

CITY OF FOLEY

FERN AVE - HIGHWAY 59 TURN LANES

BALDWIN COUNTY, ALABAMA

RELEASED FOR CONSTRUCTION

DESIGN CRITERIA

ROAD: FERN AVE.

FROM - TO: N MCKENZIE ST - FERN AVE.

FUNCTIONAL CLASSIFICATION: URBAN COLLECTOR

DESIGN SPEED (MPH): 35

DESIGN GUIDELINE: A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS
AND STREETS, 7TH EDITION, AASHTO 2018

UTILITY OWNERS

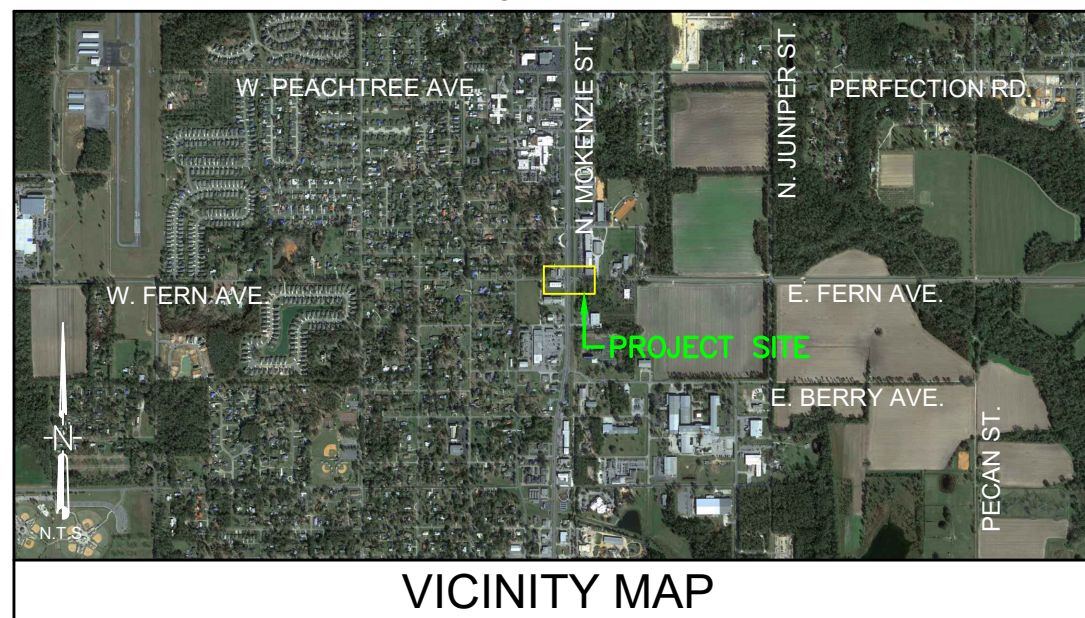
PHONE, INTERNET, PHONE, POWER,
WATER & GAS - RIVIERA UTILITIES - (251) 943-5001

PHONE & INTERNET - CENTURYLINK - (877) 510-3957

POWER - BALDWIN EMC - (251) 989-6247

PROJECT SCOPE:

TURN LANES



VICINITY MAP



HONORABLE RALPH G. HELLMICH, MAYOR

CITY COUNCIL MEMBERS

J. WAYNE TRAWICK - PRESIDENT, DISTRICT 1

TIM LOWER - DISTRICT 2

RODERICK "RODDY" BURKLE - DISTRICT 3

LARRY ENGLE - DISTRICT 4

CHARLES J. EBERT, III - DISTRICT 5

MARCH 2026

DESIGNED IN CONFORMANCE WITH AASHTO A
POLICY ON GEOMETRIC DESIGN OF HIGHWAYS
AND STREETS, 7TH EDITION, 2018

CITY OF FOLEY - POPULATION (2022 CENSUS) 23,577
BALDWIN COUNTY, ALABAMA - POPULATION (2022 CENSUS) 246,435



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

1201 MONTLIMAR DRIVE, SUITE 650, MOBILE, AL 36609 (251) 380-0311
ENGINEERING BUSINESS: EB-0000340

Pensacola - Panama City Beach - Tallahassee - Mobile

SUBMITTED BY: ENGINEER

DALLAS OSCAR K. WYATT AL. REG. NO. 33293 DATE

ADMINISTRATIVE APPROVAL:

TAYLOR DAVIS CITY OF FOLEY ENGINEERING DEPARTMENT DATE

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SHEET REF.	TITLE OF DRAWINGS
	COVER
G-001	INDEX OF DRAWINGS
G-002	GENERAL NOTES
G-003	SYMBOL LEGEND
G-004	ABBREVIATION LEGEND
C-101	EXISTING CONDITIONS
C-102	REMOVAL PLAN
C-103	PROJECT OVERVIEW
C-104	GEOMETRY PLAN
C-105	GRADING & DRAINAGE PLAN
C-106	STRIPING PLAN
C-301	TYPICAL ROADWAY SECTIONS
C-401	TRAFFIC CONTROL PLAN

ALDOT SPECIAL & STANDARD DRAWINGS 2025		
INDEX NO	DWG NO	DESCRIPTION
"THE FOLLOWING ARE STANDARD AND SPECIAL DRAWINGS CONTAINED IN THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIAL AND STANDARD DRAWING BOOK (U.S. CUSTOMARY UNITS OF MEASUREMENT) DATED 2026 WHICH APPLY TO THIS PROJECT."		
62107	I-621-B (Sheet 1 of 2)	SEWER INLET TYPE B(SURFACE DRAIN) FOR USE IN INTERSECTIONS AND OTHER LOCATIONS WHERE A SURFACE DRAIN IS REQUIRED ON THE TRAVEL WAY
62108	I-621-B (Sheet 2 of 2)	SEWER INLET TYPE B(SURFACE DRAIN) FOR USE IN INTERSECTIONS AND OTHER LOCATIONS WHERE A SURFACE DRAIN IS REQUIRED ON THE TRAVEL WAY
62186	MH-621-2 (Sheet 4 of 5)	DETAILS OF PRECAST CONCRETE MANHOLE (TYPE M) FOR 6" TO 72" PIPE
62187	MH-621-2 (Sheet 5 of 5)	DETAILS OF PRECAST CONCRETE MANHOLE (TYPE M) FOR 6" TO 72" PIPE
62301	623-N SPEC	DETAILS OF MEDIAN OPENING AND SAFETY GORES AT TRAFFIC CHANNEL ISLANDS
62307	623-XY	DETAIL OF CONCRETE CURBS AND CONCRETE CURB & GUTTER COMBINATION, SLOPING AND VERTICAL TYPES
62310	PC (ACG-71)	DETAILS OF CURB & GUTTER MACHINE MOLDS (THIS SHEET FOR USE IN SELECTING MACHINE MADE CONCRETE CURB OR CONCRETE CURB AND GUTTER COMBINATIONS)
70123	PS-701-3	DETAILS OF TRAFFIC STRIPING (FOUR LANES WITH FLUSH OR RAISED MEDIANS)
70301	TCM-703 (Sheet 1 of 2)	PAVEMENT LEGENDS AND MARKINGS
70302	TCM-703 (Sheet 2 of 2)	PAVEMENT LEGENDS AND MARKINGS
70308	CW-703	TYPICAL CROSSWALK LAYOUTS AND DETAILS
70501	PM-705-1	DETAILS OF PAVEMENT MARKERS CLASS A, A-H, AND B
70504	PM-705-2	DETAILS SHOWING APPLICATION OF PAVEMENT MARKERS
70507	PM-705-3 (Sheet 1 of 3)	DETAILS OF RAISED PAVEMENT MARKERS, MARKINGS, AND STRIPE AT RAMPS, RAMP GORES, AND MAINLINE
70508	PM-705-3 (Sheet 2 of 3)	DETAILS OF RAISED PAVEMENT MARKERS, MARKINGS, AND STRIPE AT RAMPS, RAMP GORES, AND MAINLINE
70509	PM-705-3 (Sheet 3 of 3)	DETAILS OF RAISED PAVEMENT MARKERS, MARKINGS, AND STRIPE AT RAMPS, RAMP GORES, AND MAINLINE



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
1201 MONTICLARE DRIVE, SUITE 650,
MOBILE, AL 36682 (251) 380-0311
ENGINEERING BUSINESS: EC-000690
PENNSACCA-PANAMA CITY DESIGN-PALM BEACH-MOBILE

SEAL

FERN AVE - HIGHWAY 59
TURN LANES
FOLEY, ALABAMA
RELEASED FOR
CONSTRUCTION

NO. DATE APPR. REVISION / ACTION TAKEN

NO. DATE APPR.

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RELEASED FOR
CONSTRUCTION
BY: DOW DATE: XXXXXX

PROJECT NO: 119605.01
DESIGNED BY: DOW
DRAWN BY: TMM
CHKD BY: RLW
PROJ. MGR: DOW
DATE: MARCH 2026


INDEX OF DRAWINGS

G-001

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Summary of Quantities

Item	Unit	Item Description	Quantity	As Built
206-D1	LF	Removing Pipe	35	
206-D2	LF	Removing Curb	15	
206-E	EACH	Removing Inlets	1	
210-A	CUYD	Unclassified Excavation	250	
210-D	CUYD	Borrow Excavation (A-2-4(0) Or A-4(0))	100	
230-A	RBST	Roadbed Processing	0.5	
260-A	CUYD	Cement Mortar Flowable Backfill, Mix 4	52.3	
301-A	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 8" Compacted Thickness	31	
401-A	SQYD	Bituminous Treatment A	31	
405-A	GAL	Tack Coat	100	
407-B	MILE	Joint Sealant For Hot Mix Asphalt	0.1	
408-A	SQYD	Planning Existing Pavement (Approximately 0" thru 1.0" thick)	2000	
424-A	TON	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D	112	
424-B	TON	Superpave Bituminous Concrete Layer Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D	5	
424-B1	TON	Superpave Bituminous Concrete Layer Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D	20	
600-A	LS	Mobilization	1	
621-C1	EACH	Inlet , Type B	3	
622-A	EACH	Manhole Cover Reset (Storm)	1	
623-B	LF	Concrete Curb Type A	15	
650-A	CUYD	Topsoil	100	
654-A	SQYD	Solid Sodding (Bermuda)	40	
665-E	SQYD	Polyethylene	50	
665-G	EACH	Sand Bags	50	
665-P	EACH	Inlet Protection, Stage 3 Or 4	1	
665-Q	LF	Wattle	100	
666-A	ACRE	Pest Control Treatment	1	
674-A	LF	Construction Safety Fence	200	
680-A	LS	Geometric Controls	1	
698-A	LS	Construction Fuel (Maximum Bid Limited to \$5000)	1	
701-A	LF	Solid White, Class 2, Type A Traffic Stripe (5" Wide)	1070	
701-A1	LF	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)	1570	
701-B	LF	Dotted, Class 2, Type A, Traffic Stripe (5" Wide)	210	
701-C	LF	Solid Temporary Traffic Stripe	1000	
703-A	SQFT	Traffic Control Markings, Class 2, Type A	540	
703-B	SQFT	Traffic Control Legends, Class 2, Type A	22.41	
703-D	SQFT	Temporary Traffic Control Markings	100	
705-A	EACH	Pavement Markers, Class C, Type 1-B	100	
705-A1	EACH	Pavement Markers, Class C, Type 2-C	6	
705-A2	EACH	Pavement Markers, Class A-H, Type 1-B	100	
705-A3	EACH	Pavement Markers, Class A-H, Type 2-C	6	
705-A4	EACH	Pavement Markers, Class A-H, Type 2-D	7	
705-A5	EACH	Pavement Markers, Class A-H, Type 2-E	50	
710-B1	SQFT	Construction Signs	200	
740-D	EACH	Channelizing Drums	100	
740-E	EACH	Cones (36 Inches High)	100	
740-F	EACH	Barricades, Type III	2	
740-I	EACH	Warning Lights, Type B	2	
740-M	EACH	Ballast for Cone	100	
741-C	EACH	Portable Sequential Arrow And Chevron Sign Unit	2	
742-A	EACH	Portable Changeable Message Sign, Type 2	1	



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PROJECT NO: 119605.01
DESIGNED BY: DOW
DRAWN BY: TMM
CHKD BY: RLW
PROJ. MGR: DOW
DATE: MARCH 2026

RELEASED FOR CONSTRUCTION
BY: DOW DATE: XXXXXX

SUMMARY OF QUANTITIES

G-002

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PROJECT NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2026 EDITION.
2. ALL WORK SHALL BE ACCOMPLISHED UNDER THE DIRECT SUPERVISION OF A CONTRACTOR PROPERLY LICENSED IN THE STATE OF ALABAMA.
3. THE CONTRACTOR SHALL OBTAIN THE PERMISSION AND APPROVAL FOR ALL PROPOSED SUB- CONTRACTORS AND SHALL BE RESPONSIBLE FOR ALL PHASES OF THE PROJECT INCLUDING THE SUBCONTRACTORS WORK.
4. THE OWNER/ENGINEER RESERVES THE RIGHT TO ALTER AND MODIFY PORTIONS OF THE PROJECT AS DEEMED NECESSARY DURING CONSTRUCTION TO ENHANCE OR IMPROVE THE OVERALL PROJECT.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND TESTING LAB A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING ANY MAJOR PHASE OF THE PROJECT.
6. ANY CONFLICT IN THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER/OWNER PRIOR TO COMMENCING WORK ON THE AREA IN CONFLICT.
7. HAY BALES, EROSION CONTROL FABRIC, SILT FENCING OR OTHER METHODS IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 665, SHALL BE PROVIDED BY THE CONTRACTOR WHEN REQUIRED TO CONTROL EROSION. THE COST FOR PROVIDING THESE ITEMS SHALL BE INCLUDED IN THE ESTABLISHED UNIT BID PRICE FOR SAID ITEMS.
8. UNDERGROUND UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH UTILITY COMPANIES AND MAKE ALL NECESSARY ARRANGEMENTS FOR RELOCATION'S OR REMOVALS.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FENCING OR OTHER SECURITY MEASURES REQUIRED TO PROTECT WORK OR EQUIPMENT DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE AND UNSUITABLE MATERIAL OFF THE PROJECT SITE AT A SITE (LOCATED ABOVE MEAN WATER ELEVATION) FURNISHED BY THE CONTRACTOR. THERE WILL BE NO ADDITIONAL COMPENSATION FOR EITHER USING THE WASTE MATERIAL AS DIRECTED OR FOR DISPOSING OF IT OFF THE PROJECT SITE. ALSO, NO ADDITIONAL COMPENSATION WILL BE MADE FOR DISPOSING OF ALL UNSUITABLE MATERIAL EXCAVATED FROM THE PROJECT SITE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF THE PROJECT AND THE EXPENSE THEREOF BASED UPON REFERENCE STATIONING AND BASELINES PROVIDED BY THE ENGINEER. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE HIS LEVEL NOTES TIED THROUGH ALL CONTROL TO THE ENGINEER FOR REVIEW. PRIOR TO SETTING LEVEL CONTROL FOR CONSTRUCTION THE CONTRACTOR SHALL RUN A LEVEL LOOP THROUGH ALL CONTROL POINTS AND BENCHMARKS SHOWN ON THE DRAWINGS AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES. IF THE CONTRACTOR FAILS TO PROVIDE THE ENGINEER WITH THE LEVEL NOTES, THE CONTRACTOR WAIVES ALL CLAIMS FOR EXTRA COMPENSATION FOR CORRECTIVE WORK AND ALL SUPPLIED DATA WILL BE CONSIDERED CORRECT.
12. THE CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTY CORNERS.
13. ALL FENCES SHALL REMAIN UNLESS OTHERWISE NOTED.
14. ALL EXISTING TRAFFIC SIGNS THAT ARE IN CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE RELOCATED IMMEDIATELY BEFORE THE OPERATION OCCURS AT THE TRAFFIC SIGN LOCATION. THE CONTRACTOR MAY BE PERMITTED TO RELOCATE ONLY THOSE TRAFFIC SIGNS IN CONFLICT WITH THAT CURRENT WORKDAY IF APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL RELOCATE THE SIGN IN ACCORDANCE WITH THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD).
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR THE CONSTRUCTION OF THIS PROJECT.
16. ALL PRECAST DRAINAGE STRUCTURES SHALL HAVE TWO SUITABLY SIZED HOLES FOR 6" UNDERDRAIN CAST IN PLACE ON THE UPSTREAM SIDE. PLUGGING THE HOLES, IF NOT USED, SHALL BE A SUBSIDIARY OBLIGATION OF THE DRAINAGE STRUCTURE.
17. THE REMOVAL OF SIGN FOUNDATIONS, ABANDONED UTILITIES, TREES, RETAINING WALLS, SIGNAL POLE FOUNDATIONS, AND OTHER MISCELLANEOUS ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING AND GRUBBING UNLESS A PAY ITEM IS PROVIDED.
18. ANY MINOR TRAFFIC DELAYS (2 HOURS OR LESS) SHALL BE COORDINATED WITH THE PROPERTY OWNER. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE LANE OF TRAFFIC OPEN AND PASSABLE AT ALL TIMES.
19. CONNECTING TO AN EXISTING DRAINAGE STRUCTURE SHALL BE A SUBSIDIARY OBLIGATION.
20. SEED MIX SHALL NOT CONTAIN PENSACOLA BAHIA GRASS.
21. CONTRACTOR SHALL TACK WELD ALL COVERS/GRATES WITHIN THE PROJECT LIMITS AFTER A SATISFACTORY INSPECTION BY THE ENGINEER AND PRIOR TO FINAL ACCEPTANCE. THERE SHALL BE A MINIMUM OF FOUR (4) WELDS PER COVER/GRATE SPACED EVENLY AROUND THE GRATE/COVER EDGE. THE COSTS ASSOCIATED WITH THE WORK FOR THIS ITEM SHALL BE A SUBSIDIARY OBLIGATION OF THE ITEM ASSOCIATED WITH THE COVER/GRATE.
22. THE CONTRACTOR SHALL CUT ALL EXPOSED WIRE ON PIPE ENDS AFTER MITERING FOR THE END TREATMENT. ALL PIPE ENDS SHALL BE GROUDED AS PART OF THE PIPE END TREATMENT. THE COST ASSOCIATED WITH THE WORK FOR THIS ITEM SHALL BE A SUBSIDIARY OBLIGATION
23. CONTRACTOR SHALL PROVIDE THE CITY ENGINEERING DEPARTMENT WITH THEIR ROAD CLOSURE PLAN, INCLUDING LENGTH OF CLOSURE, TRAFFIC CONTROL PLAN, AND ANY DETOURS, FOR APPROVAL PRIOR TO BEGINNING STORM DRAINAGE WORK. AFTER THE CLOSURE PLAN IS APPROVED THE CONTRACTOR SHALL PROVIDE MINIMUM TWO-WEEK NOTICE TO CITY OFFICIALS PRIOR TO ANY CLOSURES AD INSURE ALL CLOSURES ARE COORDINATED WITH THE LOCAL EMERGENCY AGENCIES.
24. ADA TRUNCATED DOMES ARE A SUBSIDIARY OBLIGATION TO PAY ITEM 424-A.



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BY: DOW DATE: XXXXXX

PROJECT NO: 119605.01
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CHKD BY: RLW
PROJ. MGR: DOW
DATE: MARCH 2026

GENERAL NOTES

G-003

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SITE SYMBOL LEGEND		
DESCRIPTION	EXISTING	NEW
BENCHMARK (SET CAPPED IRON ROD)	▲ OR ●	▲ OR ●
SOIL BORING	⊙	⊙
FOUND PK NAIL & DISC	△	
FOUND HEX BOLT	⬡	
FOUND IRON ROD	⊙	
FOUND IRON ROD AND CAP	◐	
FOUND OPEN TOP PIPE	○	
FOUND CRIMP TOP PIPE	⊖	
FOUND CONCRETE MONUMENT	■ OR ■	
ALDOT, COM OR GPS BENCHMARK	⊗	
PAVEMENT MARKING (FLOW ARROW)	↶ OR ↷ OR ↸	
SPOT ELEVATION	●-XXX.XX	●-XXX.XX
FLOW ARROW	→	→
REMOVAL		////
BUILDING	▭	▭
TRAFFIC SIGN	○ OR ○	○ OR ○
BOLLARD	● BL OR ● BLD	● OR ● BLD
RIGID PAVEMENT AND JOINTS	▭	▭
FLEXIBLE PAVEMENT (ASPHALT)	▭	▭
GRADED CRUSHED AGGREGATE SURFACE	▭	▭
RESURFACED FLEXIBLE PAVEMENT		▭
GRASS PAVER		▭
LANDSCAPED AREA	▭	
MAJOR CONTOURS	— 0.00 —	— 0.00 —
MINOR CONTOURS	- - - 0.00 - - -	- - - 0.00 - - -
CENTERLINE	— P —	
PROPERTY LINE	- - - P - - -	
RIGHT OF WAY (ROW)	- - - - -	
RIGHT OF WAY (ROW) EXTENSION	- - - - -	
SIDEWALK DETECTABLE WARNING STRIP		▭
MAILBOX	MB	
TREE LINE OR WOOD LINE	~ ~ ~	~ ~ ~
TREE - CREPE MYRTLE	☼ OR ☼	
TREE - PINE	☼	
TREE - OAK	☼	
TREE - CEDAR	☼	
TREE - MAGNOLIA	☼	
TREE - PALM	☼	
TREE - HOLLY	☼	
TREE - BAY LAUREL	☼	
TREE - CYPRESS	☼	
BUSH OR SHRUB	☼ OR ☼ OR ☼	
FENCE - CHAINLINK	— x —	— x —
FENCE - WOOD BOARD	— // —	— // —
ROOF DRAIN	DS □ OR ○ DS	DS ○ OR DS □

SITE SYMBOL LEGEND		
DESCRIPTION	EXISTING	NEW
ROOF DRAIN COLLECTION PIPE	— RDC —	— RDC —
ROOF DRAIN COLLECTION CLEANOUT	● CO	
ROOF DRAIN COLLECTION DRAIN BASIN		■
STORM DRAINAGE MANHOLE	⊙ OR ⊙	⊙ OR ⊙
STORM DRAINAGE PIPE	— SD —	— SD —
DRAINAGE SWALE	- - - - -	- - - - -
RIP-RAP	▭	▭
GRATE INLET OR DROP INLET	▭ OR ▭	▭ OR ▭
MEDIAN INLET	▭	
MITERED END SECTION (MES)	▭	▭
CURB INLET	▭ OR ▭	▭ OR ▭
BOTTOM OF STORMWATER POND		▭
MONITORING WELL	⊙	
NATURAL GAS LINE	— NG —	— G —
NATURAL GAS MANHOLE	⊙	
NATURAL GAS METER OR REGULATOR	⊙ OR ⊙	
NATURAL GAS VALVE	⊙	
NATURAL GAS MARKER POST	GAS ● OR ● GAS	
UNKNOWN UTILITY LINE	— UK —	
HOT WATER / COLD WATER LINE	— HW/CW —	
REUSE WATER LINE	— RU —	
REUSE WATER VALVE	⊙	
REUSE WATER MANHOLE	⊙	
IRRIGATION LINE	— IGL —	
IRRIGATION CONTROL VALVE	⊙ OR ⊙	
IRRIGATION SPRINKLER HEAD	☼	
SANITARY SEWER FORCE MAIN	— SSFM —	— SSFM —
SANITARY SEWER LINE	— SS —	— SS —
SANITARY SEWER MANHOLE	⊙ OR ⊙ OR ⊙	⊙ OR ⊙
SANITARY SEWER CLEANOUT	● CO	
SANITARY SEWER VENT PIPE	● VP	
FIRE FLOW LINE	— FF —	— FF —
POST INDICATOR VALVE	⊙ OR ⊙	
FIRE HYDRANT	⊙ OR ⊙	⊙ OR ⊙
WATER FLUSHING HYDRANT	⊙	
FREE STANDING FIRE DEPT. CONNECTION		⊙ FDC
WATER LINE	— W —	— W —
WATER METER	□ WM OR □ WM	□ WM
WATER BACK FLOW PREVENTOR	BFP ▭ OR ▭	
WATER VALVE AND VALVE BOX	⊙ OR ⊙ OR □ WVB	⊙
WATER FAUCET OR HOSE BIBB	⊙ WF OR ⊙ HB	
TELEPHONE PEDESTAL	TPD ⊙ OR ⊙ OR ⊙	
TELEPHONE BOX	⊙	
TELEPHONE LINE - OVERHEAD	— O/T —	
TELEPHONE LINE - UNDERGROUND	— BT —	

SITE SYMBOL LEGEND		
DESCRIPTION	EXISTING	NEW
TELEPHONE MANHOLE	⊙ OR ⊙	
TELEPHONE POLE	⊙ TP	
TELEPHONE JUNCTION BOX	⊙ TJB	
COMMUNICATION LINE - UNDERGROUND	— UC —	
COMMUNICATION LINE - OVERHEAD	— O/C —	
COMMUNICATION MANHOLE	⊙ OR ⊙ OR ⊙	
COMMUNICATION BOX	⊙ CB OR ⊙ C	
COMMUNICATION ANTENNA	▲ OR ● OR ▲	
FIBER OPTIC LINE - UNDERGROUND	— UF —	
FIBER OPTIC LINE - OVERHEAD	— O/F —	
FIBER OPTIC MARKER POST	FO ● OR ● FOC	
FIBER OPTIC VAULT OR BOX	FOV □ OR □ FOB	
CABLE TV PEDESTAL	⊙ CPD	
CABLE TV LINE - UNDERGROUND	— CATV —	
CABLE TV BOX	⊙ TV	
TRAFFIC SIGNAL MAST ARM	⊙ OR ⊙	
TRAFFIC SIGNAL BOX	⊙ TSB	
TRAFFIC SIGNAL VAULT	⊙ TSV	
PEDESTRIAN SIGNAL	⊙ PS OR ⊙ PS	
TRAFFIC SIGNAL LINE - UNDERGROUND	— BTS —	
AIR CONDITIONER PAD	⊙ AC OR ⊙ A/C	
RUNWAY OR TAXIWAY LIGHT	⊙	
ELECTRICAL METER	⊙ EM	
ELECTRICAL PULL BOX	⊙ EPB OR ⊙ EB	
ELECTRICAL ACCESS PANEL	⊙ EAP	
ELECTRICAL TRANSFORMER PAD	⊙ ETP	
ELECTRICAL PEDESTAL	⊙ EPD	
ELECTRICAL CONTROL PANEL	⊙ ECP	
ELECTRICAL ALARM PANEL OR BOX	⊙ AP OR ⊙ AB	
ELECTRICAL BOX OR SERVICE BOX	⊙ E OR ⊙ ESB	
ELECTRICAL TRANSFORMER	⊙ ET	
ELECTRICAL SERVICE PANEL	⊙ ESP	
ELECTRICAL GENERATOR	⊙ GENERATOR	
ELECTRICAL VAULT	⊙ EV OR ⊙ EV	
POWER POLE OR P.P. W/TRANSFORMER	⊙ OR ⊙	
LIGHT POLE	⊙ OR ⊙ OR ⊙	
POWER POLE	⊙ OR ⊙ PP	
STREET LIGHT	⊙ OR ⊙ SL	
ELECTRICAL MANHOLE	⊙ OR ⊙ OR ⊙	
ELECTRICAL LINE - OVERHEAD	— O/E —	
ELECTRICAL LINE - UNDERGROUND	— BE —	
ELECTRICAL OUTLET	⊙ EO OR ⊙ EO	
GUY WIRE	— GY — OR —	
GUY POLE	⊙	
CONDUIT	— CD —	— CD —

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SYMBOL LEGEND

1	2	3	4	5	6	7	8	9	10
A & AND ∠ ANGLE AT AT BL BASE LINE, BOUNDARY LINE CL CENTERLINE Δ DELTA φ, DIA, D DIAMETER FL FLOW LINE #, NO NUMBER ± PLUS OR MINUS PL PROPERTY LINE, PLATE AASHO AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS AASHTO AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS AB ANCHOR BOLT ABC ASPHALT BASE COURSE ABDN ABANDON ABS ACRYLONITRILE-BUTADIENE-STYRENE PIPE AC, A/C AIR CONDITIONING UNIT AC, Ac ACRE ACCEL ACCELERATION ACV AUTOMATIC CONTROL CHECK VALVE ACI AMERICAN CONCRETE INSTITUTE AD ACCESS DOOR ADA THE AMERICANS WITH DISABILITIES ACT ADD, ADDL ADDITIONAL ADJ ADJUSTABLE ADPT ADAPTER AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE AGG AGGREGATE AISI AMERICAN INSTITUTE OF STEEL CONSTRUCTION AISI AMERICAN IRON AND STEEL INSTITUTE AL ALABAMA ALD TO ALABAMA DEPARTMENT OF TRANSPORTATION ALK ALKALINITY ALUM ALUMINUM ALT ALTERNATE (ING) AM 12:00 MIDNIGHT UNTIL 11:59 NOON ANOD ANODIZE ANSI AMERICAN NATIONAL STANDARDS INSTITUTE AP ACCESS PANEL APPROX APPROXIMATE (LY) AR ACID RESISTANT ARCH ARCHITECT (URAL) (URE) ARND AROUND ARV AIR RELEASE VALVE ASP, ASPH ASPHALT ASSEMB ASSEMBLY ASSOC ASSOCIATION ASTM AMERICAN SOCIETY FOR TESTING MATERIALS ATTN ATTENTION AUTO AUTOMATIC AUX AUXILIARY AVE AVERAGE AWG AMERICAN WIRE GAUGE AWL AVERAGE WATER LEVEL AWS AMERICAN WELDING SOCIETY BC, B/C BURIED COMMUNICATION LINE OR DUCT BCCPM BITUMINOUS COATED CORRUGATED METAL PIPE CULVERT BCPA BITUMINOUS COATED PIPE ARCH CULVERT BCPCMP BITUMINOUS COATED AND PAVED CORRUGATED METAL PIPE CULVERT BCPPA BITUMINOUS COATED AND PAVED PIPE ARCH CULVERT BCV BALL CHECK VALVE BCWE BASE CLEARANCE WATER ELEVATION BE BURIED ELECTRIC CABLE OR DUCT BEG BEGIN BFF BACK FLOW PREVENTOR BFV BUTTERFLY VALVE BG BURIED NATURAL GAS LINE BIT BITUMINOUS BLC BASE LINE CONTROL BLDG BUILDING BLK, BLKG BLOCK (ING) BLVD BOULEVARD BM BENCHMARK, BACKER MATERIAL BMP BEST MANAGEMENT PRACTICES BNDRY BOUNDARY BOC BACK OF CURB BOF BOTTOM OF FOOTING BOW BOTTOM OF WALL BPRV BACK PRESSURE REGULATING VALVE BRG BEARING BTWN, B/W BETWEEN BT, B/T BURIED TELEPHONE CABLE OR DUCT BTV, B/TV BURIED TELEVISION CABLE BV BALL VALVE BVL BEVEL (ED) BW BOTH WAYS BY, BYP BYPASS C&G CURB AND GUTTER CAP CAPACITY, CORRUGATED ALUMINIZED PIPE CASP CORRUGATED ALUMINIZED STEEL PIPE CATV CABLE TELEVISION CB CATCH BASIN CBC CONCRETE BOX CULVERT CBR CALIFORNIA BEARING RATIO CBS CONCRETE BOX STRUCTURE CC, C/C CENTER TO CENTER CCEV CENTER TO CENTER EACH WAY CCTV CLOSED CIRCUIT TELEVISION CCW COUNTER CLOCKWISE	CD CROSS DRAIN, CROSS DIRECTION (GEOTEXTILES) CDT CONDUIT CF CUBIC FOOT CFM CUBIC FEET PER MINUTE CFS CUBIC FEET PER SECOND CH CHANNEL CHAMF CHAMFER CHKD CHECKED CHL CHLORINATOR CHR CHLOROPRENE RUBBER (NEOPRENE) CI CAST IRON, CURB INLET CIP CAST IRON PIPE, CAST IN PLACE CIR CIRCLE CIRC CIRCUMFERENCE CIJ CAST IRON PIPE UNLINED CU CONSTRUCTION JOINT CJP COMPLETE JOINT PENETRATION WELD CL2 CHLORINE SYSTEM CLR CLEARANCE CM CONCRETE MONUMENT, CENTIMETER CMP CORRUGATED METAL PIPE CMAP CORRUGATED METAL ARCH PIPE CMU CONCRETE MASONRY UNITS CNR CORNER CO CLEAN OUT, COUNTY, COMPANY COE CORPS OF ENGINEERS COL COLUMN COR CONTRACTING OFFICER'S REPRESENTATIVE COMB COMBINATION COMM COMMUNICATION COMP COMPRESSIBLE, COMPOSITE CONC CONCRETE CONN CONNECT, CONNECTION CONST CONSTRUCT, CONSTRUCTION CONT CONTINUOUS, CONTINUATION COORD COORDINATE COR CONTRACTING OFFICER'S REPRESENTATIVE CORR CORRUGATED CP CONCRETE PIPE CPE CORRUGATED POLYETHYLENE PIPE CPLG COUPLING CPT CONE PENETRATION TEST CR CONTROL RADIUS, COUNTY ROAD COURSE (S) CRS CURVE TO SPIRAL CS CORRUGATED STEEL PIPE CSTG CASTING CTG COATING CTJ CONTROL JOINT CTPB CEMENT CTR CENTER (ED) CTSK COUNTERSINK CU CUBIC CUP COPPER PIPE CU YD, CY CUBIC YARD CULV CULVERT CV CHECK VALVE, VALVE FLOW COEFFICIENT CW COLD WATER CWO CLEARWELL OVERFLOW D DRAIN (STRUCTURE), DEGREE OF CURVATURE, DEPTH, DISTANCE, DIAMETER DA DRAINAGE AREA, DEFLECTION ANGLE DBI DITCH BOTTOM INLET DBL DOUBLE DCS DEGREE OF CURVATURE (SPIRAL) DEG DEGREE DEMO DEMOLITION DEPT DEPARTMENT DET DETAIL, DETOUR, DETECTION, DETECTABLE DFE DESIGN FLOOD ELEVATION DGN DRAWING (MICROSTATION) DHW, DHWE DESIGN HIGH WATER ELEVATION DI DUCTILE IRON, DROP INLET DIAG DIAGONAL DIFF DIFFUSER DIM DIMENSION DIP DUCTILE IRON PIPE DISCH DISCHARGE DIST DISTANCE DIV DIVISION DEIONIZED WATER DN DOWN DNSTY DENSITY DOC DEGREE OF CURVATURE DOT DEPARTMENT OF TRANSPORTATION DPI DITCH POINT INTERSECTION DR DRAIN, DRIVE, DESIGN REVIEW DRWY, DWY DRIVEWAY DS DESIGN SPEED DT DEPTH, DITCH DIAPHRAGM VALVE DWG DRAWING (AUTOCAD) DWL DOWEL DWTR DEWATER (ED) "e" SUPERELEVATION RATE E EAST, EXTERNAL DISTANCE EA EACH ECC ECCENTRIC EF EACH FACE EFF EFFLUENT EL, ELEV ELEVATION ELEC ELECTRIC (AL) ELLIP ELLIPTICAL EMBED EMBEDMENT EMBK EMBANKMENT EMERG EMERGENCY ENGR ENGINEER ENT ENTERING EP, EOP EDGE OF PAVEMENT	EQ EQUAL (LY), EQUATION EQIV EQUIVALENT EQUIP EQUIPMENT ES EACH SIDE ESMST EASEMENT EST ESTIMATE (D), ESTABLISH (ED) ETC ET CETERA (AND SO FORTH) EVAP EVAPORATOR (ION) EW EACH WAY, ENDWALL EX EXCEPT, EXAMPLE EXC, EXCAV EXCAVATION EXIST EXISTING EXP EXPANSION EXT EXTERIOR, EXTENSION EXTND EXTENDED EXWY EXPRESSWAY EY EPOXY FA FINE AGGREGATE, FEDERAL AID FAB FABRICATE (ED) FAC FACILITY FBO FURNISHED BY OTHERS FC FLEX CONNECTION, FRICTION COURSE FD FRENCH DRAIN FDN FOUNDATION FDOT FLORIDA DEPARTMENT OF TRANSPORTATION FE FLOOR ELEVATION FED FEDERAL FES FLARED END SECTION FETS FLARED END TERMINAL SECTION FFF FFL FLOOR LINE FFE FINISHED FLOOR ELEVATION FH, FHY FIRE HYDRANT FHW FEDERAL HIGHWAY ADMINISTRATION FIG FIGURE FIN FINISH (ED) FL, FLA FLORIDA FLD FLOOR DRAIN FLEX FLEXIBLE FLG FLANGE (D) FLR FLOOR FM FORCE MAIN FOC FIBER OPTIC CABLE, FACE OF CURB FPM FEET PER MINUTE FPS FEET PER SECOND FPT FEMALE PIPE THREAD FREQ FREQUENCY FRP FIBERGLASS REINFORCED PLASTIC FT FEET, FOOT FTG FOOTING, FITTING FU FUSE FURN FURNISH (ED) FW FLUSHING WATER G NATURAL GAS, GRAM, GRAVITY GA GAUGE, GAGE GAL GALLON GALV GALVANIZED LOC LOCATION, LOCATED LONG LONGITUDE (INAL) LOS LIMIT OF CLEAR SIGHT LP LIGHT POINT, LOW PRESSURE, LIGHT POINT LR LONG RADIUS LS LUMP SUM, LENGTH OF SPIRAL LT LEFT, LIGHT, LEFT TURN LTD LIGHTED, LIMITED LUM LUMINAIRE LVG LEAVING LW, L/W LIGHTWEIGHT LWA LOW WATER ALARM LWL LOW WATER LEVEL M METER, MASS, MIDDLE ORDINATE LENGTH, MEGA, MILLI M ² METER SQUARE M/S METERS PER SECOND M ³ METER CUBED, CUBIC METER M ² /M ² METER CUBED PER METER MAINT MAINTENANCE MASONRY MASONRY MATL MATERIAL MAX MAXIMUM MCJ MASONRY CONTROL JOINT MECH MECHANICAL MEGA ONE MILLION MES MITERED END SECTION MFD MANUFACTURED MFG MANUFACTURING MG 1000 GALLONS MG/L MILLIGRAMS PER LITER MGD MILLION GALLONS PER DAY MH MANHOLE, MOUNTING HEIGHT MHW MEAN HIGH WATER MHU MUNITIONS HAULING UNIT MI MILE MID MIDDLE MIL MILITARY MILLI ONE THOUSANDTH OF AN METER MIN MINIMUM, MINUTE MISC MISCELLANEOUS ML MILLILITER MLW MEAN LOW WATER MM MILLIMETER MOBIL MOBILIZATION MOD MODIFY, MODIFIED MON MONUMENT MPa MEGAPASCAL MPH MILES PER HOUR MRPP METAL REINFORCED PLASTIC PIPE MSL MEAN SEA LEVEL MTD MOUNTED MOUNTING MOUNTING MTL METAL MUTCD MANUAL ON TRAFFIC CONTROL DEVICES MW MONITORING WELL N NORTH, NEUTRAL, NEWTON N&C NAIL AND CAP	INC INCORPORATED, INCLUDING IND INDUSTRY, INDUSTRIAL INF INFLEUNT INS INSIDE INSTR INSTRUMENT INSUL INSULATION INT INTERIOR INTER INTERMEDIATE INV INVERT IP IRON PIPE IR IRON ROD IRP IRON ROD AND CAP IRR IRRIGATION ISECT INTERSECTION ISL ISLAND ISOL ISOLATION INSTITUTE OF TRANSPORTATION ENGINEERS JB JUNCTION BOX JCT JUNCTION JT JOINT K KILO, KELVIN, DESIGN HOUR FACTOR KG KILOGRAM KG/m KILOGRAM PER METER KG/m ² KILOGRAM PER SQUARE METER KG/m ³ KILOGRAM PER CUBIC METER KILLO ONE THOUSAND KIP 1000 POUNDS KM KILOMETER KM/H KILOMETER PER HOUR KO KNOCKOUT KPa KILOPASCAL KSI KIPS (1000 POUNDS) PER SQUARE INCH L LENGTH, LENGTH OF CURVE LITER, LEFT TAPER LENGTH, BUFFER LENGTH, TAPER LENGTH PLUS BUFFER SPACE LAB LABORATORY LAM LAMINATED LAT LATERAL, LATITUDE LAV LAVATORY LB POUND LB/SY POUNDS PER SQUARE YARD LBS POUNDS LBR LIME ROCK BEARING RATIO LC LONG CHORD LCD LONGITUDINAL CHANNELIZING DEVICE LF LINEAR FOOT (FEET) LFD LOAD FACTOR DESIGN LG LONG LGB LAG BOLT LGTH LENGTH LIN LINEAR LL LIVE LOAD LMRK LIME ROCK LNDG LANDING LOC LOCATION, LOCATED LONG LONGITUDE (INAL) LOS LIMIT OF CLEAR SIGHT LP LIGHT POINT, LOW PRESSURE, LIGHT POINT LR LONG RADIUS LS LUMP SUM, LENGTH OF SPIRAL LT LEFT, LIGHT, LEFT TURN LTD LIGHTED, LIMITED LUM LUMINAIRE LVG LEAVING LW, L/W LIGHTWEIGHT LWA LOW WATER ALARM LWL LOW WATER LEVEL M METER, MASS, MIDDLE ORDINATE LENGTH, MEGA, MILLI M ² METER SQUARE M/S METERS PER SECOND M ³ METER CUBED, CUBIC METER M ² /M ² METER CUBED PER METER MAINT MAINTENANCE MASONRY MASONRY MATL MATERIAL POT POINT OF TANGENT PP POWER POLE PPM PARTS PER MILLION PPP POLYPROPYLENE PIPE PRC POINT OF REVERSE CURVATURE PRCAST PRECAST PREFAB PRE-FABRICATED PRES PRESSURE PREST PRESTRESSED PRIM PRIMARY PRM PERMANENT REFERENCE MONUMENT PROB PROBABILITY PROD PRODUCT, PRODUCTION, PRODUCED PROG PROGRAM, PROGRESSION PROJ PROJECT, PROJECTION PROP PROPOSED PROVS PROVISIONS PRV PRESSURE RELIEF VALVE PS PUMP STATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PSU PRESTRESSED SLAB UNIT PT POINT OF TANGENCY, PRESSURE TREATED PV PLUG VALVE PVC POLYVINYL CHLORIDE PVT PAVEMENT PVRV PRESSURE VACUUM RELIEF VALVE PW POTABLE WATER, PRESSURIZED WATER PWH PROTECTED HOT WATER PWL PEAK WATER LEVEL PWM POTABLE WATER METER Q PEAK DISCHARGE, FLOW VOLUME QPL QUALIFIED PRODUCTS LIST QTY QUANTITY, QUALITY R, RAD RADIUS, RADIAN	N&D NAIL AND DISK N&T, NT NAIL AND TIN, NON TRAFFIC NA, N/A NOT AVAILABLE, NOT APPLICABLE NAVD NATIONAL AMERICAN VERTICAL DATUM NB NORTHBOUND NC NORMAL CROWN, NATIONAL COARSE NE NORTHEAST NG, NGL NATURAL GAS LINE NGS NATIONAL GEODETIC SURVEY NGVD NATIONAL GEODETIC VERTICAL DATUM OF 1929 NHS NATIONAL HIGHWAY SYSTEM NHW NORMAL HIGH WATER NIC NOT IN CONTRACT NOAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NOM NOMINAL NORM NORMAL NOS NATIONAL OCEANOGRAPHIC SURVEY NP NON PLASTIC NPS NOMINAL PIPE SIZE NPT NATIONAL PIPE THREAD NFW (NON-POTABLE) RAW WATER NRCP NON REINFORCED CONCRETE PIPE NTS NOT TO SCALE NW OVERALL OA ONE THOUSAND OC ON CENTER OD OUTSIDE DIAMETER OE, O/E OVERHEAD ELECTRIC OF OUTSIDE FACE, OVERFLOW OH, OHD OVERHEAD OO OUT TO OUT OPASS OVERPASS OPNG OPENING OPP OPPOSITE OPT OPTION (AL) (ALLY) OSHA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OT, O/T OVERHEAD TELEPHONE OTV, O/TV OVERHEAD CABLE TELEVISION OVF OVERFLOW OZ OUNCE PAR PARALLEL PAVT PAVEMENT PBAV PLASTIC BALL VALVE PC POINT OF CURVATURE PCBC PRECAST CONCRETE BOX CULVERT PCC POINT OF COMPOUND CURVATURE, PLAIN CEMENT CONCRETE PCCP PRESTRESSED CONCRETE CYLINDER PIPE PCE PERMANENT CONSTRUCTION EASEMENT PCF POUNDS PER CUBIC FOOT PCV PRESSURE CONTROL VALVE PE PROFESSIONAL ENGINEER, PLAIN END PED PEDESTRIAN, PEDESTAL PEN PENETRATION PERF PERFORATED PG PROFILE GRADE PGL PROFILE GRADE LINE PH PHASE PI POINT OF INTERSECTION PINF PRIMARY INFLEUNT PIV POINT INDICATOR VALVE PJF PREMOLDED JOINT FILLER PKG PACKAGE, PARKING PKWY PARKWAY PLS PLASTIC LINED STEEL, PROFESSIONAL LAND SURVEYOR PLYWD PLYWOOD PM 12:00 NOON UNTIL 11:59 MIDNIGHT, PROJECT MANAGER PNL PANEL POC POINT ON CURVE POJ PUSH ON JOINT POL POLYMER POST POINT ON SEMI TANGENT POT POINT OF TANGENT PP POWER POLE PPM PARTS PER MILLION PPP POLYPROPYLENE PIPE PRC POINT OF REVERSE CURVATURE PRCAST PRECAST PREFAB PRE-FABRICATED PRES PRESSURE PREST PRESTRESSED PRIM PRIMARY PRM PERMANENT REFERENCE MONUMENT PROB PROBABILITY PROD PRODUCT, PRODUCTION, PRODUCED PROG PROGRAM, PROGRESSION PROJ PROJECT, PROJECTION PROP PROPOSED PROVS PROVISIONS PRV PRESSURE RELIEF VALVE PS PUMP STATION PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PSU PRESTRESSED SLAB UNIT PT POINT OF TANGENCY, PRESSURE TREATED PV PLUG VALVE PVC POLYVINYL CHLORIDE PVT PAVEMENT PVRV PRESSURE VACUUM RELIEF VALVE PW POTABLE WATER, PRESSURIZED WATER PWH PROTECTED HOT WATER PWL PEAK WATER LEVEL PWM POTABLE WATER METER Q PEAK DISCHARGE, FLOW VOLUME QPL QUALIFIED PRODUCTS LIST QTY QUANTITY, QUALITY R, RAD RADIUS, RADIAN	R, RT RIGHT RC REINFORCED CONCRETE, REVERSE CROWN RCCP REINFORCED CONCRETE CYLINDER PIPE RCP REINFORCED CONCRETE PIPE RCPA, RCAP REINFORCED CONCRETE ARCH PIPE RCWM RECLAIMED WATER MAIN RD ROOF DRAIN, ROUND, ROAD RDC ROOF DRAIN COLLECTION PIPE RDSO ROADSIDE RDWY ROADWAY RED REDUCER REF REFERENCE, REFER REFL REFLECTIVE REG REGISTERED, REGULATOR, REGION, REGULAR REINF REINFORCING, REINFORCED RELOC RELOCATED REM REMOVE, REMOVAL REPL REPLACE REQ, REQ'D REQUIRED RES RESIDUAL, RESIDENCE, RESIDENTIAL REV REVISE, REVISED, REVISION RGS RIGID GALVANIZED STEEL RHW INSULATION (MOISTURE & HEAT RESISTANT RUBBER) RJ RESTRAINED JOINT RL RAIN LEADER RM ROOM, REFERENCE MONUMENT RND ROUND RNG RANGE R/S REVOLUTION PER SECOND RO ROUGH OPENING ROW, R/W RIGHT OF WAY RP REFERENCE POINT RPPBP REDUCED PRESSURE BACKFLOW PREVENTOR RPM REVOLUTIONS PER MINUTE, RAISED REFLECTIVE PAVEMENT MARKERS RR RAILROAD RS RAW SEWAGE RSF RESURFACE RU REUSE, RACK UNIT RW RAW WATER SAN SANITARY SEWER SB SOUTHBOUND, STRUCTURE BOTTOM SC SEAL COAT, SPIRAL TO CURVE SCH SCHEDULE SCV SILENT CHECK VALVE SD STORM DRAIN, SIDE DRAIN SE SOUTHEAST SEC SECOND, SECONDARY SECT SECTION SED SEDIMENT SEP SEPARATOR SEQ SEQUENTIAL SERV SERVICE SF SQUARE FOOT, SILT FENCE SG SLUICE GATE, SPECIFIC GRAVITY SHT SHEET SHLDR SHOULDER SHW SEASONAL HIGH WATER SIP STAY IN PLACE SJ SOLDERED JOINT SL SLUDGE SLG SLIDE GATE SLEV SLEVE SLV SLIP ON JOINT SP SUPERPAVE, STATIC PRESSURE SPC SPACE (S) (ED) (ING) SPEC SPECIFICATION, SPECIFIED SPR SPRING SPRINKLER LINE SPT STANDARD PENETRATION TEST SRY SPRAY WATER SQ SQUARE SQ FT SQUARE FOOT SQ IN SQUARE INCH SQ YD, SY SQUARE YARD SR STATE ROAD SRAP SPIRAL RIB ALUMINUM PIPE SRASP SPIRAL RIB ALUMINIZED STEEL PIPE SRCP STEEL REINFORCED CONCRETE PIPE SRSP SPIRAL RIB STEEL PIPE SS STAINLESS STEEL, SANITARY SEWER SSL SANITARY SEWER LATERAL SSSL SANITARY SEWER LIFT STATION SSMH SANITARY SEWER MANHOLE SSP STAINLESS STEEL PIPE ST SPIRAL TO TANGENT, STREET STA STATION STAB STABILITY, STABILIZATION STD STANDARD STG STRONG STGE STORAGE STIFF STIFFENER STRIRUP (S) STR, STRUC STRUCTURE (S) (URAL) SU SINGLE UNIT TRUCKS SUB SUBTRACT, SUBSTITUTE, SUBSOIL SUPPTS SUPPORTS SUR SURVEY SUSP SUSPENDED SW SOUTHWEST, SWITCH, SIDEWALK SWBD SWITCHBOARD SWD SIDE WATER DEPTH SWK SIDEWALK SWPPP STORMWATER POLLUTION PREVENTION PLAN SYM SYMMETRICAL SYS, SYST SYSTEM T TANGENT, LENGTH OF CURVE, TOWNSHIP, METRIC TON T&B TOP AND BOTTOM	T&G TONGUE AND GROOVE TAN TANGENT TBM TEMPORARY BENCHMARK TC TANGENT TO CURVE TCE TEMPORARY CONSTRUCTION EASEMENT TCP TERRA COTTA PIPE TFC TRAFFIC CONTROL PLAN(S) TD TRENCH DRAIN TECH TECHNICAL TEL TELEPHONE TEMP TEMPERATURE, TEMPORARY THD THREADED THK THICK (NESS) THRMPLSTC THERMOPLASTIC THW, THWN INSULATION (FLAME RETARDANT, MOISTURE AND HEAT RESISTANT THERMOPLASTIC) TKD TANK DRAIN TN TON TOB TOP OF BANK/BERM TOC TOP OF CURB/CONCRETE TOS TOE OF SLOPE TOW TOP OF WALL TP TURNING POINT TR TRIANGULATION POINT TRAF TRAFFIC TRAN TRANSFER TRANS TRANSVERSE, TRANSITION, TRANSLATE, TRANSFORMER TREAT TREATMENT TSC TANGENT TO SPIRAL, STRUCTURAL TUBING (STEEL UNLESS NOTED) TS LENGTH OF TANGENT (SPIRAL CURVE) TTC TEMPORARY TRAFFIC CONTROL TURB TURBIDITY TV TELEVISION TWP TOWNSHIP TYP TYPICAL UC UNDERGROUND COMMUNICATIONS LINE UD UNDERDRAIN UE UNDERGROUND ELECTRICAL LINE UG UNDERGROUND, UNDERGROUND NATURAL GAS UGTC UNDERGROUND TELEPHONE CABLE ULT ULTIMATE ULTD UNLIMITED UNO UNLESS NOTED OTHERWISE UNTR UNTREATED UON UNLESS OTHERWISE NOTED USACE US ARMY CORPS OF ENGINEERS USAC US COAST AND GEODETIC SURVEY (NOW NATIONAL GEODETIC SURVEY) USGS US GEOLOGICAL SURVEY USPS UNITED STATES POSTAL SERVICE UTIL UTILITIES UV ULTRAVIOLET V VOLUME, VOLTS, VELOCITY VAC VACUUM VAR VARIOUS, VARIABLE VB VALVE BOX VC VERTICAL CURVE VCP VETRIFIED CLAY PIPE VEH VEHICLE VEL VELOCITY VERT VERTICAL VF VERTICAL FOOT VIB VIBRATION VOL VOLUME VP VERTICAL PANEL, VENT PIPE VPD VEHICLES PER DAY VPH VEHICLES PER HOUR VPHPL VEHICLES PER HOUR PER LANE VS VARIABLE SPEED VT VENT VTR VENT THRU ROOF VVE VERIFIED VERTICAL ELEVATION VV VERIFIED VERTICAL ELEVATION AND HORIZONTAL LOCATION VW VARIABLE WIDTH W WATER LINE, WIDTH, WEST W WITH W/C WATER CEMENT RATIO W/O WITHOUT WAP WALL PIPE WBP WESTBOUND WBW WASTE BACKWASH WATER WC WATER CLOSET WF WIDE FLANGE (STEEL), WATER FAUCET WH WATER HEATER WJ WELDED JOINT WL WATER LEVEL WM WATER MAIN, WATER METER WMP WELDED PIPE, WORKING POINT WPF WEATHERPROOF WR WASHWATER RECOVERY WS WATER STOP, WATER SURFACE WSD WASHWATER DRAIN WSH WASHWATER WSV WALL SLEEVE WT WEIGHT, WATER TABLE, STEEL TEE-SHAPE DESIGNATION WTP WATER TREATMENT PLANT WW WASTE WATER WWF WELDED WIRE FABRIC WWR WELDED WIRE REINFORCING WWTP WASTEWATER TREATMENT PLANT X COORDINATE VALUE (EAST-WEST DIRECTION) X RD CROSS ROAD XING CROSSING XSEC CROSS SECTION Y COORDINATE VALUE (NORTH-SOUTH DIRECTION) YD YARD YR YEAR			



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

1201 MONTICLOM DRIVE, SUITE 650,
MOBILE, AL 36688 (251) 380-0311
ENGINEERING BUSINESS: 850-606-6500
PERSONAL/FAX/SALES: 251-717-1434-3536-3636

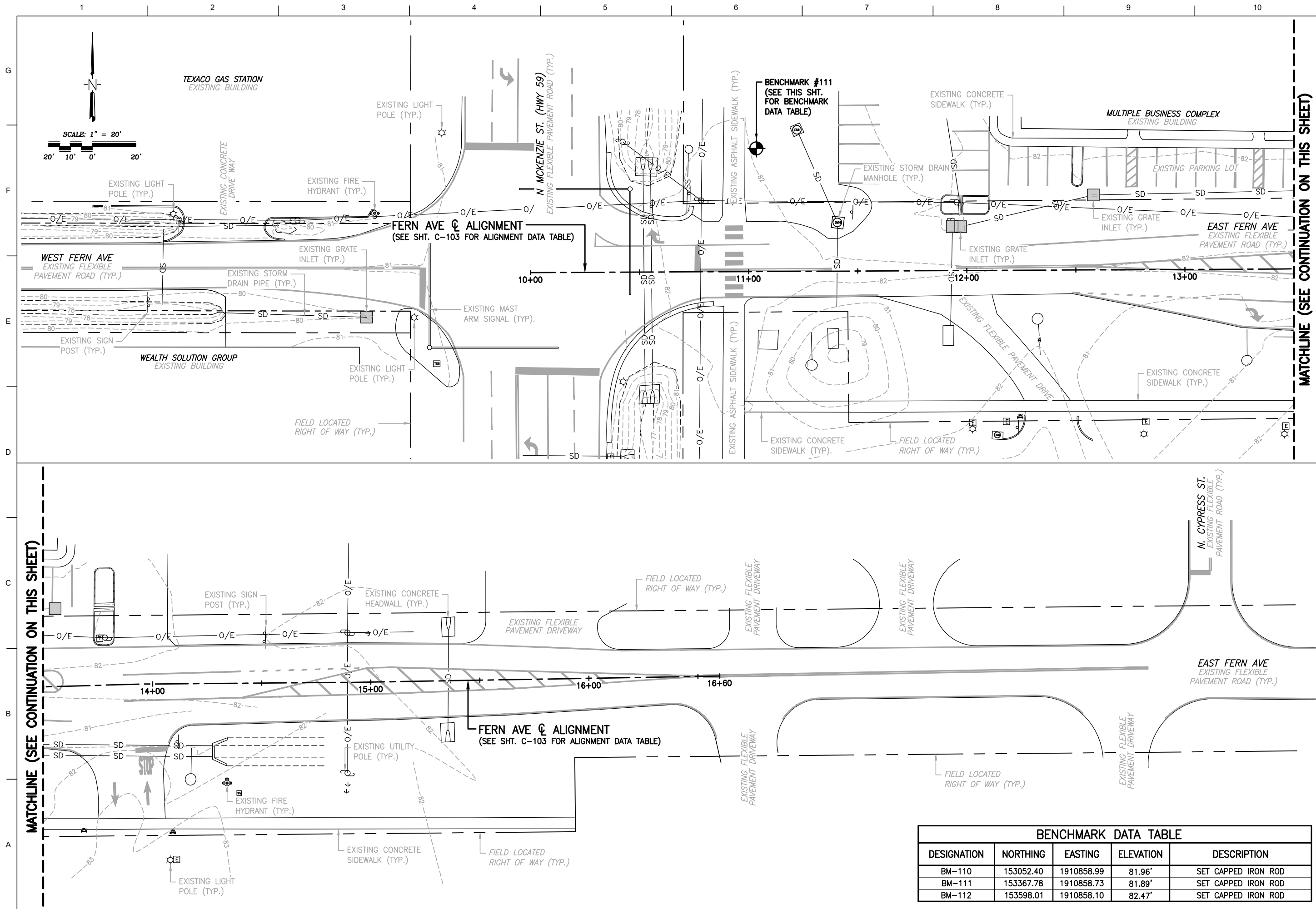
FERN AVE - HIGHWAY 59
TURN LANES
FOLEY, ALABAMA
RELEASED FOR
CONSTRUCTION

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 119605.01
DESIGNED BY: DOW
DRAWN BY: TMM
CHKD BY: RLW
PROJ MGR: DOW
DATE: MARCH 2026

ABBREVIATION LEGEND

G-005



BENCHMARK DATA TABLE				
DESIGNATION	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM-110	153052.40	1910858.99	81.96'	SET CAPPED IRON ROD
BM-111	153367.78	1910858.73	81.89'	SET CAPPED IRON ROD
BM-112	153598.01	1910858.10	82.47'	SET CAPPED IRON ROD

MATCHLINE (SEE CONTINUATION ON THIS SHEET)

MATCHLINE (SEE CONTINUATION ON THIS SHEET)

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTGOMERY DRIVE, SUITE 650,
 MOBILE, AL 36682 (251) 884-0311
 ENGINEERING BUSINESS: EC-000690
 PROFESSIONAL ENGINEER: 15817-PALMHOUSE-MOBILE

FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
 RELEASED FOR
 CONSTRUCTION

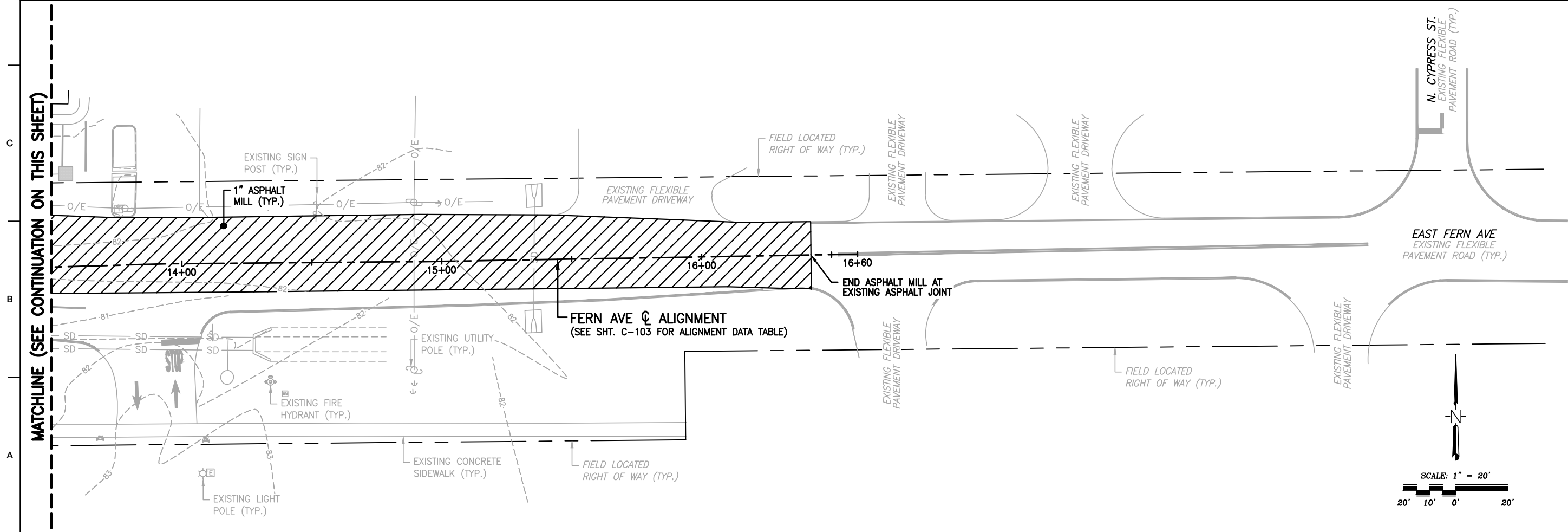
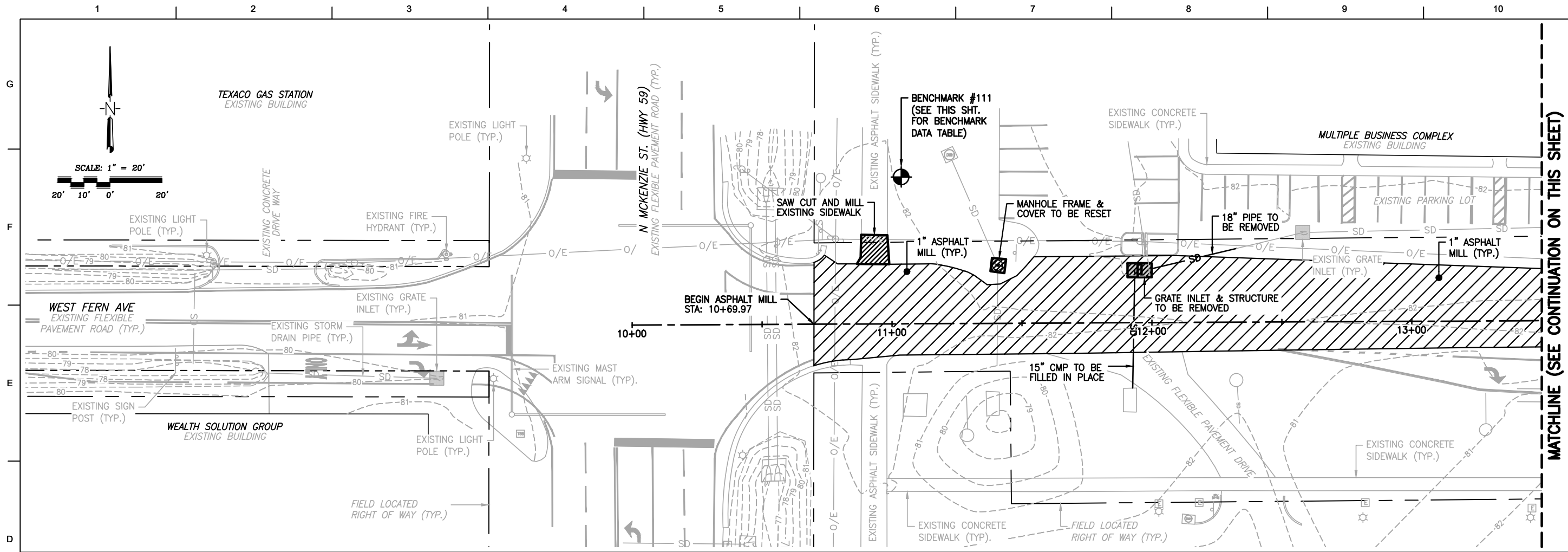
NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 119605.01
 DESIGNED BY: DOW
 DRAWN BY: TMM
 CHKD BY: RLW
 PROJ. MGR: DOW
 DATE: MARCH 2026

RELEASING FOR
 CONSTRUCTION
 BY: DOW DATE: XXXXXX

EXISTING CONDITIONS

C-101



MATCHLINE (SEE CONTINUATION ON THIS SHEET)

MATCHLINE (SEE CONTINUATION ON THIS SHEET)

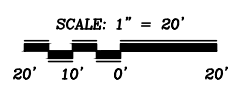
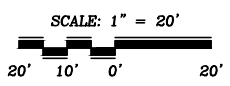
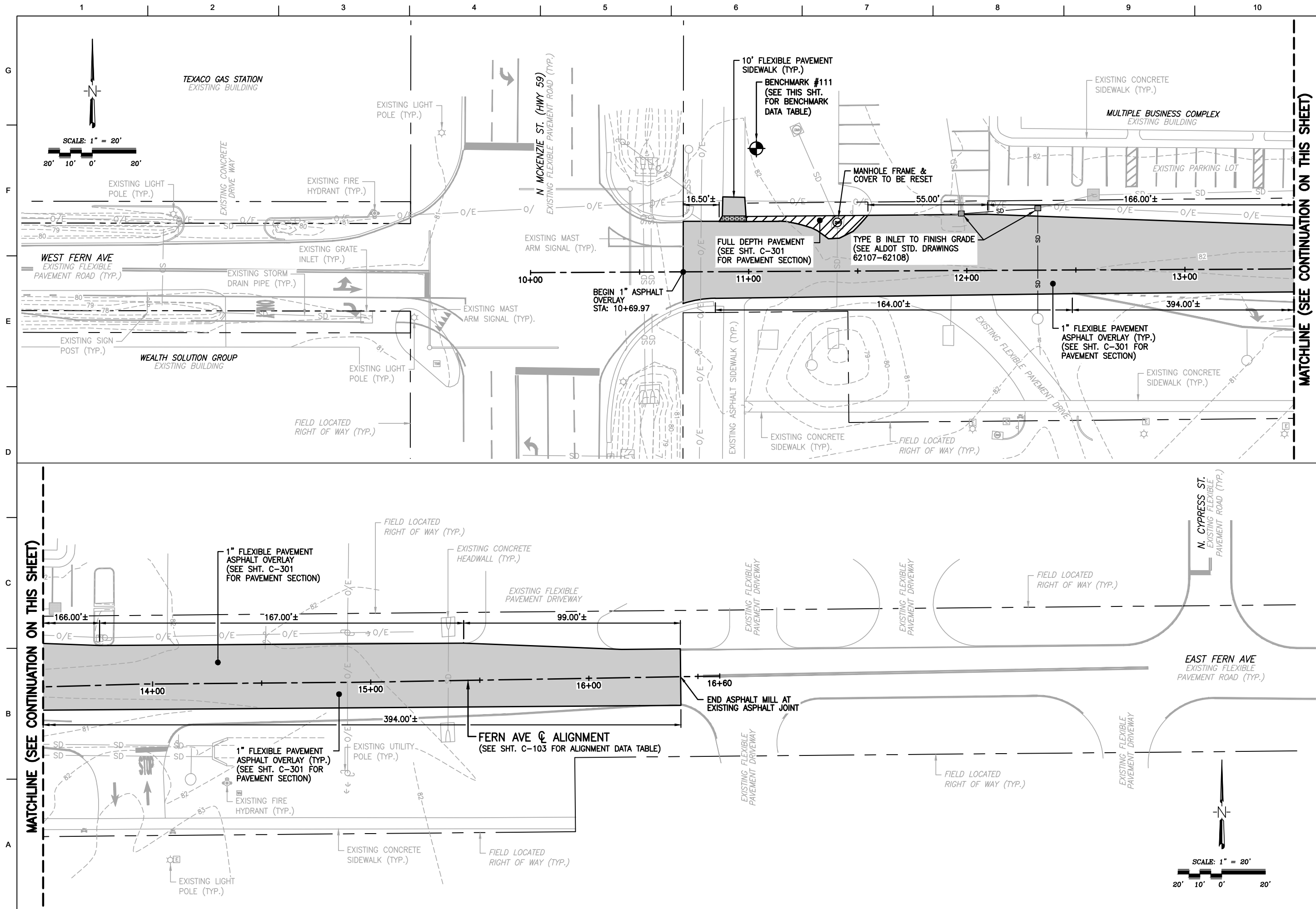
BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTGOMERY DRIVE, SUITE 650,
 MOBILE, AL 36686 (251) 380-0311
 LEASING BUSINESS: 800-408-8888
 PENNSACOLA-PANAMA CITY SOUTH - PALM BEACH - MOBILE

FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
 RELEASED FOR
 CONSTRUCTION

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 119605.01
 DESIGNED BY: DOW
 DRAWN BY: TMM
 CHKD BY: RLW
 PROJ. MGR: DOW
 DATE: MARCH 2026

REMOVAL PLAN



MATCHLINE (SEE CONTINUATION ON THIS SHEET)

MATCHLINE (SEE CONTINUATION ON THIS SHEET)

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTGOMERY DRIVE, SUITE 650,
 MOBILE, AL 36686 (251) 380-0311
 LEASING BUSINESS: 800-408-8888
 PENNSACOLA-PANAMA CITY DESIGN: 724-948-8888, MOBILE

FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
 RELEASED FOR
 CONSTRUCTION

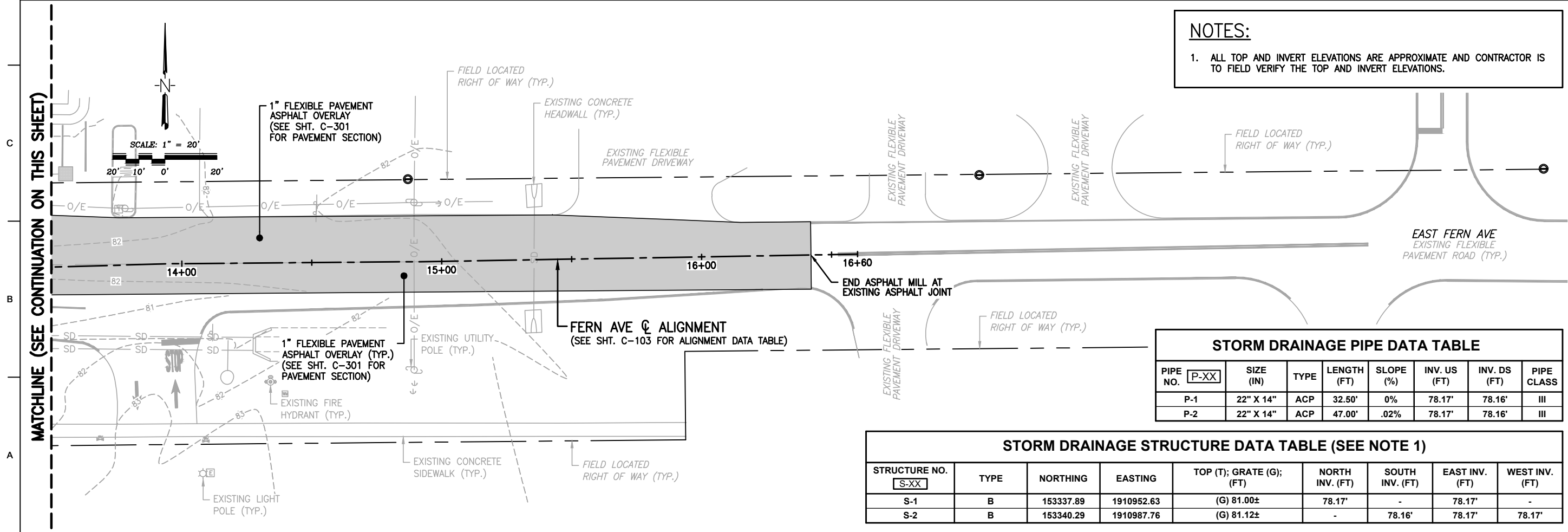
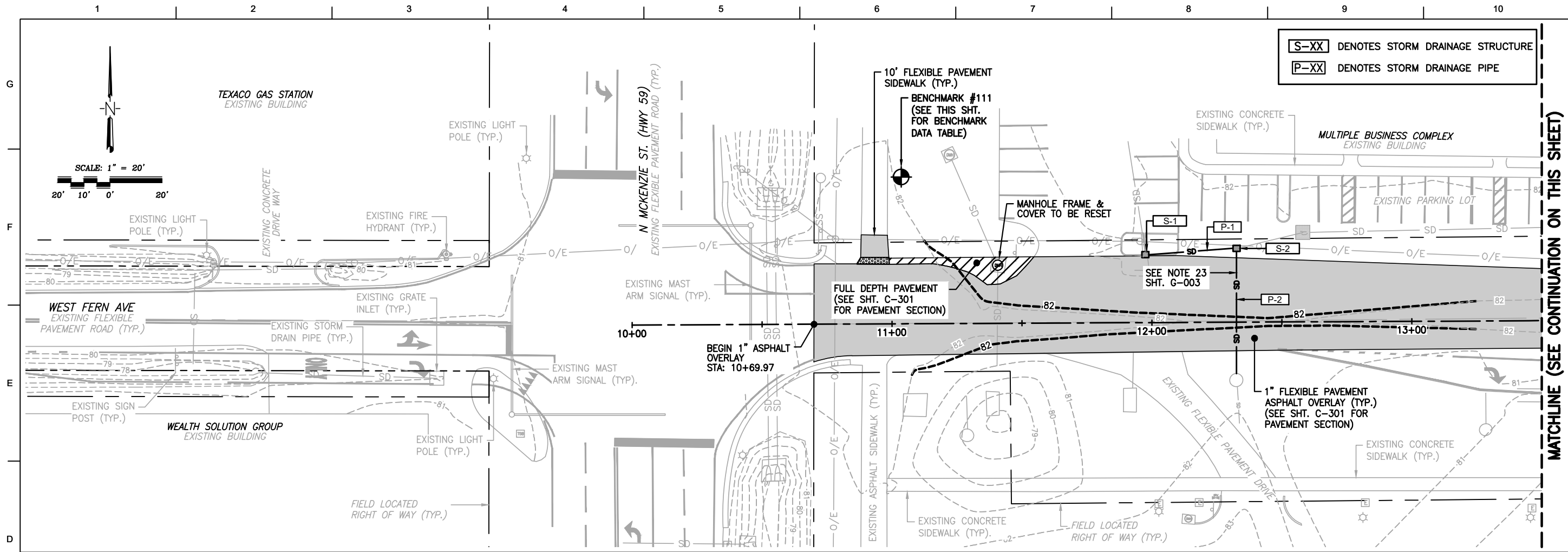
NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO:	119605.01
DESIGNED BY:	DOW
DRAWN BY:	TMM
CHKD BY:	RLW
PROJ. MGR:	DOW
DATE:	MARCH 2026

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RELEASED FOR CONSTRUCTION
 BY: DOW DATE: XXXXXX

GEOMETRY PLAN



S-XX DENOTES STORM DRAINAGE STRUCTURE
P-XX DENOTES STORM DRAINAGE PIPE

NOTES:
1. ALL TOP AND INVERT ELEVATIONS ARE APPROXIMATE AND CONTRACTOR IS TO FIELD VERIFY THE TOP AND INVERT ELEVATIONS.

PIPE NO.	SIZE (IN)	TYPE	LENGTH (FT)	SLOPE (%)	INV. US (FT)	INV. DS (FT)	PIPE CLASS
P-1	22" X 14"	ACP	32.50'	0%	78.17'	78.16'	III
P-2	22" X 14"	ACP	47.00'	.02%	78.17'	78.16'	III

STRUCTURE NO.	TYPE	NORTHING	EASTING	TOP (T); GRATE (G); (FT)	NORTH INV. (FT)	SOUTH INV. (FT)	EAST INV. (FT)	WEST INV. (FT)
S-1	B	153337.89	1910952.63	(G) 81.00±	78.17'	-	78.17'	-
S-2	B	153340.29	1910987.76	(G) 81.12±	-	78.16'	78.17'	78.17'

GRADING & DRAINAGE PLAN

C-105

FERN AVE - HIGHWAY 59 TURN LANES FOLEY, ALABAMA
RELEASED FOR CONSTRUCTION

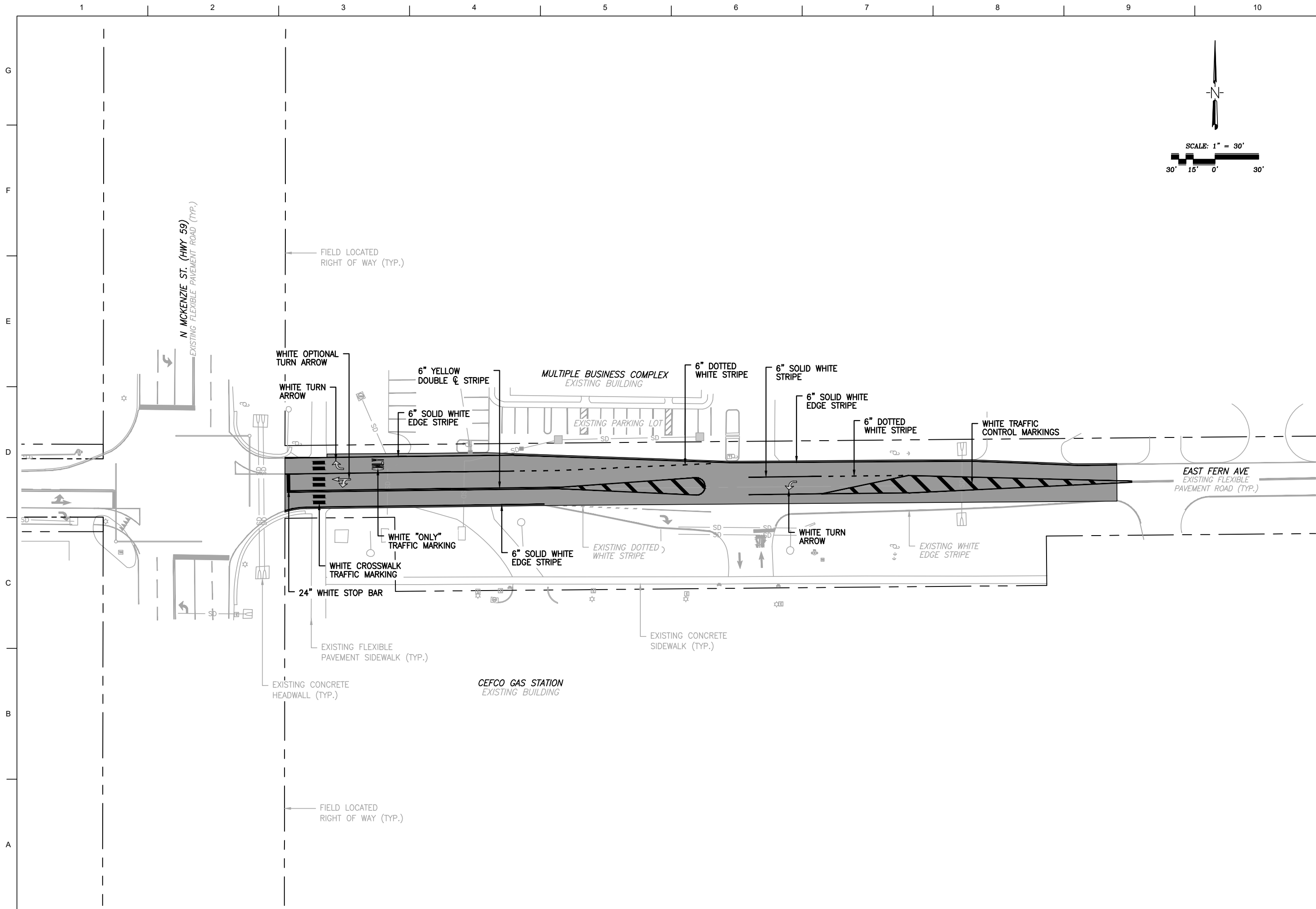
BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
1201 MONTAIGNE DRIVE, SUITE 650,
MOBILE, AL 36686 (251) 380-0311
ENGINEERING BUSINESS: EC-00000000
PERSONNEL: PAVAR CITY DESIGN - FULL SERVICE - MOBILE

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 119605.01
DESIGNED BY: DOW
DRAWN BY: TMM
CHKD BY: RLW
PROJ. MGR: DOW
DATE: MARCH 2026

BY: DOW DATE: XXXXXX
CONSTRUCTION

SEAL



BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTICLARE DRIVE, SUITE 650,
 MOBILE, AL 36682 (251) 380-0311
 ENGINEERING BUSINESS: EC-000690
 PROFESSIONAL ENGINEER: EC-000690
 PENNSACOLA-PANAMA CITY DISTRICT - PANAMA, MOBILE

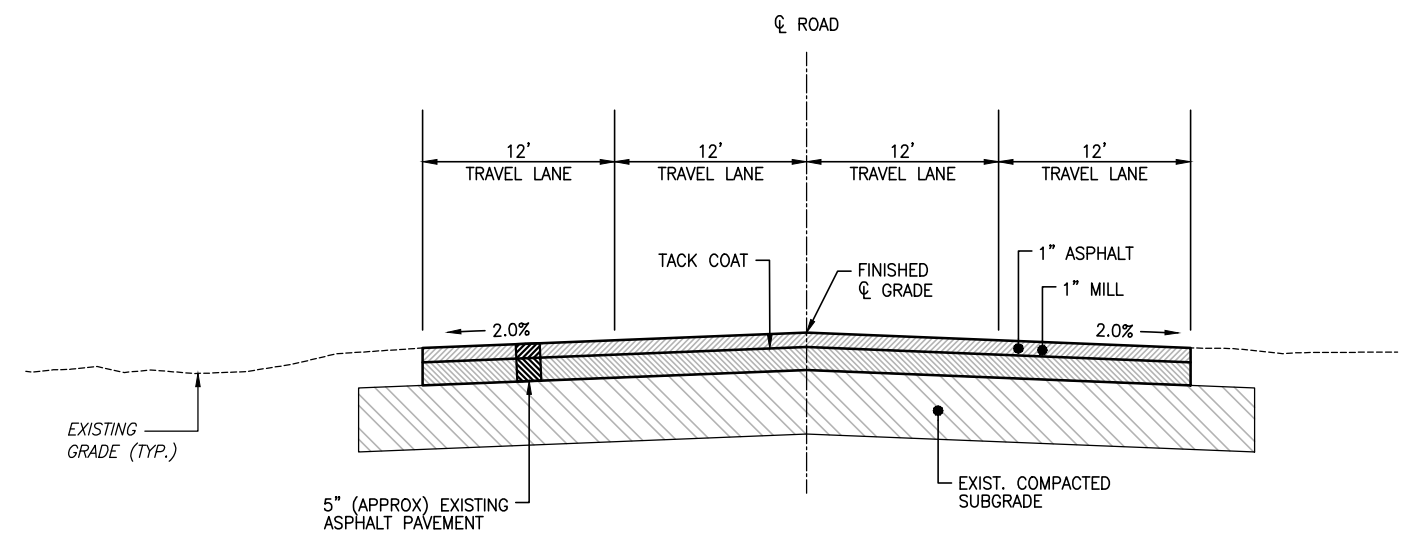
FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
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 CONSTRUCTION

NO.	DATE	APPR.	REVISION / ACTION TAKEN

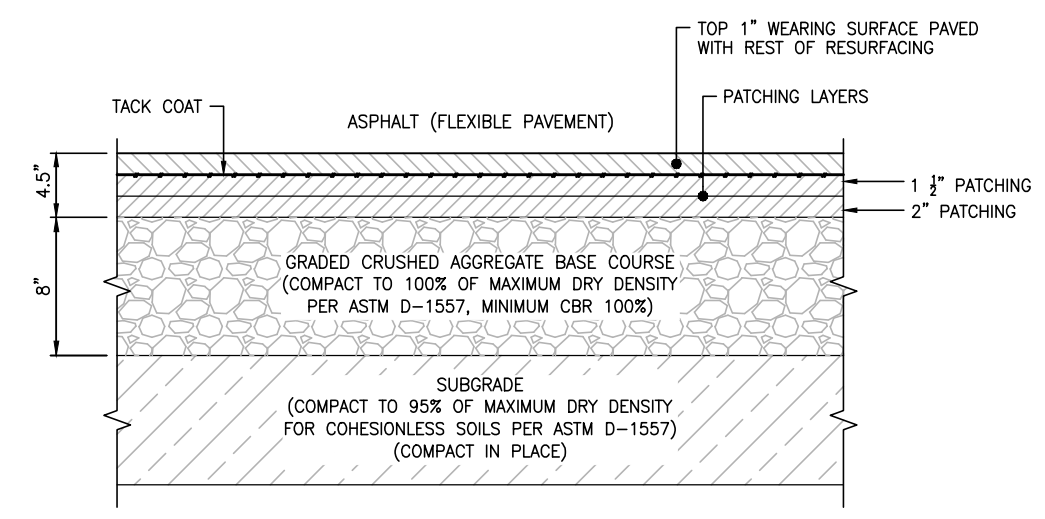
PROJECT NO: 119605.01
 DESIGNED BY: DOW
 DRAWN BY: TMM
 CHKD BY: RLW
 PROJ. MGR: DOW
 DATE: MARCH 2026

RELEASED FOR
 CONSTRUCTION
 BY: DOW DATE: XXXXXX

STRIPING PLAN



1.5" MILL & RESURFACE
EAST FERN AVE
 STA. 10+69.97 – END AT EXISTING
 ASPHALT JOINT
 N.T.S.



FULL DEPTH INFILL
PAVEMENT SECTION
 N.T.S.

NOTES:
 ASPHALT (FLEXIBLE PAVEMENT) SHALL BE SP-12.5 ALDOT STD. SPECIFICATION SECTION 424.

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTICLARE DRIVE, SUITE 650,
 MOBILE, AL 36682 (251) 380-0311
 ENGINEERING BUSINESS: EC-000690
 PROFESSIONAL ENGINEER: PE-000690
 PENNSACOLA-PANAMA CITY DISTRICT: P-000690-MOBILE

FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
 RELEASED FOR
 CONSTRUCTION

NO.	DATE	APPR.	REVISION / ACTION TAKEN

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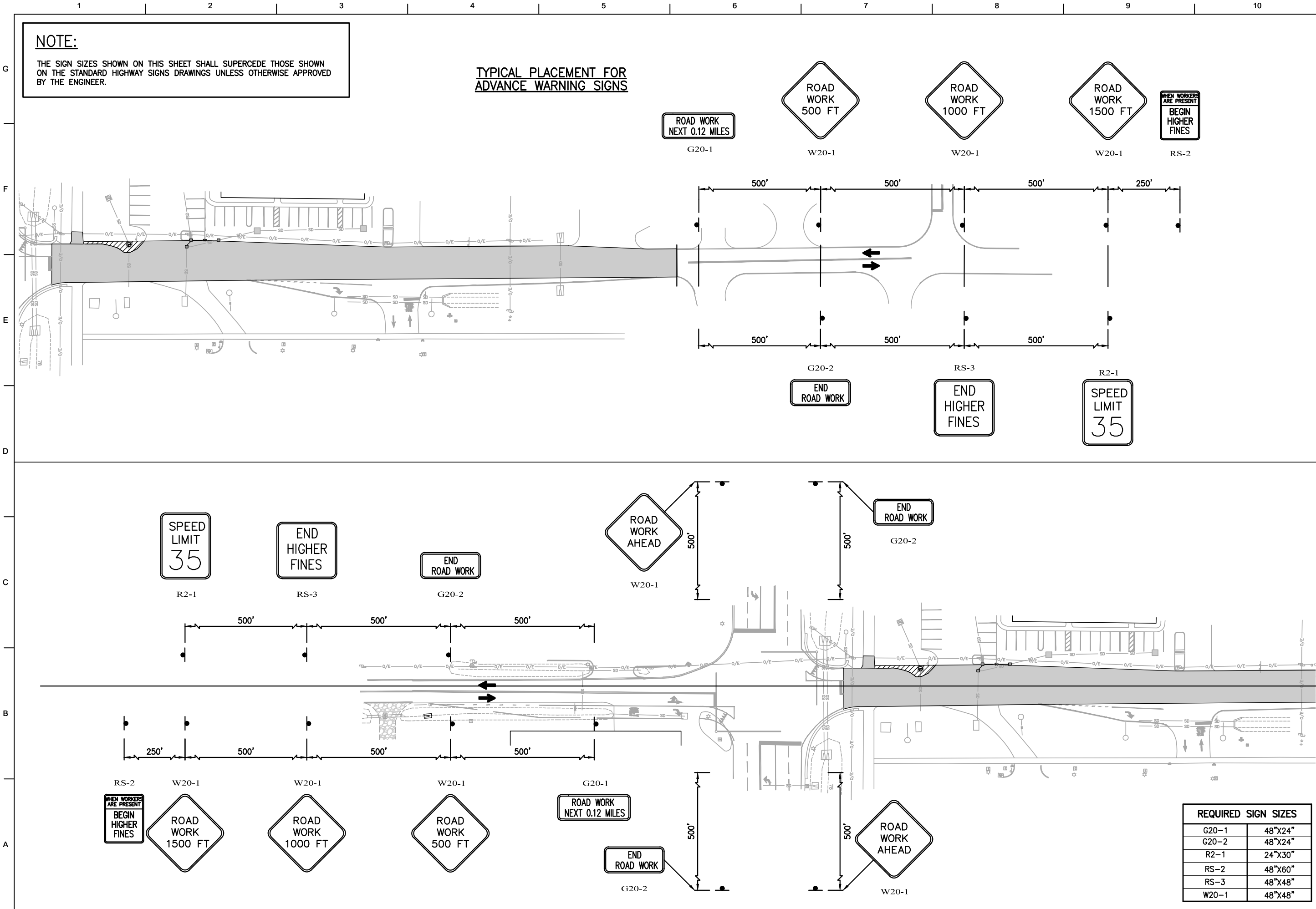
RELEASED FOR CONSTRUCTION
 BY: DOW DATE: XXXXXX

PROJECT NO: 119605.01
 DESIGNED BY: DOW
 DRAWN BY: TMM
 CHKD BY: RLW
 PROJ. MGR: DOW
 DATE: MARCH 2026

TYPICAL ROADWAY SECTIONS

NOTE:
 THE SIGN SIZES SHOWN ON THIS SHEET SHALL SUPERCEDE THOSE SHOWN ON THE STANDARD HIGHWAY SIGNS DRAWINGS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TYPICAL PLACEMENT FOR ADVANCE WARNING SIGNS



REQUIRED SIGN SIZES	
G20-1	48"x24"
G20-2	48"x24"
R2-1	24"x30"
RS-2	48"x60"
RS-3	48"x48"
W20-1	48"x48"

BASKERVILLE-DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 1201 MONTILMAR DRIVE, SUITE 650,
 MOBILE, AL 36686 (251) 380-0311
 LEASING BUSINESS: 604-400-8888
 PENNSACOLA-PANAMA CITY BRANCH: 904-935-5555

FERN AVE - HIGHWAY 59
 TURN LANES
 FOLEY, ALABAMA
 RELEASED FOR
 CONSTRUCTION

NO.	DATE	APPR.	REVISION / ACTION TAKEN

PROJECT NO: 119605.01
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 DRAWN BY: TMM
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 PROJ. MGR: DOW
 DATE: MARCH 2026

TRAFFIC CONTROL PLAN
C-401