRAWINGS OR AS WRITTEN AUTHORITY AND PRIOR AGREEMENT IN WRITING AS TO PRICES, SHALL BE AT THE CONTRACTOR'S RISK, AND WILL BE CONSIDERED UNAUTHORIZED, AND AT THE OPTION OF THE OWNER MAY NOT BE MEASURED AND PAID FOR AND MAY BE ORDERED REMOVED AT THE CONTRACTOR'S EXPENSE. UPON FAILURE OF THE CONTRACTOR TO REPAIR SATISFACTORILY OR TO REMOVE AND REPLACE THE DIRECTED, REJECTED, UNAUTHORIZED, OR CONDEMNED WORK OR MATERIALS IMMEDIATELY AFTER RECEIVING NOTICE FROM THE OWNER, THE OWNER WILL, AFTER GIVING WRITTEN NOTICE TO THE CONTRACTOR, HAVE THE AUTHORITY TO CAUSE UNAUTHORIZED WORK TO BE REMEDIED OR REMOVED AND REPLACED OR TO CAUSE UNAUTHORIZED WORK TO BE REMOVED AND TO DEDUCT THE COST THEREOF ANY MONIES DUE OR TO BECOME DUE TO THE CONTRACTOR.
34. DISPOSITION AND DISPOSAL OF EXCESS AND UNSUITABLE MATERIALS: ALL MATERIALS TO BE REMOVED FROM THE SITE INCLUDED BUT NOT LIMITED TO EXCESS MATERIAL AND UNSUITABLE MATERIALS SUCH AS CONCRETE, ASPHALT, LARGE ROCKS, REFUSE, AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT. CONTRACTOR SHALL ALSO COMPLY WITH ALL APPLICABLE LAWS GOVERNING SPILLAGE OF DEBRIS WHILE TRANSPORTING TO A DISPOSAL SITE. COSTS ASSOCIATED WITH THE DISPOSAL OF EXCESS AND UNSUITABLE MATERIALS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
35. RECORD DRAWINGS: THE CONTRACTOR SHALL MAINTAIN AN ACCURATE RECORD OF THE INSTALLATION OF ALL MATERIALS AND SYSTEM COVERED BY THE PROJECT CONTRACT DOCUMENTS. THE COMPLETE SET OF "RECORD DRAWINGS" MUST BE DELIVERED TO THE OWNER AND/OR ENGINEER BEFORE REQUESTING FINAL PAYMENT.

GRADING NOTES

ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PROVISIONS OUTLINED IN F.H.A. DATA SHEET 79G AND/OR THE SPECIFICATIONS PREPARED BY THE SOILS ENGINEER.

36. *ALL CLAY SOIL USED AS FILL SHOULD BE COMPACTED TO A DRY DENSITY BETWEEN 93% AND 98% AS DETERMINED BY A.S.T.M. D-698. THE COMPACTED MOISTURE CONTENT OF THE CLAYS DURING PLACEMENT SHOULD BE AT LEAST OPTIMUM AND BETWEEN 2 TO 6 PERCENTAGE POINTS ABOVE OPTIMUM.
37. *LIMESTONE OR OTHER ROCK-LIKE MATERIALS USED AS FILL SHOULD BE COMPACTED TO AT LEAST 95 PERCENT AND NOT EXCEEDING 105 PERCENT OF STANDARD PROCTOR DENSITY AS DETERMINED BY A.S.T.M. D-698/ THE COMPACTED MOISTURE CONTENT DURING PLACEMENT SHOULD BE WITHIN PLUS OR MINUS THREE (3) PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT. NO ROCK LARGER THAN SIX INCHES IN ITS GREATEST DIMENSION SHALL BE USED IN FILL WHEN THE FILL IS PLACED UNDER PADS, STREETS OR ANY OTHER AREAS THAT WILL HAVE ANY TYPE OF STRUCTURES.
38. COMPACTION SHOULD BE ACCOMPLISHED BY PLACING THE FILL IN EIGHT INCH THICK LOOSE LIFTS AND COMPACTING EACH LIFT TO AT LEAST THE SPECIFIED MINIMUM DRY DENSITY. PARTICLE SIZES USED IN FILL SHALL BE LESS THAN SIX (6) INCHES DIAMETER.
39. GRADING CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OFF-SITE OF ALL EXCAVATED AND CLEARED MATERIAL, WHICH SOILS LAB DECLARES UNSUITABLE FOR USE ON-SITE.
40. CONTRACTOR TO SLOPE THE ADJACENT GROUND AWAY FROM BUILDING PAD TO ACHIEVE POSITIVE SURFACE DRAINAGE.
41. INITIAL SITE GRADING SHALL BE COMPLETED TO A TOLERANCE OF PLUS OR MINUS ONE TENTH OF ONE FOOT IN STREETS AND PLUS OR MINUS THREE TENTHS OF ONE FOOT FOR THE BUILDING PADS. FINAL BUILDING PAD GRADING, TO BE DONE UPON COMPLETION OF PAVING AND UTILITY FACILITIES, SHALL BE PROVIDED TO A TOLERANCE OF PLUS OR MINUS TWO TENTHS OF ONE FOOT AT ALL FOUR CORNERS AND CENTER OF BUILDING PAD, IN ALL SWALES, AND LOT CORNERS.
42. CONTRACTOR SHALL REPLACE ANY EROSION CONTROL MATERIALS AT THE END OF EACH WORK DAY IF SAID MATERIALS WERE REMOVED DURING THE DAY FOR EASE OF CONSTRUCTION OR ACCESS.
43. IF ROCK IS ENCOUNTERED IN THE STREET SUBGRADE, THE ROCK SHALL BE EXCAVATED TO A DEPTH OF SIX INCHES, REMOVED FROM THE STREET, AND NON-ROCK MATERIAL SHALL BE REPLACED FOR THE STREET SUBGRADE. ROCK IN THE STREET PARKWAYS SHALL BE REMOVED AND REPLACED WITH SIX INCHES OF TOP SOIL. THIS SHALL BE ACCOMPLISHED BY THE EXCAVATION CONTRACTOR, SUBSIDIARY TO THIS CONTRACT.
44. NO PART OF ANY RETAINING WALL SHALL BE WITHIN CITY RIGHT-OF-WAY, OR CITY PROPERTY (I.E. PARK) INCLUDING FOOTING.

* APPLIES TO ALL AREAS OUTSIDE OF PUBLIC R.O.W. ONLY. REFER TO PAVING GENERAL CONSTRUCTION NOTES FOR DENSITY/MOISTURE REQUIREMENTS IN R.O.W.

PAVING NOTES

1. UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. ALTHOUGH THIS DATA IS SHOWN AS ACCURATELY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT THE OWNER AND THE ENGINEER NEITHER ASSUMES NOR IMPLIES ANY RESPONSIBILITY FOR THE ACCURACY OF THIS DATA.
2. CONTRACTOR WILL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO HIS OPERATIONS.
3. SEE UTILITY PLANS FOR LOCATION OF WATER LINES, SANITARY SEWER LINES, STORM DRAINS, AND UTILITY CROSSING.
4. ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO APPLICABLE CITY STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS.
5. ALL FILL SHALL BE COMPACTED AS SPECIFIED IN THE GEOTECHNICAL REPORT. DENSITY TEST RESULTS WILL BE REQUIRED AT THE PRE-CONSTRUCTION MEETING FOR ALL FILL AREAS IN EXCESS OF 2.0' UNDERNEATH PROPOSED PAVING.
6. STREET CURB RADII AT STREET INTERSECTIONS SHALL BE 20' (MEASURED FROM BACK OF CURB) UNLESS OTHERWISE NOTED. ALL PAVING DIMENSIONS ARE TO BACK OF CURB, UNLESS OTHERWISE NOTED.
7. TYPICAL PAVEMENT SECTION IS TO TRANSITION FROM CROWN SECTION TO TRANSVERSE SECTION WITHIN A DISTANCE OF 50' OF WHERE A VALLEY GUTTER CROSSES A STREET INTERSECTION.
8. SEE PAVEMENT CONSTRUCTION DETAILS SHEET FOR PAVEMENT SECTIONS AND CONSTRUCTION DETAILS.
9. BLUE REFLECTOR TO BE INSTALLED 1.0' OFFSET FROM CENTERLINE OF STREET ON FIRE HYDRANT SIDE, FOR PURPOSES OF QUICK HYDRANT LOCATION AT NIGHT.

STORM DRAIN NOTES

1. WATER AND SANITARY SEWER LINES ARE SHOWN FOR REFERENCE ONLY. REFER TO WATER AND SANITARY SEWER PLANS FOR EXACT LOCATION.
2. ALL STORM DRAIN LINES TO BE R.C.P. CLASS III UNLESS OTHERWISE NOTED.
3. ALL CURVED STORM DRAIN IS TO BE CONSTRUCTED WITH RADIUS PIPE OR IS TO BE DEFLECTED AT JOINTS (PER MANUFACTURER'S SPECIFICATIONS) AND GROUTED AS NECESSARY. IT SHALL BE THE CONTRACTOR'S OPTION AS TO WHICH METHOD TO USE (NO SEPARATE PAY).
4. ALL AREA DISTURBED BY CHANNEL EXCAVATION SHALL BE RE-VEGETATED AS SET FORTH IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WHICH WAS PREPARED SPECIFICALLY FOR THIS PROJECT, OR OTHERWISE PROTECTED AGAINST EROSION BY THE USE OF RIP-RAP, GABIONS, OR GEOTEXTILES.

EROSION & SEDIMENT CONTROL NOTES

1. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
2. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY THE GOVERNING AUTHORITIES AND ALL PERIMETER EROSION CONTROL DEVICES HAVE BEEN INSTALLED.
3. THIS EROSION CONTROL PLAN IS A SUPPLEMENT TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED BY OTHERS. REFER TO THE SWPPP FOR ADDITIONAL REQUIREMENTS.
4. THE GENERAL CONTRACTOR, AS THE TCEQ DEFINES "OPERATOR," SHALL PERFORM ALL REQUIRED INSPECTIONS OF STORM WATER CONTROLS AND PRACTICES AT FREQUENCIES OUTLINED IN THE TPDES GENERAL PERMIT AND SHALL FILL OUT APPROPRIATE INSPECTION FORMS (AS PROVIDED IN THE SWPPP) UNLESS OTHERWISE DIRECTED BY THE OWNER.
5. THE GENERAL CONTRACTOR (AND ALL SUBCONTRACTORS INVOLVED WITH ANY CONSTRUCTION ACTIVITIES RELATED TO EARTHWORK, EROSION CONTROL, ETC. OR WHICH UTILIZE POSSIBLE POLLUTANTS AS DEFINED IN THE TPDES GENERAL PERMIT) SHALL REVIEW AND ADHERE TO THE SWPPP FOR THE PROJECT, AS WELL AS ALL THE TCEQ REQUIREMENTS SET FORTH IN THE TPDES GENERAL PERMIT.
6. ADDITIONAL EROSION CONTROL DEVICES AND/OR ADJUSTMENT OF LOCATIONS FOR EROSION CONTROL MAY BE IMPLEMENTED BY THE CONTRACTOR AT HIS DISCRETION AND/OR IN THE OPINION OF THE CITY INSPECTOR, AT NO ADDITIONAL EXPENSE TO THE OWNER. THE ADDITION OR DELETION OF ANY EROSION CONTROL MEASURE MAY REQUIRE THAT THE SWPPP BE MODIFIED IN ACCORDANCE WITH THE TCEQ'S TPDES GENERAL PERMIT GUIDELINES.
   a. EXCAVATION CONTRACTOR TO BE RESPONSIBLE FOR INSTALLATION OF SILT BARRIERS, CHECK DAMS, AND CONSTRUCTION ENTRANCE/EXIT.
   b. UTILITY CONTRACTOR (WATER, SEWER & STORM DRAIN) TO BE RESPONSIBLE FOR INSTALLATION OF STAGE 1 AND STAGE 2 INLET PROTECTION.
   c. OWNER TO BE RESPONSIBLE FOR SEEDING AND FINAL REMOVAL OF EROSION CONTROLS.
7. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES ALREADY IN PLACE. CONTRACTOR SHALL REMOVE AND REPLACE EROSION CONTROL AS NEEDED FOR CONSTRUCTION OR ACCESS. ALL EROSION CONTROL MUST BE IN PLACE AT THE END OF EACH DAY.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO USE WHATEVER MEANS ARE NECESSARY TO CONTROL AND LIMIT SILT AND SEDIMENT LEAVING THE SITE. SPECIFICALLY, THE CONTRACTOR SHALL PROTECT ALL PUBLIC STREETS, ALLEYS, STREAMS, STORM DRAIN SYSTEMS, INLETS, AND ADJACENT PROPERTY FROM EROSION DEPOSITS. THE CONTRACTOR SHALL ASSUME LIABILITY FOR DAMAGE TO ADJACENT PROPERTIES AND/OR PUBLIC RIGHT OF WAY RESULTING FROM FAILURE TO FULLY IMPLEMENT AND EXECUTE ALL EROSION CONTROL PROCEDURES SHOWN AND NOTED IN THESE PLANS AND THE SWPPP.
9. ALL EROSION CONTROL DEVICES TO BE INSPECTED, CLEANED, AND/OR REPLACED AFTER EACH STORM.
10. USE OF ON-SITE FUEL STORAGE TANKS IS DISCOURAGED. HOWEVER, IF USED, THE PREVENTION OF HAZARDS TO THE GROUND WATER IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR UTILIZING SAID STORAGE. SEE N.C.T.C.O.G. CONSTRUCTION BMP MANUAL SECTION 4 – HAZARDOUS WASTE MANAGEMENT.
11. A CENTRALIZED PIT/WASH BASIN SHALL BE CONSTRUCTED ON-SITE FOR THE PURPOSE OF CONCRETE TRUCK WASHING. SEE N.C.T.C.O.G. CONSTRUCTION BMP MANUAL SECTION 4 – CONCRETE WASTE MANAGEMENT.
12. CONTRACTORS SHALL PARK, STORE EQUIPMENT AND MATERIALS AND SERVICE VEHICLES AT THE "PARKING AND STORAGE AREA". THE LOCATION OF SAID AREA IS TO BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE.
13. CONSTRUCTION ENTRANCES ARE TO BE INSTALLED AT ALL POINTS WHERE EQUIPMENT ENTERS OR LEAVES THE SITE. THE LOCATION OF SAME IS TO BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE.
14. EROSION CONTROLS TO REMAIN IN PLACE AND TO BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED.
15. EROSION CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLET OR IN CHANNELS, DRAINAGEWAYS OR BORROW DITCHES AT RISK OF CONTRACTOR. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY MEASURES, INCLUDING FLOOD DAMAGE WHICH MAY OCCUR DUE TO BLOCKED DRAINAGE AT THE CONCLUSION OF ANY PROJECT. ALL CHANNELS, DRAINAGEWAYS AND BORROW DITCHES IN THE WORK ZONE SHALL BE DREDGED OF ANY SEDIMENT GENERATED BY THE PROJECT AS A RESULT OF EROSION CONTROL MEASURES.
16. ALL WASH WATER SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN WASH WATER POLLUTANTS AND STORM RUNOFF DISCHARGED FROM THIS SITE.
17. DISTURBED AREAS ON THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR AT LEAST 14 DAYS SHALL BE TEMPORARILY PLANTED AND/OR SEEDED AND WATERED.
18. DISTURBED AREAS ON THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED AND AREAS WHERE FINAL GRADE HAS BEEN ACHIEVED SHALL BE PERMANENTLY PLANTED AND/OR SEEDED WITHIN 14 DAYS.
19. PLANTING AND/OR SEEDING OF VEGETATED AREAS TO ACCOMPLISH STABILIZATION SHALL BE PERFORMED IN ACCORDANCE WITH THE LANDSCAPING PLAN. AREAS BEYOND THE LIMITS OF THE LANDSCAPING PLAN (OR WHEN A LANDSCAPING PLAN DOES NOT EXIST) SHALL BE HYDROMULCHED WITH HIGHWAY MIX AND WATERED WITH TEMPORARY ABOVE GROUND IRRIGATION UNTIL THE VEGETATION IS ESTABLISHED.
20. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SILT IN ANY STORM SEWER INLETS AND PIPES, AND ALONG SILT FENCES, WITHIN 48 HOURS AFTER INSPECTIONS OF DEVICES REVEALS THE PRESENCE OF EXCESS SILTATION.
21. SILT FENCES SHALL BE PLACED AROUND STOCKPILES USED ON THE SITE.
22. THE CONTRACTOR SHALL MODIFY THIS PLAN TO SHOW LOCATIONS OF TEMPORARY WASHDOWN AREA, PORTABLE TOILETS, EQUIPMENT MAINTENANCE/REPAIR AREAS, STOCKPILE AREAS, FUEL STORAGE AREAS, ETC. AND POLLUTANT CONTROLS FOR EACH.

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED
PROFESSIONAL ENGINEER
4/21/2026

PAPE-DAWSON
6105 TENNYSON PKWY, STE 210 I PLANO, TX 75024 I 214.420.8494
TEXAS ENGINEERING FIRM #470 I TEXAS SURVEYING FIRM #10028800

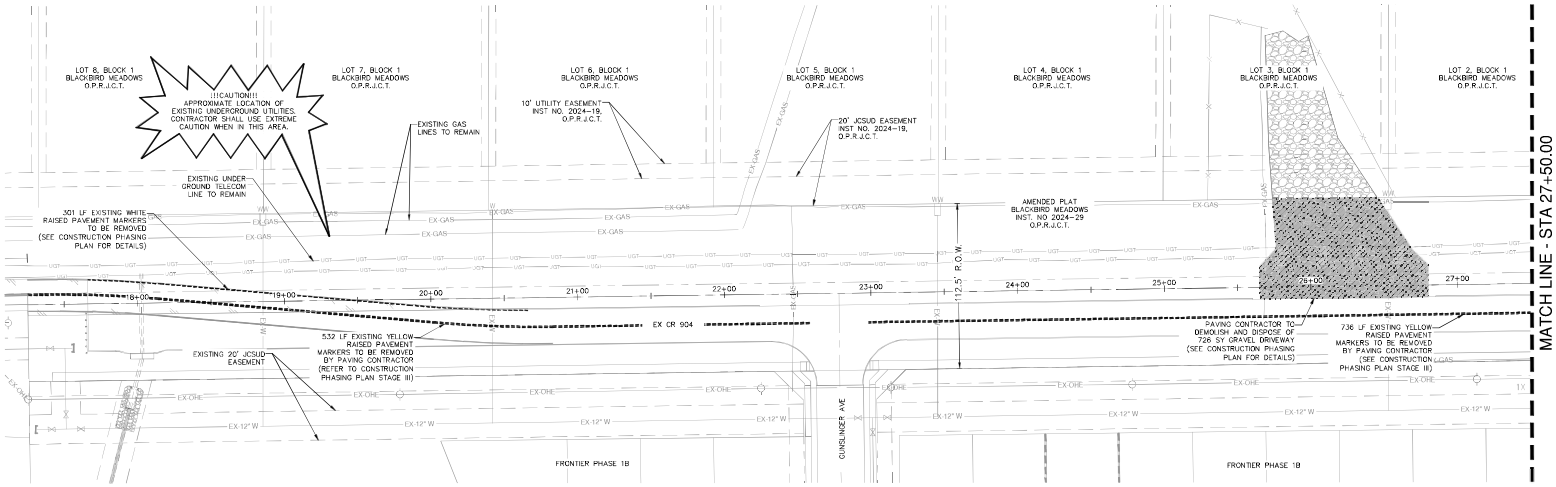
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
GENERAL CONSTRUCTION NOTES

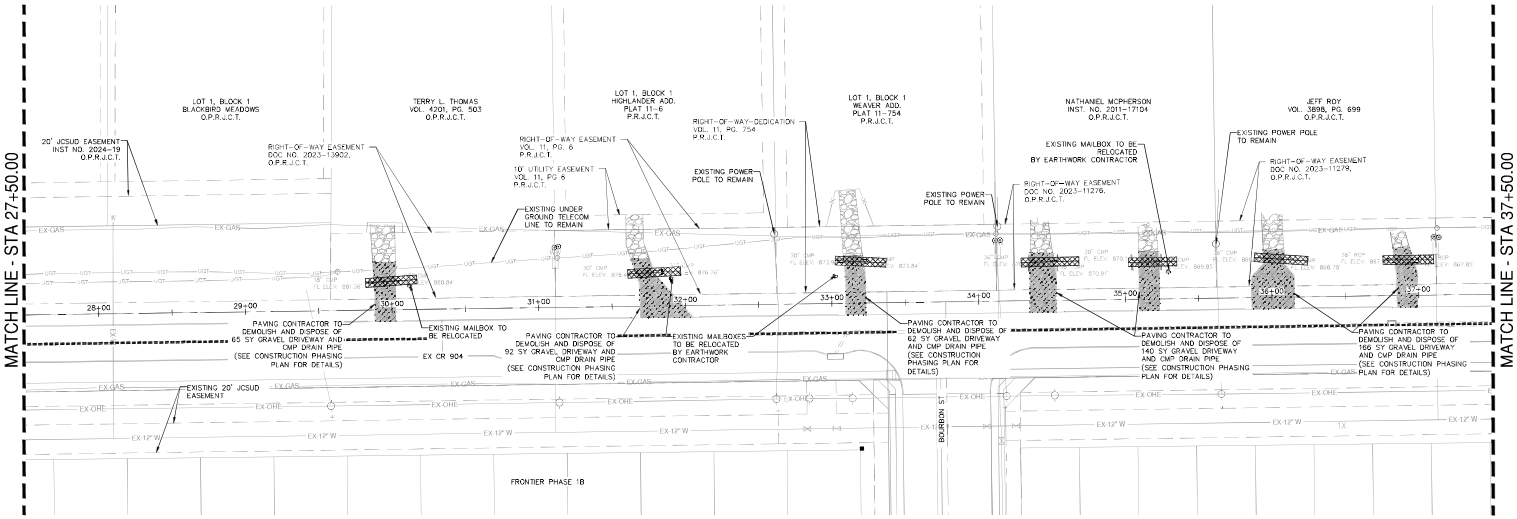
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DATE APRIL 2026
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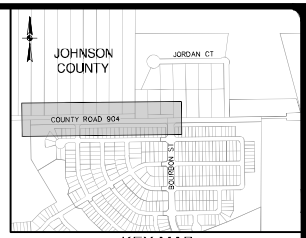
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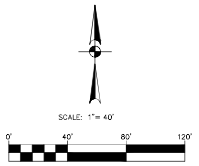




KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N: 6835620.362	N: 6836195.465	N: 6841154.606	N: 6841066.582	N: 6842063.285
E: 2298097.190	E: 2298117.060	E: 2301451.505	E: 2301645.519	E: 2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV: 866.8790	ELEV: 867.7080	ELEV: 894.1260



LEGEND

DEMOLITION OF EXISTING DRIVEWAY & FENCE

DEMOLITION OF EXISTING CULVERT

UTILITY NOTE

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NO.	REVISION	DATE

STATE OF TEXAS — ANNA JANE ROSCOE — 142544 — LICENSED PROFESSIONAL ENGINEER — 4/2/2026

PAPE-DAWSON
8100 TRINITY PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

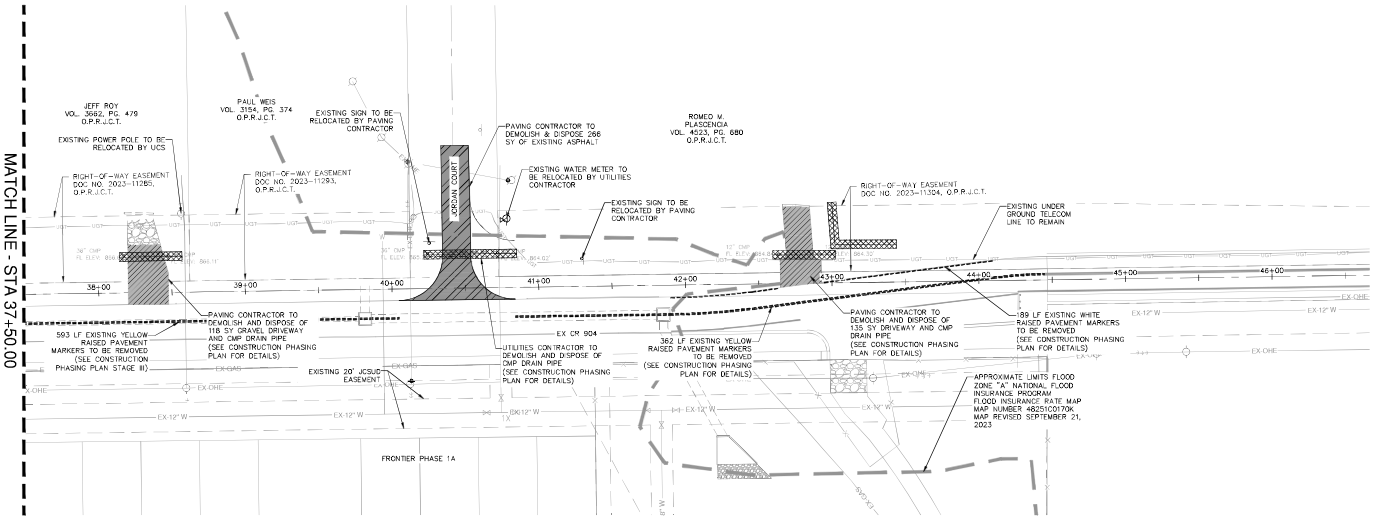
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

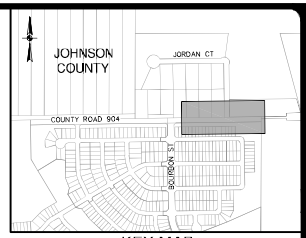
DEMOLITION PLAN

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 3

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KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836385.460	N:6847154.026	N:6841086.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- 700 EXISTING CONTOUR
- DEMOLITION OF EXISTING DRIVEWAY
- DEMOLITION OF EXISTING FENCE & DRAIN PIPE
- DEMOLITION OF EXISTING ASPHALT

UTILITY NOTE

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ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

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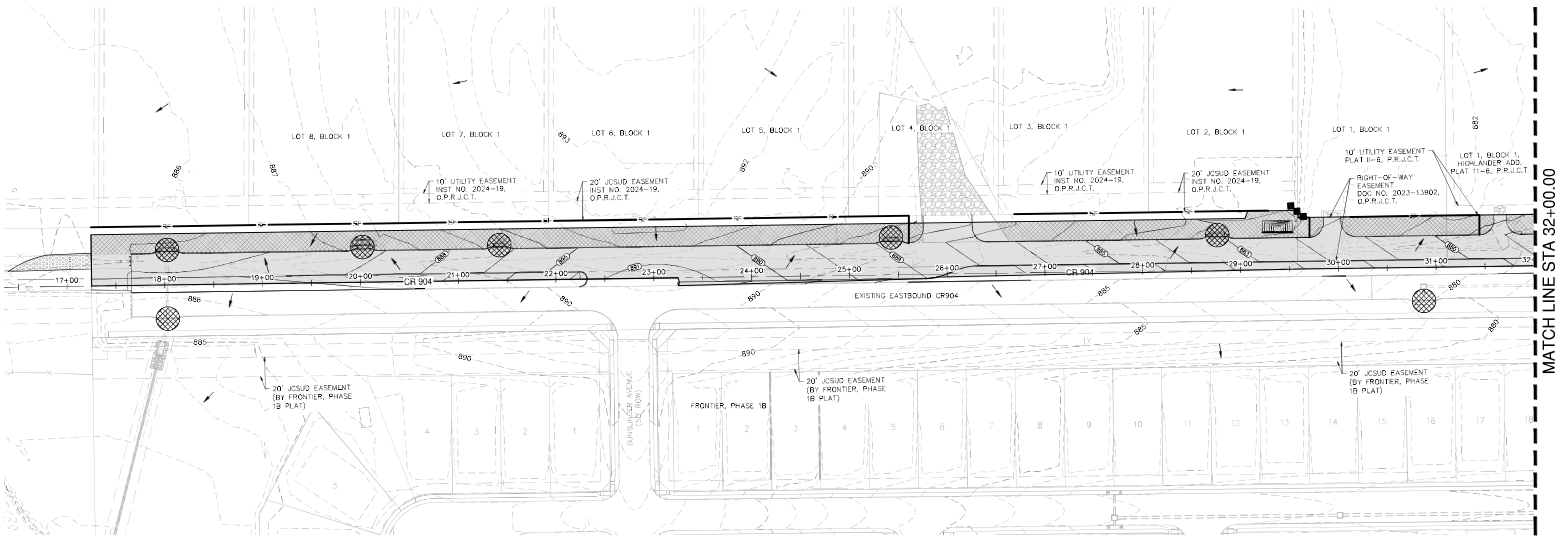
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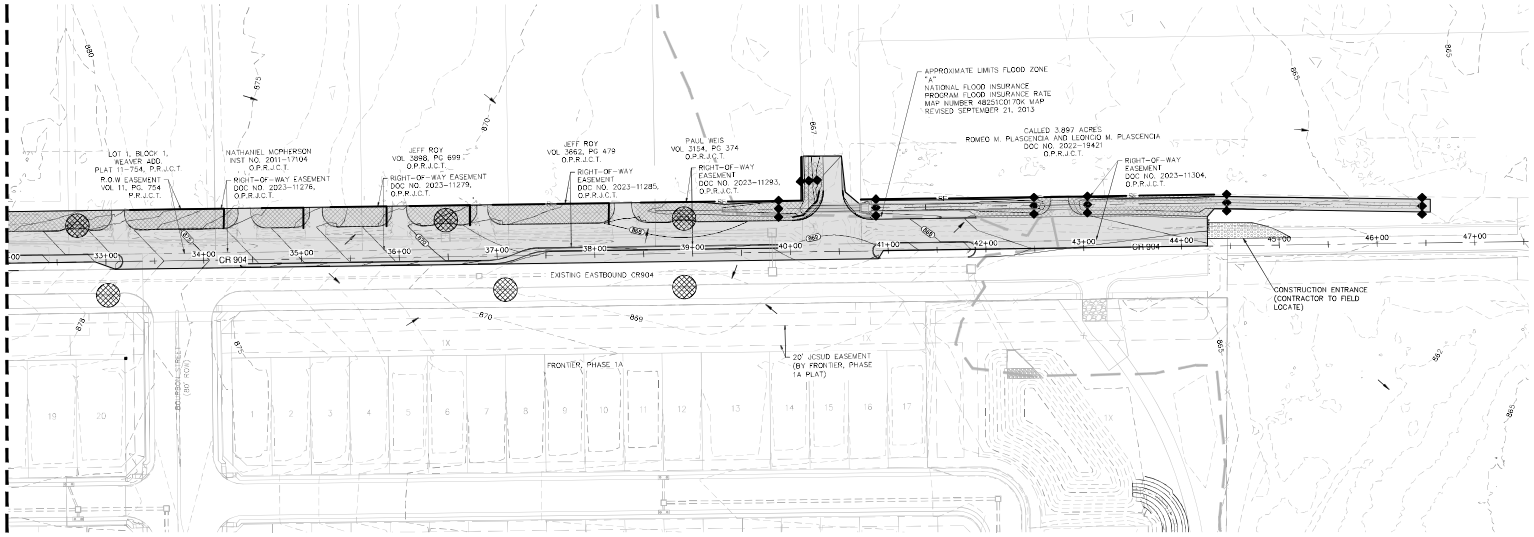
DEMOLITION PLAN

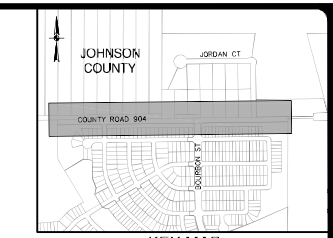
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DATE APRIL 2026
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KEY MAP
NOT-TO-SCALE

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ELEV: 876.1090	ELEV: 876.5780	ELEV:866.8780	ELEV:861.7680	ELEV:894.1260

SCALE: 1" = 60'

0' 60' 120' 180'

LEGEND

- 700 EXISTING CONTOUR
- 700 PROPOSED CONTOUR
- FLOW ARROW
- SF SILT FENCE
- LIMITS OF DISTURBANCE
- INLET PROTECTION
- CONSTRUCTION ENTRANCE
- ROCK CHECK DAM
- STONE OVERFLOW STRUCTURE
- SLOPE STABILIZATION BLANKET

UTILITY NOTE

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STATE OF TEXAS
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142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

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CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

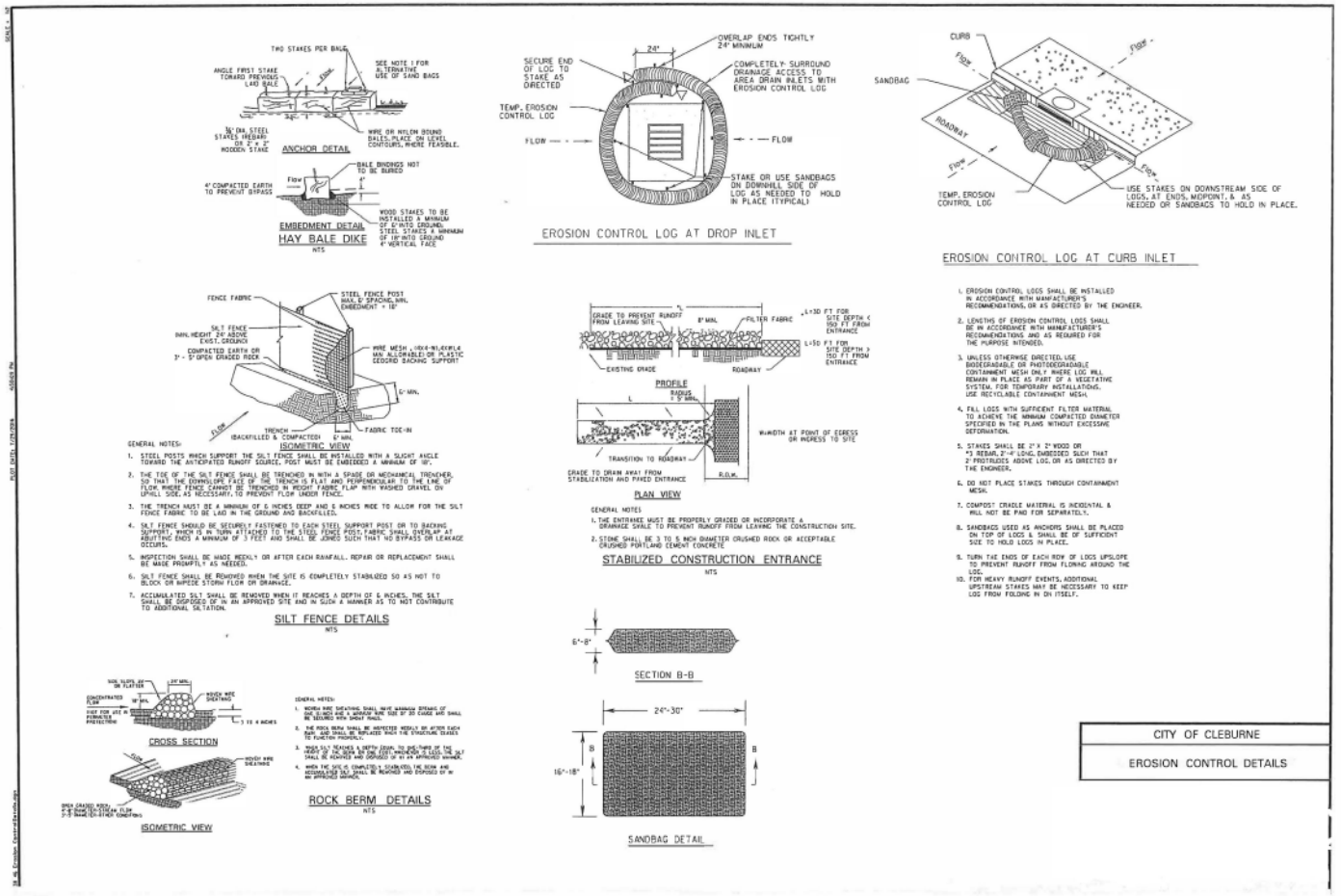
EROSION CONTROL PLAN

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN SM
SHEET 5

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CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

EROSION CONTROL DETAILS

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
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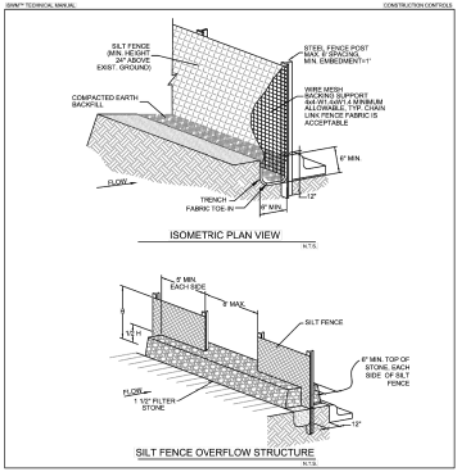


FIGURE 3.28 STANDARD CONSTRUCTION DETAIL - FOR SILT FENCE (1 OF 2)

SILT FENCE GENERAL NOTES:

1. DESIGN SHALL SHOW ON THE DRAWINGS THE LOCATIONS WHERE OVERFLOW STRUCTURES SHALL BE INSTALLED. OVERFLOW STRUCTURES ARE REQUIRED AT ALL LOW POINTS AND AT A SPACING OF APPROXIMATELY 300 FEET WHERE NO LOW POINT IS APPARENT.

2. DESIGNER SHALL SHOW ON THE DRAWINGS THE LOCATIONS WHERE SILT FENCE IS TO BE TURNED UPSLOPE AT THE ENDS. UPSLOPE LENGTHS SHALL BE A MINIMUM OF 10 FEET.

3. POST WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.

4. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW.

5. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.

6. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH SUPPORT POST OR TO WIRE BACKING, WHICH IN TURN IS ATTACHED TO THE FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.

7. INSPECTION SHALL BE AS SPECIFIED IN THE SWPPP. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.

8. SILT FENCE SHALL BE REMOVED WHEN FINAL STABILIZATION IS ACHIEVED OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED.

9. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

10. SEE NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.5

FIGURE 3.28 NOTES FOR SILT FENCE (2 OF 2)

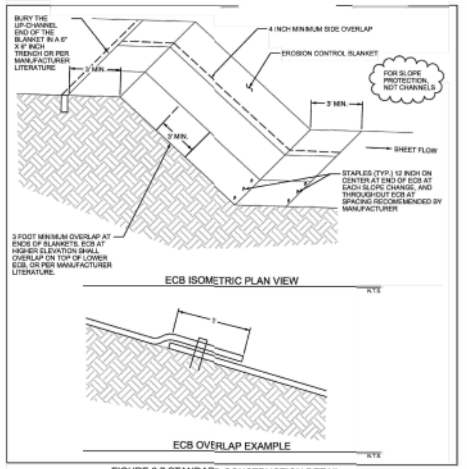


FIGURE 2.7 STANDARD CONSTRUCTION DETAIL - TEMPORARY EROSION CONTROL BLANKETS (1 OF 2)

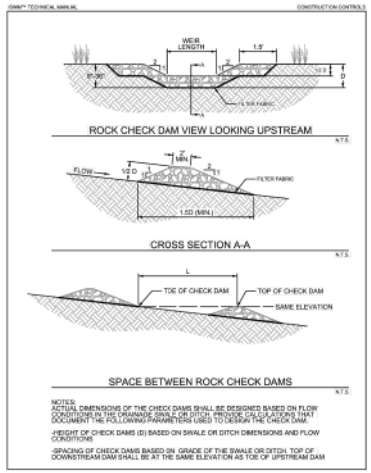


FIGURE 2.1 STANDARD CONSTRUCTION DETAIL - ROCK CHECK DAMS (1 OF 2)

ROCK CHECK DAM GENERAL NOTES:

1. SEE NCTCOG STANDARD SPECIFICATIONS (2017), SECTION 202.9 CHECK DAM (ROCK).

2. STONE SHALL BE WELL GRADED WITH SIZE RANGE FROM 1 1/2 TO 3 1/2 INCHES IN DIAMETER DEPENDING ON EXPECTED FLOWS.

3. THE CHECK DAM SHALL BE INSPECTED AS SPECIFIED IN THE SWPPP AND SHALL BE REPLACED WHEN THE STRUCTURE CEASES TO FUNCTION AS INTENDED DUE TO SILT ACCUMULATION AMONG THE ROCKS, WASHOUT, CONSTRUCTION TRAFFIC DAMAGE, ETC.

4. WHEN SILT REACHES A DEPTH EQUAL TO ONE-THIRD OF THE HEIGHT OF THE CHECK DAM OR ONE FOOT, WHICHEVER IS LESS, THE SILT SHALL BE REMOVED AND DISPOSED OF PROPERLY.

5. WHEN THE SITE HAS ACHIEVED FINAL STABILIZATION OR ANOTHER EROSION OR SEDIMENT CONTROL DEVICE IS EMPLOYED, THE CHECK DAM AND ACCUMULATED SILT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER.

FIGURE 2.1 NOTES ON ROCK CHECK DAM (2 OF 2)

EROSION CONTROL BLANKETS GENERAL NOTES:

1. SEE NCTCOG STANDARD SPECIFICATIONS (2017) SECTION 202.15.

2. PRIOR TO THE INSTALLATION OF ANY EROSION CONTROL BLANKETS, ALL ROCKS, DIRT CLODS, STUMPS, ROOTS, TRASH AND ANY OTHER OBSTRUCTIONS THAT WOULD PREVENT THE BLANKET FROM LYING IN DIRECT CONTACT WITH THE SOIL SHALL BE REMOVED. ANCHOR TRENCHING SHALL BE LOCATED ALONG THE ENTIRE PERIMETER OF THE INSTALLATION AREA, EXCEPT FOR SMALL AREAS WITH LESS THAN 2% SLOPE.

3. INSTALLATION AND ANCHORING SHALL CONFORM TO THE RECOMMENDATIONS SHOWN WITHIN THE MANUFACTURER'S PUBLISHED LITERATURE FOR THE APPROVED EROSION CONTROL BLANKET. PARTICULAR ATTENTION MUST BE PAID TO JOINTS AND OVERLAPPING MATERIAL.

4. IN ABSENCE OF MANUFACTURE'S LITERATURE, A MINIMUM 11-GUAGE WIRE STAPLES, 6-INCHES IN LENGTH AND 1-INCH WIDTH WILL BE USED.

5. AFTER APPROPRIATE INSTALLATION, THE BLANKETS SHOULD BE CHECKED FOR UNIFORM CONTACT WITH THE SOIL, SECURITY OF THE LAP JOINTS, AND FLUSHNESS OF THE STAPLES WITH THE GROUND.

6. INSPECTION SHALL BE AS SPECIFIED IN THE SWPPP.

FIGURE 2.7 NOTES ON TEMPORARY EROSION CONTROL BLANKETS (2 OF 2)

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142544
4/2/2026

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TEXAS ENGINEERING FIRM #429 | TEXAS SURVEYING FIRM #10035300

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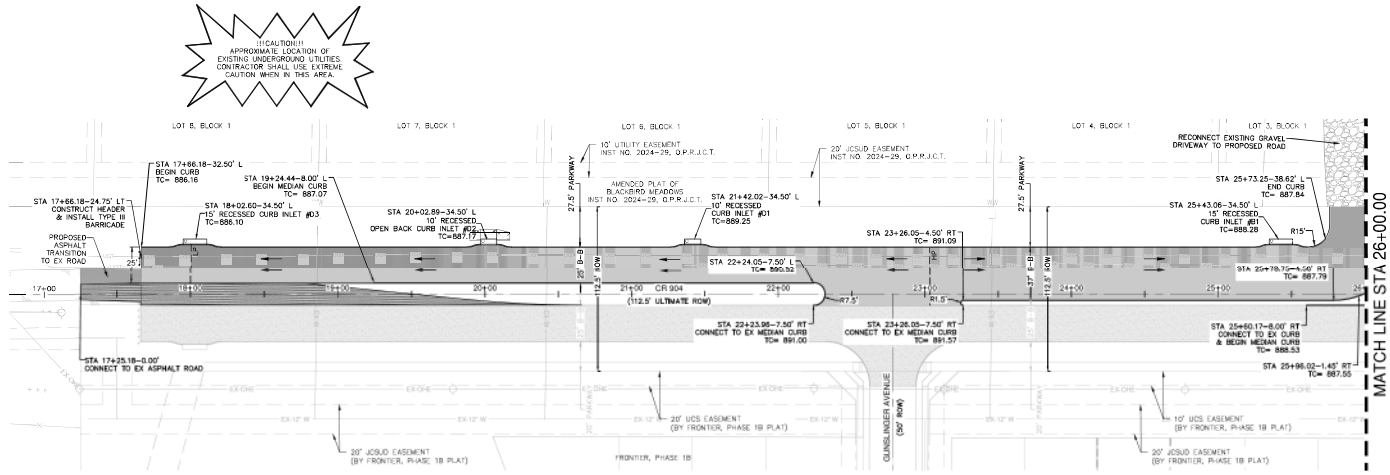
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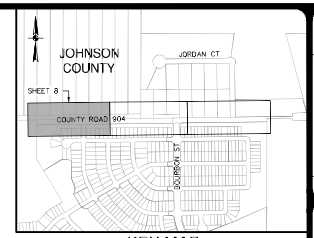
EROSION CONTROL DETAILS (2)

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 7

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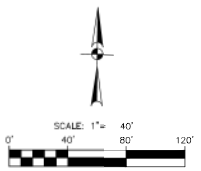




KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB 3/8" IR	HUB 60D NAIL	HUB 3/8" IR	HUB 3/8" IR	HUB 3/8" IR
N:6953620.362	N:6953935.465	N:6943154.026	N:6941080.582	N:6942053.285
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LEGEND

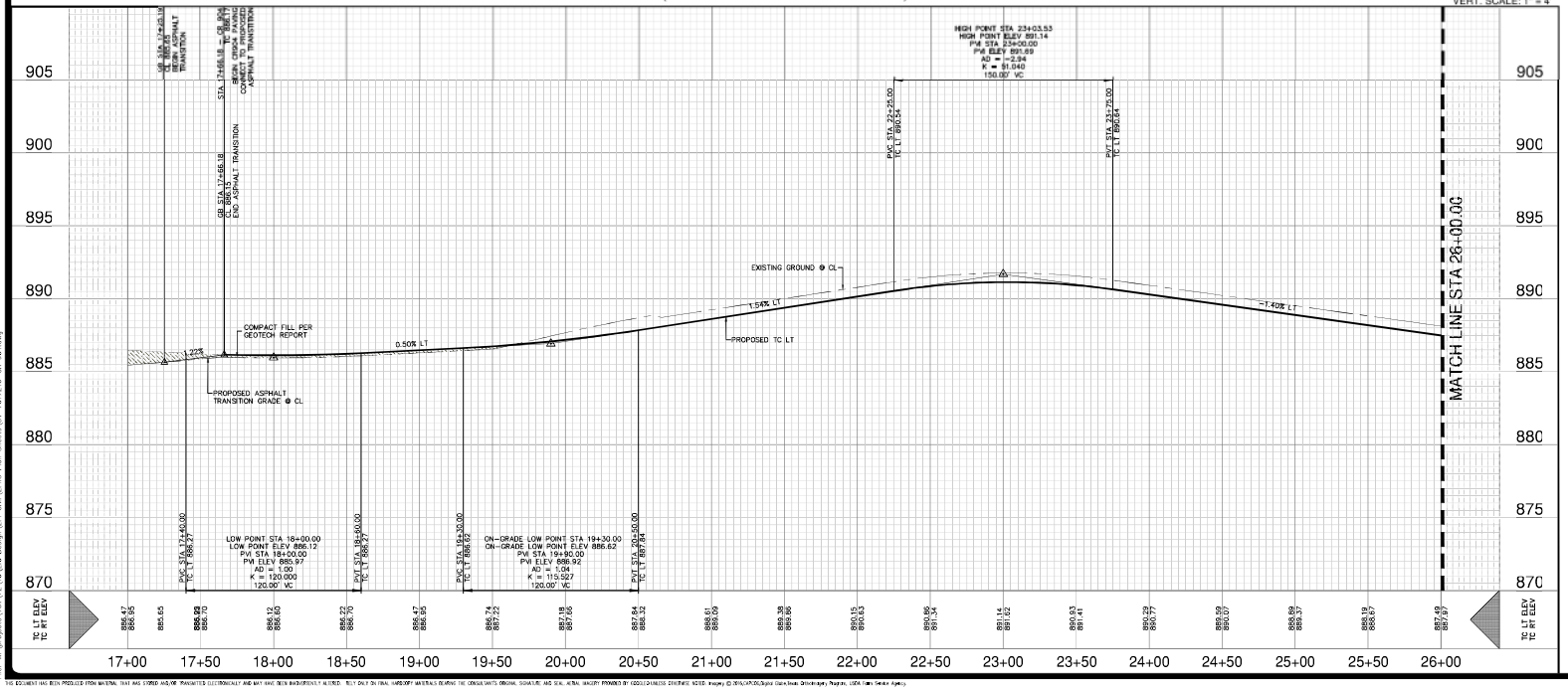
- PROPOSED CONCRETE PAVEMENT (THIS CONTRACT)
- EXISTING ASPHALT (TO REMAIN)
- PROPOSED ASPHALT (THIS CONTRACT)
- EXISTING CONCRETE (TO REMAIN)
- VC — VALLEY GUTTER
- HP—HIGH POINT — TC=TOP OF CURB
- LP—LOW POINT — TP=TOP OF PAVEMENT

NOTES

1. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND WILL BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL PROTECT ALL EXISTING TREES, FENCES, RETAINING WALLS AND STRUCTURES UNLESS OTHERWISE NOTED.
3. ALL CURB RADII SHALL BE 30' TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. CONCRETE PAVEMENT SHALL BE MACHINE PLACED EITHER BY MECHANICAL VIBRATORY SCREED OR SLIP FORM PAVER UNLESS OTHERWISE APPROVED BY CITY.
5. CONTRACTOR TO TURNDOWN CURB AND CONNECT TO EXISTING DRIVEWAY LOCATIONS (SEE DETAIL ON SHEET 12).
6. REFER TO RESIDENTIAL DRIVEWAY APPROACH FOR CONSTRUCTION OF PROPOSED DRIVEWAYS

DESIGN SPEED: 40 MPH
COUNTY ROAD 904
(STA 17+00.00 TO STA 26+00.00)

HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'



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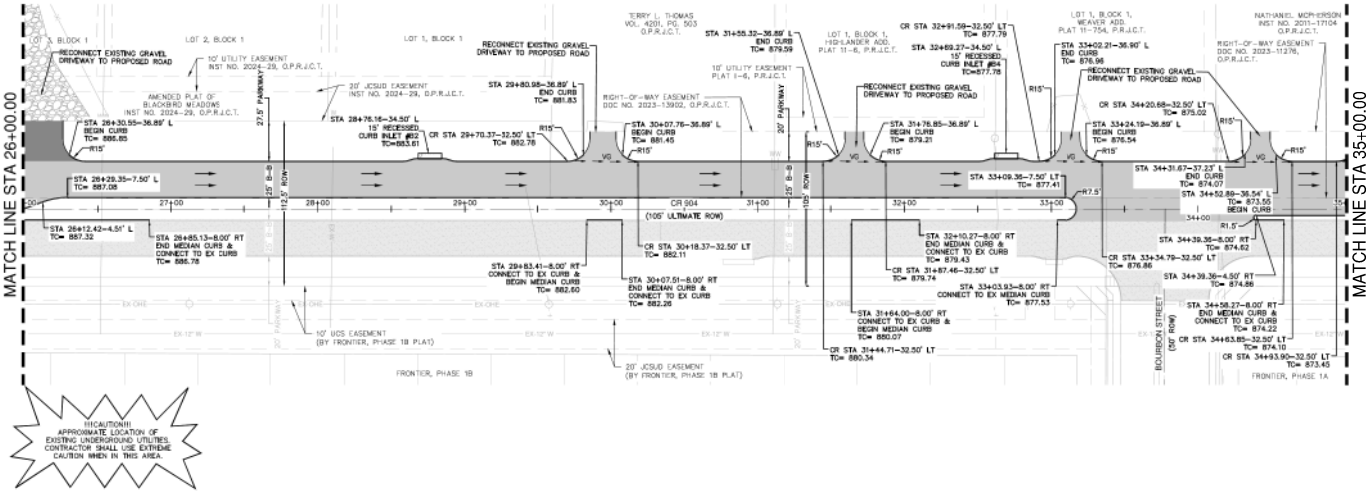
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TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280-00

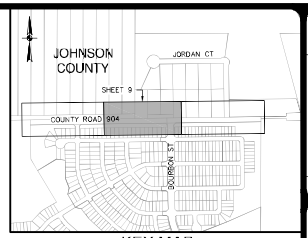
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

PAVING PLAN & PROFILE - CR 904
STA 17+00.00 TO STA 26+00.00

PLAT NO.	N/A
JOB NO.	70172-10
DATE	APRIL 2026
DESIGNER	SM
CHECKED	AR
DRAWN	SM
SHEET	8

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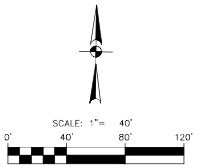




KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IR	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N:6935623.362	N:6936585.455	N:6942154.006	N:6941080.582	N:6942053.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5780	ELEV: 866.8780	ELEV: 861.7680	ELEV: 894.1260



LEGEND

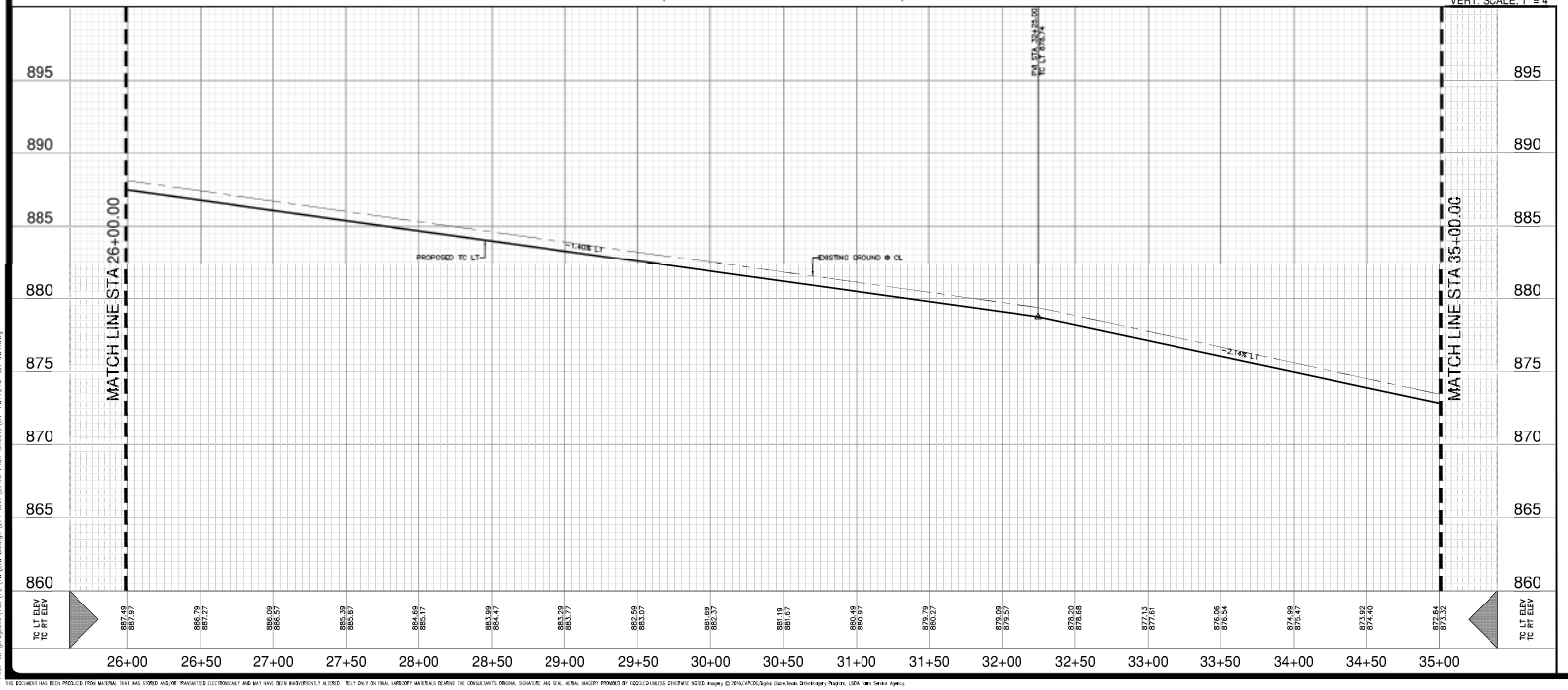
- PROPOSED CONCRETE PAVEMENT (THIS CONTRACT)
- EXISTING ASPHALT (TO REMAIN)
- PROPOSED ASPHALT (THIS CONTRACT)
- EXISTING CONCRETE (TO REMAIN)
- VG — VALLEY GUTTER
- HP—HIGH POINT
- TC—TOP OF CURB
- LP—LOW POINT
- TP—TOP OF PAVEMENT

NOTES

1. ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND WILL BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL PROTECT ALL EXISTING TREES, FENCES, RETAINING WALLS AND STRUCTURES UNLESS OTHERWISE NOTED.
3. ALL CURB RADII SHALL BE 30' TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. CONCRETE PAVEMENT SHALL BE MACHINE PLACED EITHER BY MECHANICAL VIBRATORY SCREED OR SLIP FORM PAVER UNLESS OTHERWISE APPROVED BY CITY.
5. CONTRACTOR TO TURNDOWN CURB AND CONNECT TO EXISTING DRIVEWAY LOCATIONS (SEE DETAIL ON SHEET 12).
6. REFER TO RESIDENTIAL DRIVEWAY APPROACH FOR CONSTRUCTION OF PROPOSED DRIVEWAYS

DESIGN SPEED: 40 MPH
COUNTY ROAD 904
(STA 26+00.00 TO STA 35+00.00)

HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'



DATE	REVISION	NO.

ANNA JANE ROSCOE 142544 LICENSED PROFESSIONAL ENGINEER 4/2/2026

PAPE-DAWSON
6100 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280-00

CR 904 IMPROVEMENTS - WESTBOUND

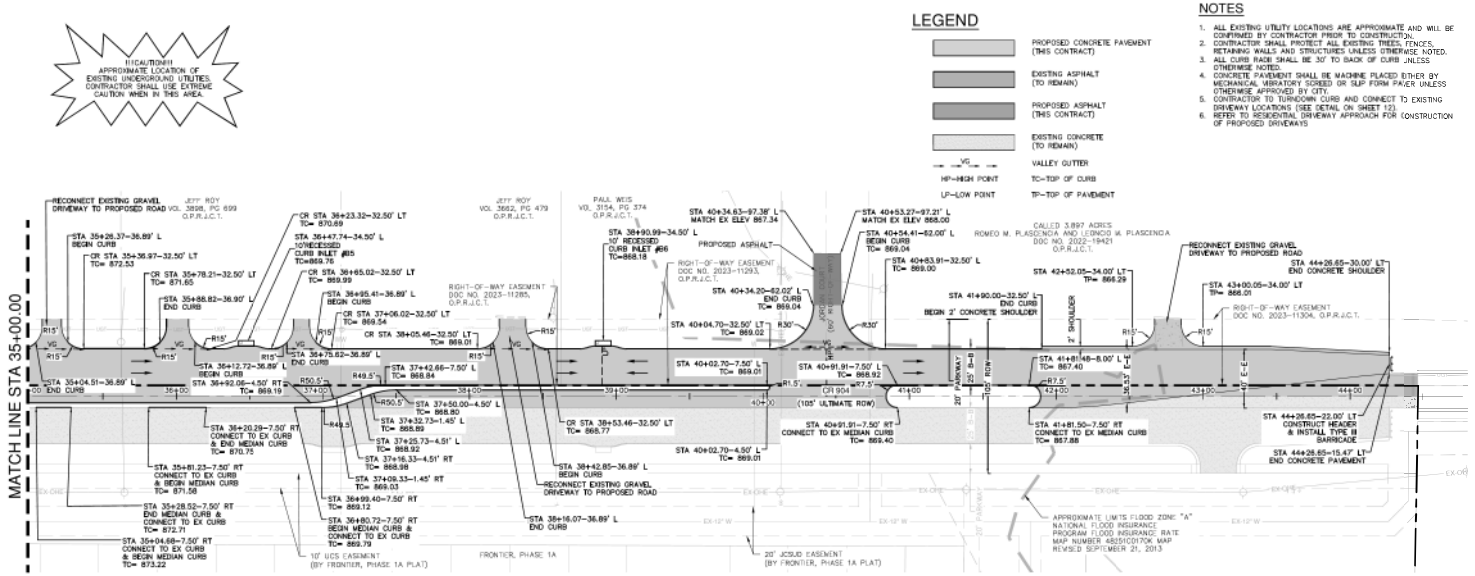
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

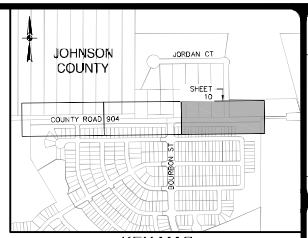
PAVING PLAN & PROFILE - CR 904
STA 26+00.00 TO STA 35+00.00

PLAT NO.	N/A
JOB NO.	70172-10
DATE	APRIL 2026
DESIGNER	SM
CHECKED	AR
DRAWN	SM
SHEET	9

ISSUED FOR CONSTRUCTION SET

Date: April 21, 2026, 11:39 AM — User: @_sjohnson
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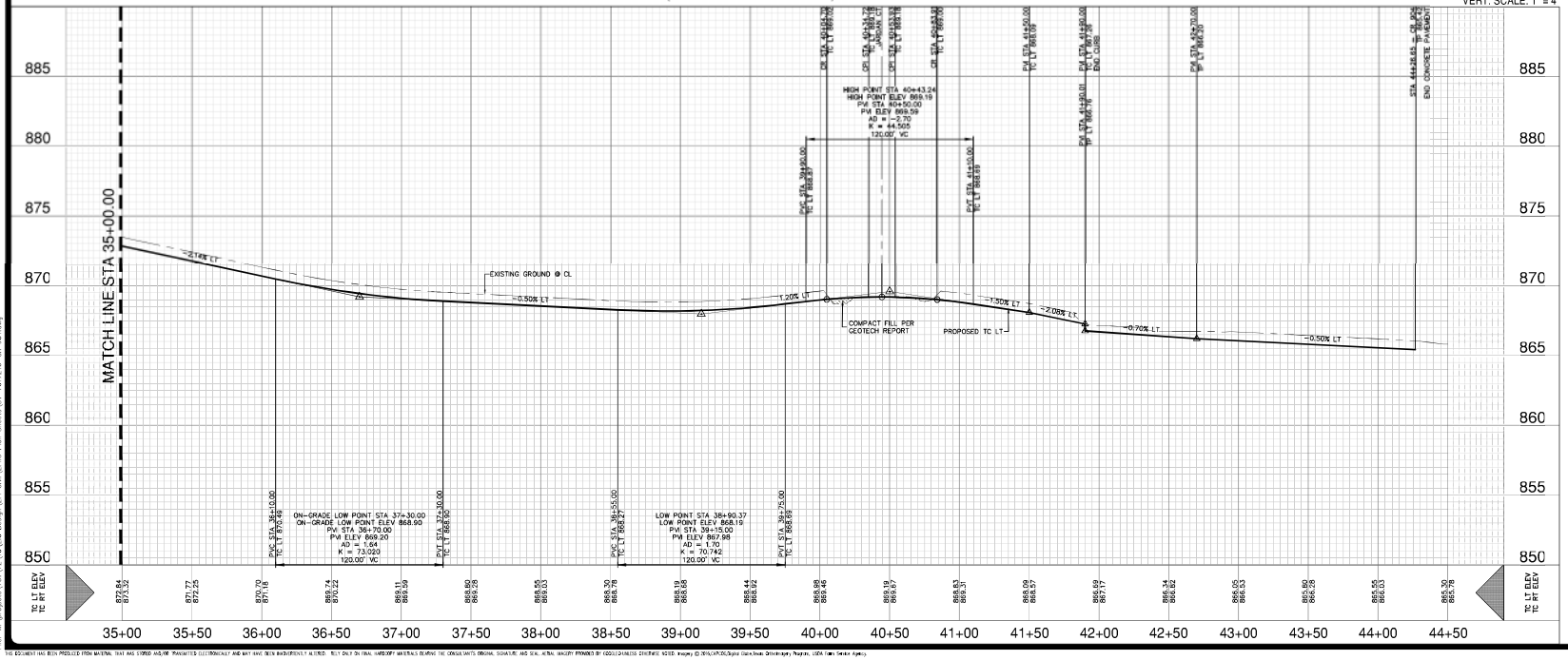
KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6838623.362	N:6838585.455	N:6843154.006	N:6841080.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5780	ELEV: 868.6780	ELEV: 861.7680	ELEV: 894.1260

DESIGN SPEED: 40 MPH
COUNTY ROAD 904
(STA 35+00.00 TO END)

HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'



PAPE-DAWSON
6100 TOM NORTHCOTT PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280-00

NO.	REVISION	DATE

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

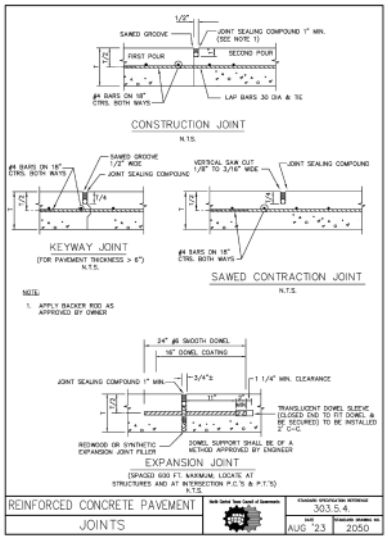
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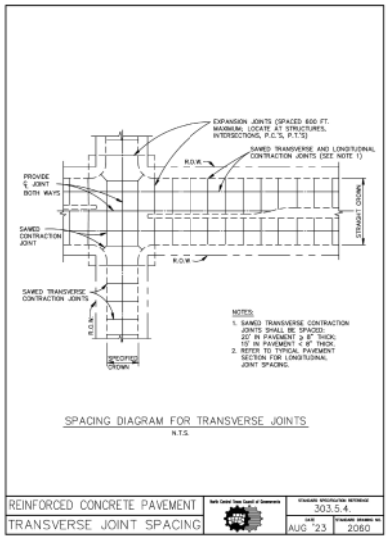
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JOB NO. 70172-10
DATE APRIL 2026
DESIGNER SM
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SHEET 10

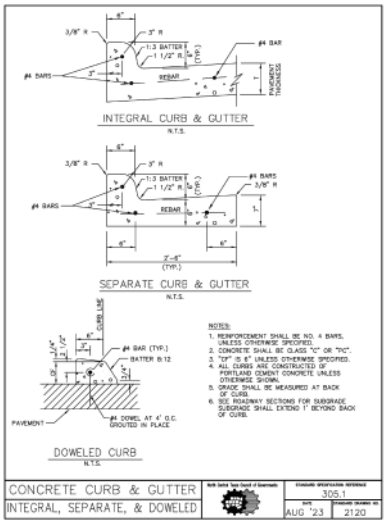
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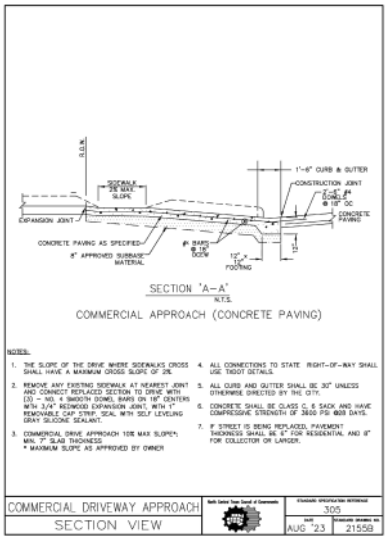
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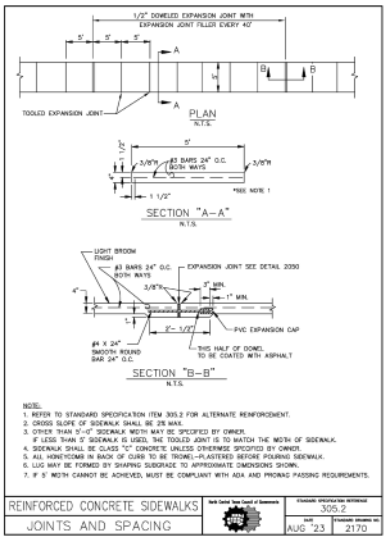
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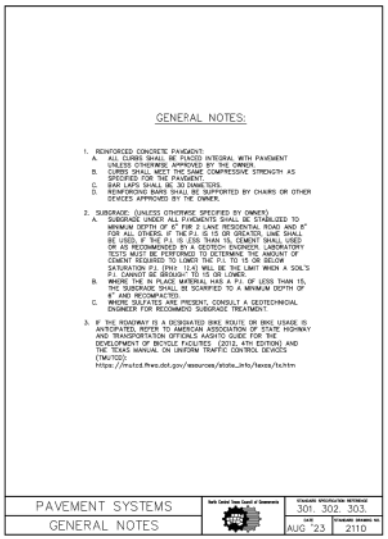


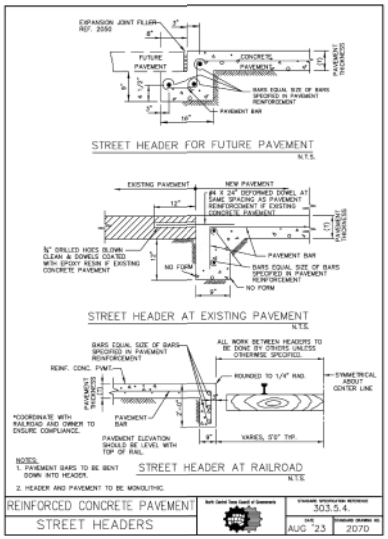


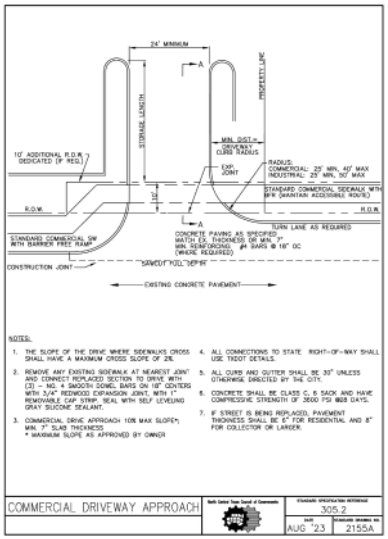












NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

PAPE–DAWSON
6100 TOWNSON PKWY, STE 200 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

PAVING DETAILS

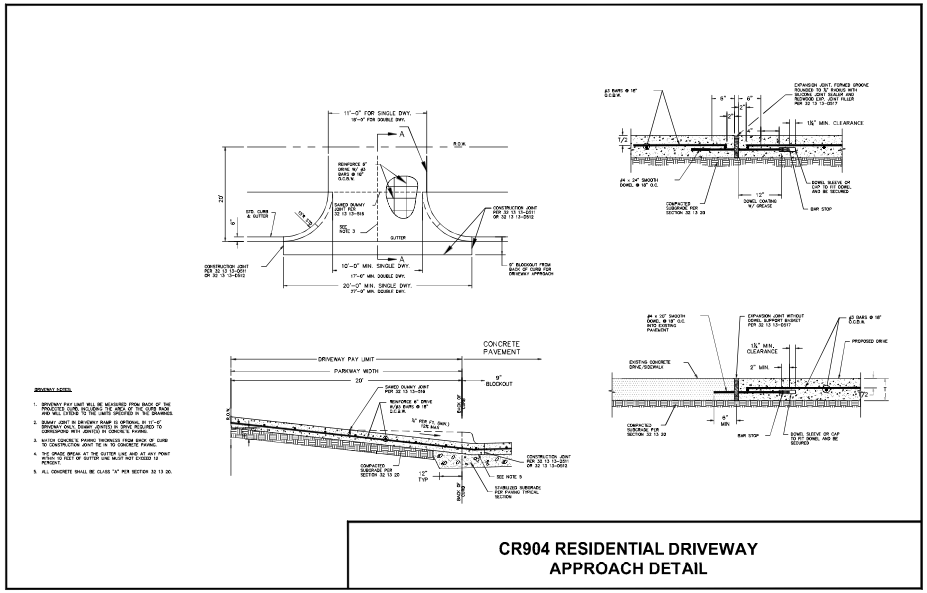
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 11

ISSUED FOR CONSTRUCTION SET

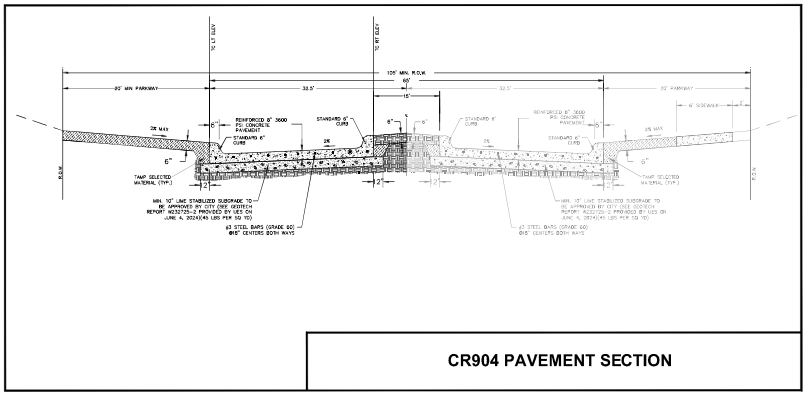
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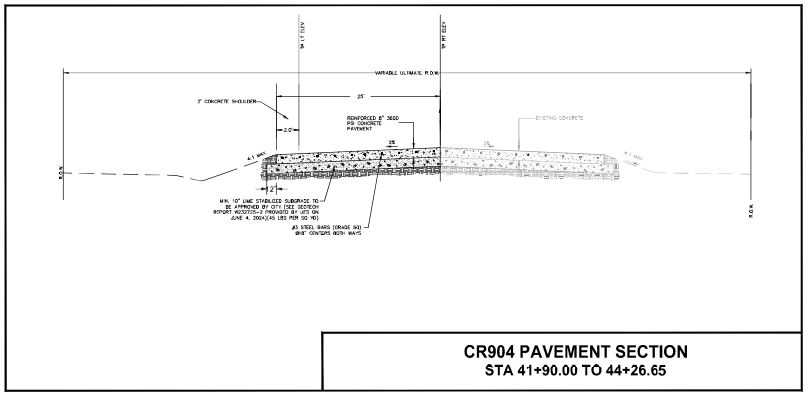
THE CLIENT CONTRACTED WITH UES TO PREPARE A FINAL GEOTECHNICAL EXPLORATION REPORT FOR WRIGHT FARMS/FRONTIER CR904. CONTRACTOR SHALL REFERENCE THIS GEOTECHNICAL REPORT NO. W232725-2, ADDENDUM W232725-B AND ADDENDUM W232725-2-REV1 PERFROMED BY UES ON JUNE 4, 2024, OCTOBER 3, 2024, AND JANUARY 22, 2025 RESPECTIVELY.



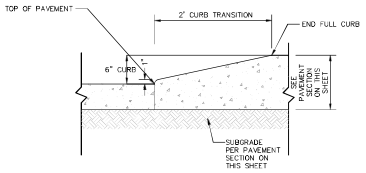
CR904 RESIDENTIAL DRIVEWAY APPROACH DETAIL



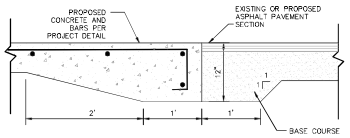
CR904 PAVEMENT SECTION



CR904 PAVEMENT SECTION
STA 41+90.00 TO 44+26.65



CURB TRANSITION DETAIL
NOT-TO-SCALE



CONCRETE/ASPHALT JUNCTURE DETAIL
NOT-TO-SCALE

NO. | REVISION | DATE

ANNA JANE ROSCOE
142544
ENGINEERING
4/2026

PAPE-DAWSON
8100 TOWNSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.8944
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028300

CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

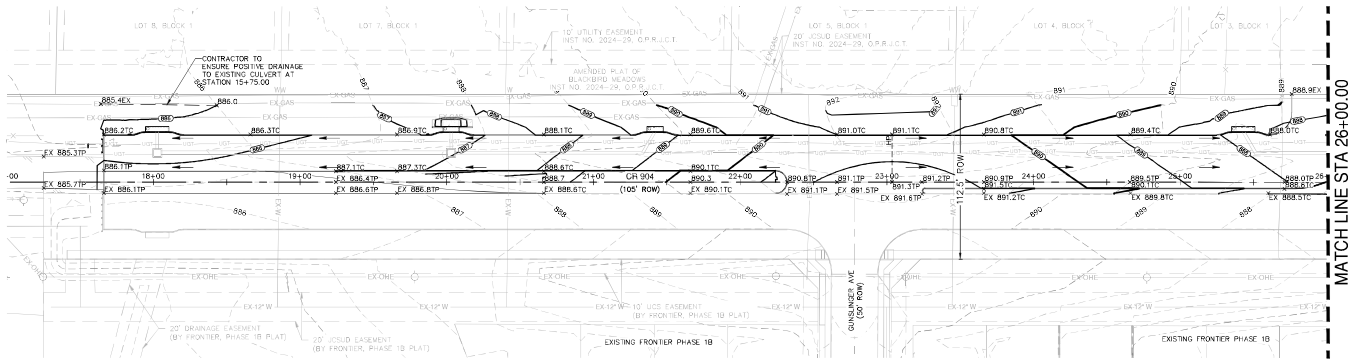
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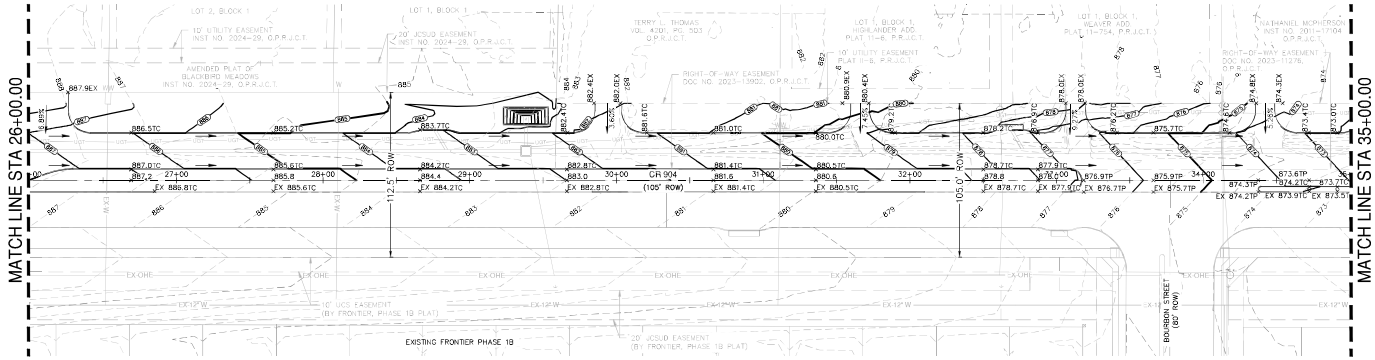
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JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
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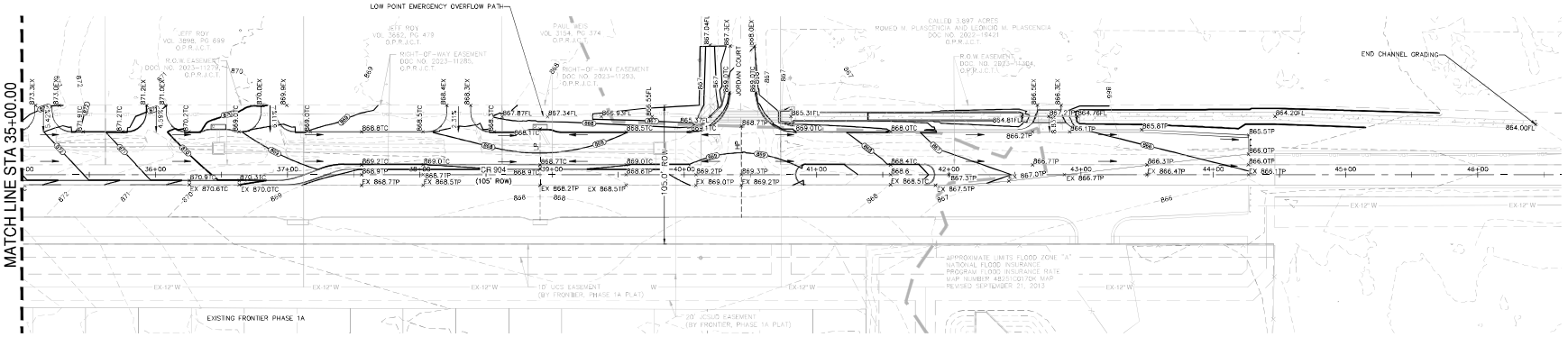
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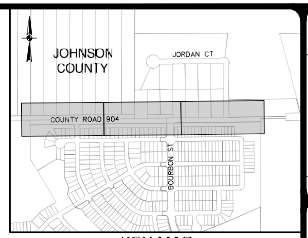
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ISSUED FOR CONSTRUCTION SET









KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IR	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N:6838620.362	N:6838595.453	N:6842154.006	N:6841085.582	N:6842053.285
E:2298697.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8780	ELEV:861.7680	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

600	PROPOSED CONTOUR
600	EXISTING CONTOUR
	PROPOSED RETAINING WALL
VG	VALLEY GUTTER
	FLOW ARROW
FF	FINISHED FLOOR
FG	FINISHED GRADE
FP	FINISHED PAD
FL	FLOW LINE
TC	TOP OF CURB
TP	TOP OF PAVEMENT
TW	TOP OF WALL
BW	BOTTOM OF WALL
EW	END OF WALL
A	LOT GRADING TYPE

NO.	REVISION	DATE

ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

PAPE-DAWSON
6100 TENNYSON PKWY, STE 240 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM 4629 | TEXAS SURVEYING FIRM #100288-00

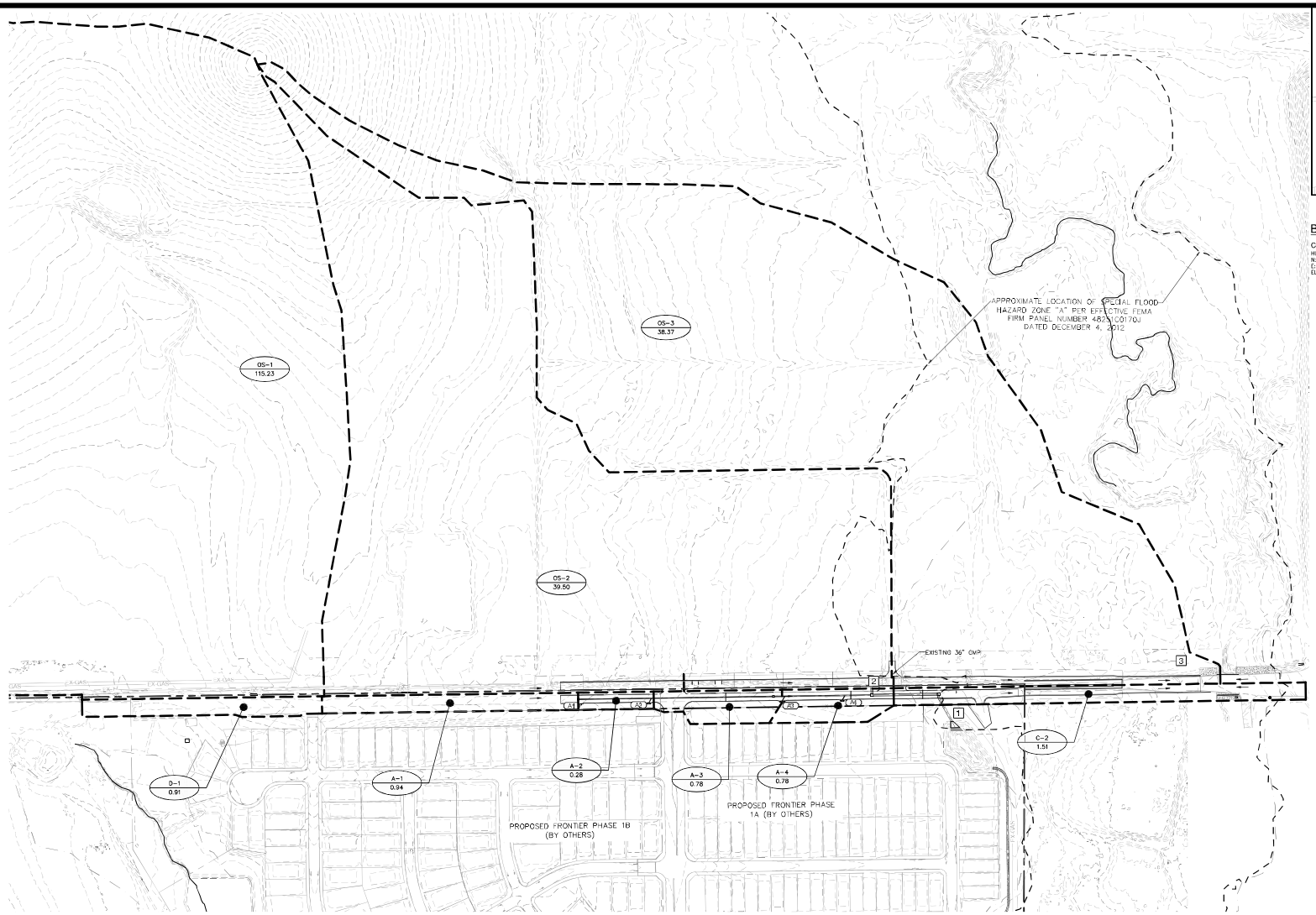
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

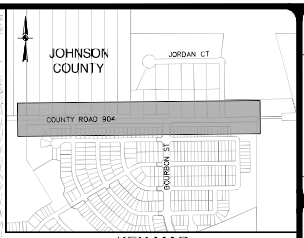
GRADING PLAN

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER SM
CHECKED AR DRAWN SM
SHEET 13

ISSUED FOR CONSTRUCTION SET

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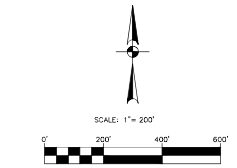




KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IR	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N:6838620.362	N:6838595.463	N:6843154.006	N:6841085.582	N:6842053.285
E:2298087.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8780	ELEV:861.7680	ELEV:894.1260



LEGEND

- DRAINAGE DIVIDE
- A-1 / 1.00 — DRAINAGE AREA / ACRES
- 1 — DESIGN POINT
- FLOW ARROW
- 600' — PROPOSED CONTOUR
- 600 — EXISTING CONTOUR
- PROPOSED STORM DRAIN

EXISTING DRAINAGE AREA CALCULATIONS

Area No.	Area (ac)	Runoff Coeff.	CA	Tc (min)	I5 (in/hr)	Q5 (cfs)	I50 (in/hr)	Q50 (cfs)	I100 (in/hr)	Q100 (cfs)	Comments
Onsite											
A-1	0.94	0.90	0.85	10.0	6.00	5.08	8.40	7.11	9.00	7.61	EX SD-A1
A-2	0.28	0.90	0.25	10.0	6.00	1.51	8.40	2.12	9.00	2.27	EX SD-A1
A-3	0.78	0.90	0.70	10.0	6.00	4.21	8.40	5.90	9.00	6.32	EX SD-A1
A-4	0.78	0.90	0.70	10.0	6.00	4.21	8.40	5.90	9.00	6.32	EX SD-A1
C-2	1.51	0.90	1.38	10.0	6.00	8.26	8.40	11.57	9.00	12.39	Flow Offsite
D-1	0.91	0.90	0.82	10.0	6.00	4.91	8.40	6.88	9.00	7.37	EX SD-D1
OS-1	115.23	0.45	51.85	24.8	4.20	217.78	6.27	325.12	6.80	342.23	Flow Offsite
OS-2	39.50	0.45	17.78	23.2	4.40	78.21	6.49	115.36	6.80	120.87	Flow to Jordan CT Culvert
OS-3	38.37	0.45	17.27	23.0	4.40	75.97	6.49	112.06	6.80	117.41	Flow Offsite
CALC POINT 1 (A-1-A-4)	2.78	0.90	2.50	14.0	5.46	13.66	7.65	19.14	8.25	20.64	Flow out of SD-A1
CALC POINT 2 (OS-2)	39.50	0.45	17.78	23.2	4.40	78.21	6.49	115.36	6.80	120.87	Flow to Jordan CT Culvert
CALC POINT 3 (OS-2 & OS-3)	77.87	0.45	35.06	23.2	4.40	154.18	6.49	227.42	6.80	238.28	Flow Offsite
TOTAL	198.52					469.16				622.80	

Time of Concentration

Drainage Area	Total Length (ft)	Overland (Sheet) Flow: Length (ft)	n	P_2 (in)	Slope (ft/ft)	Travel Time (min)	Shallow Concentrated Flow: Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	Travel Time (min)	Channel/Pipe Flow: Length (ft)	Velocity (ft/s)	Travel Time (min)	Time of Concentration (min)
OS-1	3149	100	0.24	3.60	0.043	9.8	1110	0.041	Unpaved	3.27	5.7				
										0.00		1939	3.5	9.2	24.8
OS-2	2463	100	0.13	3.36	0.035	14.8	164	0.005	Unpaved	1.20	2.3				
										0.00		2199	6.0	6.1	23.2
OS-3	3116	100	0.13	3.36	0.037	6.7	1264	0.013	Unpaved	1.80	11.4				
										0.00		1752	6.0	4.9	23.0

UTILITY NOTE

THE EXISTING UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF THE UTILITY INFORMATION ON THE PLANS. THE CONTRACTOR SHALL CONTACT A UTILITY LOCATING SERVICE 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND OF ALL EXISTING UTILITIES AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

NO.	REVISION	DATE

PAPE-DAWSON
6100 TENNYSON PKWY, STE 240 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

EXISTING DRAINAGE AREA MAP

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 14

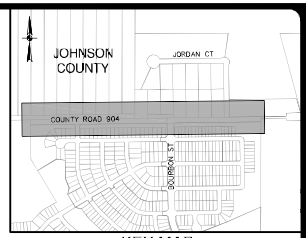
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Time of Concentration																
		Overland (Sheet) Flow					Shallow Concentrated Flow					Channel/Pipe Flow				
Drainage Area	Total Length (ft)	Length (ft)	n	P_2 (in)	Slope (ft/ft)	Travel Time (min)	Length (ft)	Slope (ft/ft)	Surface Type	Velocity (ft/s)	Travel Time (min)	Length (ft)	Velocity (ft/s)	Travel Time (min)	Time of Concentration (min)
OS-1c	3349	100	0.24	5.80	0.043	9.9	1150	0.041	Unpaved	5.27	5.7	1999	9.5	3.2	24.8
										0.00					
OS-2c	1382	100	0.13	5.36	0.005	14.8	164	0.005	Unpaved	1.39	2.3	1218	6.0	3.3	30.2
										0.00					
OS-3c	1273	100	0.13	5.36	0.021	8.4	988	0.014	Unpaved	3.89	8.7	185	6.0	0.5	17.6
										0.00					
OS-4a	1982	100	0.13	5.36	0.027	7.6	331	0.024	Unpaved	3.52	2.2	1451	6.0	4.0	13.8
										0.00					
OS-4b	3116	100	0.13	5.36	0.037	6.7	1264	0.015	Unpaved	1.84	11.4	1752	6.0	4.9	23.0
										0.00					

ULTIMATE DRAINAGE AREA CALCULATIONS

Area No.	Area (ac)	Runoff (cfs)	CA	Tc (min)	I (in/hr)	CIA (cfs)	I10 (in/hr)	I25 (in/hr)	I50 (in/hr)	I100 (in/hr)	Comments
Onsite											
D-1	0.59	3.00	0.51	10	6.00	3.06	6.60	7.92	8.40	9.57	Flow to Inlet B1
D-2	0.42	2.00	0.38	10	6.00	2.27	6.60	7.92	8.40	9.57	Flow to Inlet B1
D-3	0.55	2.00	0.48	10	6.00	2.86	6.60	7.92	8.40	9.57	Flow to Inlet B4
D-4	0.46	2.00	0.42	10	6.00	2.48	6.60	7.92	8.40	9.57	Flow to Inlet B5
D-5	0.48	2.00	0.42	10	6.00	2.54	6.60	7.92	8.40	9.57	Flow to Inlet B6
EX A-1	0.99	3.00	0.60	10	6.00	3.58	6.60	7.92	8.40	9.57	Flow to EX Inlet A1
EX A-2	0.28	2.00	0.25	10	6.00	1.51	6.60	7.92	8.40	9.57	Flow to EX Inlet A2
EX A-3	0.78	2.00	0.52	10	6.00	3.08	6.60	7.92	8.40	9.57	Flow to EX Inlet A3
EX A-4	0.78	3.00	0.47	10	6.00	2.82	6.60	7.92	8.40	9.57	Flow to EX Inlet A4
E-1a	0.79	3.00	0.75	10	6.00	4.47	6.60	7.92	8.40	9.57	Flow to EX RCB Culvert
E-1b	0.00	3.00	0.00	10	6.00	0.00	6.60	7.92	8.40	9.57	Flow to EX RCB Culvert
EX E-2	1.51	3.00	1.06	10	6.00	6.35	6.60	7.92	8.40	9.57	Flow to EX Inlet E2
EX E-3	0.65	3.00	0.42	10	6.00	2.55	6.60	7.92	8.40	9.57	Flow to EX Inlet E3
C-1	0.53	3.00	0.39	10	6.00	2.29	6.60	7.92	8.40	9.57	Flow to Inlet C1
C-2	0.19	3.00	0.17	10	6.00	1.03	6.60	7.92	8.40	9.57	Flow to Inlet C2
C-3	0.66	3.00	0.59	10	6.00	3.51	6.60	7.92	8.40	9.57	Flow to Inlet C3
OS-1a	1.24	3.45	0.79	10	6.00	5.25	6.60	7.92	8.40	9.57	Flow to Inlet D1
OS-1b	2.60	3.45	1.38	10	6.00	7.38	6.60	7.92	8.40	9.57	Flow to Inlet D2
OS-1c	110.12	3.45	49.55	21.8	4.20	288.13	4.87	5.85	6.20	7.06	Flow Offsite
OS-2a	1.47	3.45	0.66	10	6.00	3.87	6.60	7.92	8.40	9.57	Flow to Inlet B1
OS-2b	1.26	3.45	0.57	10	6.00	3.40	6.60	7.92	8.40	9.57	Flow to Inlet B2
OS-2c	18.63	3.45	8.38	20.2	4.40	88.96	5.33	6.40	6.79	7.73	Flow to Inlet B3
OS-3a	0.71	3.45	0.32	10	6.00	1.92	6.60	7.92	8.40	9.57	Flow to Inlet B4
OS-3b	1.36	3.45	0.61	10	6.00	3.67	6.60	7.92	8.40	9.57	Flow to Inlet B5
OS-3c	1.68	3.45	0.76	10	6.00	4.54	6.60	7.92	8.40	9.57	Flow to Culvert C
OS-3d	12.29	3.45	5.53	17.6	5.20	28.76	5.52	10.53	7.12	10.58	Flow to Culvert C
OS-4a	3.73	3.45	1.68	13.8	5.46	9.16	5.96	12.88	7.55	11.84	Flow to Channel C
OS-4b	33.51	3.45	15.08	23	3.80	66.81	5.05	76.55	6.81	93.84	Flow to EX RCB Culvert
OS-4c (E-1 & E-1b, OS-1a, OS-1b, OS-1c)	25.54	3.49	12.44	21.33	4.08	50.80	4.60	62.12	6.72	83.61	Flow to OS-B
CALCPOINT2 (OS-2a & OS-2b)	13.97	3.45	6.29	17.80	5.20	32.69	5.50	33.68	7.12	44.78	Flow to Culvert C
CALCPOINT3 (OS-2c, OS-3d, OS-4a)	17.31	3.45	7.97	18.93	5.00	39.85	5.40	43.01	7.04	56.07	Flow to Driveway Culvert
CALCPOINT4 (OS-3c, OS-3d, OS-4a, C-1b)	18.36	3.47	8.56	19.33	4.96	42.41	5.43	46.48	6.95	59.89	Flow to Channel C
CALCPOINT5 (E-1 & E-1b, OS-1a, OS-1b)	5.10	3.54	2.77	10.39	6.00	16.65	6.60	18.35	8.40	23.38	Flow to Existing RCB
CALCPOINT6 (B-1 & B-2, EX A-1 & A-4, OS-2a & OS-2c, OS-3a, OS-3b)	28.22	3.51	14.52	21.33	4.50	65.35	5.15	74.79	6.90	93.52	7.50	103.84	Flow to Channel F
TOTAL	88.67					187.35				267.22		286.83	



KEY MAP
NOT-TO-SCALE

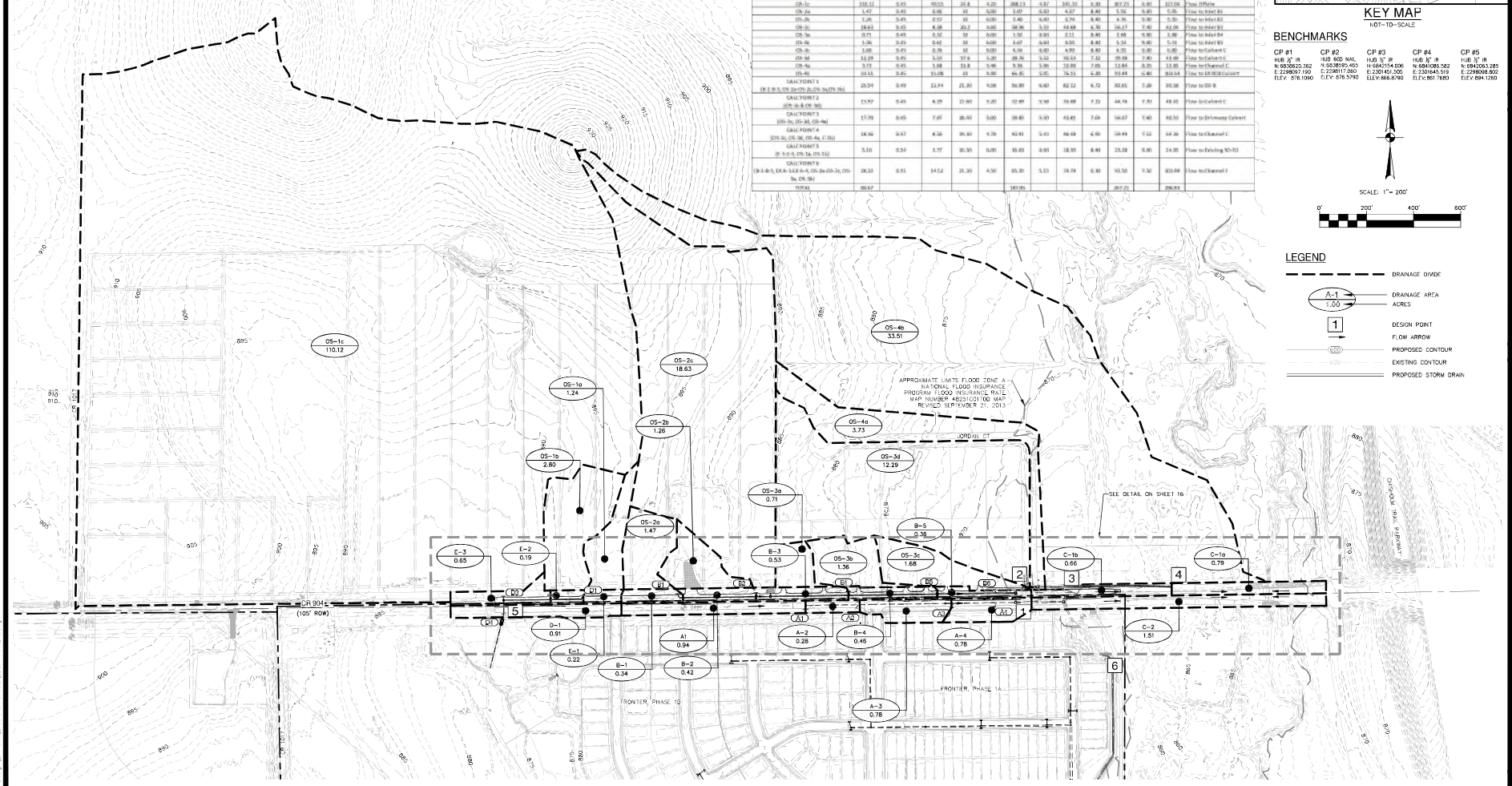
BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N: 6838623.362	N: 6838585.455	N: 6842154.006	N: 6841085.582	N: 6842063.285
E: 2298097.190	E: 2298117.060	E: 2301451.505	E: 2301645.519	E: 2298098.802
ELEV: 876.1090	ELEV: 876.5780	ELEV: 868.8780	ELEV: 861.7680	ELEV: 894.1260

SCALE: 1" = 200'
0' 200' 400' 600'

LEGEND

- DRAINAGE DIVIDE
- A-1 / 1.00 — DRAINAGE AREA / ACRES
- 1 — DESIGN POINT
- FLOW ARROW
- 600 — PROPOSED CONTOUR
- 600 — EXISTING CONTOUR
- PROPOSED STORM DRAIN



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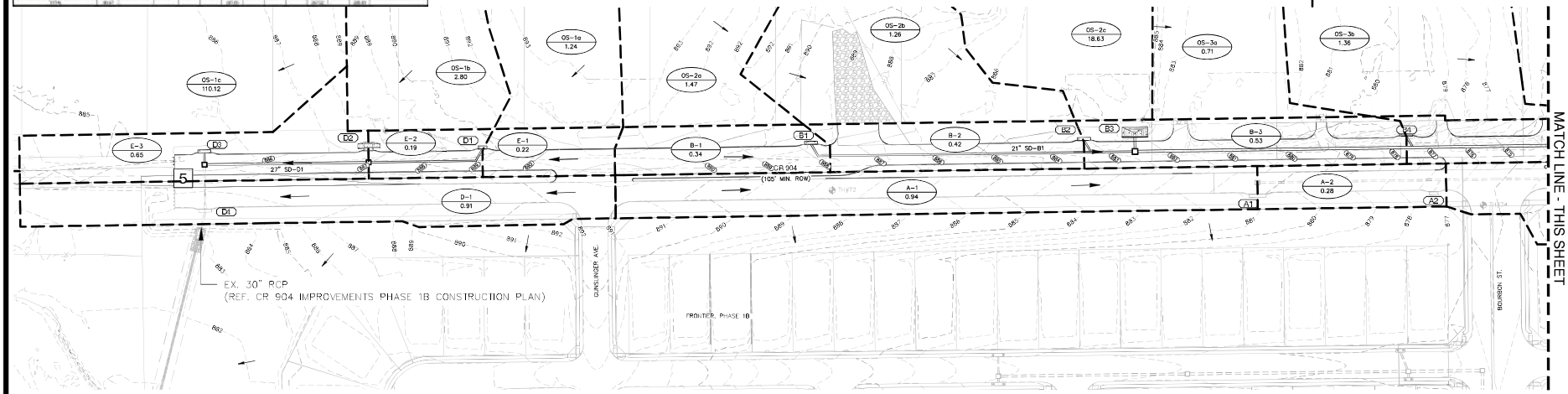
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
DRAINAGE AREA MAP

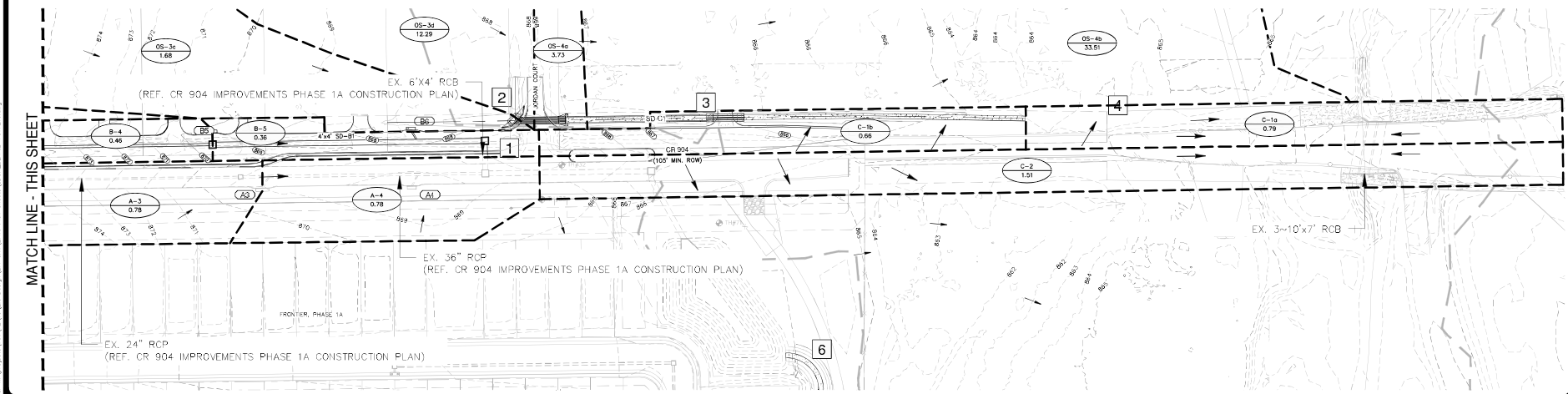
NO.	REVISION	DATE

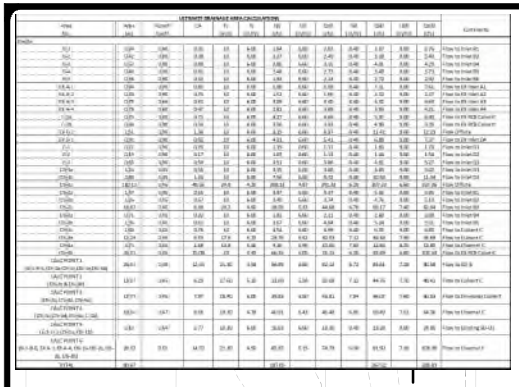
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 15

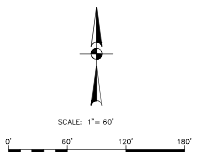
ISSUED FOR CONSTRUCTION SET

Date: April 21, 2026, 11:41 AM — User ID: ashmueller
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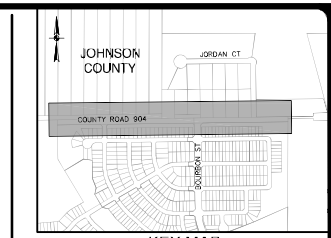






LEGEND

- DRAINAGE DIVIDE
- A-1 / 1.00 — DRAINAGE AREA / ACRES
- 1 — DESIGN POINT
- FLOW ARROW
- 600 — PROPOSED CONTOUR
- 600 — EXISTING CONTOUR
- PROPOSED STORM DRAIN



KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6838623.362	N:6838585.455	N:6843154.006	N:6841085.582	N:6842053.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5780	ELEV:868.6780	ELEV: 861.7680	ELEV: 894.1260

NO.	REVISION	DATE

STATE OF TEXAS — ANNA JANE ROSCOE — 142544 — REGISTERED PROFESSIONAL ENGINEER — 4/2/2026

PAPE-DAWSON
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TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028500

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

DRAINAGE AREA MAP DETAIL

PLAT NO.	N/A
JOB NO.	70172-10
DATE	APRIL 2026
DESIGNER	CL
CHECKED AR	DRAWN CL
SHEET	16

ISSUED FOR CONSTRUCTION SET

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ON-GRADE DEPRESSED CURB INLET CAPACITY CALCULATION TABLE

Design Point	Inlet Inlet No.	Station	Drainage Area Area No	Area (ac)	Runoff Coeff "C"	Time of Concen. (min)	Long Slope "So" (ft/ft)	Cross Slope of Pavement "Sw" (ft/ft)	Cross Slope of Gutter "Sw" (ft/ft)	Depth of Flow "Yo" (ft)	Spread of Flow "T" (ft)	Equivalent Cross Slope "Se" (ft/ft)	Street Section (type)	Manning's Coefficient Pavement n	5 Year Intensity (in/hr)	5 Year Runoff Flow (cfs)	5 Year Carry Over Flow (cfs)	5 Year Gutter Flow "Q" (cfs)	Full Width Street Capacity (cfs)	100 Year Intensity (in/hr)	100 Year Runoff Flow (cfs)	100 Year Carry Over Flow (cfs)	100 Year Gutter Flow "Q" (cfs)	Full Width R.O.W. Capacity (cfs)	Design Storm (5 yr or 100 yr)	Length Required "Lt" (ft)	Length Provided "L" (ft)	"Lt/L"	Efficiency "E"	Inlet Capacity "Qi" (cfs)	5 Year Carry Over Flow "q" (cfs)	100 Year Carry Over Flow "q" (cfs)	Comments
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	21	22	23	24	25	26	27	28	29	30	31	32	
1	B1		B-1 & OS-2a	1.81	0.53	10.00	0.015	0.02	0.17	0.24	12.0	0.12	Minor Arterial (105')	0.013	6.00	5.8		5.8	41.1	9.00	8.7		8.7	101.8	5	16.95	15	0.88	98%	5.7	0.1	0.7	TO INLET B2
1	B2		B-2 & OS-2b	1.68	0.56	10.00	0.014	0.02	0.17	0.24	12.1	0.12	Minor Arterial (105')	0.013	6.00	5.7	0.1	5.8	41.1	9.00	8.5	0.7	9.2	101.8	5	16.77	15	0.89	98%	5.7	0.1	0.8	TO INLET B4
2	B4		B-3 & OS-3a	1.24	0.64	10.00	0.022	0.02	0.17	0.21	10.5	0.13	Minor Arterial (105')	0.013	6.00	4.8	0.1	4.9	41.1	9.00	7.2	0.8	8.0	101.8	5	16.70	15	0.90	98%	4.8	0.1	0.8	TO INLET B5
2	B5		B-4 & OS-3b	1.82	0.56	10.00	0.017	0.02	0.17	0.24	12.0	0.12	Minor Arterial (105')	0.013	6.00	6.2	0.1	6.2	41.1	9.00	9.2	0.8	10.0	101.8	5	18.36	10	0.54	76%	4.7	1.5	3.4	TO INLET B6
4	D1		E-1 & OS-1a	1.46	0.52	10.00	0.015	0.02	0.17	0.22	10.9	0.13	Minor Arterial (105')	0.013	6.00	4.5		4.5	41.1	9.00	6.8		6.8	101.8	5	14.63	10	0.68	87%	4.0	0.6	1.4	TO INLET E2
4	D2		E-2	0.19	0.90	10.00	0.005	0.02	0.17	0.18	9.1	0.15	Minor Arterial (105')	0.013	6.00	1.0	0.6	1.6	41.1	9.00	1.5	1.4	3.0	101.8	5	6.18	10	1.62	100%	1.6	0.0	0.0	TO INLET E3

CAPACITY OF CURB OPENING INLETS AND DROP INLETS IN SUMPS

Design Point	Inlet Inlet No.	Station	Drainage Area Area No	Area (ac.)	Runoff Coeff "C"	Time of Concen. (min.)	Long Slope "So" (ft./ft.)	Cross Slope of Pavement "Sw" (ft./ft.)	Cross Slope of Gutter "Sw" (ft./ft.)	100 Year Intensity (in./hr.)	100 Year Runoff Flow (c.f.s.)	100 Year Carry Over Flow (c.f.s.)	100 Year Gutter Flow "Q" (c.f.s.)	5 Yr Depth of Flow "Yo" (ft.)	5 Yr Spread of Flow "Sp" (ft)	Manning Coefficient of Pavement "n"	Design Storm (25 yr or 100 yr)	Depth of Depression "ya" (ft.)	Depth of Flow at Opening "y" (ft.)	50% Clogging applied: Capacity of Inlet / foot of Length "Q/L" (c.f.s./ft.)	50% Clogging applied: Length of Inlet Openin "L" (ft.)	50% Clogging applied: Capacity of Inlet "Q" (c.f.s.)	Carry Over Into Over Flow (c.f.s.)	Percent 100 Year Flow Captured by Inlet	Comments
	1						2	3					4	5	6			7	8	9	10	11	12	13	14
2	B6		B-5	0.36	0.90	10.00	0.0050	0.02	0.17	9.00	2.9	3.4	6.4	0.24	12.1	0.013	100	0.33	0.64	0.76	10	7.6	0.0	100.0%	
4	D3		E-3	0.65	0.90	10.00	0.0050	0.02	0.17	9.00	5.3	1.4	6.7	0.24	12.2	0.013	100	0.33	0.64	0.78	10	7.8	0.0	100.0%	

STORM DRAIN HYDRAULIC CALCULATIONS TABLE

FROM Sta	TO Sta	Pipe Length (ft)	Drainage Area Incremental No.	% of Area	Area	Total Area	Runoff "C"	Incr. cA	Total tA	Time of Concentration Inlet (min)	Travel (min)	Total (min)	I100 Intensity (in/hr)	Q100 Pipe (cfs)	No. of Barrels	Pipe Size (in)	Box Culvert Width (ft)	Box Culvert Height (ft)	Q Cap (cfs)	Manning n	Sf (ft/ft)	HGL US Elev	HGL DS Elev	Head-loss Calculations: V1 (US) (ft/s)	V2 (DS) (ft/s)	V2²/2G (ft)	V1²/2G (ft)	Kj	KjV1²/2G (ft)	Hh (ft)	Design HGL Elev	Invert Elev. FROM (ft)	Invert Elev. TO (ft)	Crown Elev. FROM (ft)	Crown Elev. TO (ft)	Prop. Grade Elev (ft)	Comments
1	2	3	4	4a	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
* Velocity based on pipe full flow relationships.																																					
**Supercritical Flow. Bosses are not sized (Upstream)																																					
Storm Drain Line SD-B1																																					
14+86.76	14+70.02	16.74	B-1 & OS-2a		1.81	1.81	0.53	0.97	0.97	10.00	0.00	10.0	9.00	8.7	1	21			20.3	0.013	0.0030	884.46	884.19	8.23 *	8.23 *	1.05	1.05	0.5	0.53	N/A **	884.46	883.65	883.38	885.40	885.13	888.00	
14+70.02	11+36.92	344.10			0.00	1.81	0.00	0.00	0.97	0.00	0.03	10.0	9.00	8.7	1	21			20.3	0.013	0.0030	884.19	883.23	8.23 *	3.62	1.05	0.20	0.43	0.45	N/A **	884.19	883.38	877.88	885.13	879.63	887.75	
11+36.92	10+88.19	53.73	B-2 & OS-2b		1.68	3.49	0.56	0.96	1.92	10.00	0.67	10.7	8.80	16.9	1	21			20.3	0.013	0.0116	880.92	880.31	7.09	7.09	0.77	0.77	0.6	0.46	0.91	881.23	877.88	877.00	879.63	878.75	883.25	
10+83.19	7+43.80	339.39	OS-2c		18.63	22.12	0.45	8.38	10.30	20.20	0.09	20.2	7.40	76.2	1	36			90.4	0.013	0.0131	879.32	874.88	14.56 *	10.78	3.29	1.80	0.25	0.83	0.98	880.31	877.00	870.72	880.00	873.72	882.41	
7+43.80	3+71.71	370.09	B-3 & OS-3a		1.24	23.36	0.64	0.80	11.10	10.00	0.37	20.6	7.28	80.8	1	36			90.4	0.013	0.0148	874.07	868.59	11.43 *	11.43	2.03	2.03	0.6	1.22	0.81	874.88	870.72	863.87	873.72	866.87	876.84	
3+73.71	1+22.09	251.62	B-4 & OS-3b		1.82	25.18	0.56	1.03	12.13	10.00	0.40	21.0	7.28	88.3	1		4	4	116.3	0.015	0.0031	868.23	867.45	5.52	5.52	0.47	0.47	0.25	0.12	0.35	868.59	862.60	861.47	866.60	865.47	869.51	
1+22.09	0+40.00	82.09	B-5		0.36	25.54	0.90	0.32	12.45	10.00	0.22	21.2	7.28	90.6	1		4	4	116.3	0.015	0.0033	867.26	866.98	5.66	5.66	0.50	0.50	0.6	0.30	0.30	867.45	861.47	861.10	865.47	865.10	867.94	
0+40.00	0+00.00	40.00			0.00	25.54	0.00	0.00	12.45	0.00	0.07	21.3	7.28	90.6	1		6	4	147.1	0.015	0.0011	866.87	866.83	5.78	3.78	0.22	0.22	0.5	0.11	0.11	866.98	861.10	860.98	865.10	864.98	868.50	
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Storm Drain Line SD-B2																																					
D+16.74	0+00.00	16.74	B-2 & OS-2b		1.68	1.68	0.56	0.95	0.95	10.00	0.00	10.0	9.00	8.6	1	21			62.1	0.013	0.0030	881.28	881.23	3.58	3.58	0.20	0.20	0.5	0.10	0.10	881.38	879.08	877.88	881.83	879.63	886.00	
Storm Drain Line SD-B3																																					
D+18.25	0+00.00	18.25	OS-2c		18.63	18.63	0.45	8.38	8.38	20.20	0.00	20.2	7.40	62.0	1	36			87	0.013	0.0087	880.46	880.31	8.77	8.77	1.19	1.19	0.5	0.60	0.60	881.06	877.09	877.00	880.00	880.00	886.00	
Storm Drain Line SD-B4																																					
D+16.74	0+00.00	16.74	B-3 & OS-3a		1.24	1.24	0.64	0.80	0.80	10.00	0.00	10.0	9.00	7.2	1	21			61.5	0.013	0.0021	874.91	874.88	2.99	2.99	0.14	0.14	0.5	0.07	0.10	875.01	872.50	871.34	874.25	873.09	886.00	
Storm Drain Line SD-B5																																					
D+14.90	0+00.00	14.90	B-4 & OS-3b		1.82	1.82	0.56	1.03	1.03	10.00	0.00	10.0	9.00	9.3	1	21			66.6	0.013	0.0035	868.69	868.59	3.67	3.67	0.23	0.25	0.5	0.12	0.12	868.76	865.26	864.10	867.01	865.85	886.00	
Storm Drain Line SD-B6																																					
D+16.74	0+00.00	16.74	B-5		0.36	0.36	0.90	0.32	0.32	10.00	0.00	10.0	9.00	2.9	1	18			24.9	0.013	0.0008	867.47	867.45	1.64	1.64	0.04	0.04	0.5	0.02	0.10	867.57	863.67	862.72	865.17	864.22	886.00	
Storm Drain Line SD-D1																																					
4+02.29	3+85.55	16.74	E-1 & OS-1a		1.46	1.46	0.52	0.76	0.76	10.00	0.00	10.0	9.00	6.8	1	21			19.6	0.013	0.0019	886.88	886.84	2.83	2.83	0.12	0.12	0.5	0.06	0.10	886.98	884.65	884.39	886.40	886.14	889.21	
3+85.55	3+54.79	130.76			0.00	1.46	0.00	0.00	0.76	0.00	0.04	10.0	9.00	6.8	1	21			19.6	0.013	0.0019	886.73	886.48	2.83	2.83	0.12	0.12	0.43	0.05	0.10	886.83	884.39	882.37	886.14	884.12	888.90	
2+54.79	0+54.50	200.29	E-2 & OS-1b		2.99	4.45	0.48	1.43	2.19	10.00	0.29	10.3	9.00	19.7	1	27			16.9	0.013	0.0041	886.19	885.37	4.95	4.95	0.38	0.38	0.25	0.10	0.29	886.48	882.37	881.76	884.62	884.01	886.95	
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Storm Drain Line SD-D2																																					
D+14.50	0+00.00	14.50	E-2 & OS-1b		2.99	2.99	0.48	1.43	1.43	10.00	0.00	10.0	9.00	12.9	1	24			27.6	0.013	0.0033	886.53	886.48	4.11	4.11	0.26	0.26	0.5	0.13	0.13	886.66	883.10	882.86	885.08	884.86	886.00	
Storm Drain Line SD-D3																																					
D+14.50	0+00.00	14.50	E-3		0.65	0.65	0.90	0.58	0.58	10.00	0.00	10.0	9.00	5.3	1	21			21.1	0.013	0.0011	886.39	885.37	2.20	2.20	0.08	0.08	0.5	0.04	0.10	886.49	882.08	882.00	883.82	883.75	886.00	

DROP INLET WITH 50% CLOGGING TABLE
Inlet No. D2

Inlet Size	WEIR FLOW		ORIFICE FLOW		
Inlet Length	Q = 50% * C * P * d^1.5		Q = 50% * C * A * (2 * g * d)^0.5		
8.66	Clogging	50%	Clogging	50%	
No. of Openings	C	3	C	0.67	
1	P	8.66	A	8.66	
Opening Height	Q	12.90	g	32.2	Type of Flow
1	Depth d (ft)	Weir (cfs)	Depth d (ft)	Orifice (cfs)	WEIR
Depth of Flow in Channel	1.00	12.90	0.81	12.90	Inlet Capacity (cfs)
1.00	1.00	12.99	1.00	16.46	12.99

NO. REVISION | DATE

PAPE–DAWSON
6100 TOMKEN PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM F429 | TEXAS SURVEYING FIRM #100280

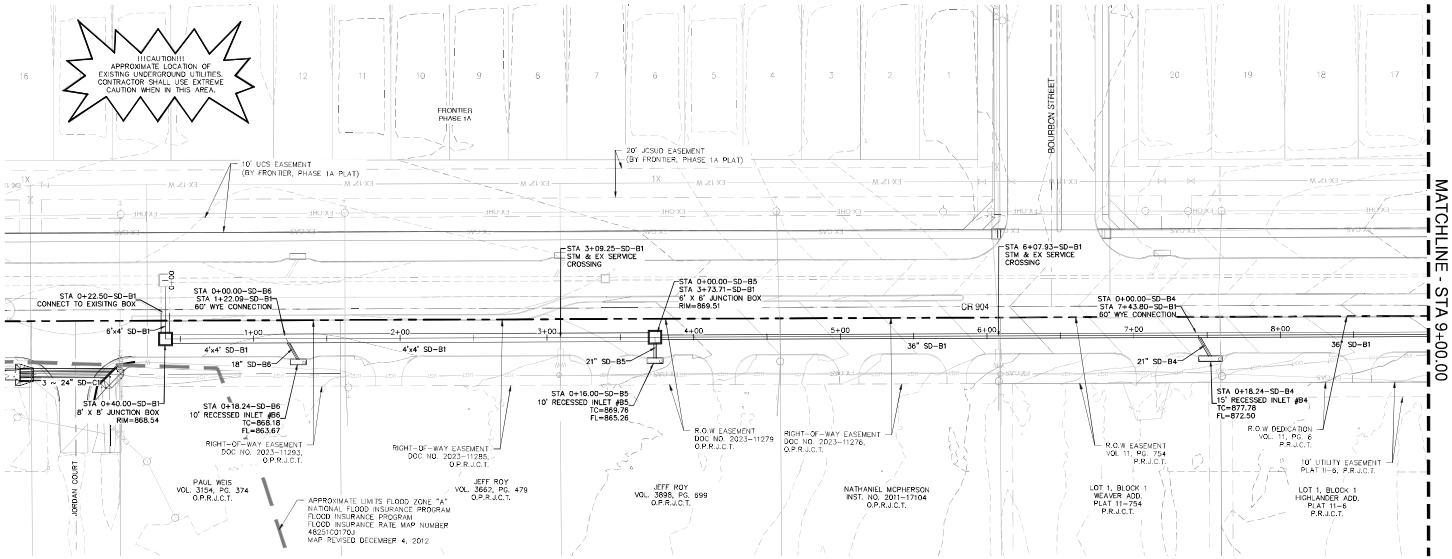
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
HYDRAULIC CALCULATIONS

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 17

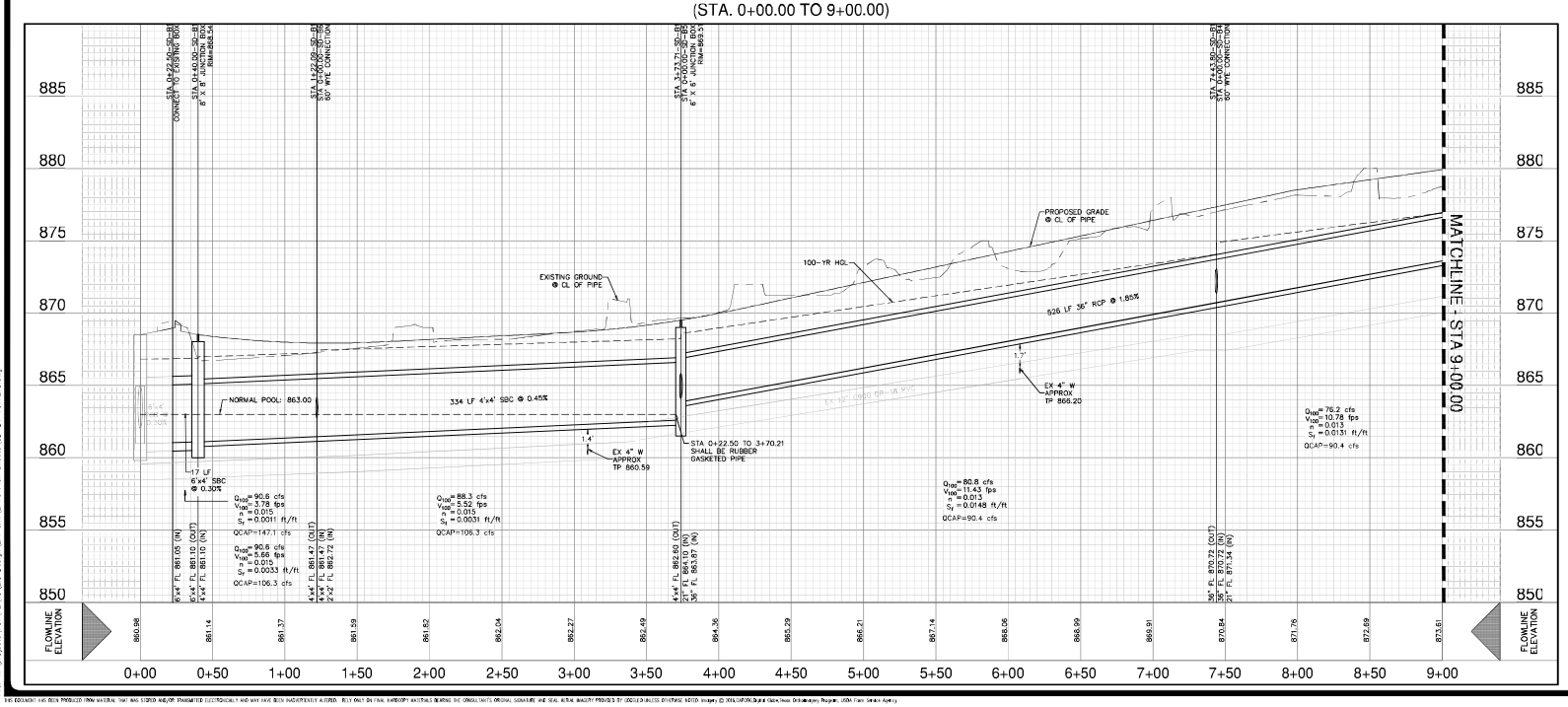
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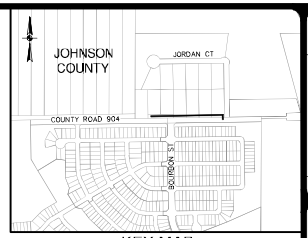
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LINE SD-B1
(STA. 0+00.00 TO 9+00.00)





KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IR	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N:6835620.362	N:6836185.460	N:6841154.026	N:6841066.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED CURB INLET
- PROPOSED JUNCTION BOX

TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/ OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

UTILITY NOTE

THE EXISTING UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF THE UTILITY INFORMATION ON THE PLANS. THE CONTRACTOR SHALL CONTACT A UTILITY LOCATING SERVICE 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND OF ALL EXISTING UTILITIES AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
REGISTERED PROFESSIONAL ENGINEER
4/2/2026

PAPE-DAWSON
8100 TOWNSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

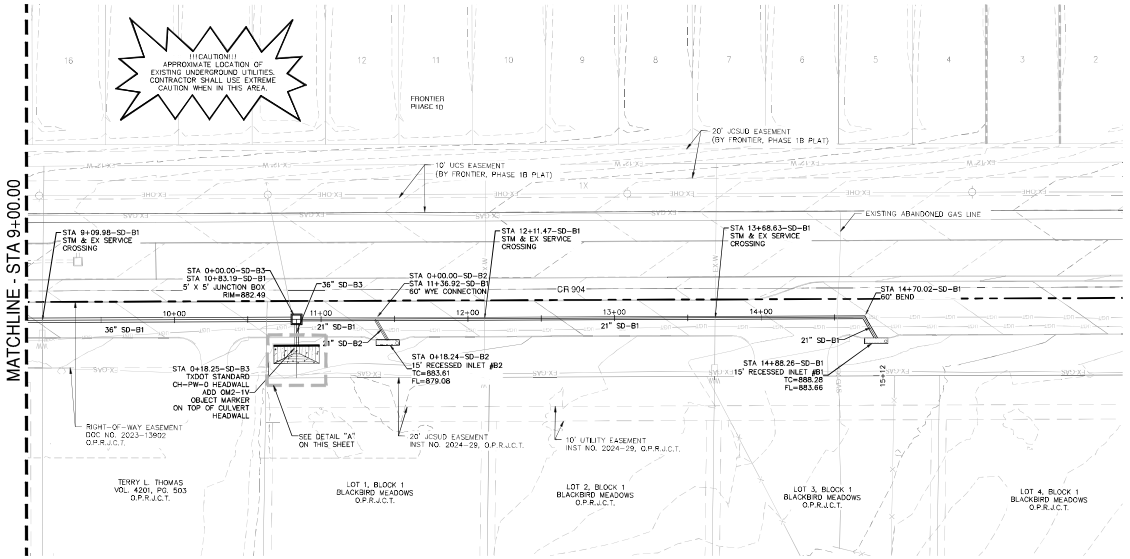
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM PLAN & PROFILE - LINE SD-B1
STA 0+00.00 TO 9+00.00

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN KA
SHEET 18

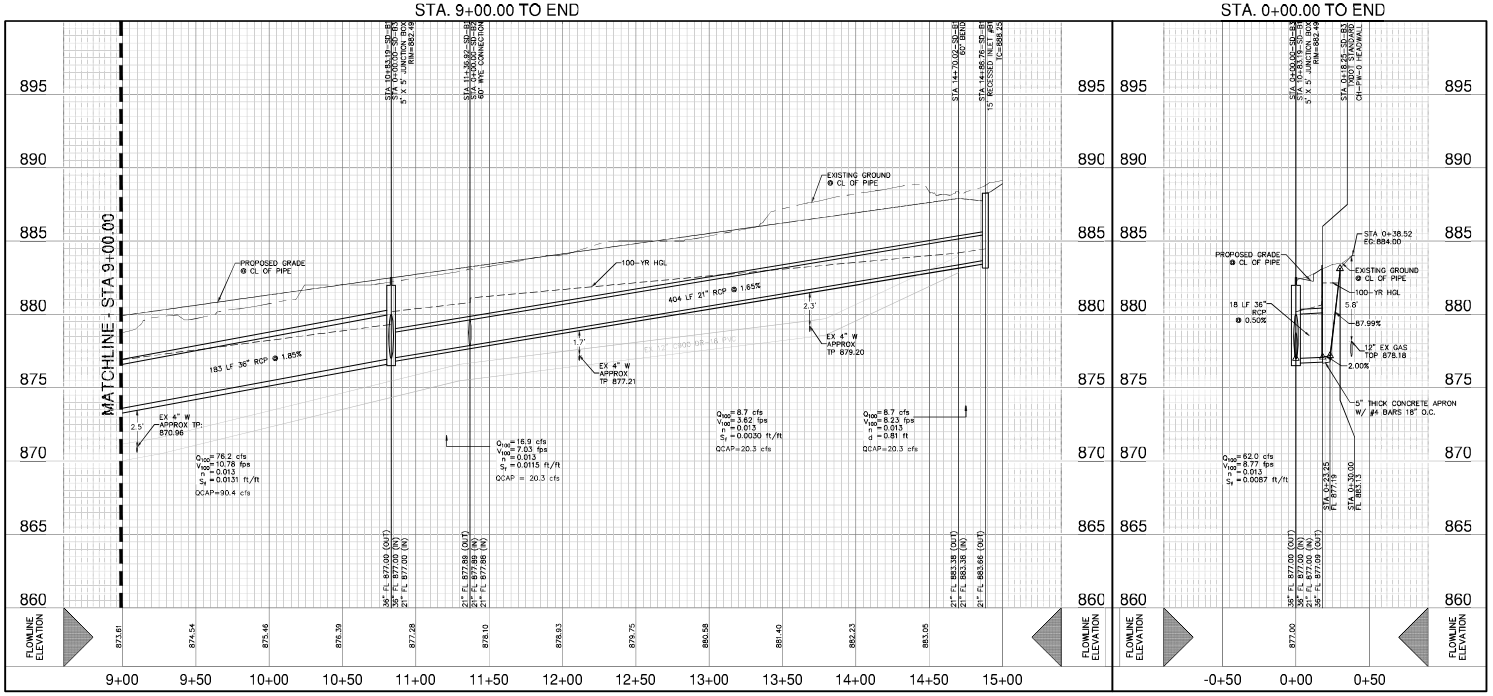
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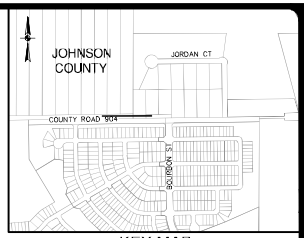
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LINE SD-B1
STA. 9+00.00 TO END



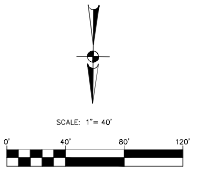
LATERAL SD-B3
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KEY MAP
NOT-TO-SCALE

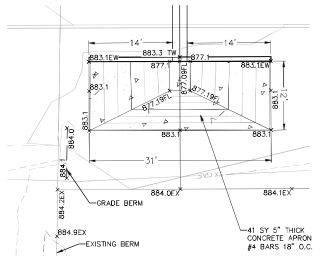
BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836185.460	N:6841154.036	N:6841086.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260



LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED CURB INLET
- PROPOSED JUNCTION BOX



DETAIL "A"
1" = 10'

TRENCH EXCAVATION SAFETY PROTECTION

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NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
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PAPE-DAWSON
8100 TOWNSON PKWY, STE 210 | PLANO, TX | 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

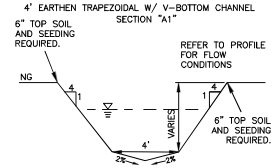
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

STORM PLAN & PROFILE - LINE SD-B1
STA 9+00.00 TO END

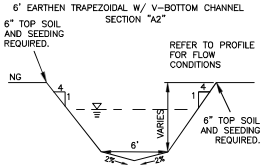
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JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN KA
SHEET 19

ISSUED FOR CONSTRUCTION SET

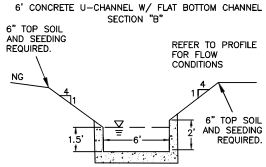
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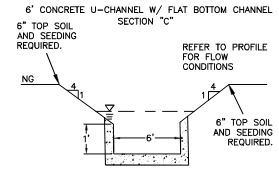
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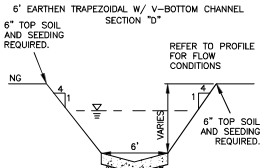
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TYPICAL SECTION "B–B"
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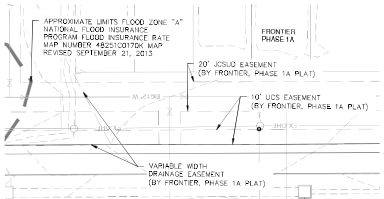


TYPICAL SECTION "C–C"
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TYPICAL SECTION "D–D"
NTS





TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND/ OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/ OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

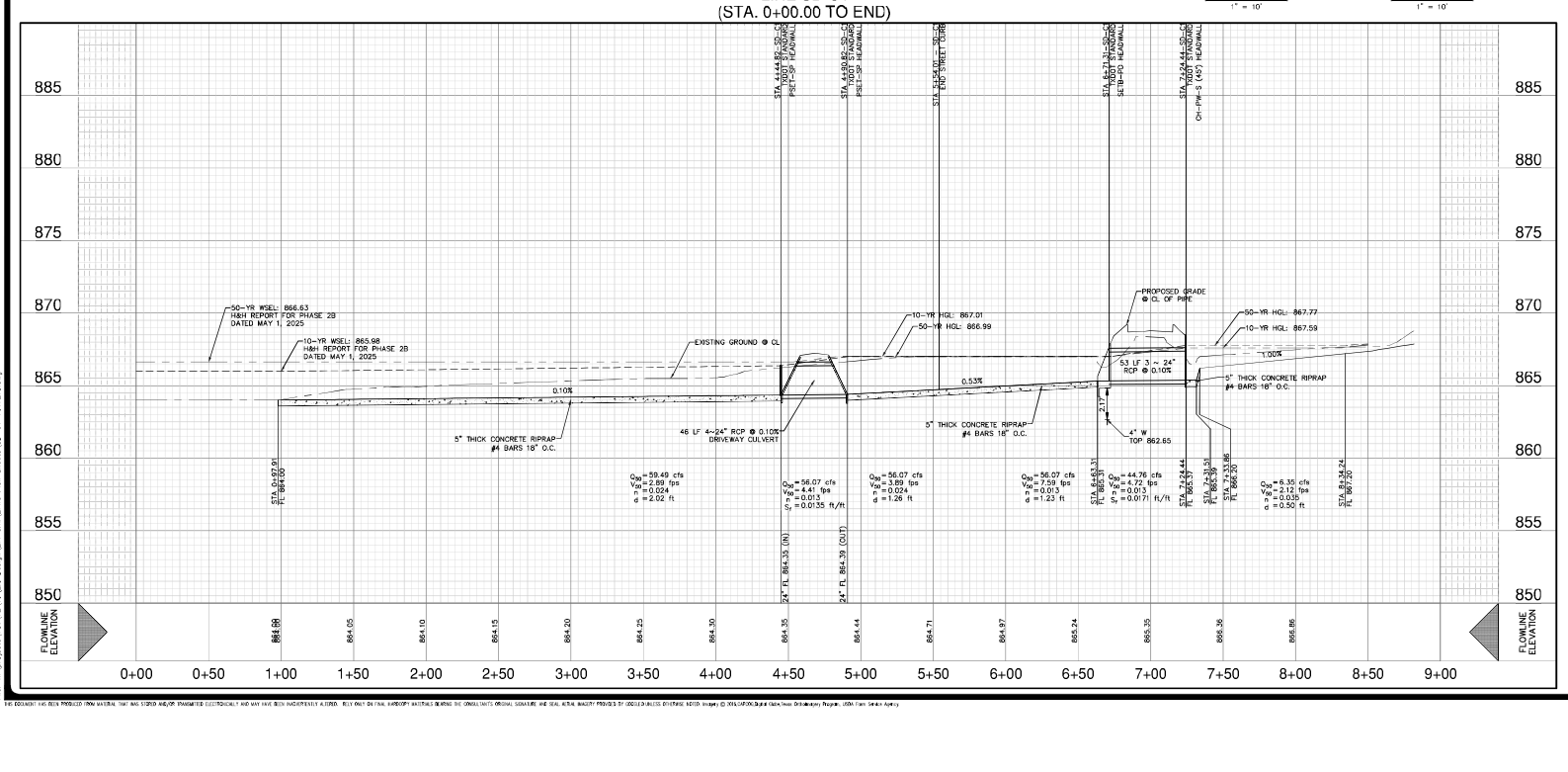
UTILITY NOTE

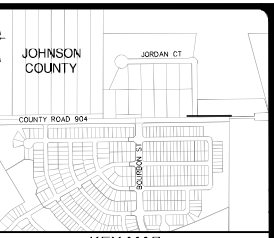
THE EXISTING UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF THE UTILITY INFORMATION ON THE PLANS. THE CONTRACTOR SHALL CONTACT A UTILITY LOCATING SERVICE 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND OF ALL EXISTING UTILITIES AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

DETAIL "B"
1" = 10'

DETAIL "A"
1" = 10'

LINE SD-C1
(STA. 0+00.00 TO END)

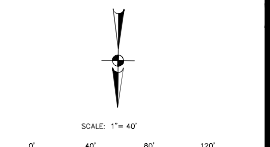




KEY MAP
NOT-TO-SCALE

BENCHMARKS

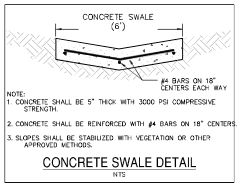
CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IP	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N:6835620.362	N:6836185.460	N:6843154.026	N:6841066.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV: 867.7080	ELEV:894.1260



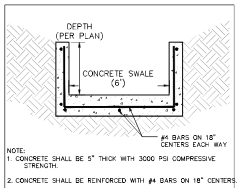
LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED CURB INLET
- PROPOSED JUNCTION BOX

NOTES:
1. NO DETENTION IS REQUIRED PER PAPE–DAWSON DRAINAGE & FLOODPLAIN STUDY DATED SEPTEMBER 30, 2025.
2. 50 & 10–YR WSEL BASED ON PAPE–DAWSON DRAINAGE & FLOODPLAIN STUDY DATED SEPTEMBER 30, 2025.
3. SEE CONSTRUCTION AND EXPANSION JOINT DETAILS ON SHEET 28.
4. THIS STORM DRAIN DESIGNED USING COINCIDENTAL STORMS PER ISWM.



CONCRETE SWALE DETAIL
NTS



CONCRETE SWALE DETAIL
NTS

NO.	REVISION	DATE

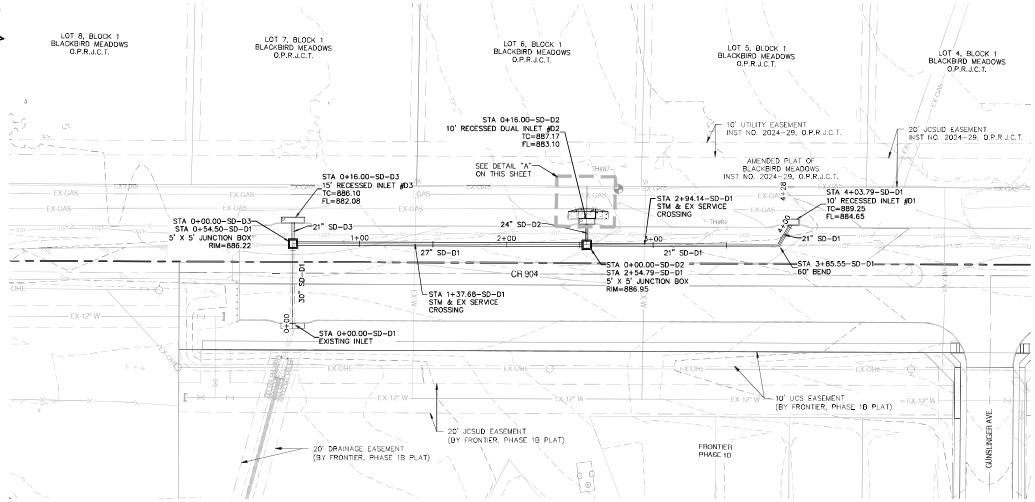
PAPE–DAWSON
800 TOWNSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.0644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

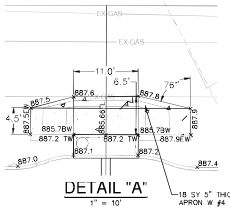
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM PLAN & PROFILE - LINE SD-C1
STA 0+00.00 TO END

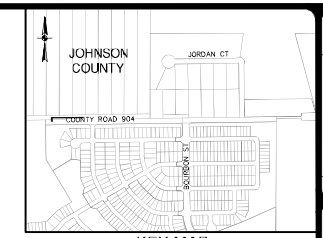
PLAT NO. N/A
JOB NO. 70172–10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN KA
SHEET 20

ISSUED FOR CONSTRUCTION SET

Date: April 21, 2026, 11:44 AM – User: @_johnsonbr
File: W:\projects\70172\010.0 Design\2.4 Civil\2.4.3 Plan Sheets\SD-C1-70172-10.dwg
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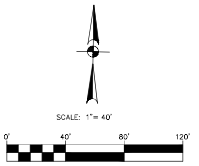




KEY MAP
NOT-TO-SCALE

BENCHMARKS

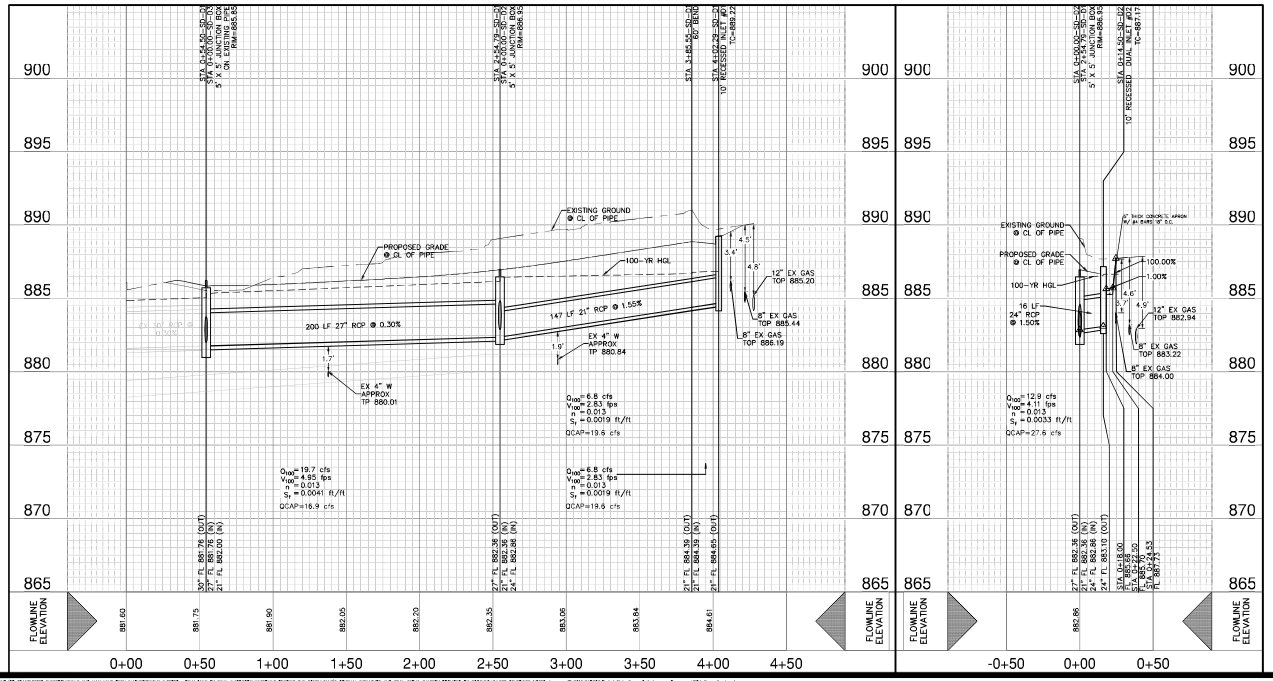
CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IP	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836185.465	N:6842154.026	N:6841066.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV: 866.8790	ELEV: 867.7080	ELEV: 894.1260



LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED CURB INLET
- PROPOSED JUNCTION BOX

LINE SD-D1
(STA. 0+00.00 TO END)



LATERAL SD-D2
(STA. 0+00.00 TO END)

DROP INLET WITH 50% CLOGGING TABLE

Inlet No.

Inlet Size	WEIR FLOW		ORIFICE FLOW	
Inlet Length	Q = 50% * C * P * d^1.5		Q = 50% * C * A * (2 * g * d)^0.5	
8.66	Clogging	50%	Clogging	50%
No. of Openings	C	3	C	0.67
3	P	8.66	A	8.66
Opening Height	Q	12.90	g	32.2
1	Depth d (ft)	Weir (cfs)	Orifice (cfs)	Capacity (cfs)
REQUIRED	1.00	12.99	23.28	12.99
PROVIDED	1.00	12.99	23.28	12.99

PAPE-DAWSON
8100 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.0044
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

STORM PLAN & PROFILE - LINE SD-D1 & SD-D2
STA 0+00.00 TO END

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN KA
SHEET 21

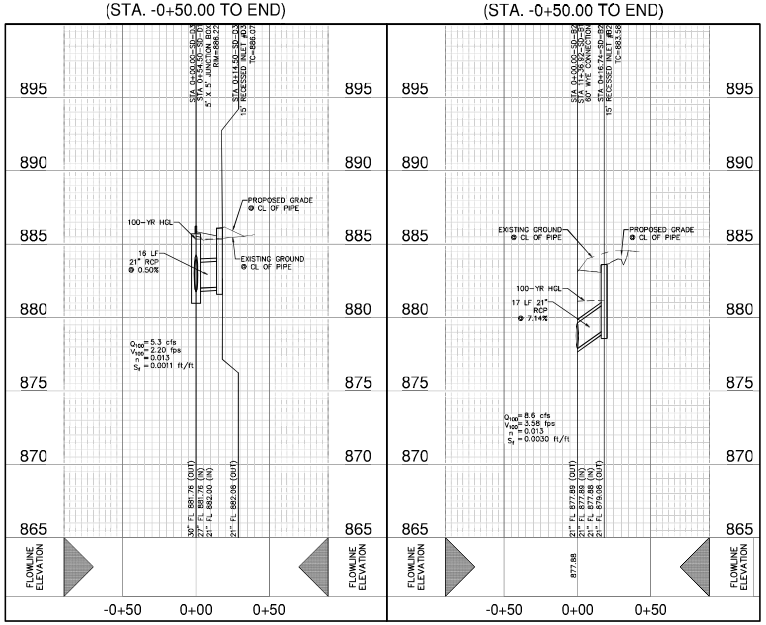
NO. REVISION DATE

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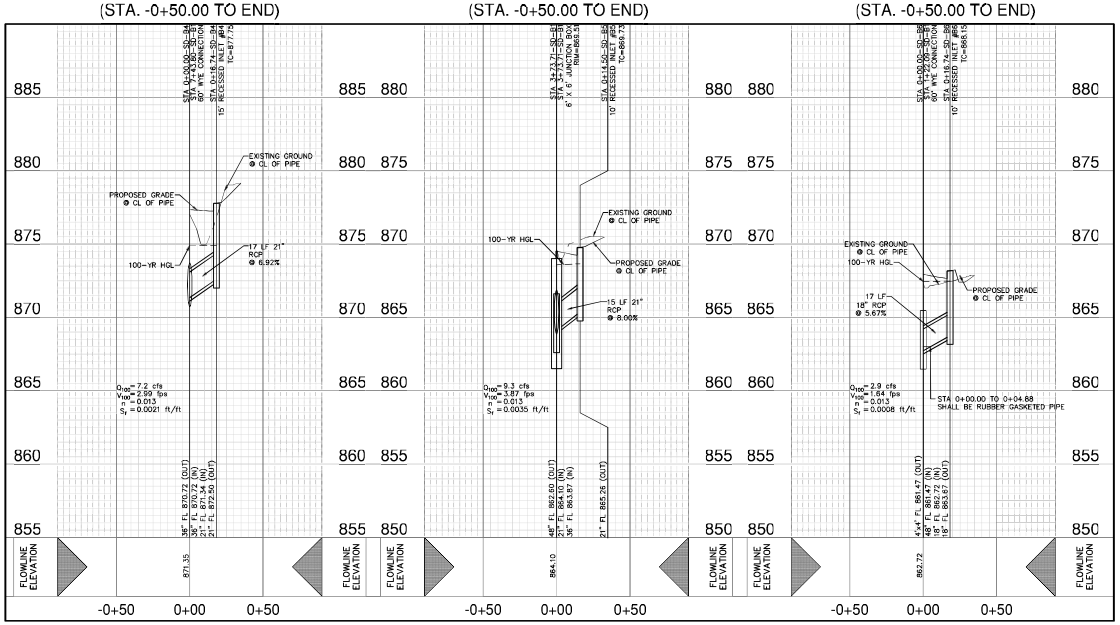
ISSUED FOR CONSTRUCTION SET

LAT SD-D3
(STA. -0+50.00 TO END)



LAT SD-B2
(STA. -0+50.00 TO END)

LAT SD-B4
(STA. -0+50.00 TO END)



LAT SD-B5
(STA. -0+50.00 TO END)

LAT SD-B6
(STA. -0+50.00 TO END)

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

PAPE-DAWSON
8100 TRINITY PKWY, STE 210 | FRISCO, TX | 75034 | 214.420.6644
TEXAS ENGINEERING FIRM #429 | TEXAS SURVEYING FIRM #10028300

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

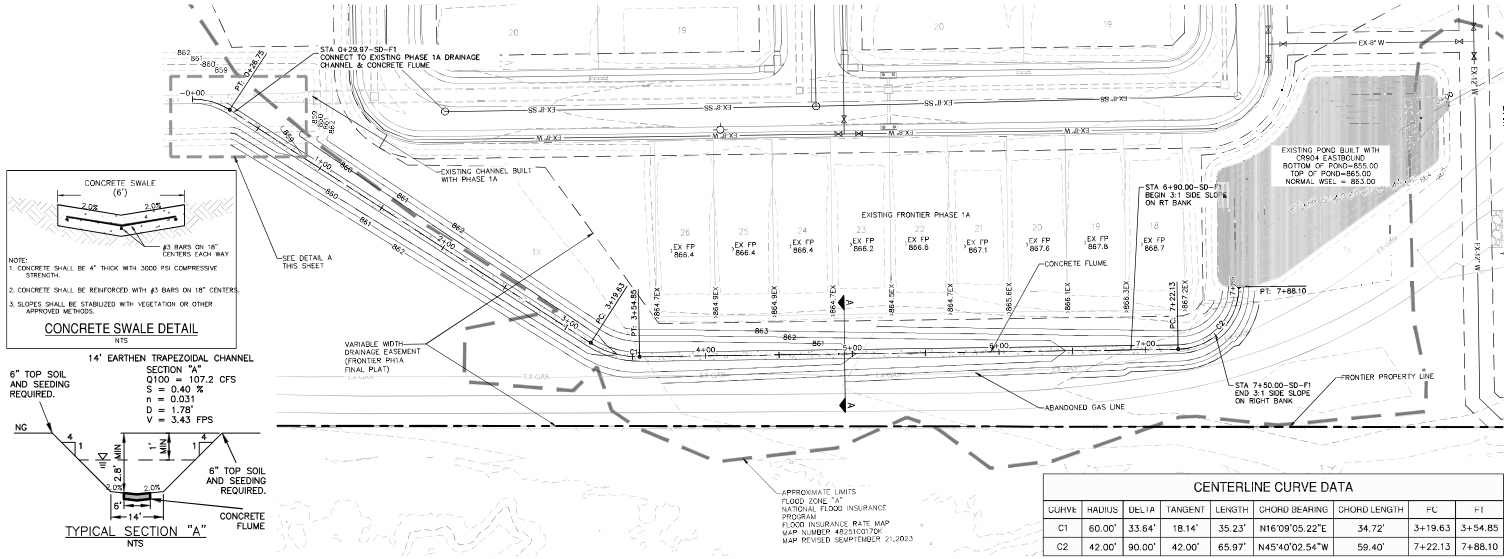
STORM PROFILE LATERALS - LINE SD-B1 & SD-D1
STA - 0+50.00 TO END

PLAT NO.	N/A
JOB NO.	70172-10
DATE	APRIL 2026
DESIGNER	CL
CHECKED	AR
DRAWN	KA
SHEET	22

Date: April 21, 2026, 11:45 AM - User: @_johnsonbr
File: N:\projects\70172\10\2.0 Design\2.4 Civil\2.4.3 Prelim Sheets\SD-LATERALS-70172.0.dwg

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ISSUED FOR CONSTRUCTION SET



CONCRETE SWALE DETAIL

NTS

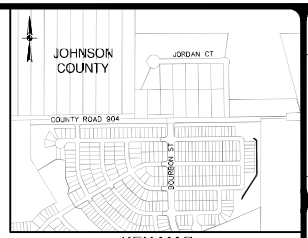
14' EARTHEN TRAPEZOIDAL CHANNEL
SECTION "A"
Q100 = 107.2 CFS
S = 0.40 %
n = 0.031
D = 1.78'
V = 3.43 FPS

TYPICAL SECTION "A"

NTS

CENTERLINE CURVE DATA

CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD BEARING	CHORD LENGTH	PC	PT
C1	60.00'	33.64°	18.14'	35.23'	N16°09'05.22"E	34.72'	3+19.63	3+54.85
C2	42.00'	90.00°	42.00'	65.97'	N45°40'02.54"W	59.40'	7+22.13	7+88.10

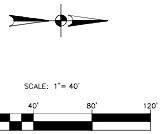


KEY MAP

NOT-TO-SCALE

BENCHMARKS

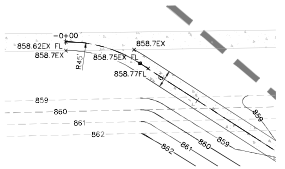
CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6935620.362	N:6936585.465	N:6940154.006	N:6941085.582	N:6942003.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5780	ELEV:866.8780	ELEV: 861.7680	ELEV: 894.1260



LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT ASSEMBLY
- PROPOSED SANITARY SEWER LINE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- PROPOSED CURB INLET
- PROPOSED JUNCTION BOX

NOTES:
1. NO DETENTION IS REQUIRED PER PAPE-DAWSON PRELIMINARY DRAINAGE & FLOODPLAIN STUDY DATED AUGUST 1,2022.
2. 100 & 50-YR WSEL BASED ON PAPE-DAWSON DRAINAGE & FLOODPLAIN STUDY DATED OCTOBER 18, 2024.
3. JUNCTION BOX SPACING SET BASED ON JOHNSON COUNTY CRITERIA.
4. SEE CONSTRUCTION AND EXPANSION JOINT DETAILS ON SHEET 28.



DETAIL "A"

1" = 10'

TRENCH EXCAVATION SAFETY PROTECTION

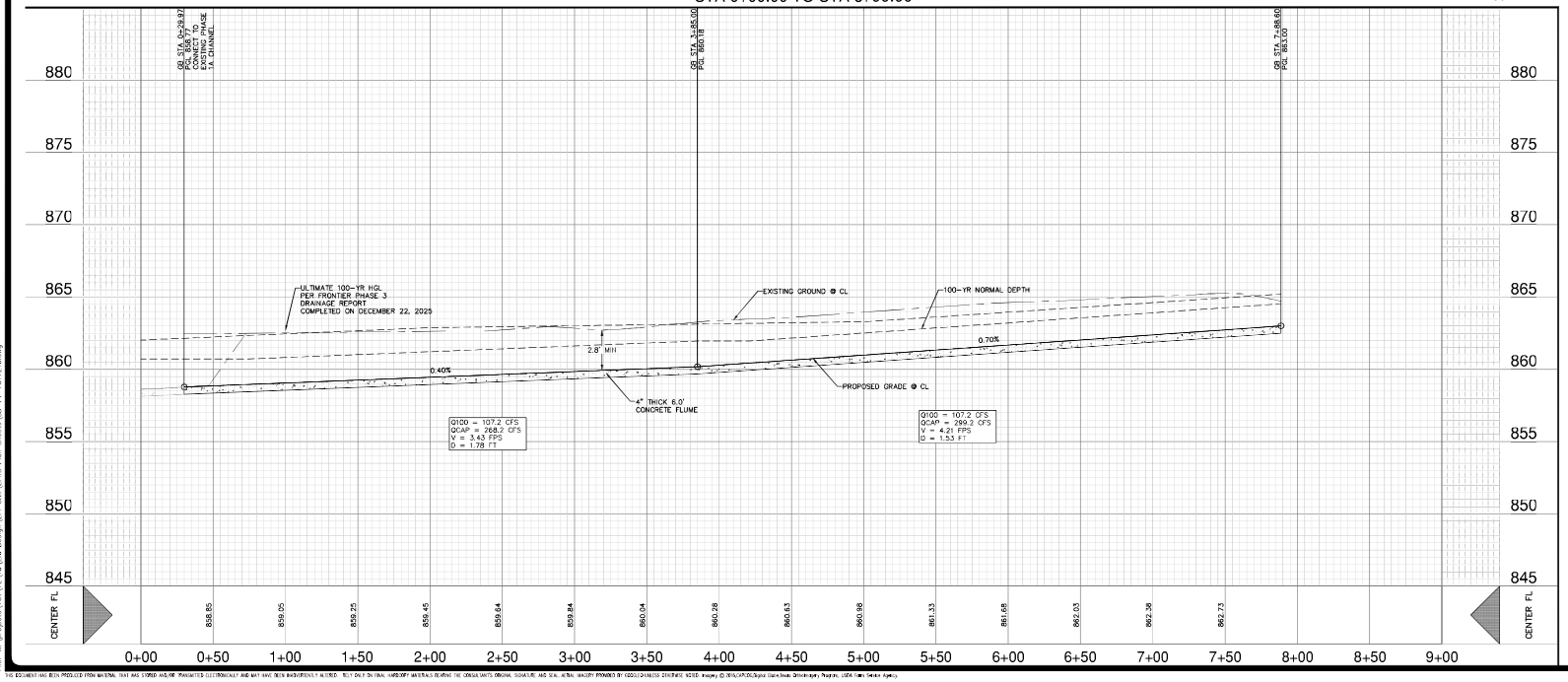
CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN / GEOTECHNICAL / SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

UTILITY NOTE

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SD-F1
STA 0+00.00 TO STA 8+00.00

HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'



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NO.	REVISION	DATE

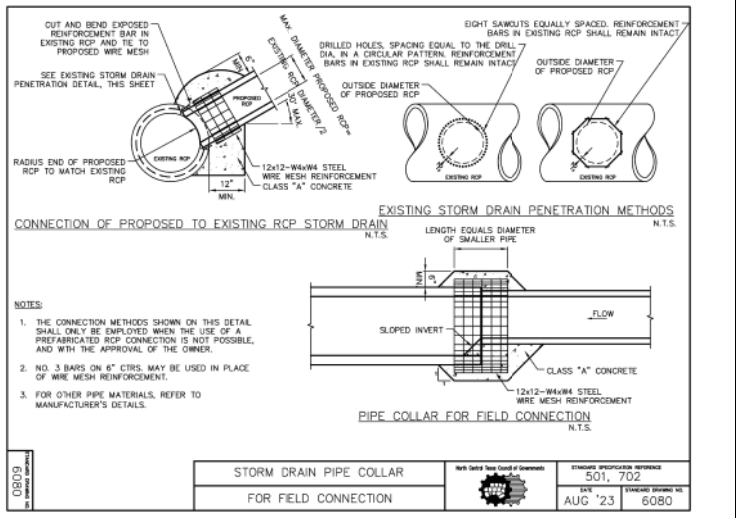
STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/22/2026

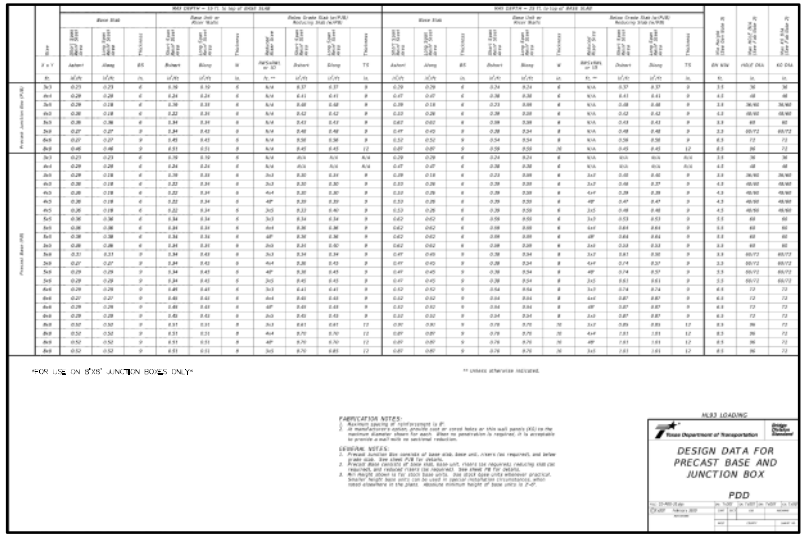
PAPE-DAWSON
6100 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

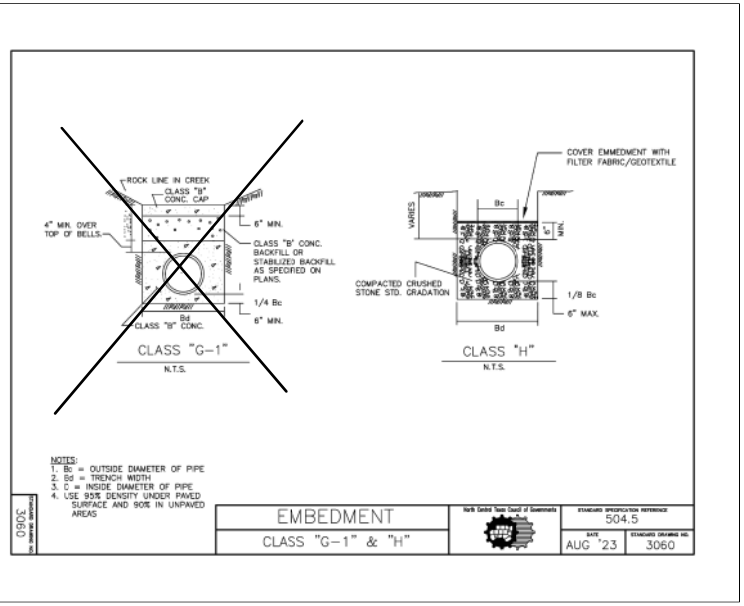
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM PLAN & PROFILE - LINE SD-F1
STA 0+00.00 TO END

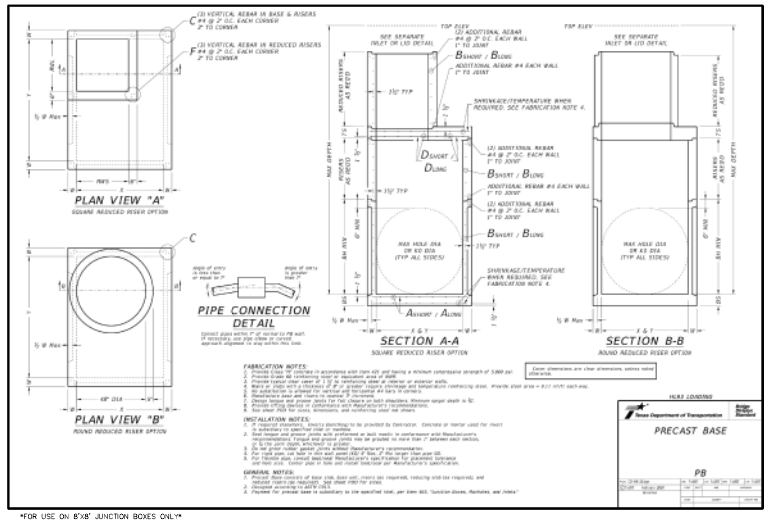
PLAT NO. N/A
JOB NO. 70012-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 23

ISSUED FOR CONSTRUCTION SET









FOR USE ON 8'X8' JUNCTION BOXES ONLY

NO.	REVISION	DATE

ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

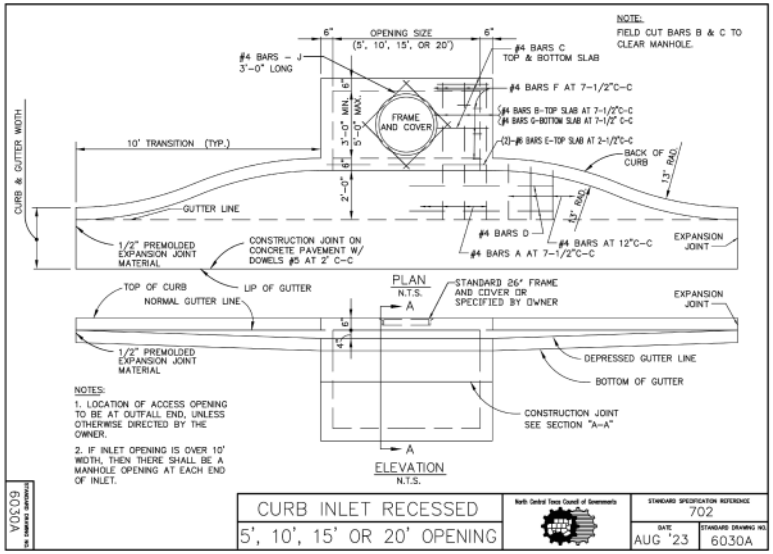
PAPE–DAWSON
6705 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280

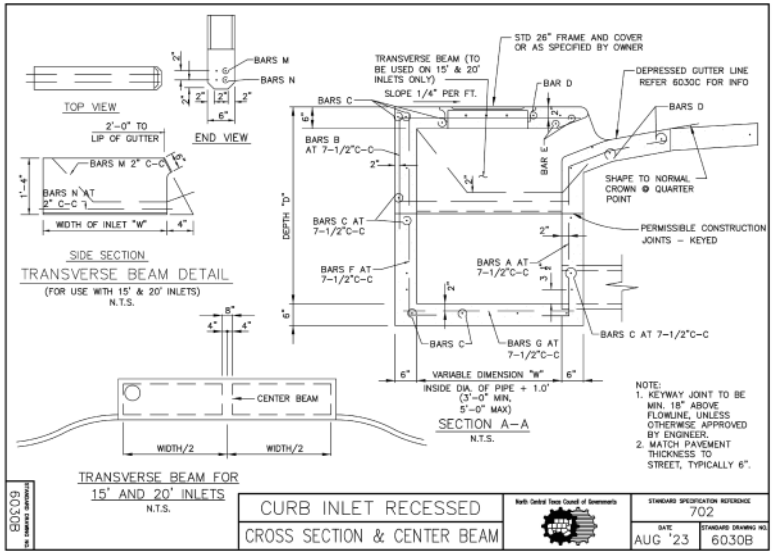
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM DRAIN DETAILS

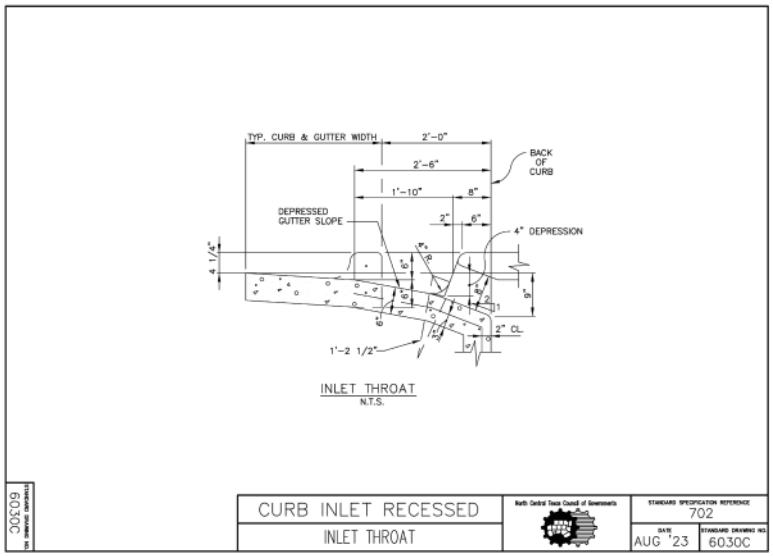
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 24

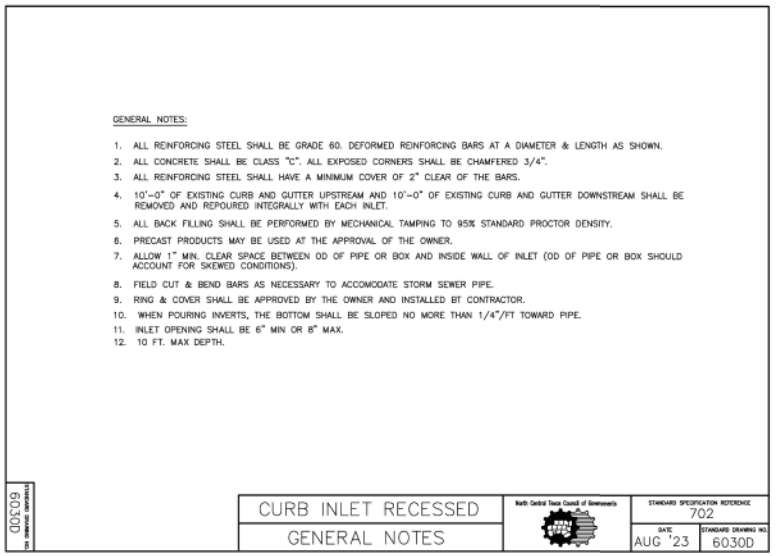
ISSUED FOR CONSTRUCTION SET

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NO. REVISION DATE

ANNA JANE ROSCOE 142544 LICENSED PROFESSIONAL ENGINEER 4/2/2026

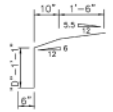
PAPE-DAWSON
6705 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6444
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280

CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM DRAIN DETAILS

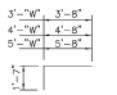
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 25

ISSUED FOR CONSTRUCTION SET

Date: April 21, 2026, 11:46 AM User ID: ashannon
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#4 BARS A
N.T.S.



#4 BARS B
N.T.S.

BARS C | LGTH.OPEN.+0'-8"
BARS D | LGTH.OPEN.+19"-8"

#4 BARS C & D
N.T.S.

FIELD CUT D BARS AS NECESSARY AT TRANSITIONS

LENGTH OF OPENING + 0'-8"

#4 BARS E
N.T.S.



#4 BARS F
N.T.S.

"W"+0'-8"

#4 BARS G
N.T.S.

3'-0"

#4 BARS J
N.T.S.



#3 BARS M
N.T.S.

"W"+0'-8"

#5 BARS N
N.T.S.

STANDARD DRAWING NO. 6030E

CURB INLET RECESSED
REBAR

North Central Texas Council of Governments

STANDARD SPECIFICATION REFERENCE: 702
DATE: AUG '23
STANDARD DRAWING NO.: 6030E

BILL OF REINFORCING STEEL

DEPTH "D"	ALL WIDTHS AND LENGTHS	OPENING LENGTH "L" = 5ft								OPENING LENGTH "L" = 10ft								OPENING LENGTH "L" = 15 ft								OPENING LENGTH "L" = 20 ft							
		Widths "W" 3ft	4ft	5ft						Widths "W" 3ft	4ft	5ft						Widths "W" 3ft	4ft	5ft						Widths "W" 3ft	4ft	5ft			
		BARS C	BARS D	BARS E	BARS F	BARS F	BARS A	BARS B	BARS B	BARS C	BARS D	BARS E	BARS F	BARS F	BARS A	BARS B	BARS B	BARS C	BARS D	BARS E	BARS F	BARS F	BARS A	BARS B	BARS B	BARS C	BARS D	BARS E	BARS F	BARS F	BARS A	BARS B	BARS B
		C	D	E	J	F	F	A	B	G	F	F	A	B	G	F	F	A	B	G	M	N	F	F	A	B	G	M	N	F	F	A	B	G	M	N
3'-6"	17	3	2	4	20	24	28	10	10	20	28	32	36	18	18	28	36	40	44	26	26	36	2	2	44	48	52	34	34	44	2	2
3'-9"	18	"	"	"	"	"	"	"	"	20	"	"	"	"	"	28	"	"	"	"	"	36	"	"	"	"	"	"	"	44	"	"
4'-0"	19	"	"	"	"	"	"	"	"	24	"	"	"	"	"	32	"	"	"	"	"	40	"	"	"	"	"	"	"	48	"	"
4'-3"	19	"	"	"	"	"	"	"	"	24	"	"	"	"	"	32	"	"	"	"	"	40	"	"	"	"	"	"	"	48	"	"
4'-6"	21	"	"	"	"	"	"	"	"	26	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	"	"	50	"	"
4'-9"	21	"	"	"	"	"	"	"	"	26	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	"	"	50	"	"
5'-0"	21	"	"	"	"	"	"	"	"	26	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	"	"	50	"	"
5'-3"	23	"	"	"	"	"	"	"	"	28	"	"	"	"	"	36	"	"	"	"	"	44	"	"	"	"	"	"	"	52	"	"
5'-6"	23	"	"	"	"	"	"	"	"	28	"	"	"	"	"	36	"	"	"	"	"	44	"	"	"	"	"	"	"	52	"	"
5'-9"	25	"	"	"	"	"	"	"	"	30	"	"	"	"	"	38	"	"	"	"	"	46	"	"	"	"	"	"	"	54	"	"
6'-0"	25	"	"	"	"	"	"	"	"	30	"	"	"	"	"	38	"	"	"	"	"	46	"	"	"	"	"	"	"	54	"	"
6'-3"	26	"	"	"	"	"	"	"	"	30	"	"	"	"	"	38	"	"	"	"	"	46	"	"	"	"	"	"	"	54	"	"
6'-6"	27	"	"	"	"	"	"	"	"	32	"	"	"	"	"	40	"	"	"	"	"	48	"	"	"	"	"	"	"	56	"	"
6'-9"	27	"	"	"	"	"	"	"	"	32	"	"	"	"	"	40	"	"	"	"	"	48	"	"	"	"	"	"	"	56	"	"
7'-0"	29	"	"	"	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	50	"	"	"	"	"	"	"	58	"	"
7'-3"	29	"	"	"	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	50	"	"	"	"	"	"	"	58	"	"
7'-6"	30	"	"	"	"	"	"	"	"	34	"	"	"	"	"	42	"	"	"	"	"	50	"	"	"	"	"	"	"	58	"	"
7'-9"	31	"	"	"	"	"	"	"	"	36	"	"	"	"	"	44	"	"	"	"	"	52	"	"	"	"	"	"	"	60	"	"
8'-0"	31	"	"	"	"	"	"	"	"	36	"	"	"	"	"	44	"	"	"	"	"	52	"	"	"	"	"	"	"	60	"	"
8'-3"	32	"	"	"	"	"	"	"	"	36	"	"	"	"	"	44	"	"	"	"	"	52	"	"	"	"	"	"	"	60	"	"
8'-6"	33	"	"	"	"	"	"	"	"	38	"	"	"	"	"	46	"	"	"	"	"	54	"	"	"	"	"	"	"	62	"	"
8'-9"	34	"	"	"	"	"	"	"	"	38	"	"	"	"	"	46	"	"	"	"	"	54	"	"	"	"	"	"	"	62	"	"
9'-0"	35	"	"	"	"	"	"	"	"	40	"	"	"	"	"	48	"	"	"	"	"	56	"	"	"	"	"	"	"	64	"	"
9'-3"	36	"	"	"	"	"	"	"	"	40	"	"	"	"	"	48	"	"	"	"	"	56	"	"	"	"	"	"	"	64	"	"
9'-6"	37	"	"	"	"	"	"	"	"	42	"	"	"	"	"	50	"	"	"	"	"	58	"	"	"	"	"	"	"	66	"	"
10'-0"	38	"	"	"	"	"	"	"	"	42	"	"	"	"	"	50	"	"	"	"	"	58	"	"	"	"	"	"	"	66	"	"

NOTE:
- FOR CONVENIENCE, DEPTHS OF INLETS SHOWN IN ABOVE TABLES ARE IN INCREMENTS OF 3 INCHES BUT ANY DEPTHS OTHER THAN THOSE SHOWN ABOVE MAY BE USED WHEREVER DEEMED NECESSARY. QUANTITIES FOR OTHER DEPTHS FALLING WITHIN THE LIMITS OF THE TABLE MAY BE FOUND BY INTERPOLATION.
- DEPTHS GREATER THAN 10' NEED TO BE STRUCTURALLY ENGINEERED.

STANDARD DRAWING NO. 6030F

CURB INLET RECESSED
BILL OF REINFORCING STEEL

North Central Texas Council of Governments

STANDARD SPECIFICATION REFERENCE: 702
DATE: AUG '23
STANDARD DRAWING NO.: 6030F

SUMMARY OF QUANTITIES FOR CURB INLETS

DEPTH "D"	5'-0" OPENING						10'-0" OPENING						15'-0" OPENING						20'-0" OPENING					
	WIDTH 3'-0"		WIDTH 4'-0"		WIDTH 5'-0"		WIDTH 3'-0"		WIDTH 4'-0"		WIDTH 5'-0"		WIDTH 3'-0"		WIDTH 4'-0"		WIDTH 5'-0"		WIDTH 3'-0"		WIDTH 4'-0"		WIDTH 5'-0"	
	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.	CONC C.Y.	STEEL LBS.
3'-6"	2.87	324	3.23	357	3.59	390	4.41	496	4.95	540	5.50	584	5.94	684	6.67	742	7.40	799	7.48	858	8.40	926	9.31	995
3'-9"	2.96	333	3.32	367	3.69	401	4.54	512	5.09	556	5.64	601	6.12	706	6.86	764	7.60	822	7.70	886	8.63	955	9.55	1024
4'-0"	3.04	353	3.42	390	3.79	428	4.66	537	5.23	585	5.79	633	6.29	737	7.04	799	7.79	861	7.92	923	8.86	996	9.79	1068
4'-3"	3.12	358	3.51	396	3.89	434	4.79	545	5.37	594	5.94	643	6.47	748	7.23	811	7.99	873	8.14	937	9.09	1010	10.03	1083
4'-6"	3.21	376	3.60	417	4.00	457	4.92	573	5.51	624	6.09	675	6.64	786	7.41	850	8.18	915	8.36	984	9.32	1059	10.27	1134
4'-9"	3.29	382	3.69	423	4.10	464	5.05	581	5.65	633	6.24	684	6.82	796	7.60	862	8.37	927	8.59	997	9.55	1073	10.51	1149
5'-0"	3.37	387	3.79	429	4.20	471	5.18	589	5.79	641	6.38	693	7.00	807	7.78	873	8.57	939	8.81	1011	9.78	1087	10.75	1164
5'-3"	3.46	406	3.88	450	4.30	493	5.31	617	5.92	671	6.53	725	7.17	845	7.97	912	8.76	980	9.03	1057	10.02	1136	10.99	1215
5'-6"	3.54	411	3.97	456	4.40	500	5.44	625	6.06	680	6.68	735	7.35	855	8.15	924	8.96	992	9.25	1071	10.25	1150	11.23	1229
5'-9"	3.62	429	4.06	476	4.50	523	5.57	653	6.20	710	6.83	767	7.52	893	8.34	963	9.15	1034	9.48	1118	10.48	1199	11.48	1280
6'-0"	3.71	435	4.16	482	4.61	530	5.70	661	6.34	719	6.98	776	7.70	903	8.53	975	9.35	1046	9.70	1131	10.71	1213	11.72	1295
6'-3"	3.79	444	4.25	492	4.71	540	5.83	676	6.48	735	7.12	793	7.88	925	8.71	997	9.54	1069	9.92	1159	10.94	1242	11.96	1324
6'-6"	3.87	459	4.34	509	4.81	559	5.96	697	6.62	757	7.27	818	8.05	952	8.90	1026	9.74	1100	10.14	1191	11.17	1276	12.20	1361
6'-9"	3.96	464	4.43	515	4.91	566	6.09	705	6.76	766	7.42	827	8.23	962	9.08	1037	9.93	1112	10.36	1205	11.40	1290	12.44	1376
7'-0"	4.04	482	4.53	536	5.01	589	6.22	733	6.90	796	7.57	859	8.40	1000	9.27	1077	10.12	1154	10.59	1252	11.64	1339	12.68	1427
7'-3"	4.12	488	4.62	542	5.12	595	6.35	741	7.04	805	7.72	869	8.58	1010	9.45	1088	10.32	1166	10.81	1265	11.87	1353	12.92	1442
7'-6"	4.21	497	4.71	552	5.22	606	6.48	756	7.17	821	7.87	885	8.76	1032	9.64	1110	10.51	1189	11.03	1293	12.10	1382	13.16	1471
7'-9"	4.29	512	4.80	568	5.32	625	6.61	777	7.31	843	8.01	910	8.93	1059	9.82	1139	10.71	1219	11.25	1326	12.33	1417	13.40	1508
8'-0"	4.37	517	4.90	574	5.42	632	6.74	785	7.45	852	8.16	919	9.11	1069	10.01	1150	10.90	1231	11.48	1339	12.56	1431	13.64	1522
8'-3"	4.46	526	4.99	584	5.52	642	6.87	800	7.59	868	8.31	936	9.28	1091	10.19	1173	11.10	1254	11.70	1367	12.79	1459	13.88	1551
8'-6"	4.54	541	5.08	601	5.63	661	7.00	820	7.73	891	8.46	961	9.46	1118	10.38	1201	11.29	1285	11.92	1399	13.02	1494	14.12	1588
8'-9"	4.62	550	5.17	611	5.73	672	7.13	836	7.87	907	8.61	978	9.64	1139	10.56	1224	11.49	1308	12.14	1427	13.26	1522	14.36	1617
9'-0"	4.71	565	5.27	628	5.83	691	7.26	856	8.01	929	8.75	1002	9.81	1166	10.75	1252	11.68	1339	12.36	1460	13.49	1557	14.60	1654
9'-3"	4.79	574	5.36	638	5.93	701	7.39	872	8.15	945	8.90	1019	9.99	1187	10.93	1275	11.87	1362	12.59	1487	13.72	1585	14.85	1683
9'-6"	4.87	588	5.45	654	6.03	720	7.52	892	8.29	968	9.05	1044	10.16	1214	11.12	1303	12.07	1393	12.81	1520	13.95	1620	15.09	1720
10'-0"	5.04	603	5.64	670	6.24	738	7.78	916	8.56	993	9.35	1070	10.51	1246	11.49	1337	12.46	1428	13.25	1561	14.41	1662	15.57	1764

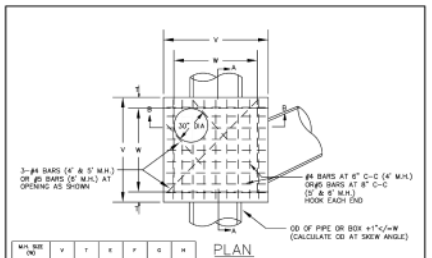
NOTE:
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- DEPTHS GREATER THAN 10' NEED TO BE STRUCTURALLY ENGINEERED.

STANDARD DRAWING NO. 6030G

CURB INLET RECESSED
SUMMARY OF QUANTITIES

North Central Texas Council of Governments

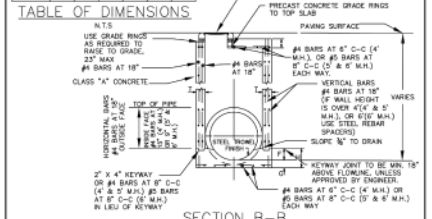
STANDARD SPECIFICATION REFERENCE: 702
DATE: AUG '23
STANDARD DRAWING NO.: 6030G



PLAN
N.T.S.

M.H. SIZE (N)	V	T	X	F	G	H
4'-0"	5'-4"	0'-8"	0'-8"	1'-8"	0'-8"	2'-8"
5'-0"	6'-4"	0'-8"	0'-8"	1'-8"	0'-8"	2'-8"
6'-0"	7'-4"	0'-8"	0'-8"	1'-8"	0'-10"	2'-8"

TABLE OF DIMENSIONS
N.T.S.

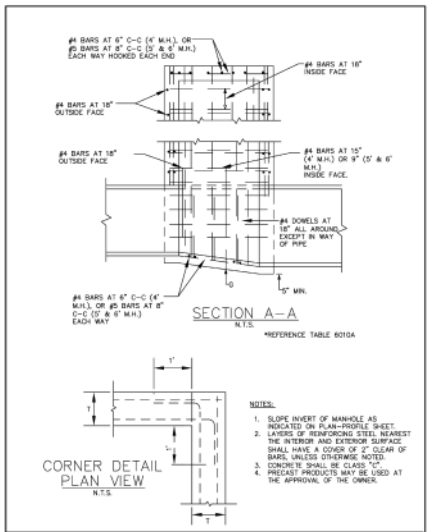


SECTION B-B
N.T.S

STORM WATER MANHOLE
4', 5', OR 6' SQUARE

North Central Texas Council of Governments

STANDARD SPECIFICATION REFERENCE: 502.1.4.1
DATE: AUG '23
STANDARD DRAWING NO.: 6010A



SECTION A-A
N.T.S.
*REFERENCE TABLE 6010A

CORNER DETAIL
PLAN VIEW
N.T.S.

NOTES:
1. SLOPE INVERT OF MANHOLE AS INDICATED ON PLAN-PROFILE SHEET.
2. LAYERS OF REINFORCING STEEL NEAREST THE INTERIOR AND EXTERIOR SURFACE SHALL HAVE A COVER OF 2" CLEAR OF BARS, UNLESS OTHERWISE NOTED.
3. CONCRETE SHALL BE CLASS "C".
4. PRECAST PRODUCTS MAY BE USED AT THE APPROVAL OF THE OWNER.

STORM WATER MANHOLE
4', 5', OR 6' SQUARE

North Central Texas Council of Governments

STANDARD SPECIFICATION REFERENCE: 502.1.4.1
DATE: AUG '23
STANDARD DRAWING NO.: 6010B

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

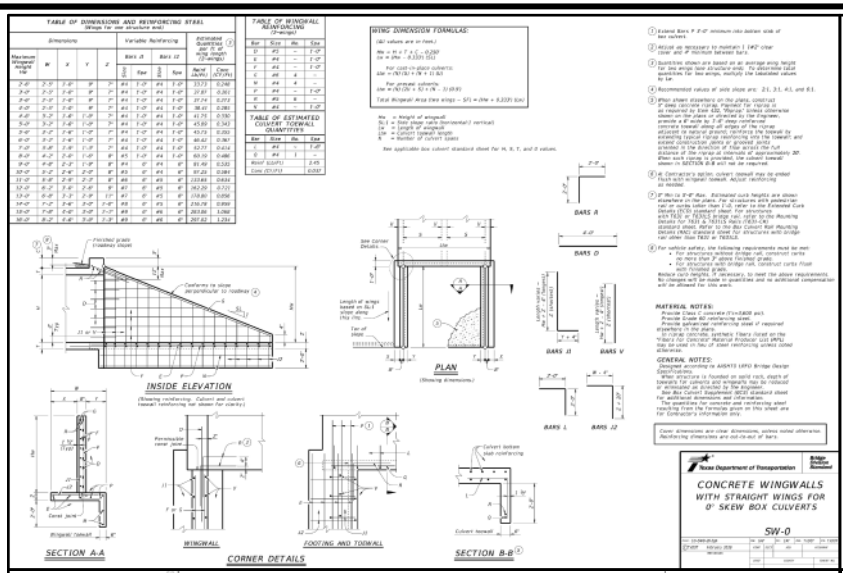
PAPE-DAWSON
6705 TENNYSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM 470 | TEXAS SURVEYING FIRM #100280

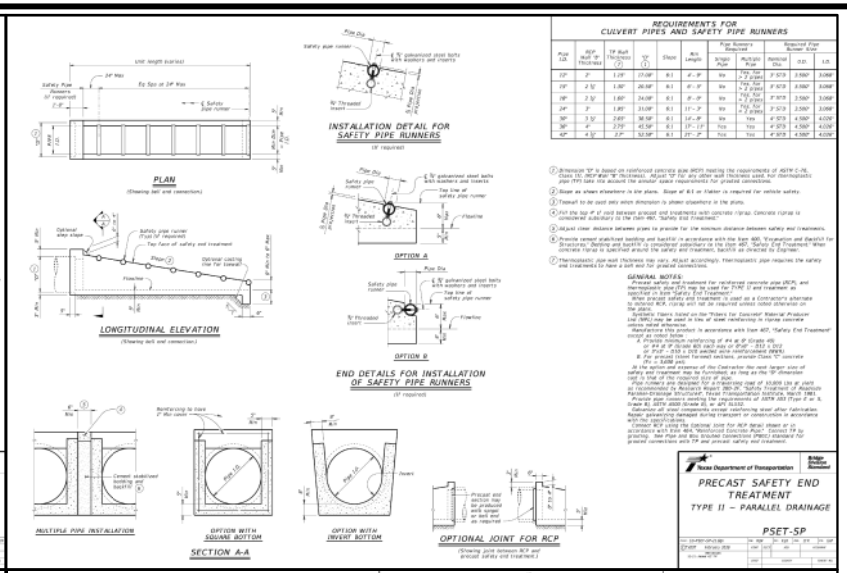
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM DRAIN DETAILS

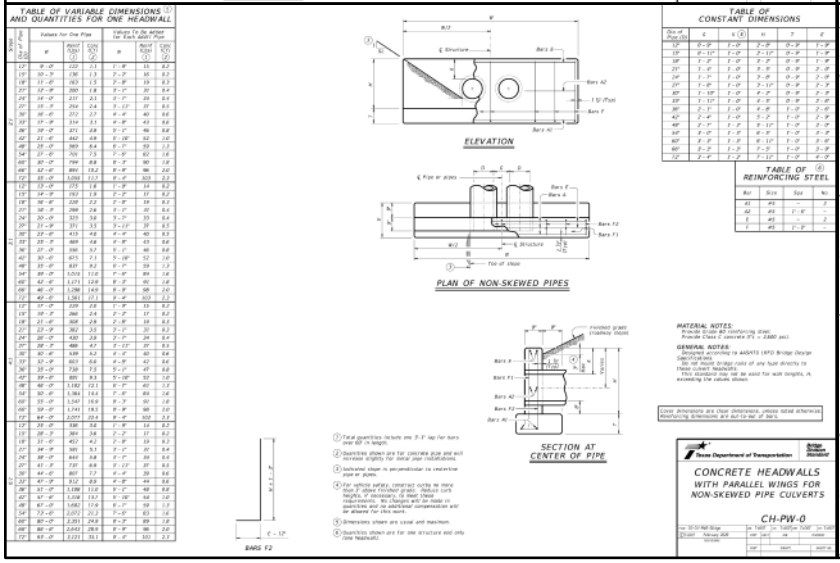
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER CL
CHECKED AR DRAWN CL
SHEET 26

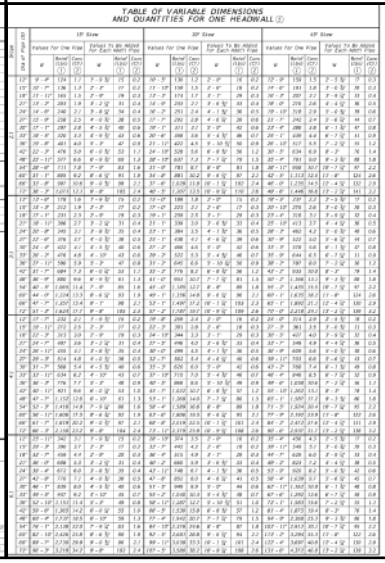
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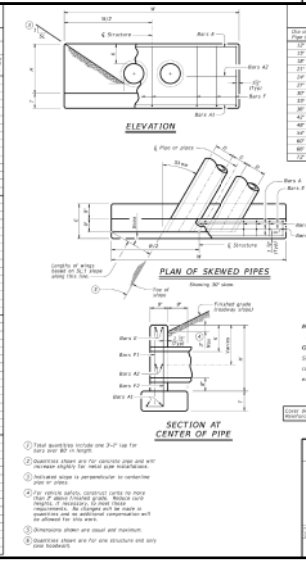
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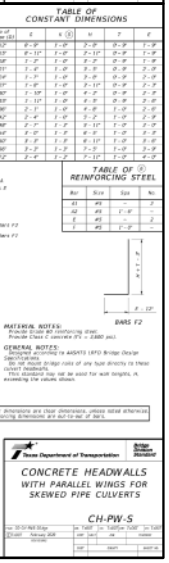












PAPE–DAWSON
6705 TOWNTOWN PKWY, STE 240 | PLANO, TX 75024 | 214.420.8444
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100300

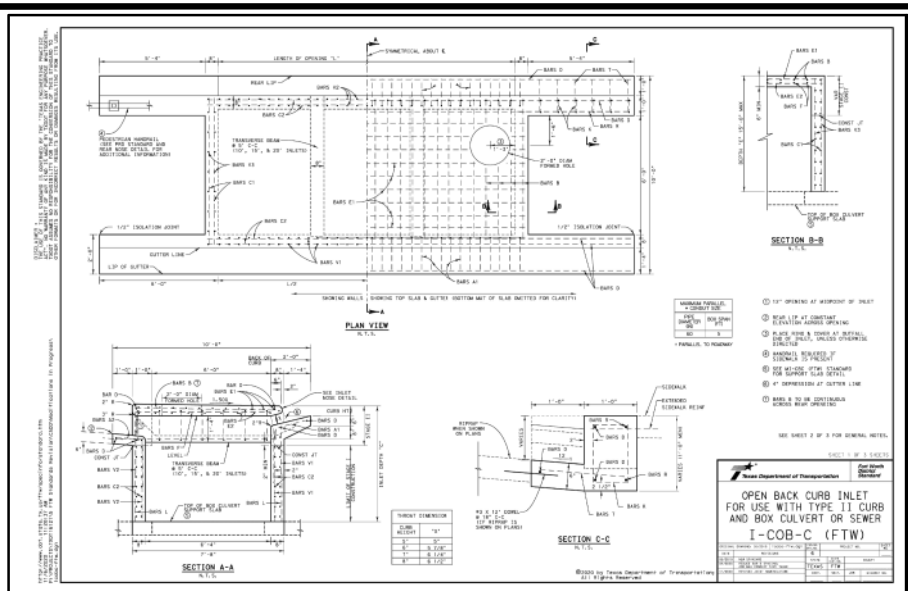
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STORM DRAIN DETAILS

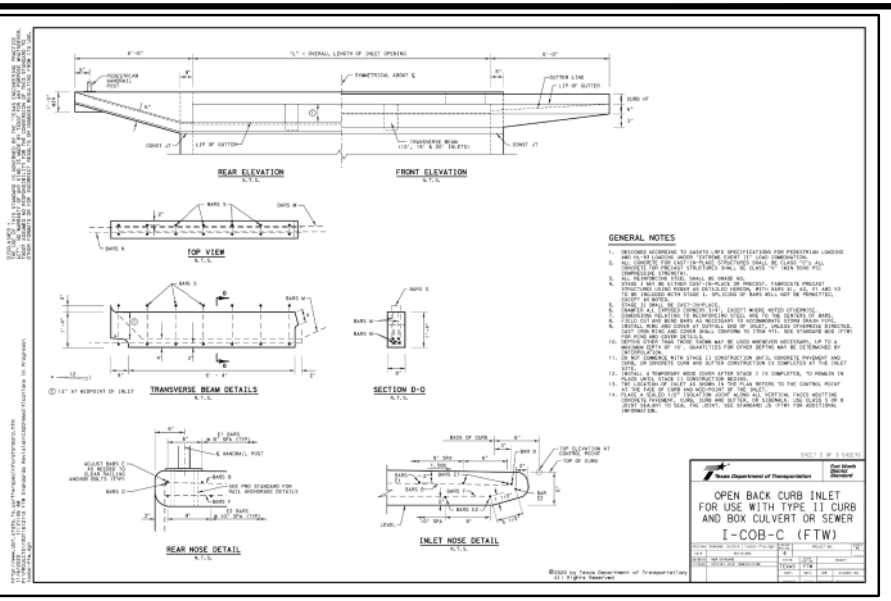
NO.	REVISION	DATE

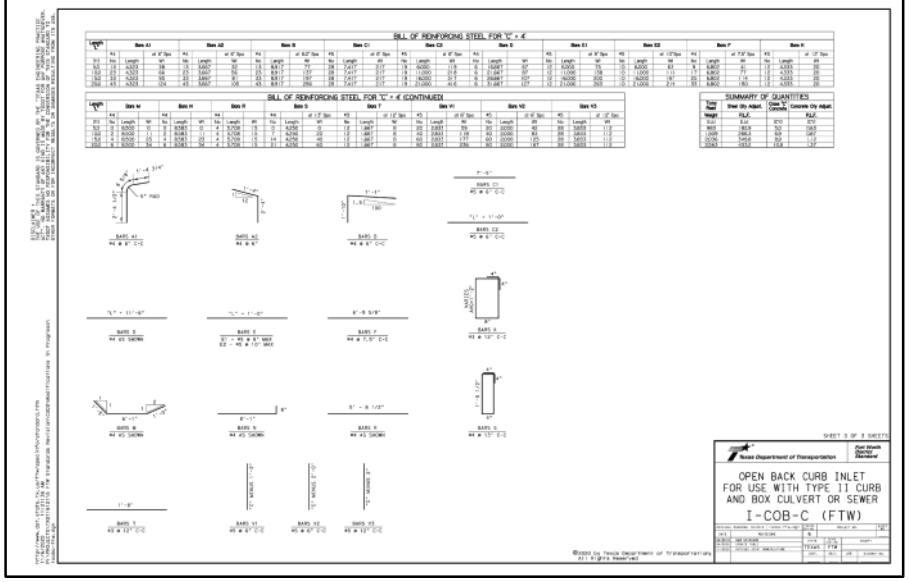
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JOB NO. 70172-10
DATE APRIL 2026
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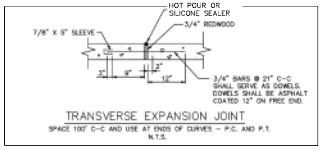
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Date: April 21, 2026, 11:47 AM - User ID: ksteinmiller
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NOTES:
1. SAW JOINTS SHALL BE PROVIDED EVERY 50' AND SEALED WITH EITHER HOT POUR OR SILICONE SEALER.

NO.	REVISION	DATE

ANNA JANE ROSCOE
142544
ENGINEERING
4/2/2026

PAPE-DAWSON
8100 TOWNSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6944
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280

CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

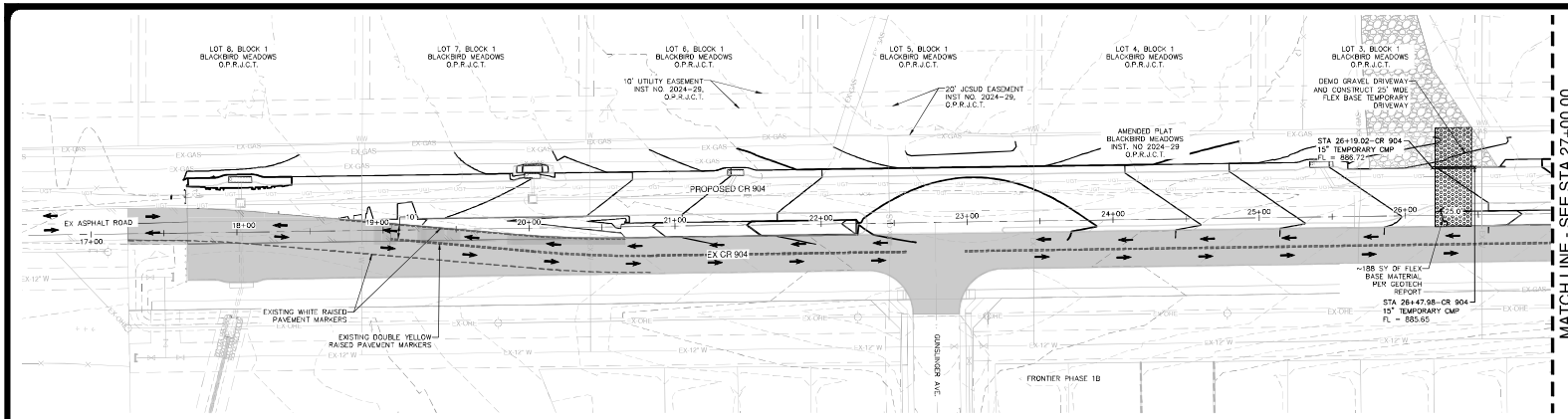
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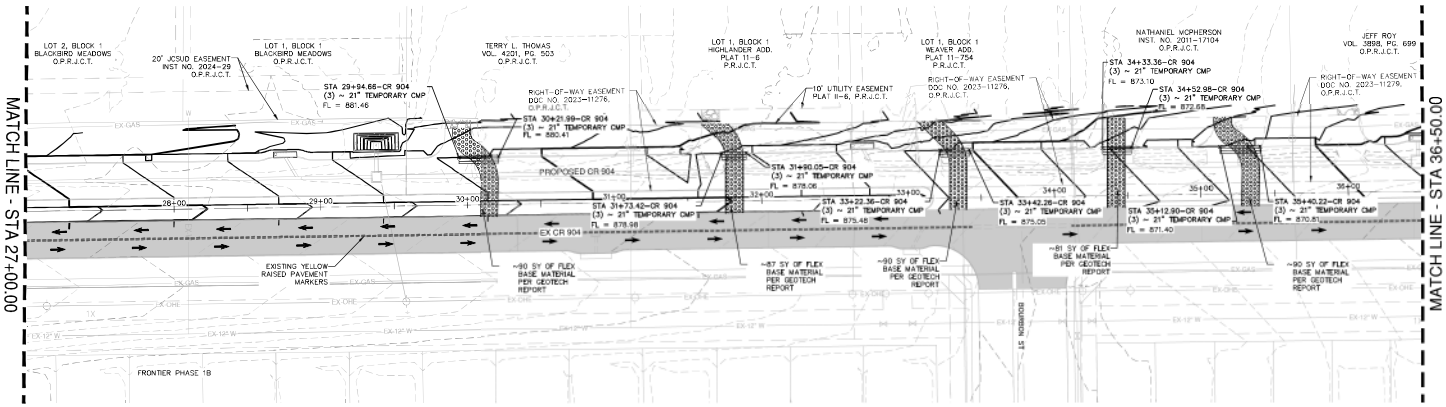
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JOB NO. 70172-10
DATE APRIL 2026
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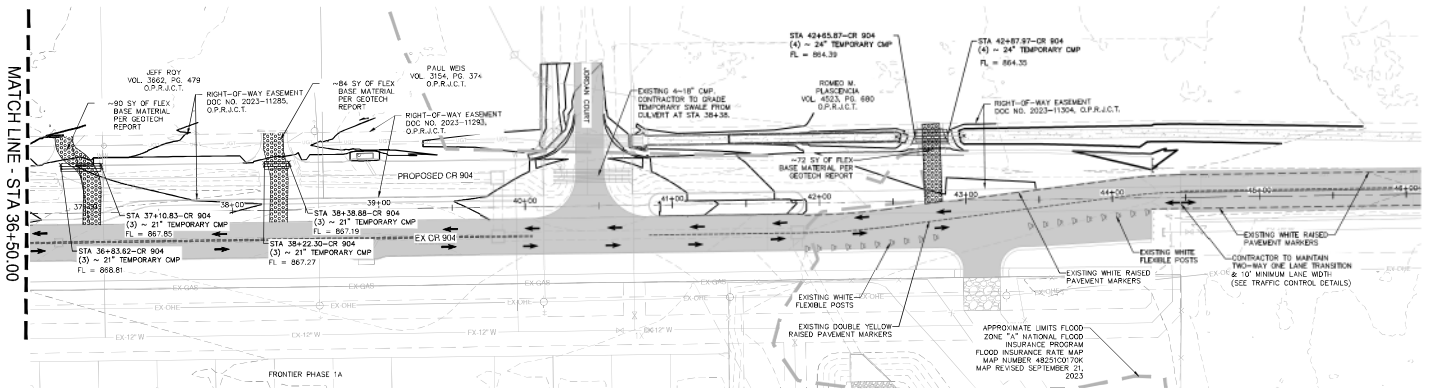
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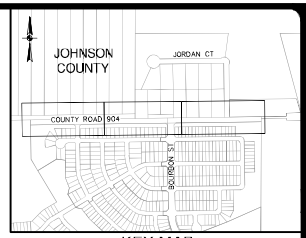
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KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836185.460	N:6841154.036	N:6841066.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- TEMPORARY 12' WIDE FLEX BASE DRIVEWAY
- EXISTING PAVEMENT
- EXISTING ASPHALT
- PROPOSED ASPHALT
- PROPOSED TRAVEL LANE DIRECTIONS

NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL BY THE GOVERNING AUTHORITIES A TRAFFIC CONTROL PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. THE COSTS ASSOCIATED WITH THE PREPARATION AND IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
2. CONTRACTOR TO BUILD DRIVEWAYS IN A MANNER THAT HOME OWNERS MAINTAIN ACCESS TO PROPERTY AT ALL TIMES
3. SEE SHEET 12 FOR DRIVEWAY DETAIL.
4. SEE STRIPING, SIGNAGE & PAVEMENT MARKING SHEET FOR STAGE 2 OF CONSTRUCTION PHASING PLAN.
5. FLOW LINE OF TEMPORARY CMP CULVERTS ARE TO BE PLACED AT PROPOSED SUBGRADE OF ROAD GUTTER LINE.
6. TEMPORARY CMP CULVERTS ARE TO EXTEND A MINIMUM OF 2.0' PAST EDGE OF DRIVEWAYS.
7. TEMPORARY DRIVEWAYS ARE TO HAVE AN INNER CURVE RADIUS OF 20' & AN OUTER CURVE RADIUS OF 32' UNLESS OTHERWISE NOTED.

TRENCH EXCAVATION SAFETY PROTECTION

CONTRACTOR AND / OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL (DESIGN/ GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND /OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

UTILITY NOTE

THE EXISTING UTILITIES SHOWN ON THESE PLANS WERE COMPILED FROM VARIOUS SOURCES AND ARE INTENDED TO SHOW THE GENERAL EXISTENCE AND LOCATION OF THE UTILITY INFORMATION ON THE PLANS. THE CONTRACTOR SHALL CONTACT A UTILITY LOCATING SERVICE 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND QTY ALL EXISTING UTILITIES AND DETERMINE IF THERE ARE ANY CONFLICTS WITH THE PROPOSED FACILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICTS WITH EXISTING UTILITIES ARE DISCOVERED.

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
02/12/2026

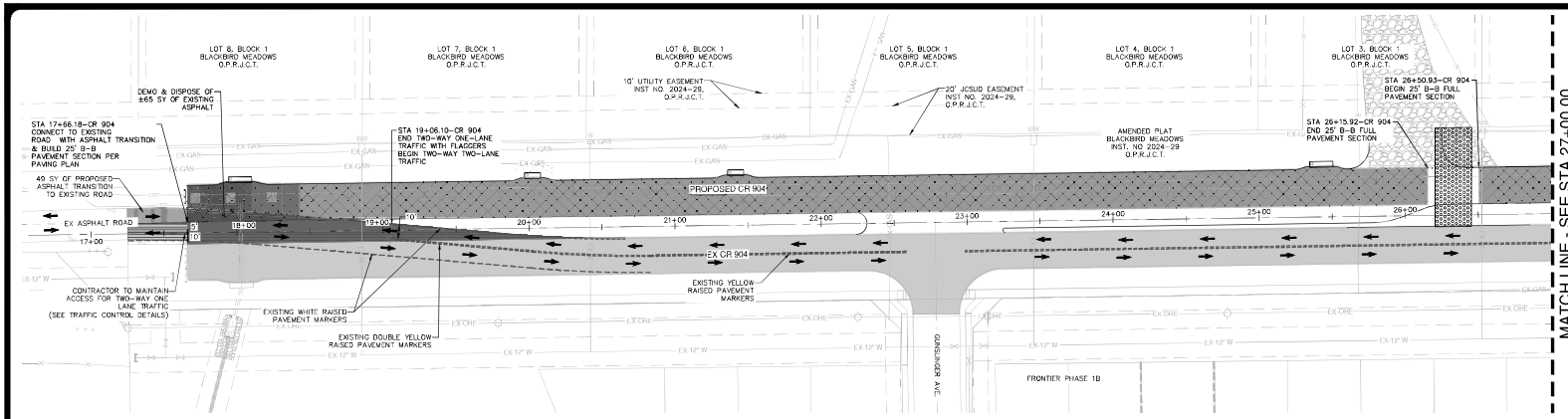
PAPE-DAWSON
6100 TENNYSON PKWY. STE 210 PLANO, TX 75024 | 214.420.0044
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

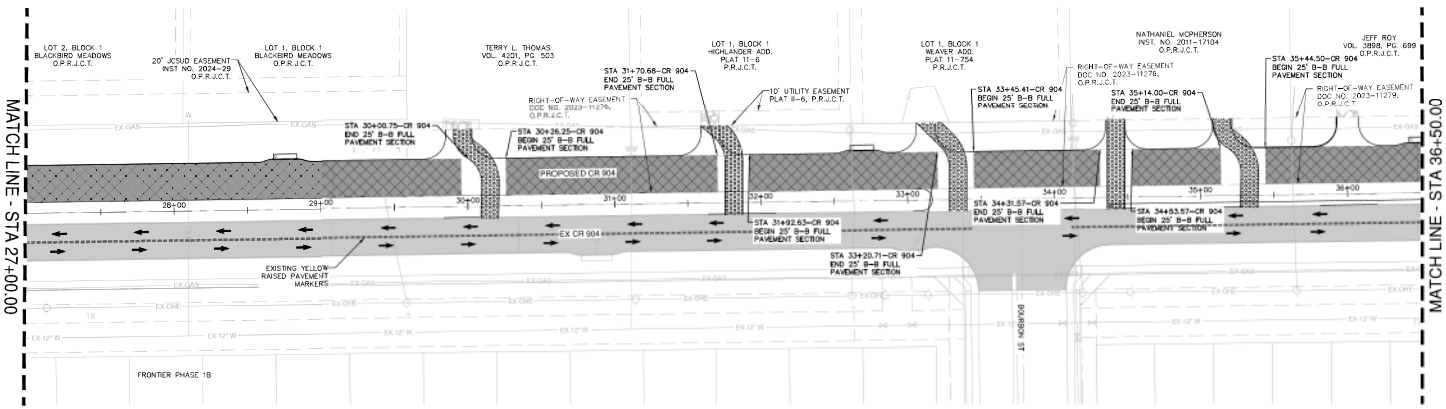
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
CONSTRUCTION PHASING PLAN
STAGE 1 - GRADING & UTILITIES

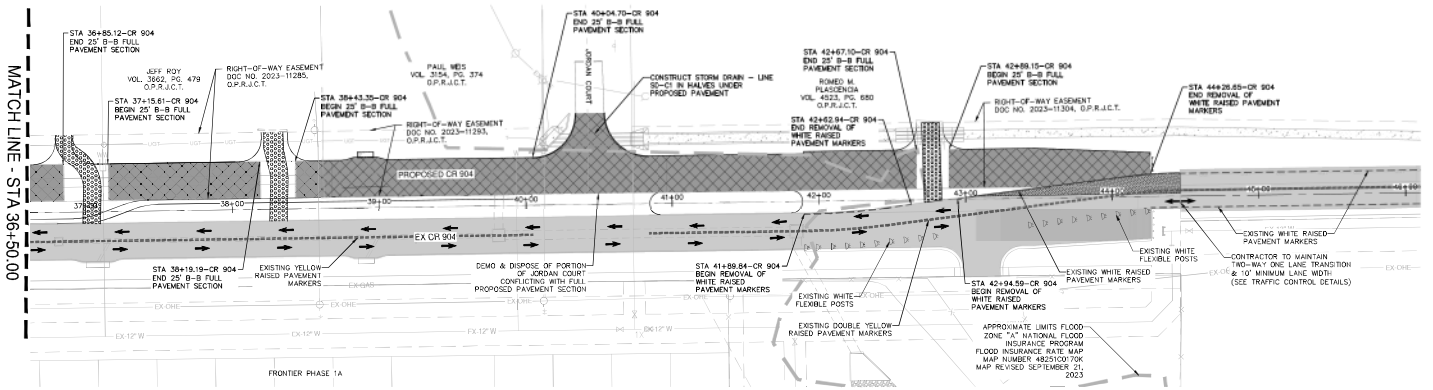
PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER
CHECKED AR DRAWN
SHEET 29

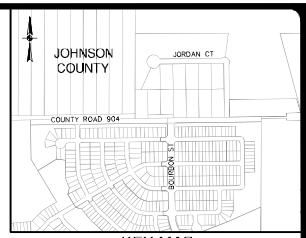
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KEY MAP
NOT–TO–SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836185.460	N:6847154.036	N:6847086.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- STAGE 1A, CONSTRUCT PROPOSED PAVEMENT PER PAVING PLAN
- STAGE 1C, DEMO/DISPOSE OF EXISTING CONCRETE AND RECONSTRUCT PROPOSED CONCRETE FOR TRANSITION TO EXISTING ROAD
- EXISTING CONCRETE
- EXISTING ASPHALT
- PROPOSED ASPHALT
- PROPOSED TRAVEL LANE DIRECTIONS

NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL BY THE GOVERNING AUTHORITIES A TRAFFIC CONTROL PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. THE COSTS ASSOCIATED WITH THE PREPARATION AND IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
2. CONTRACTOR TO BUILD DRIVEWAYS IN A MANNER THAT HOME OWNERS MAINTAIN ACCESS TO PROPERTY AT ALL TIMES
3. SEE SHEET 12 FOR DRIVEWAY DETAIL.
4. SEE STRIPING, SIGNAGE & PAVEMENT MARKING SHEET FOR STAGE 1 OF CONSTRUCTION PHASING PLAN.
5. CONTRACTOR TO BEGIN AND END STAGE 1 FULL PAVEMENT SECTION 5' FROM EDGE OF TEMPORARY DRIVEWAY.
6. TEMPORARY DRIVEWAYS ARE TO HAVE AN INNER CURVE RADIUS OF 20' AND OUTER CURVE RADIUS OF 32' UNLESS OTHERWISE NOTED.

NO.	REVISION	DATE

ANNA JANE TESCIDE 142544 LICENSED PROFESSIONAL ENGINEER

PAPE–DAWSON
8100 TOWNSON PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

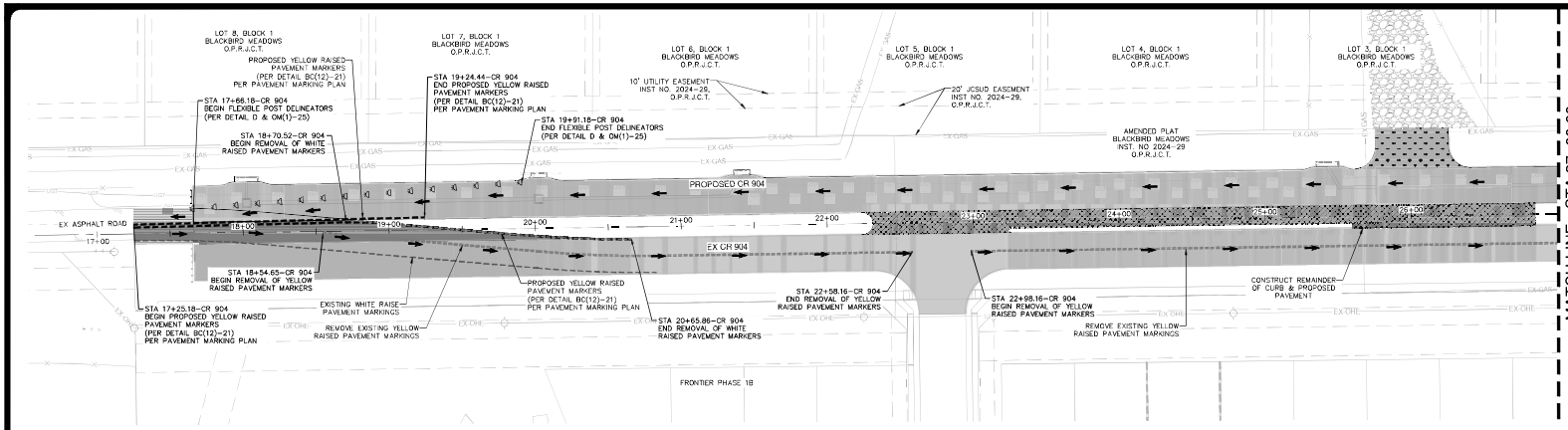
CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

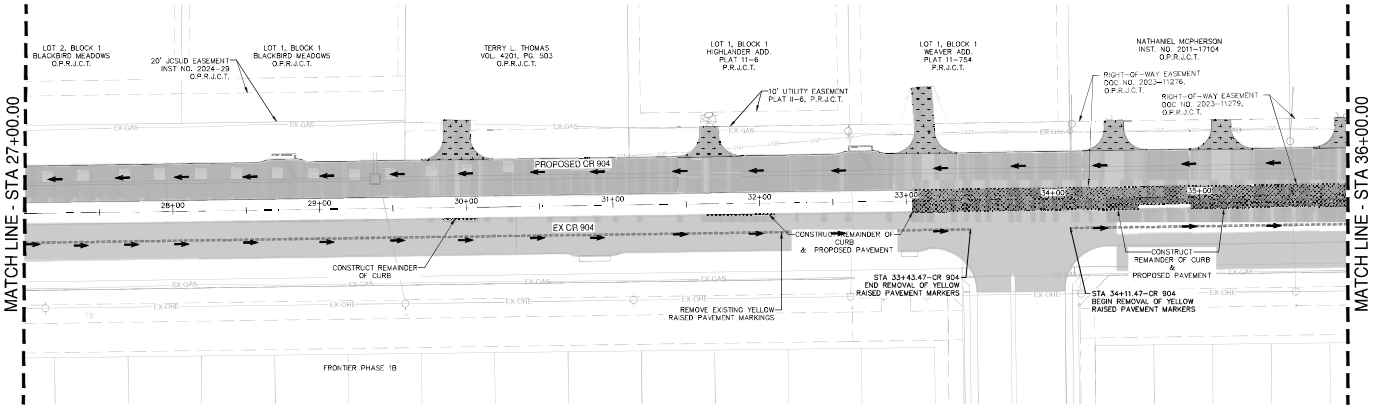
CONSTRUCTION PHASING PLAN
STAGE 1 - PAVING

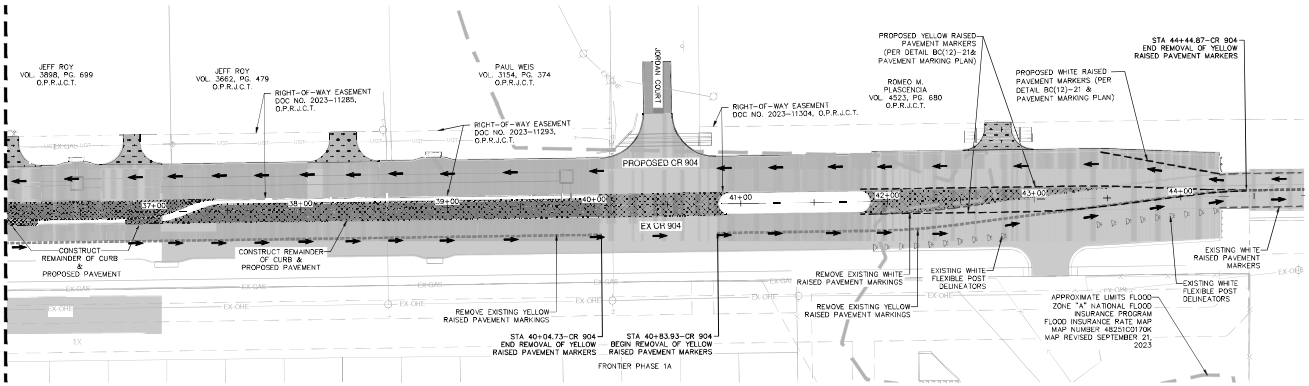
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JOB NO. 70172–10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 30

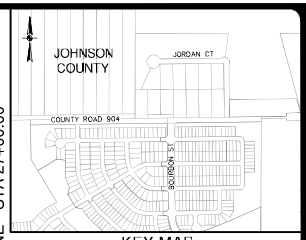
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KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
N:6835620.362	N:6836185.460	N:6841154.026	N:6841066.582	N:6842063.285
E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV:866.8790	ELEV:867.7080	ELEV:894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- STAGE 2, DEMO TEMPORARY FLEX BASE DRIVEWAY AND CONSTRUCT PROPOSED DRIVEWAY AND REMAINDER OF PROPOSED PAVEMENT
- STAGE 2, CONSTRUCT REMAINDER OF PROPOSED PAVEMENT
- EXISTING CONCRETE
- EXISTING ASPHALT
- PROPOSED TRAVEL LANE DIRECTIONS

NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL BY THE GOVERNING AUTHORITIES A TRAFFIC CONTROL PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. THE COSTS ASSOCIATED WITH THE PREPARATION AND IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
2. CONTRACTOR TO BUILD DRIVEWAYS IN A MANNER THAT HOME OWNERS MAINTAIN ACCESS TO PROPERTY AT ALL TIMES
3. SEE SHEET 12 FOR DRIVEWAY DETAIL.
4. DELINEATORS TO BE SPACED AT 30 FT (SPACING CALCULATED BY TMUTCD SECTION 6F.63)
5. SEE STRIPING, SIGNAGE & PAVEMENT MARKING SHEET FOR STAGE 3 OF CONSTRUCTION PHASING PLAN

NO.	REVISION	DATE

ANNA JANE TESCIDE 142544 LICENSED PROFESSIONAL ENGINEER

PAPE-DAWSON
6100 TENNYSON PKWY. STE 210 | PLANO, TX 75024 | 214.420.0044
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

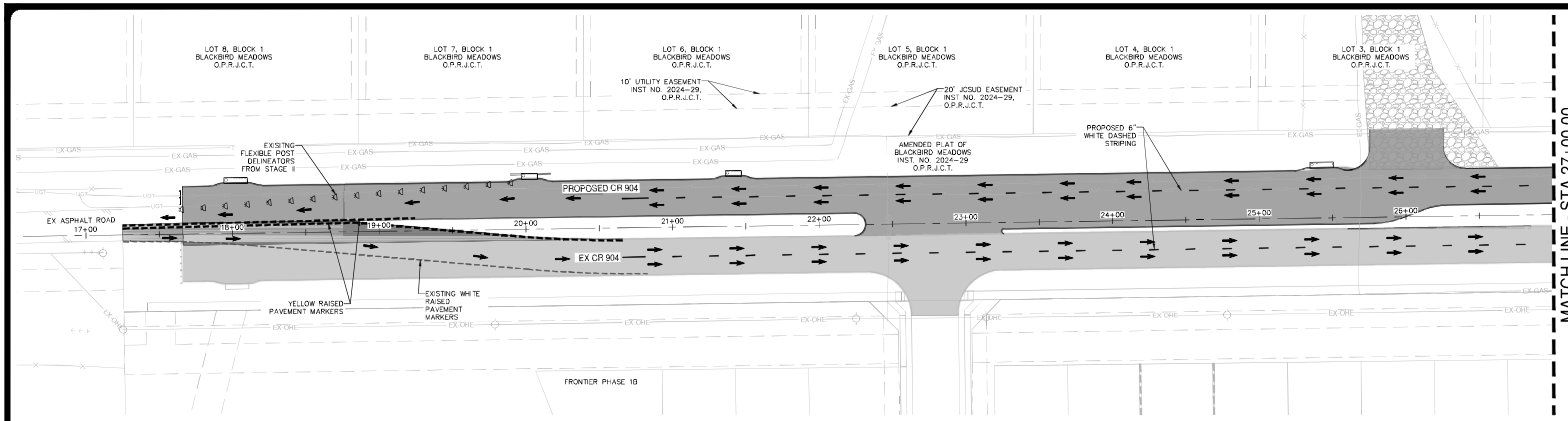
CONSTRUCTION PHASING PLAN
STAGE II - PAVING

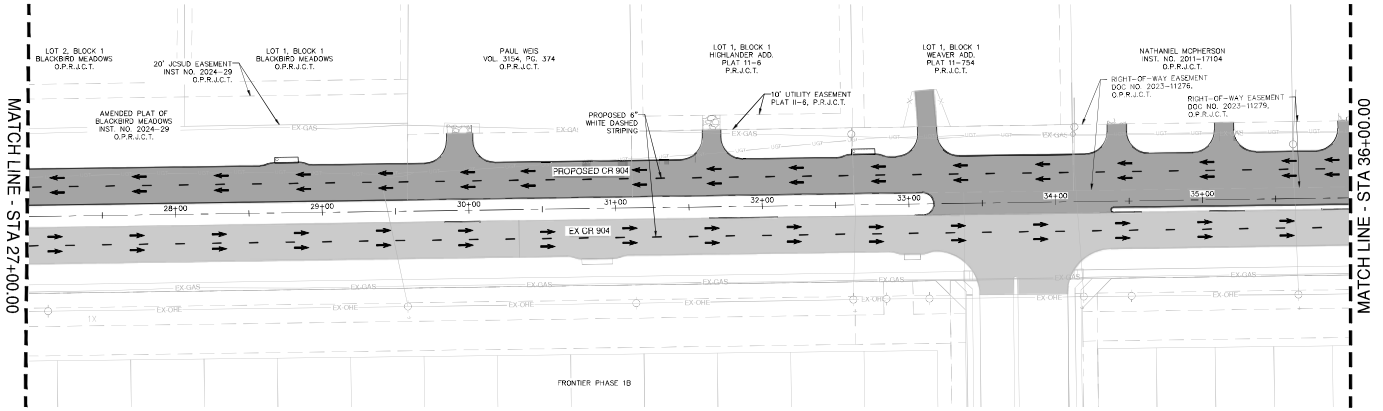
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JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
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SHEET 31

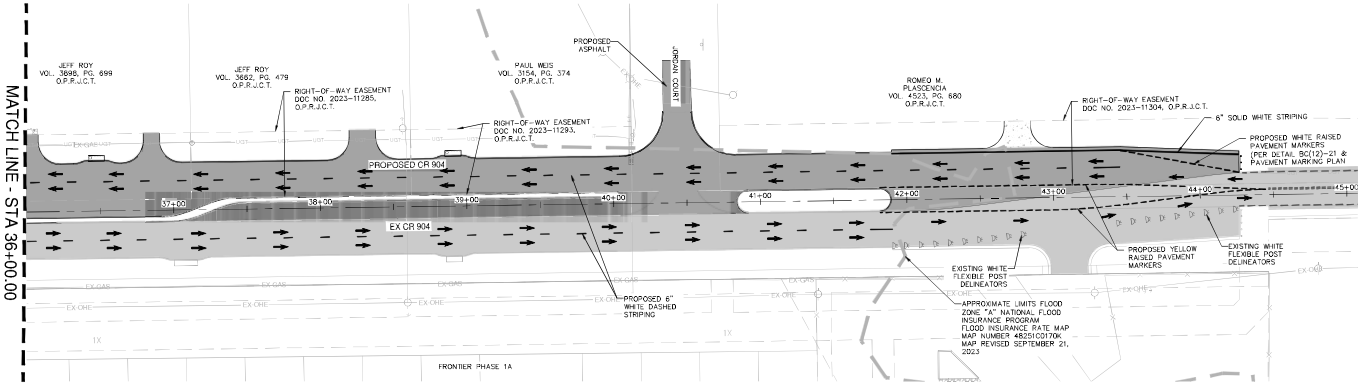
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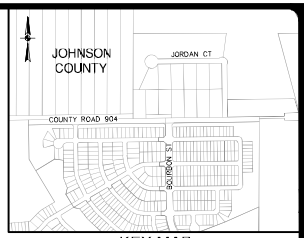
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KEY MAP
NOT-TO-SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ½" IR	HUB 60D NAIL	HUB ½" IR	HUB ½" IR	HUB ½" IR
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E:2298097.190	E:2298117.060	E:2301451.505	E:2301645.519	E:2298098.802
ELEV: 876.1090	ELEV: 876.5790	ELEV: 866.8790	ELEV: 867.7080	ELEV: 894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

- PROPOSED PAVEMENT & CURB
- EXISTING CONCRETE
- EXISTING ASPHALT
- PROPOSED TRAVEL LANE DIRECTIONS

NOTES:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AND SUBMIT FOR APPROVAL, BY THE GOVERNING AUTHORITIES A TRAFFIC CONTROL PLAN PREPARED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS, OUTLINING TRAFFIC MANAGEMENT PROCEDURES TO BE PROVIDED DURING CONSTRUCTION. THE COSTS ASSOCIATED WITH THE PREPARATION AND IMPLEMENTATION OF THE TRAFFIC CONTROL PLAN SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
2. CONTRACTOR TO BUILD DRIVEWAYS IN A MANNER THAT HOME OWNERS MAINTAIN ACCESS TO PROPERTY AT ALL TIMES
3. SEE SHEET 12 FOR DRIVEWAY DETAIL

NO.	REVISION	DATE

ANNA JANE TESCIDE 142544 LICENSED PROFESSIONAL ENGINEER

PAPE-DAWSON
6100 TENNYSON PKWY. STE 210 | PLANO, TX 75024 | 214.420.0044
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #100280-00

CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
CONSTRUCTION PHASING PLAN
STAGE III - PAVING

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 32

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BARRICADE AND CONSTRUCTION (BC) STANDARD SHEETS GENERAL NOTES:

1. The Barricade and Construction Standard Sheets (BC sheets) are intended to show typical examples for placement of temporary traffic control devices, construction pavement markings, and typical work zone signs. The information contained in these sheets meet or exceed the requirements shown in the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
2. The development and design of the Traffic Control Plan (TCP) is the responsibility of the Engineer.
3. The Contractor may propose changes to the TCP that are signed and sealed by a licensed professional engineer for approval. The Engineer may develop, sign and seal Contractor proposed changes.
4. The Contractor is responsible for installing and maintaining the traffic control devices as shown in the plans. The Contractor may not move or change the approximate location of any device without the approval of the Engineer.
5. Geometric design of lane shifts and detours should, when possible, meet the applicable design criteria contained in manuals such as the American Association of State Highway and Transportation Officials (AASHTO), "A Policy on Geometric Design of Highways and Streets," the TxDOT "Roadway Design Manual" or engineering judgment.
6. When projects abut, the Engineer(s) may omit the END ROAD WORK, TRAFFIC FINES DOUBLE, and other advance warning signs if the signing would be redundant and the work areas appear continuous to the motorists. If the adjacent project is completed first, the Contractor shall erect the necessary warning signs as shown on these sheets, the TCP sheets or as directed by the Engineer. The BEGIN ROAD WORK NEXT X MILES sign shall be revised to show appropriate work zone distance.
7. The Engineer may require duplicate warning signs on the median side of divided highways where median width will permit and traffic volumes justify the signing.
8. All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.
9. The temporary traffic control devices shown in the illustrations of the BC sheets are examples. As necessary, the Engineer will determine the most appropriate traffic control devices to be used.
10. Where highway construction or maintenance work is being undertaken, other than mobile operations as defined by the Texas Manual on Uniform Traffic Control Devices, CSJ limit signs are required. CSJ limit signs are shown on BC(2). The OBEY WARNING SIGNS STATE LAW sign, STAY ALERT TALK OR TEXT LATER and the WORK ZONE TRAFFIC FINES DOUBLE sign with plaque shall be erected in advance of the CSJ limits. The BEGIN ROAD WORK NEXT X MILES, CONTRACTOR and END ROAD WORK signs shall be erected at or near the CSJ limits. For mobile operations, CSJ limit signs are not required.
11. Traffic control devices should be in place only while work is actually in progress or a definite need exists.
12. The Engineer has the final decision on the location of all traffic control devices.
13. Inactive equipment and work vehicles, including workers' private vehicles must be parked away from travel lanes. They should be as close to the right-of-way line as possible, or located behind a barrier or guardrail, or as approved by the Engineer.

WORKER SAFETY NOTES:

1. Workers on foot who are exposed to traffic or to construction equipment within the right-of-way shall wear high-visibility safety apparel meeting the requirements of ISEA "American National Standard for High-Visibility Apparel," or equivalent revisions, and labeled as ANSI 107-2004 standard performance for Class 2 or 3 risk exposure. Class 3 garments should be considered for high traffic volume work areas or night time work.
2. Except in emergency situations, flagger stations shall be illuminated when flagging is used at night.

COMPLIANT WORKZONE TRAFFIC CONTROL DEVICES

1. Only pre-qualified products shall be used. The "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources.
2. Work zone traffic control devices shall be compliant with the Manual for Assessing Safety Hardware (MASH).

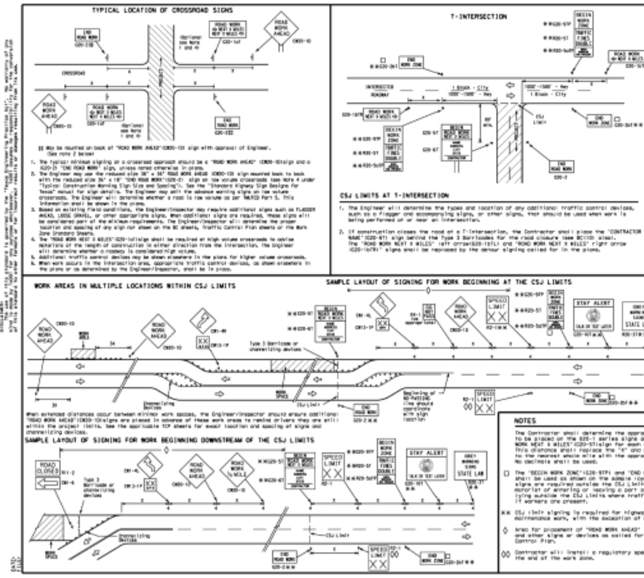
THE DOCUMENTS BELOW CAN BE FOUND ON-LINE AT http://www.txdot.gov
COMPLIANT WORK ZONE TRAFFIC CONTROL DEVICES LIST (CWZTCD)
DEPARTMENTAL MATERIAL SPECIFICATIONS (DMS)
MATERIAL PRODUCER LIST (MPL)
ROADWAY DESIGN MANUAL - SEE "MANUALS (ONLINE MANUALS)"
STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS (SHSD)
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)
TRAFFIC ENGINEERING STANDARD SHEETS

SHEET 1 OF 12

Texas Department of Transportation — Traffic Safety Division Standard

BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS

BC(1)-21



TYPICAL CONSTRUCTION WARNING SIGN SIZE AND SPACING

SIZE

Sign Number or Series	Conventional Road	Expressway/ Freeway
CW20*, CW21, CW22, CW23, CW25	48" x 48"	48" x 48"
CW1, CW2, CW7, CW8, CW9, CW11, CW14	36" x 36"	48" x 48"
CW3, CW4, CW5, CW6, CW8-3, CW10, CW12	48" x 48"	48" x 48"

SPACING

Posted Speed	Sign △ Spacing "X"
MPH	Feet (Apprx.)
30	120
35	160
40	240
45	320
50	400
55	500 [2]
60	600 [2]
65	700 [2]
70	800 [2]
75	900 [2]
80	1000 [2]
*	* [3]

* For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD) typical application diagrams or TCP Standard Sheets.

△ Minimum distance from work area to first Advance Warning sign nearest the work area and/or distance between each additional sign.

GENERAL NOTES

1. Special or larger size signs may be used as necessary.
2. Distance between signs should be increased as required to have 1500 feet advance warning.

LEGEND

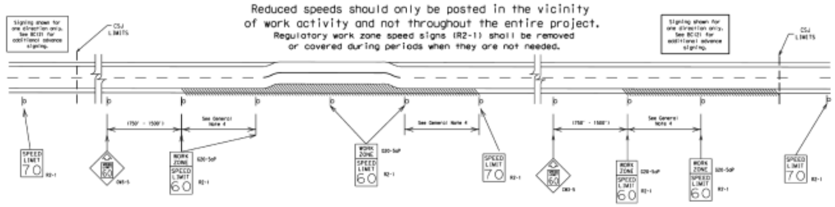
SHEET 2 OF 12

BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC(2)-21

TYPICAL APPLICATION OF WORK ZONE SPEED LIMIT SIGNS

Reduced speeds should only be posted in the vicinity of work activity and not throughout the entire project. Regulatory work zone speed signs (R2-1) shall be removed or covered during periods when they are not needed.



GUIDANCE FOR USE:

LONG/INTERMEDIATE TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit should be included on the design of the traffic control plans when restricted geometrics with a lower design speed are present in the work zone and modification of the geometrics to a higher design speed is not feasible.

Long/Intermediate Term Work Zone Speed Limit signs, when approved as described above, should be posted and visible to the motorist when work activity is present. Work activity may also be defined as a change in the roadway that requires a reduced speed for motorists to safely negotiate the work area, including:
- a) rough road or damaged pavement surface
- b) substantial alteration of roadway geometrics (diversions)
- c) construction detours
- d) grade
- e) width
- f) other conditions readily apparent to the driver

As long as any of these conditions exist, the work zone speed limit signs should remain in place.

SHORT TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit may be included on the design of the traffic control plans when workers or equipment are not behind concrete barrier, when work activity is within 10 feet of the traveled way or actually in the traveled way.

Short Term Work Zone Speed Limit signs should be posted and visible to the motorists only when work activity is present. When work activity is not present, signs shall be removed or covered. (See Removing or Covering on BC(4)).

GENERAL NOTES

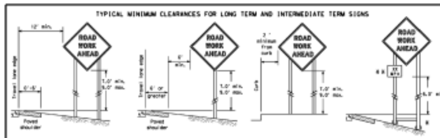
1. Regulatory work zone speed limits should be used only for sections of construction projects where speed control is of major importance.
2. Regulatory work zone speed limit signs shall be placed on supports at a 7 foot minimum mounting height.
3. Speed zone signs are illustrated for one direction of travel and are normally posted for each direction of travel.
4. Frequency of work zone speed limit signs should be:
   40 mph and greater 0.2 to 2 miles
   35 mph and less 0.2 to 1 mile
5. Regulatory speed limit signs shall have black legend and border on a white reflective background (See "Reflective Sheeting" on BC(4)).
6. Fabrication, erection and maintenance of the "ADVANCE SPEED LIMIT" (CW3-5) sign, "WORK ZONE" (G20-5aP) plaque and the "SPEED LIMIT" (R2-1) signs shall not be paid for directly, but shall be considered subsidiary to Item 502.
7. Turning signs from view, laying signs over or down will not be allowed, unless as otherwise noted under "REMOVING OR COVERING" on BC(4).
8. Techniques that may help reduce traffic speeds include but are not limited to:
   A. Law enforcement.
   B. Flagger stationed next to sign.
   C. Portable changeable message sign (PCMS).
   D. Low-power (drone) radar transmitter.
   E. Speed monitor trailers or signs.
9. Speeds shown on details above are for illustration only. Work Zone Speed Limits should only be posted as approved for each project.
10. For more specific guidance concerning the type of work, work zone conditions and factors impacting allowable regulatory construction speed zone reduction see TxDOT form #1204 in the TxDOT e-form system.

SHEET 3 OF 12

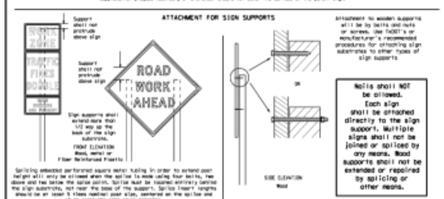
BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT

BC(3)-21

TYPICAL MINIMUM CLEARANCES FOR LONG TERM AND INTERMEDIATE TERM SIGNS



ATTACHMENT FOR SIGN SUPPORTS



STOP/SLOW PADDLES



CONTRACTOR REQUIREMENTS FOR MAINTAINING PERMANENT SIGNS WITHIN THE PROJECT LIMITS

GENERAL NOTES FOR WORK ZONE SIGNS

SHEET 4 OF 12

BARRICADE AND CONSTRUCTION TEMPORARY SIGN NOTES

BC(4)-21

CR 904 IMPROVEMENTS - WESTBOUND

CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

TRAFFIC CONTROL DETAILS

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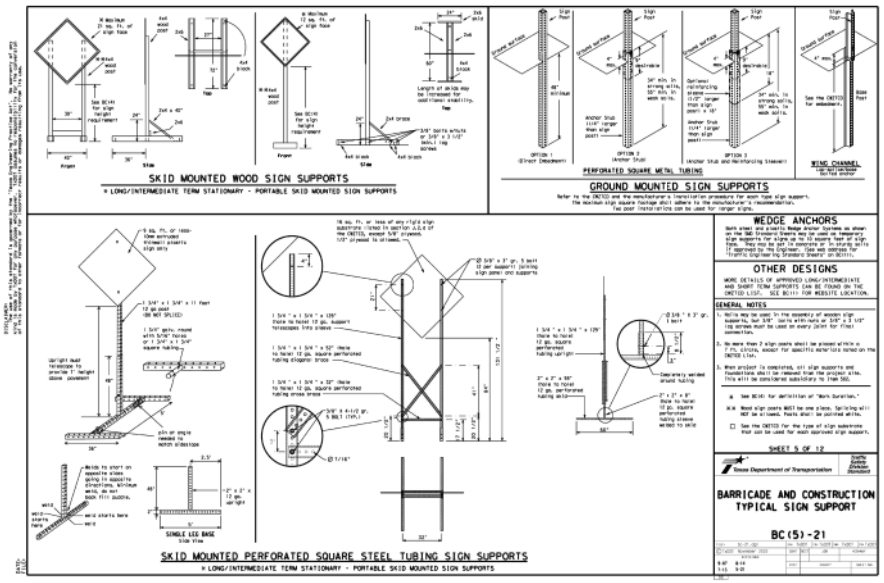
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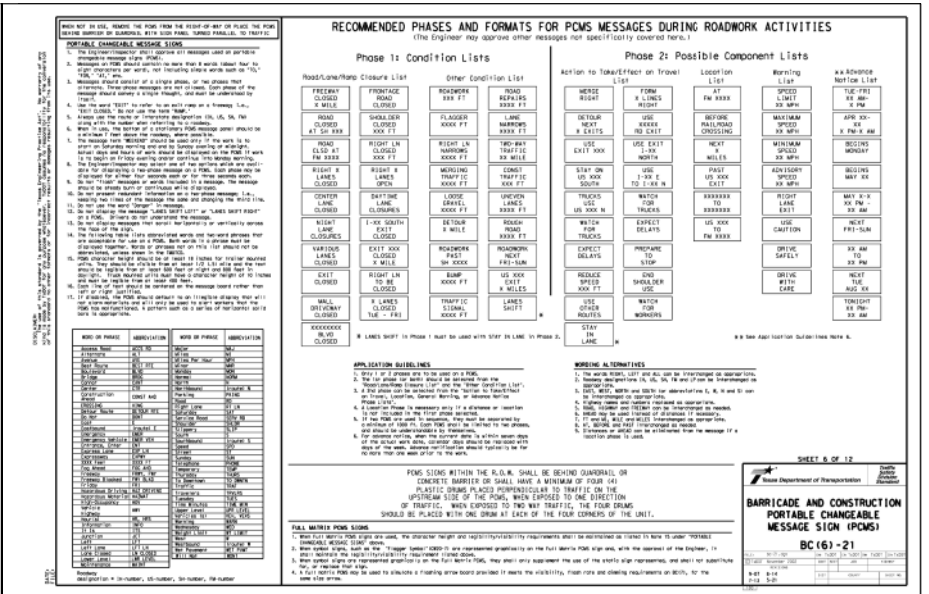
STATE OF TEXAS — ANNA JANE ROSCOE — 142544 — PROFESSIONAL ENGINEER — 4/2/2025

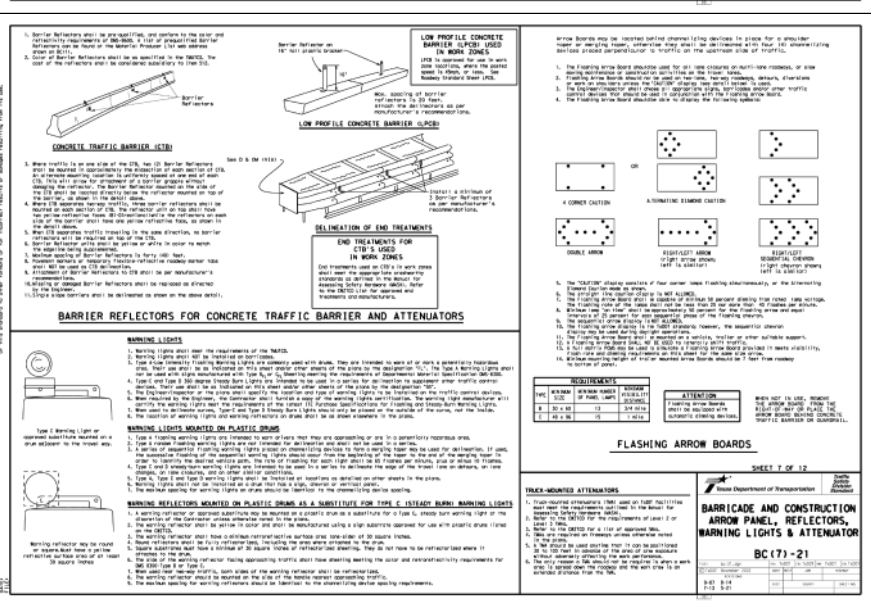
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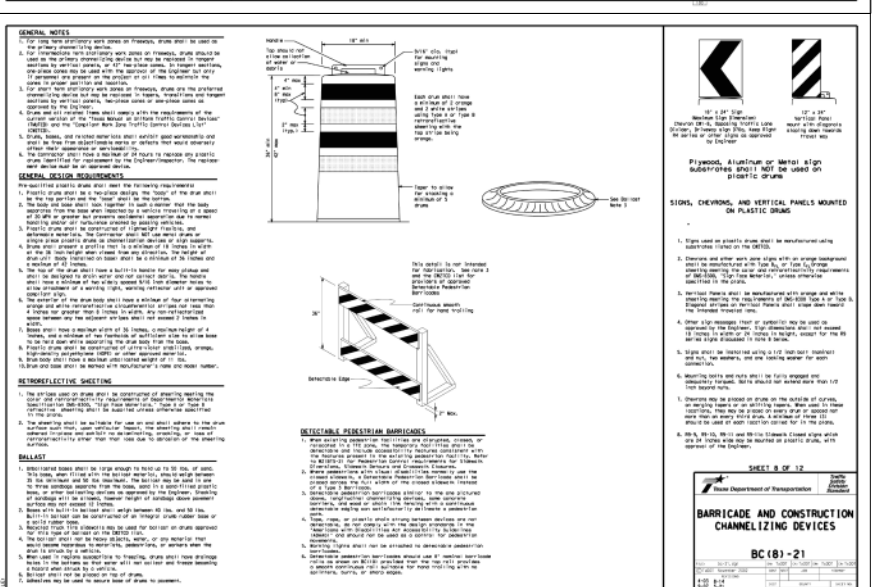
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SHEET 33

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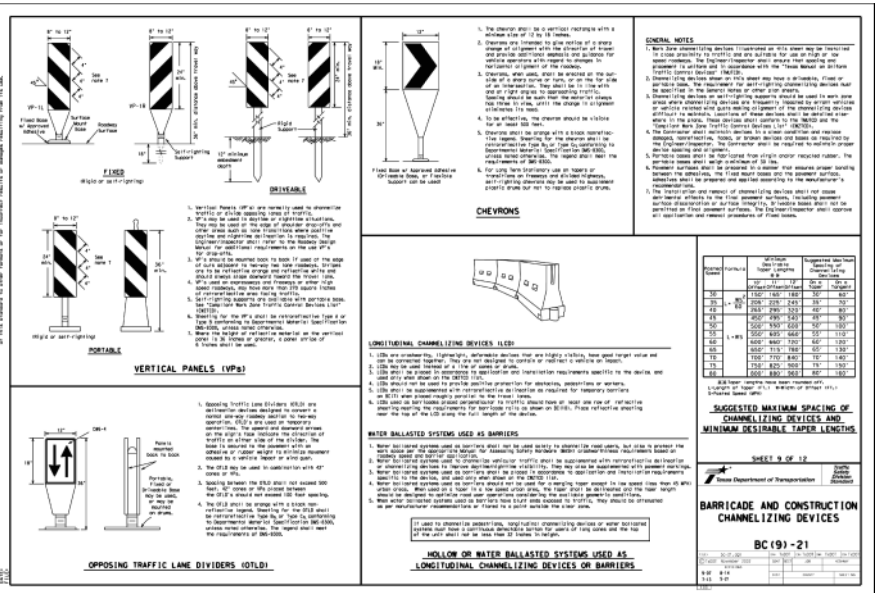
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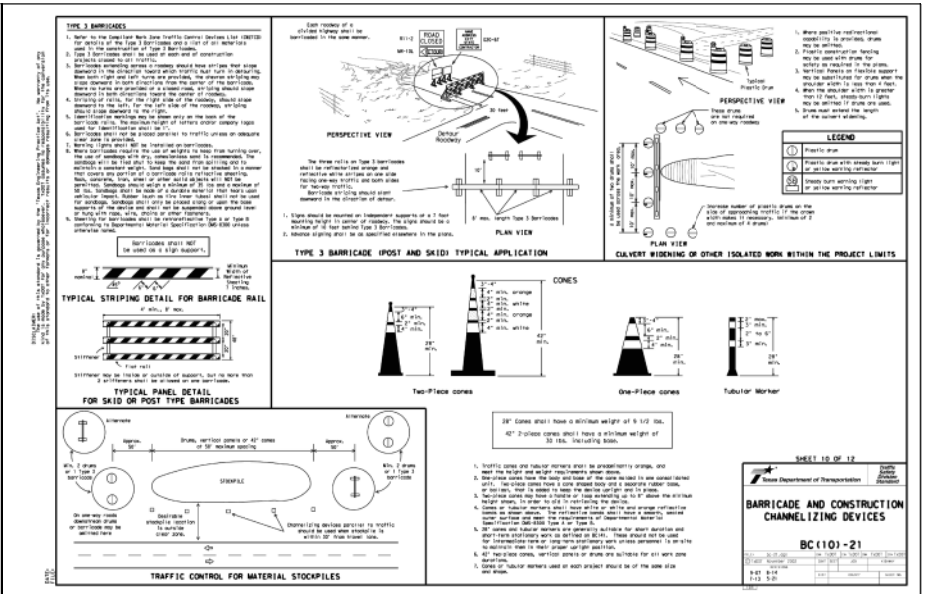
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
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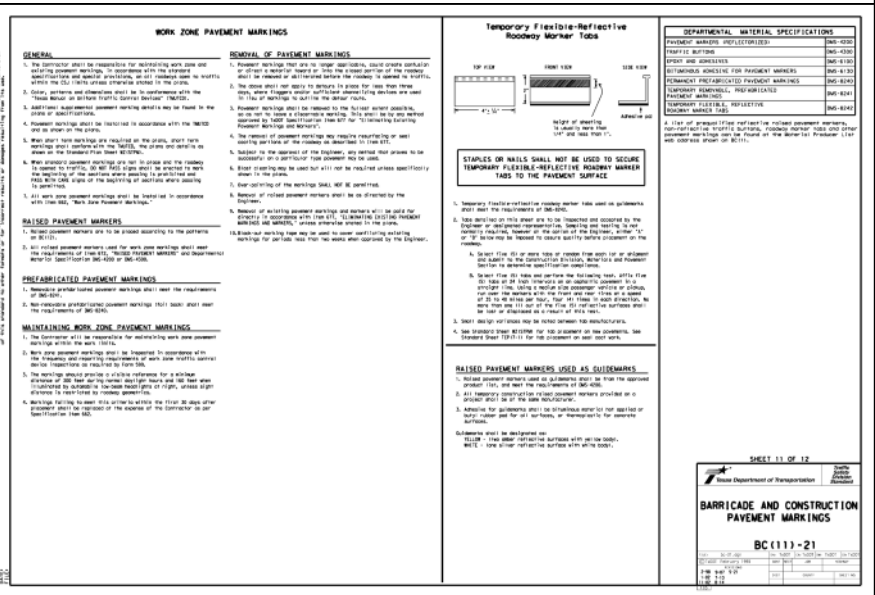
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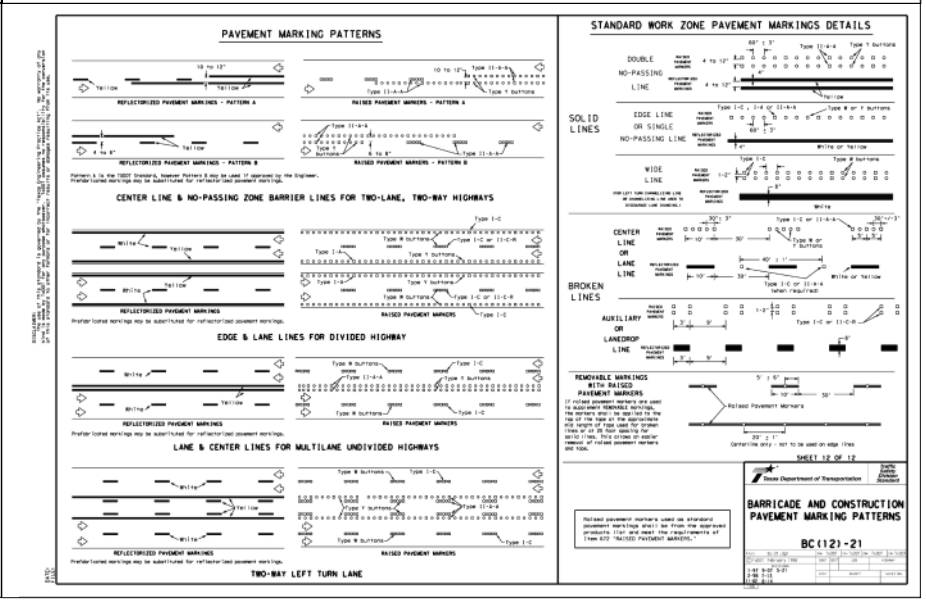
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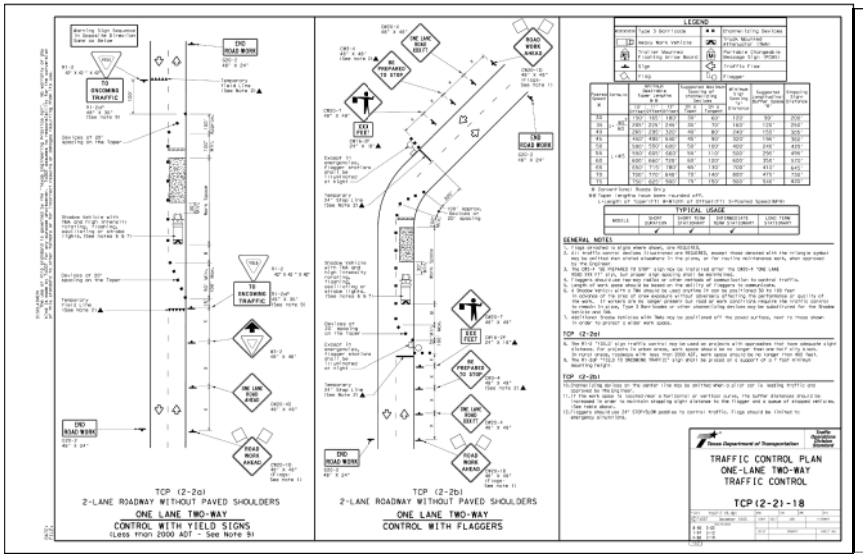
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
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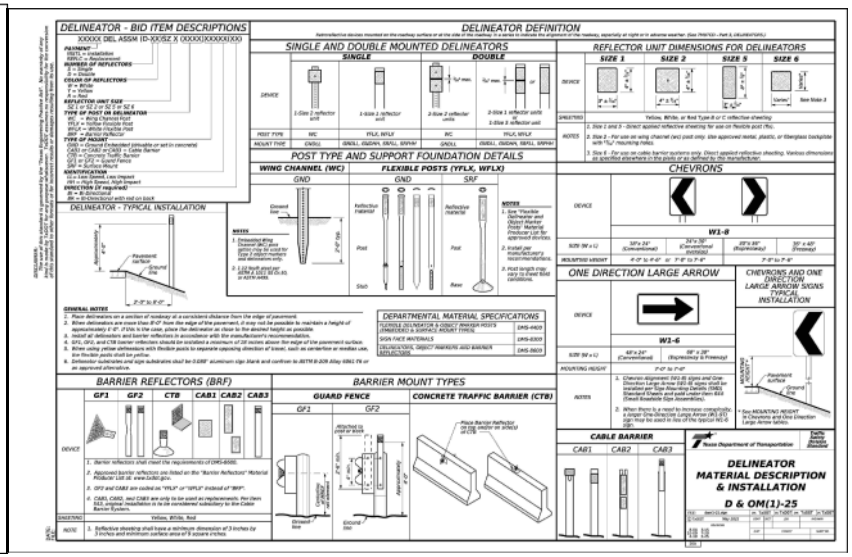
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ANNA JANE ROSCOE
142544
REGISTERED PROFESSIONAL ENGINEER
4/2/2026

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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

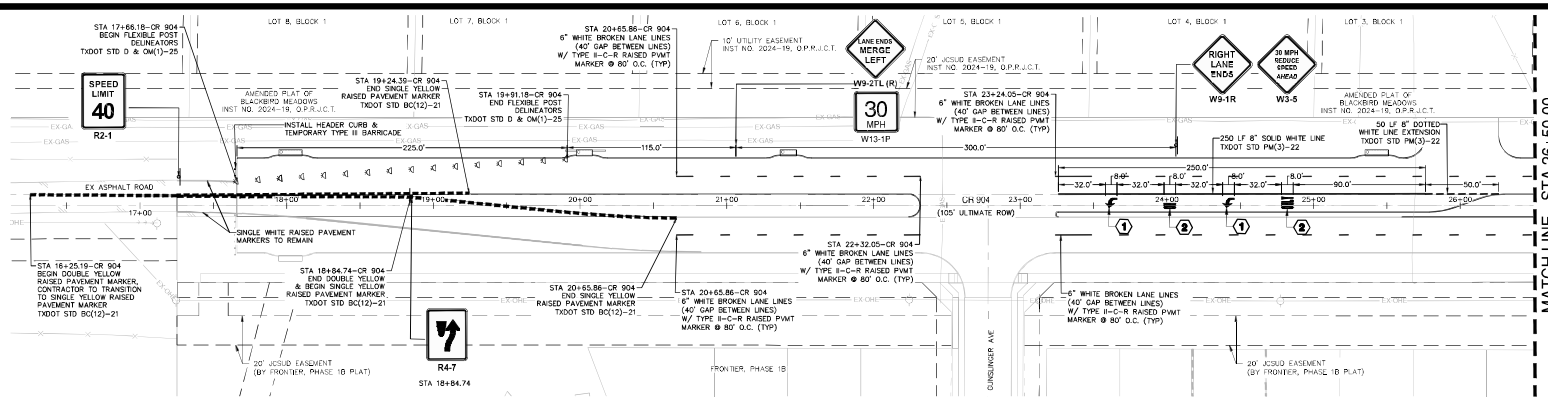
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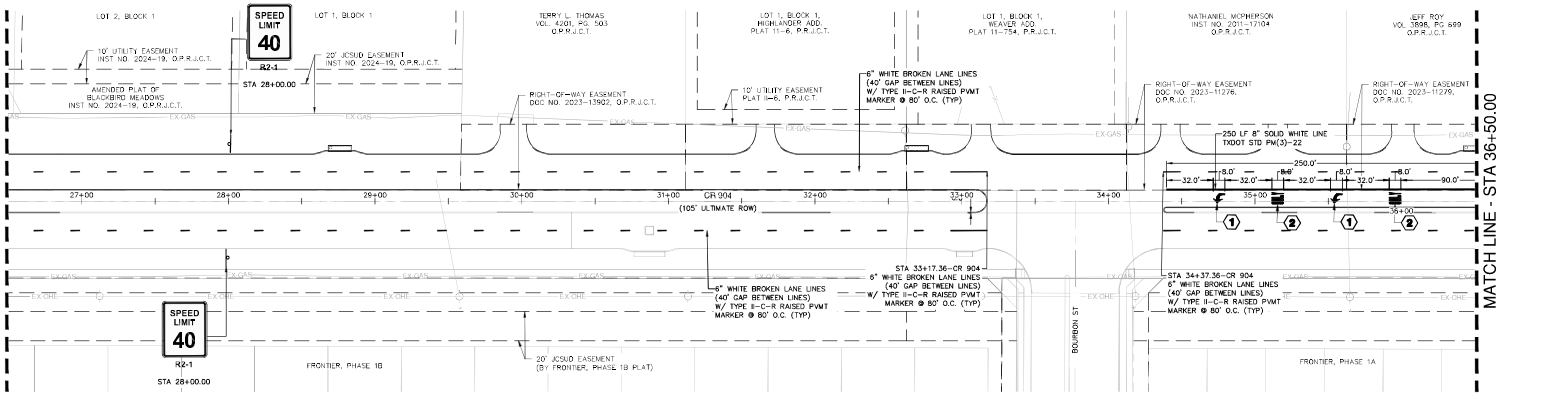
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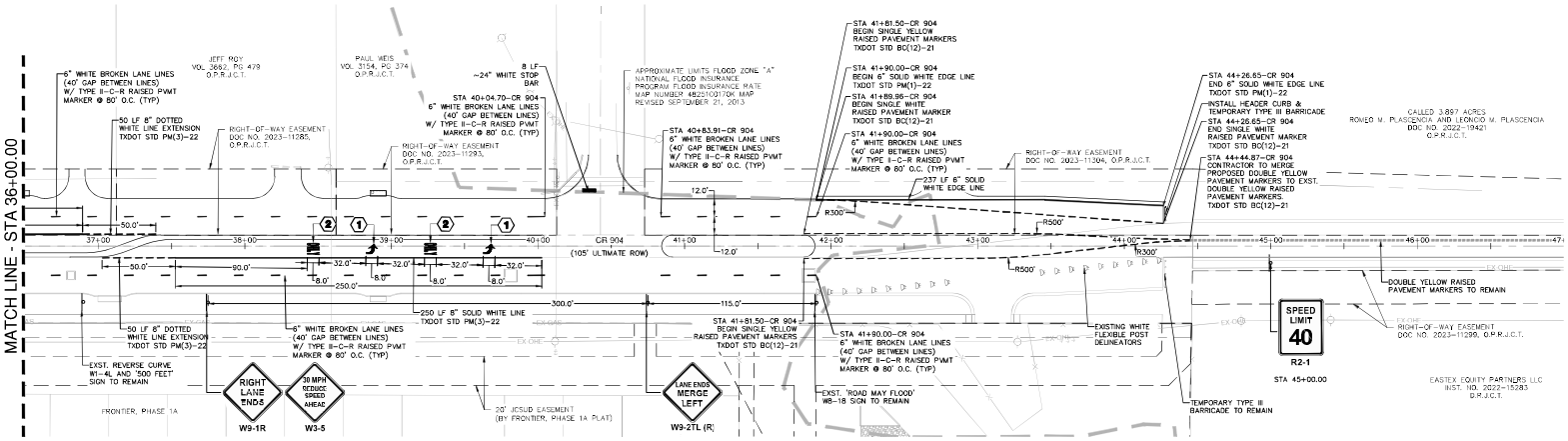
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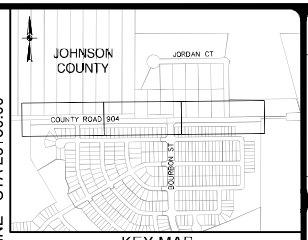
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KEY MAP
NOT–TO–SCALE

BENCHMARKS

CP #1	CP #2	CP #3	CP #4	CP #5
HUB ⅜" IR	HUB 60D NAIL	HUB ⅜" IR	HUB ⅜" IR	HUB ⅜" IR
N: 6935620.362	N: 6936195.455	N: 6943154.006	N: 6941080.582	N: 6942003.285
E: 2298097.190	E: 2298117.060	E: 2301451.505	E: 2301645.519	E: 2298098.802
ELEV: 576.1090	ELEV: 576.5780	ELEV: 566.8780	ELEV: 561.7680	ELEV: 894.1260

SCALE: 1" = 40'

0' 40' 80' 120'

LEGEND

① 'LEFT' WHITE TURN ARROW STANDARD PAVEMENT MARKING

② WORD "ONLY" STANDARD PAVEMENT MARKING

NOTES

1. ALL PAVEMENT MARKINGS & SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST TXMUTCD DESIGN STANDARDS AND SPECIFICATIONS.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL OR PER TOWN OF PROSPER STANDARDS.
3. THE CONTRACTOR SHALL SUBMIT A WORK SCHEDULE, AND A TRAFFIC CONTROL PLAN.
4. ROADS AND STREETS SHALL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL ARRANGE CONSTRUCTION SO AS TO CLOSE ON LANE OF A ROADWAY AT A TIME.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SIGNAGE NECESSARY DURING CONSTRUCTION.
6. COUNTY ROAD 904 TO REMAIN OPEN AT ALL TIMES DURING CONSTRUCTION.

NO.	REVISION	DATE

STATE OF TEXAS
ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

PAPE–DAWSON
6100 TOMKINS PKWY, STE 210 | PLANO, TX 75024 | 214.420.6644
TEXAS ENGINEERING FIRM #470 | TEXAS SURVEYING FIRM #10028800

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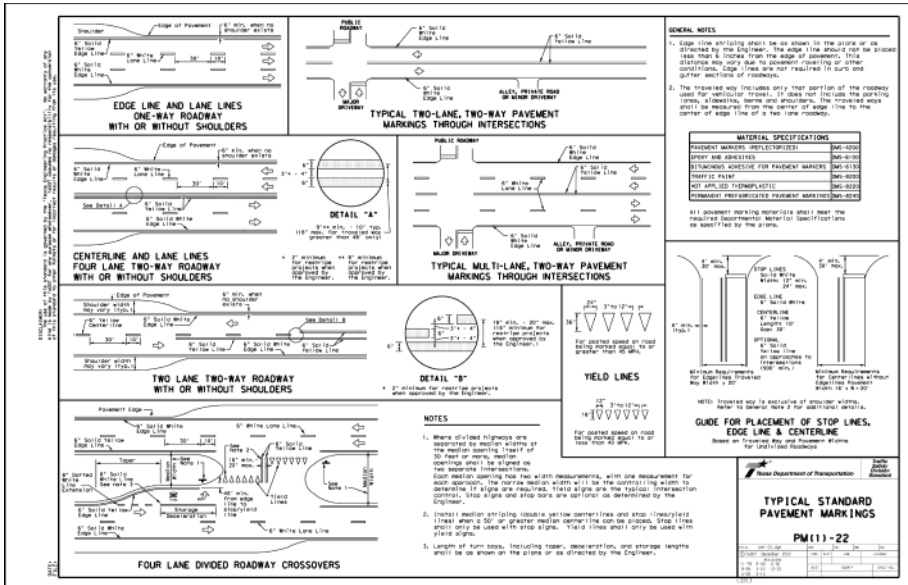
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS

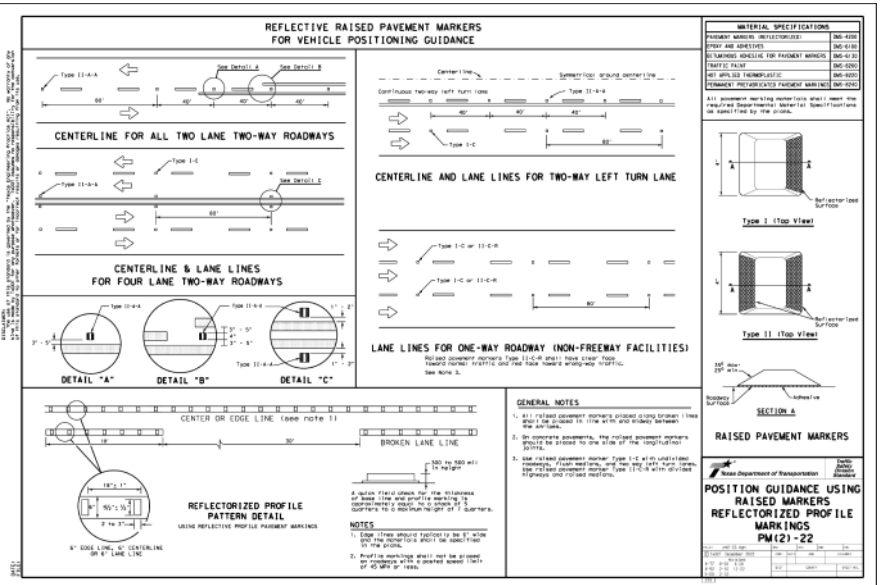
STRIPING, SIGNAGE & PAVEMENT MARKING LAYOUT

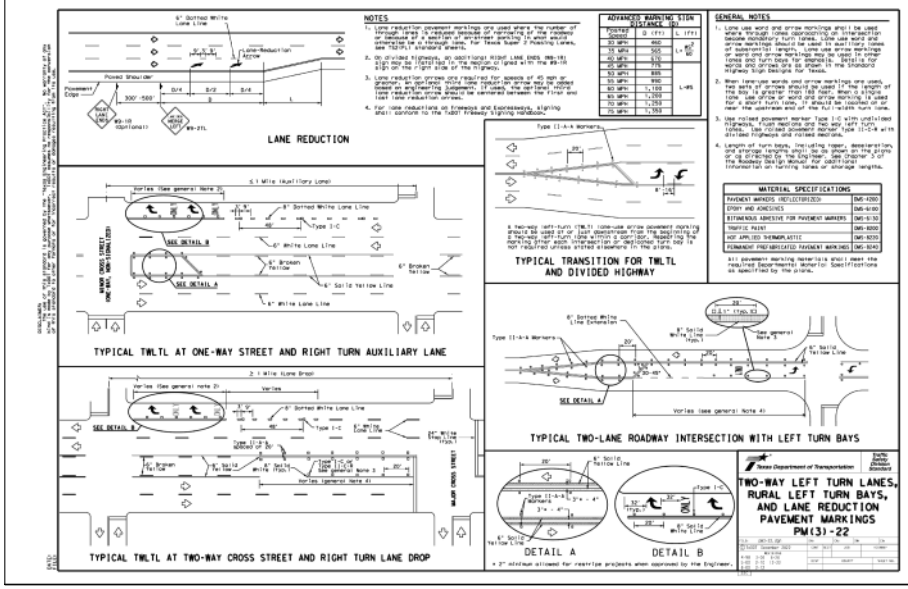
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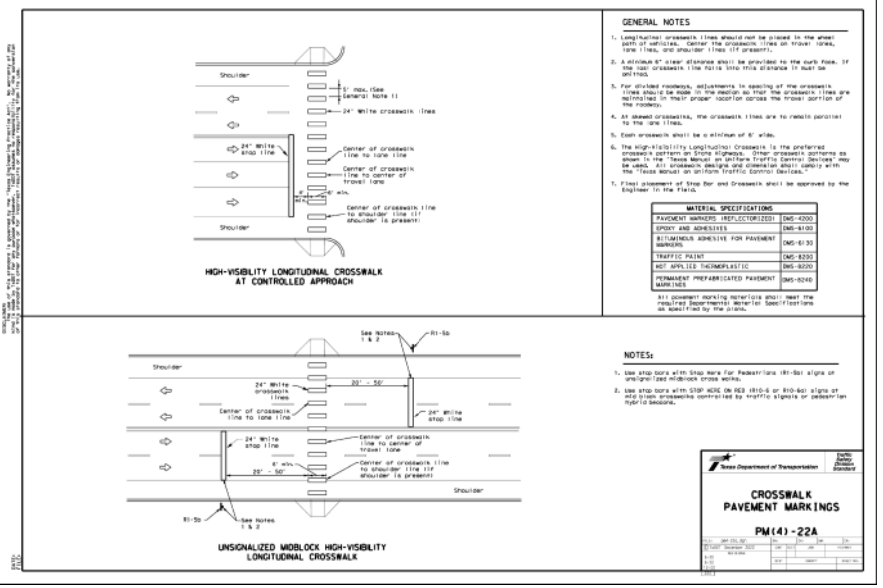
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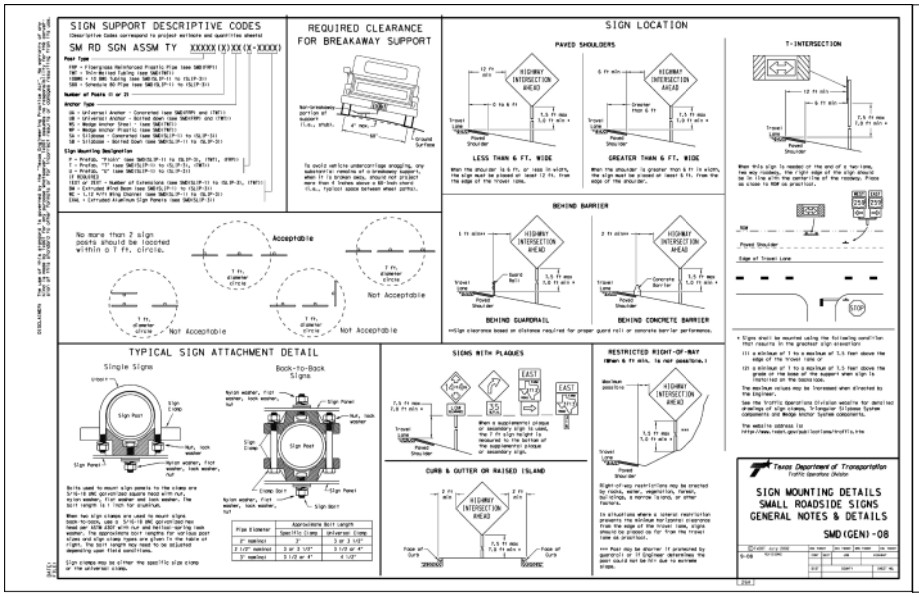
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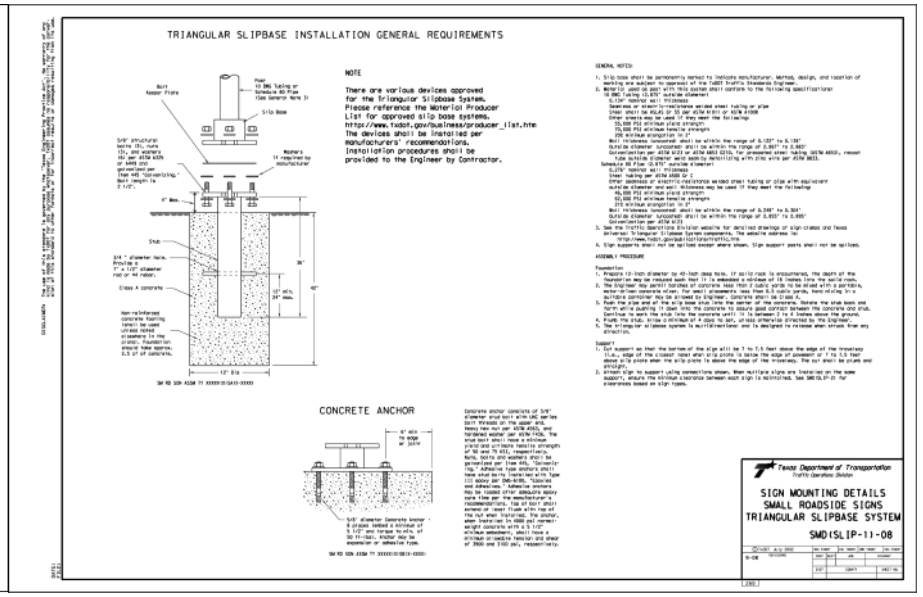
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CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STRIPING, & SIGNAGE DETAILS

NO.	REVISION	DATE

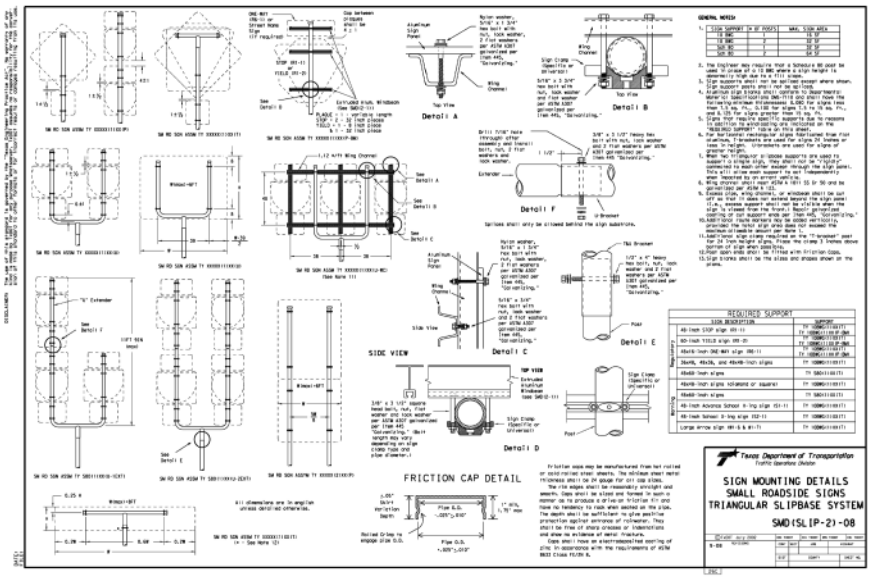
ANNA JANE ROSCOE
142544
REGISTERED PROFESSIONAL ENGINEER
4/2/2026

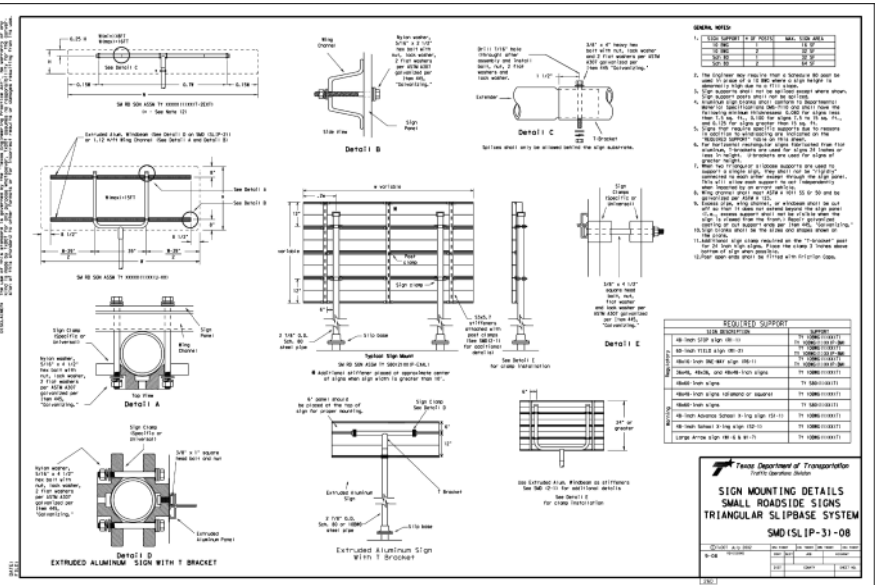
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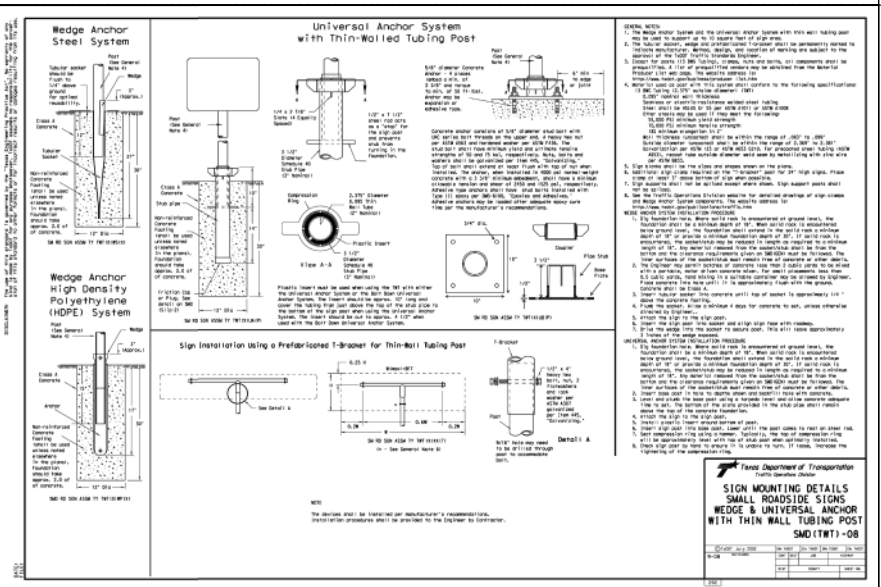
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SHEET 39

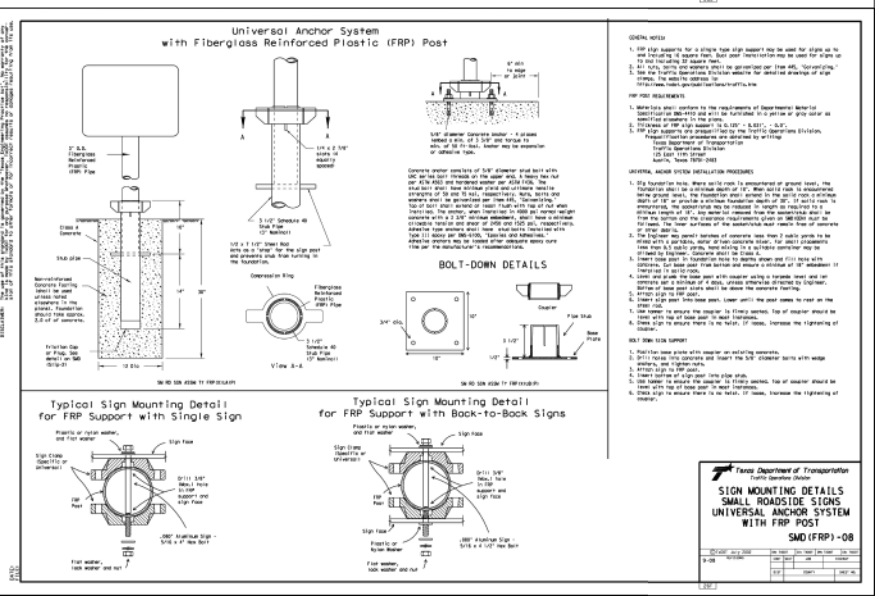
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Date: April 21, 2026, 11:49 AM - User: @ johnsonbr
File: W:\projects\70172\10\2.0 Design\2.4 Civil\2.4.3 Plan Sheets\STRIPING-70172-10.dwg
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CR 904 IMPROVEMENTS - WESTBOUND
CITY OF CLEBURNE, JOHNSON COUNTY, TEXAS
STRIPING & SIGNAGE DETAILS

NO.	REVISION	DATE

ANNA JANE ROSCOE
142544
LICENSED PROFESSIONAL ENGINEER
4/2/2026

PLAT NO. N/A
JOB NO. 70172-10
DATE APRIL 2026
DESIGNER KA
CHECKED AR DRAWN KA
SHEET 40

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