PROPOSED PROPERTY LINE

PROPOSED 8" WATER LINE

—— EXISTING EDGE OF PAVEMENT

EXISTING WATER LINE

EXISTING UNDERGROUND TELEPHONE LINE EXISTING UNDERGROUND GAS LINE OR PIPELINE

EXIST SANITARY SEWER STEEL ENCASEMENT LINE (BY OTHERS)

EXISTING UNDERGROUND POWER LINE

-X-X-X-PROPOSED FENCE (TYPE TBD BY OWNER)

PROPOSED CHAIN LINK (ALUMINUM) FENCE

PROPOSED SANITARY SEWER LINE ----- EXISTING INTERMEDIATE CONTOUR

OHP EXISTING OVERHEAD UTILITY LINE(S)

— — ADJOINER'S PROPERTY LINES

BASE FLOOD ELEVATION LINE

ABBREVIATIONS

B.O.B.

P.O.B.

P.O.C.

R/W

CSFPE

STA

MIN

BOP

TYP

ELEV

RET

O.C.

BFE

TBD

R.O.W.

INV

CRF

CTF

CRS

VCP

C.I.

DTL

ACTUAL

RECORD

DEED CALL

FIELD MEASUREMENT

PLAT (UNRECORDED)

BASIS OF BEARINGS

POINT OF BEGINNING

RIGHT-OF-WAY TO BE ACQUIRED

LUMP SUM

SQUARE YARD

LINEAR FOOT

CUBIC YARD

STATION

GALLON

ACRE SQUARE FOOT

POUND

MINIMUM

TYPICAL

ELEVATION

RETAIN(ED) FIBER OPTIC

CENTER LINE

ON CENTER

WATER LINE

MAINTENANCE

DEMO(D) DEMOLITION/DEMOLISHED

RIGHT OF WAY

SYMMETRICAL INVFR⁻

TO BE DETERMINED

BEGINNING OF PROJECT

BASE FLOOD ELEVATION

TEMPORARY BENCH MARK

CONCRETE MASONRY UNIT

CRIMP TOP PIPE FOUND

5/8" REBAR FOUND

VITRIFIED CLAY PIPE

CURED IN PLACE PIPE

CAPPED REBAR SET

DUCTILE IRON

CAST IRON

SHEET

DETAIL

POUNDS PER SQUARE INCH

CAPPED REBAR FOUND (BUSBY) 4"x4" CONCRETE MONUMENT FOUND

EX/EXIST EXISTING

REQUIRED

POINT OF COMMENCEMENT

POLYVINYL CHLORIDE PIPE

CORRUGATED SMOOTH FLOW POLYETHYLENE PIPE

EDGE OF PAVEMENT OR END OR PROJECT

REINFORCED CONCRETE

EXISTING INDEX CONTOUR

— - - — EXISTING RIGHT-OF-WAY

EXISTING GUARD RAIL LEFT EXISTING GUARD RAIL RIGHT

--- SETBACK LINE

----- EXISTING EASEMENT —— PL —— PL —— EXISTING PROPERTY LINE

_____ UP _____

PROPOSED WATER LINE

PROPOSED RIP RAP

<u>PATTERNS</u>

EXISTING CONDITIONS DEMO EXISTING ASPHALT

PROPOSED ASPHALT TOPSOIL STRIPPING

WETLAND WETLAND MITIGATION

LAKE / WATER

PROPOSED GRAVEL

TURF REINFORCING MAT

SYMBOLS

LIGHT POLE GUY POLE W/ANCHOR ELECTRIC SERVICE POLE ELECTRIC VAULT FIRE HYDRANT

LIVE OAK TREE

PINE TREE

MAGNOLIA TREE

POPLAR TREE

MAPLE TREE

SYCAMORE TREE

SWEETGUM TREE

CAMPHOR TREE

POPCORN TREE

CHERRY TREE

CYPRESS TREE

ORNAMENTAL TREE

PALM TREE

PECAN TREE

CEDAR TREE

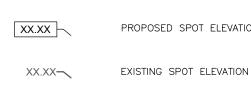
CITRUS TREE

CREPE MYRTLE

TUPELO TREE

STOP SIGN





SHRUB

UNKNOWN TREE

UNKNOWN TREE

WATER VALVE

CURB STOP

WATER MARKER

POWER POLE

STREET SIGN

WATER METER

FH VALVE

GAS VALVE

GAS METER GRATE INLET

DOUBLE INLET

SINGLE INLET LEFT

SINGLE INLET RIGHT BOX INLET W/ MANHOLE

ELECTRICAL MANHOLE SAN. SEWER MANHOLE TELEPHONE MANHOLE CABLE TV PEDESTAL

TELEPHONE PEDESTAL

SINGLE TREE REMOVAL

MULTIPLE TREE REMOVAL

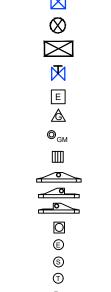
ELECTRICAL SERVICE BOX





CONCRETE MONUMENT CONTROL POINT CAPPED REBAR CRIMP TOP PIPE GAS METER GUY WIRE MAIL BOX MAN HOLE MARKER GAS MARKER

 \otimes



— X— X— X— EXISTING FENCE =========== STORM DRAIN PIPE ----- EXISTING WOOD PRIVACY FENCE EXISTING TREE LINE PROPOSED SPOT ELEVATION PROPOSED LAYOUT POINT TREE TO BE REMOVED (ALL TYPES) COMMUNICATION MARKER

GENERAL NOTES:

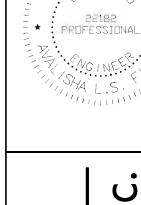
- STANDARD SPECIFICATIONS FOR STREETS AND DRAINAGE: REFERENCE IS MADE TO THE ALABAMA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2022 EDITION. ALL PROVISIONS OF SAID STANDARD SPECIFICATIONS SHALL APPLY TO THIS CONTRACT AND ARE HEREBY MADE A PART OF THIS CONTRACT, EXCEPT WHEN THE PROVISIONS HEREON OR THE PLANS ARE CLEARLY IN CONFLICT WITH THE PROVISIONS OF SAID STANDARD SPECIFICATIONS, THE PROVISIONS HEREON AND THE PLANS SHALL GOVERN.
- 2. THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO CONSTRUCTION OR FABRICATION.
- THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND ANY APPLICABLE SPECIFICATIONS PROVIDED FOR THIS PROJECT. CONTRACTOR IS DIRECTED TO NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IF ANY CONFLICT IS FOUND IN THESE PLANS AND/OR BETWEEN THESE PLANS OF OTHER DISCIPLINES FOR THIS
- 4. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS.
- 5. ALL CONCRETE USED ON THE PROJECT SHALL BE 3,000 PSI MINIMUM COMPRESSIVE STRENGTH REQUIRED IN 28 DAYS, UNLESS SPECIFICATIONS REQUIRE CONCRETE OF GREATER STRENGTH.
- UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL PRIOR TO DIGGING (1-800-292-8525) (WWW.AL1CALL.COM). OTHER UTILITIES (INCLUDING PRIVATE UTILITIES INSIDE OR OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR.
- 7. THE WORD OF THE ENGINEER AND/OR INSPECTOR SHALL BE FINAL IN ANY MATTER.
- 8. THE SITE IS LOCATED IN SEC. 27 T-2-S, R-1-W FOR BALDWIN STREET, OAK AVENUE, AND BAKER ROAD, SEC. 22 T-2-S, R-1-W FOR BAYOU AVENUE E, AND SEC. 23 T-2-S, R-1-W, FOR PLATEAU AVENUE E, MOBILE COUNTY, ALABAMA.
- 9. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
- 10. CONTRACTOR IS PROHIBITED FROM DISTURBING SITE AREAS OUTSIDE THE CONSTRUCTION LIMITS SHOWN ON THE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER. STAGING AREAS OUTSIDE THE CONSTRUCTION LIMITS, PILES OF DIRT, AND OTHER BARE AREAS ARE TO BE COVERED AS DIRECTED BY THE ENGINEER. ANY AREAS DISTURBED OUTSIDE THE CONSTRUCTION LIMITS WILL BE REPAIRED AND COVERED WITH A FIRM STAND OF GRASS BEFORE FINAL PAYMENT AND FINAL ACCEPTANCE OF THE PROJECT AT NO ADDITIONAL COST TO THE PROJECT OWNER. IF GRASS WILL NOT GROW ON THE SUBJECT AREA DUE TO POOR WEATHER CONDITIONS, THE CONTRACTOR AGREES TO PLACE SOD ON THE AREA TO PREVENT EXCESS BARE AREAS FROM CONTRIBUTING SEDIMENT EROSION TO THE AREAS OF THE SITE THAT ARE UNDER CONSTRUCTION.
- 11. CONTRACTOR IS REQUIRED TO USE "BEST MANAGEMENT PRACTICES" COMPLIANT WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", ALABAMA SOIL AND WATER CONSERVATION COMMITTEE, MONTGOMERY, ALABAMA, VOLUMES 1 & 2, 2022 EDITION, TO PREVENT SEDIMENT LADEN STORM WATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE.
- 12. ALL MATERIALS AND WORKMANSHIP WITHIN A STATE OR COUNTY RIGHT-OF-WAY SHALL CONFORM TO THE ALABAMA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION.
- 13. PROJECT ENGINEER HAS WAIVED ALL DENSITY REQUIREMENTS DUE TO THE RELATIVELY SHORT NATURE OF THE PROJECT
- 14. REMOVAL OF ROADWAY DIRT AND DEBRIS SHALL BE CONSIDERED A SUBSIDIARY ITEM OF ALL ASPHALT PAVING ITEMS.
- 15. PLEASE REFER TO THE STRIPING DETAIL FOR ALL QUESTIONS REGARDING PLACEMENT AND DIMENSIONS OF EDGE LINE
- 16. THE COST OF REMOVAL OF EXCESSIVE MATERIAL FROM THE SHOULDERS IN ORDER TO MEET PLAN TYPICAL SECTIONS, SHALL BE CONSIDERED A SUBISIDIARY ACTION OF ALL ASPHALT PAY ITEMS.
- 17. TACK QUANTITIES HAVE BEEN ESTIMATED AT APPROXIMAETLY 0.10 G/SY.
- 18. AS DIRECTED BY THE ENGINEER, TEMPORARY STRIPE MAYBE PLACED ON HIGH VOLUME OR CONGESTED ROADS
- 19. THE 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 EDGE OF THE COVER/GRATE. THE COST OF THIS WORK SHALL BE A SUBSIDIARY OBLIGATION OF THE ITEM ASSOCIATED WITH THE COVER/GRATE.
- 20. CONTRACTOR SHALL ACQUIRE RIGHT-OF-ENTRY FROM NORFOLK SOUTHERN AND COORDINATE THE WORK SEQUENCE PRIOR TO COMMENCEMENT OF PAVING OPERATIONS.
- 21. ANY VALVE AND/OR METER BOX RESETS SHALL BE COORDINATED WITH SATSUMA PUBLIC WORKS. SATSUMA PUBLIC WORKS WILL SUPPLY AND INSTALL RISERS IF NECESSARY, CONTACT: TRAVIS JONES, 251-654-8015.
- 22. MILLING EXISTING ASPHALT IS REQUIRED IN FRONT OF CONCRETE ADA RAMPS THAT ARE WITHIN THE OVERLAY LIMITS. NEW ASPHALT SHALL BE PLACED SO THAT IT IS FLUSH WITH EDGE OF CONCRETE. APPROXIMATELY 11 SQ YD OF MILLING IS ANTICIPATED FOR EACH LOCATION.
- 23. STATIONING FOR BEGIN MILLING AND RESURFACING ADJACENT TO EXISTING TRACKS IS APPROXIMATE. THE INTENT IN THESE LOCATIONS IS TO BEGIN WORK AT THE EXISTING ASPHALT JOINTS.
- 24. ALL INTERSECTING ROADS PERTAINING TO THIS PROJECT SHALL BE INCLUDED TO CONSIST OF ASPHALT TIE-INS. ALL TIE-INS SHALL HAVE A MINIMUM LENGTH OF 6" (1" MAXIMUM DROP FOR EVERY 6" LENGTH). ALL ASPHALT TIE-INS SHALL BE AT THE SAME WEARING SURFACE ELEVATION OF THE INTERSECTING ROAD AT THE CONNECTION POINT.
- 25. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN RAILROAD PROTECTIVE LIABILITY (RPL) INSURANCE COVERAGE. ALL COSTS AND COORDINATION CONCERNING FLAGGING AND PAVING WITHIN THE RAILROAD RIGHT-OF-WAY SHALL BE AT THE CONTRACTORS EXPENSE.

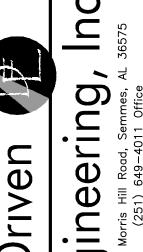
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DRAWING NUMBER TOTAL SHEETS

09/25/2023

9/25/2023 AMW ATT ALF
ISSUED FOR BID

DETAILS

8

SECTIONS

09/25/2023 AS SHOWN PROJECT NUMBER: 23041

DRAWING NUMBER TOTAL SHEETS REVISION

RESURFACING TYPICAL SECTION LEGEND

EXISTING BASE MATERIAL В EXISTING ASPHALT С EXISTING GRAVEL, DIRT, CONCRETE, OR ASPHALT DRIVEWAY TACK COAT 405-A000 2 424-A340

SUPERPAVE BITUMINOUS CONCRETE WEARING SURFACE LAYER, 1/2"

PLANING EXISTING PAVEMENT (APPROXIMATELY 1.10" THRU 2.0" THICK)

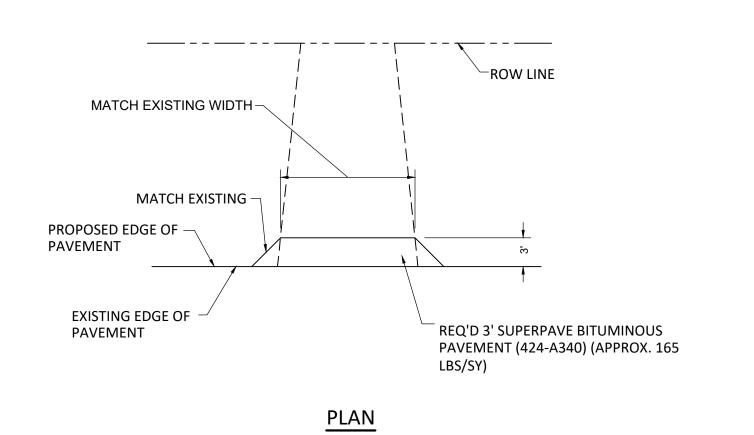
MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE B, 165 LB/SY

EXISTING SHOULDER WIDTH VARIES ✓ SEE DRIVEWAY TURNOUT DETAILS EXISTING PAVEMENT WIDTH VARIES 2' CROWN — 9'-12' LANE —— TO BE FORMED BY MACHINE FEATHER MATCH EXISTING MATCH EXISTING ROLLING INTO CROSS SLOPE CROSS SLOPE **EXISTING**

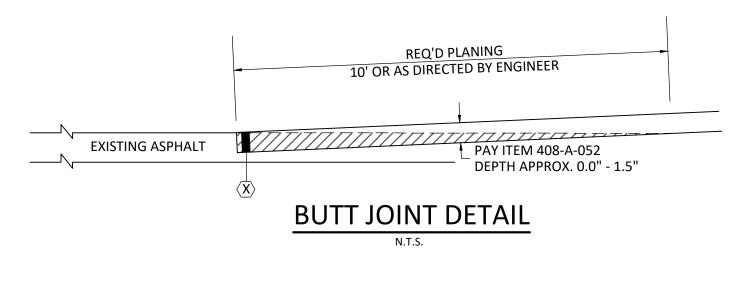
RESURFACING TYPICAL SECTION

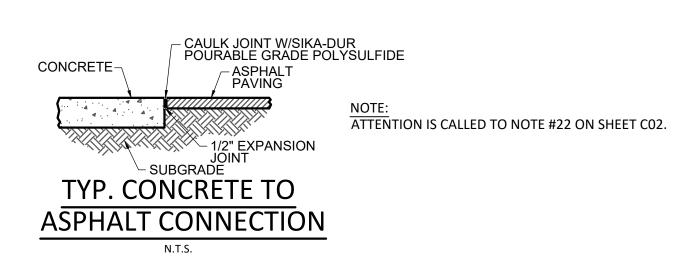
N.T.S.

TACK ONLY USED IN TURNOUTS IF PAVING OVER EXISTING ASPHALT



X





DRIVEWAY APRON DETAIL

GENERAL NOTES

1.) THE EXISTING PAVEMENT VARIES FROM 20' TO 24' WIDE.

ADDITIONAL ALTERNATE

215

373

222

0

0

4220

4220

213

615

220

3

1

3040

3040

312

50

NUMBER

405A-000

408A-051

424A-340

600A-000

618C-001

680A-001

698A-000

701E-000

701G-265

703A-002 703D-001

740B-000

740E-000

777R-000

Lump Sum | Mobilization

Lump Sum Geometric Controls

Lump Sum | Construction Fuel

Square Foot | Construction Signs

Each

Each Detectable Warning Surface

Linear Foot | Solid Temporary Traffic Stripe

Linear Foot | Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)

Square Foot Traffic Control Markings, Class 2, Type A

Square Foot Temporary Traffic Control Markings

Channelizing Drums

Cones (36 Inches High)

Lump Sum Railroad Permit, Coordination, and Insurance

THERMOPLASTIC.

Square Yard | Planing Existing Pavement (Approximately 0.00" Thru 1.5" Thick)

1. ALL PERMANENT TRAFFIC CONTROL STRIPING SHALL BE

EXTENDING BALDWIN STREET PROPOSED WORKS TO

ASPHALT TIE-INS ARE REQUIRED AT ALL INTERSECTIONS.

2. ADDITIONAL ALTERNATE SCOPE SHALL CONSIST OF

SARALAND CITY LIMITS, APPROXIMATELY 1055 LF.

DESCRIPTION

Ton Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B (Approximately 165 LB/SY)

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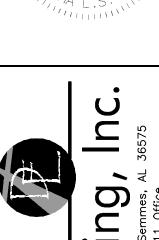
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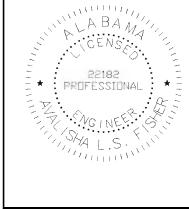
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(251) 649–4011 Office
(251) 645–0971 Fax
www.drivenengineering.com Driven

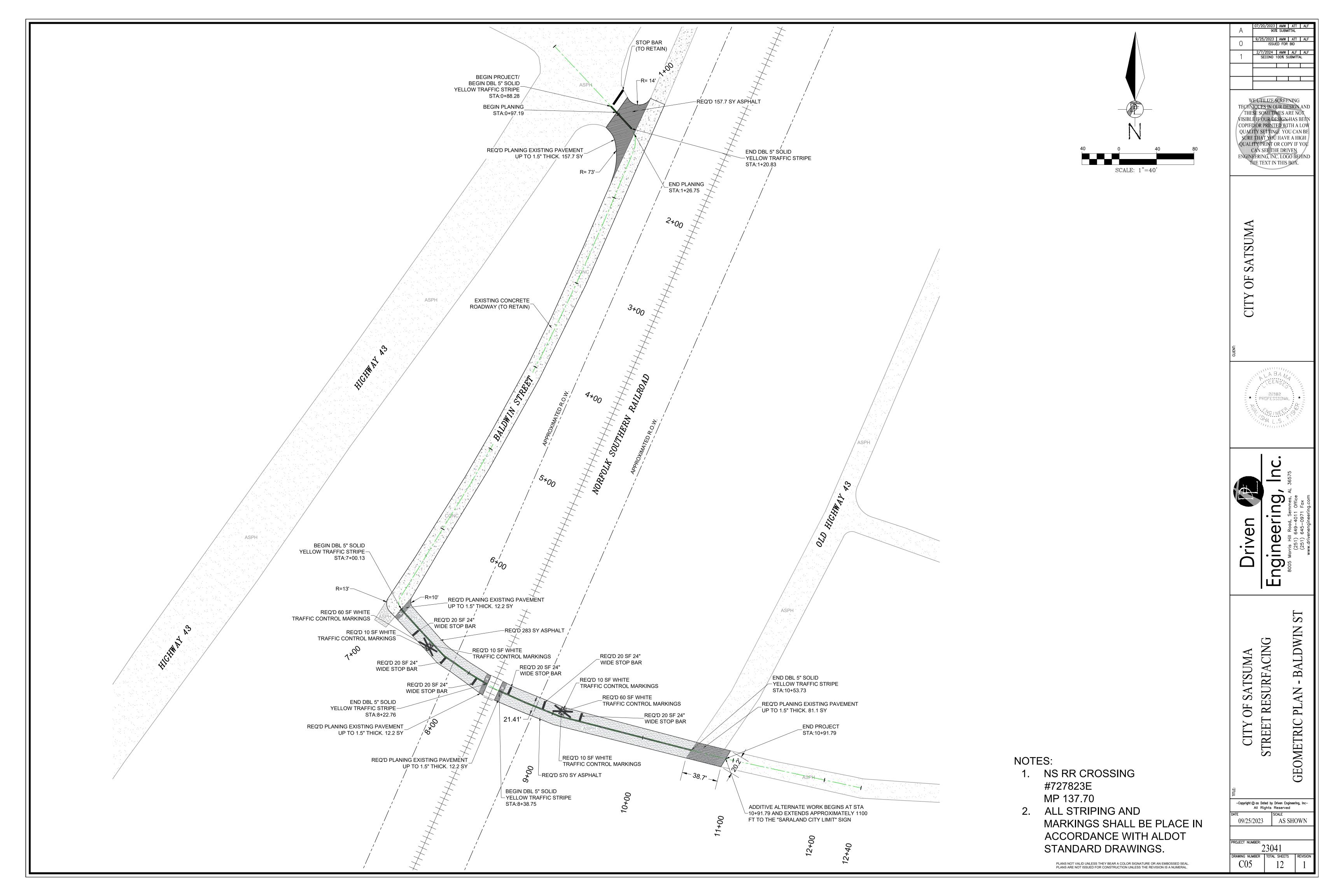


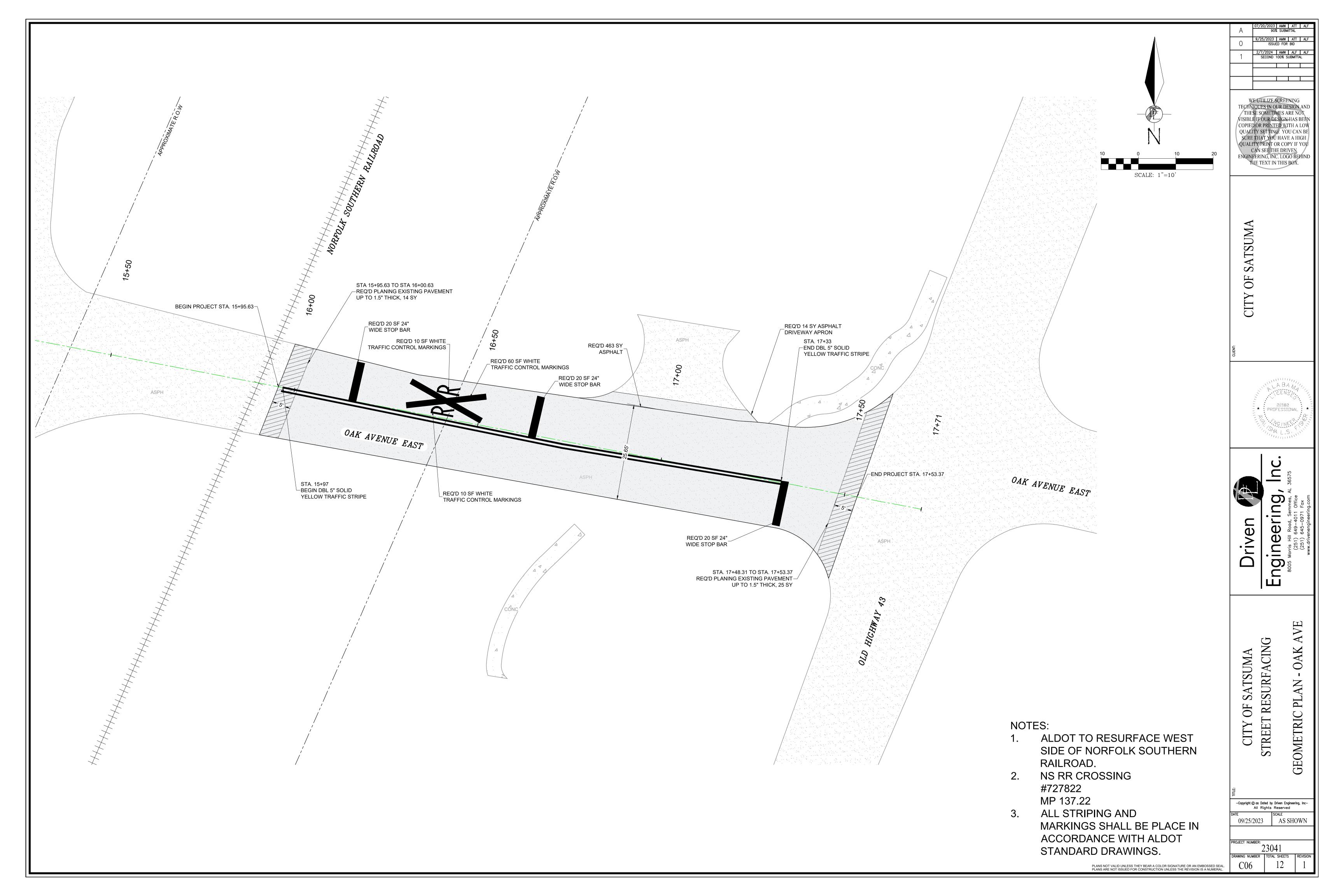


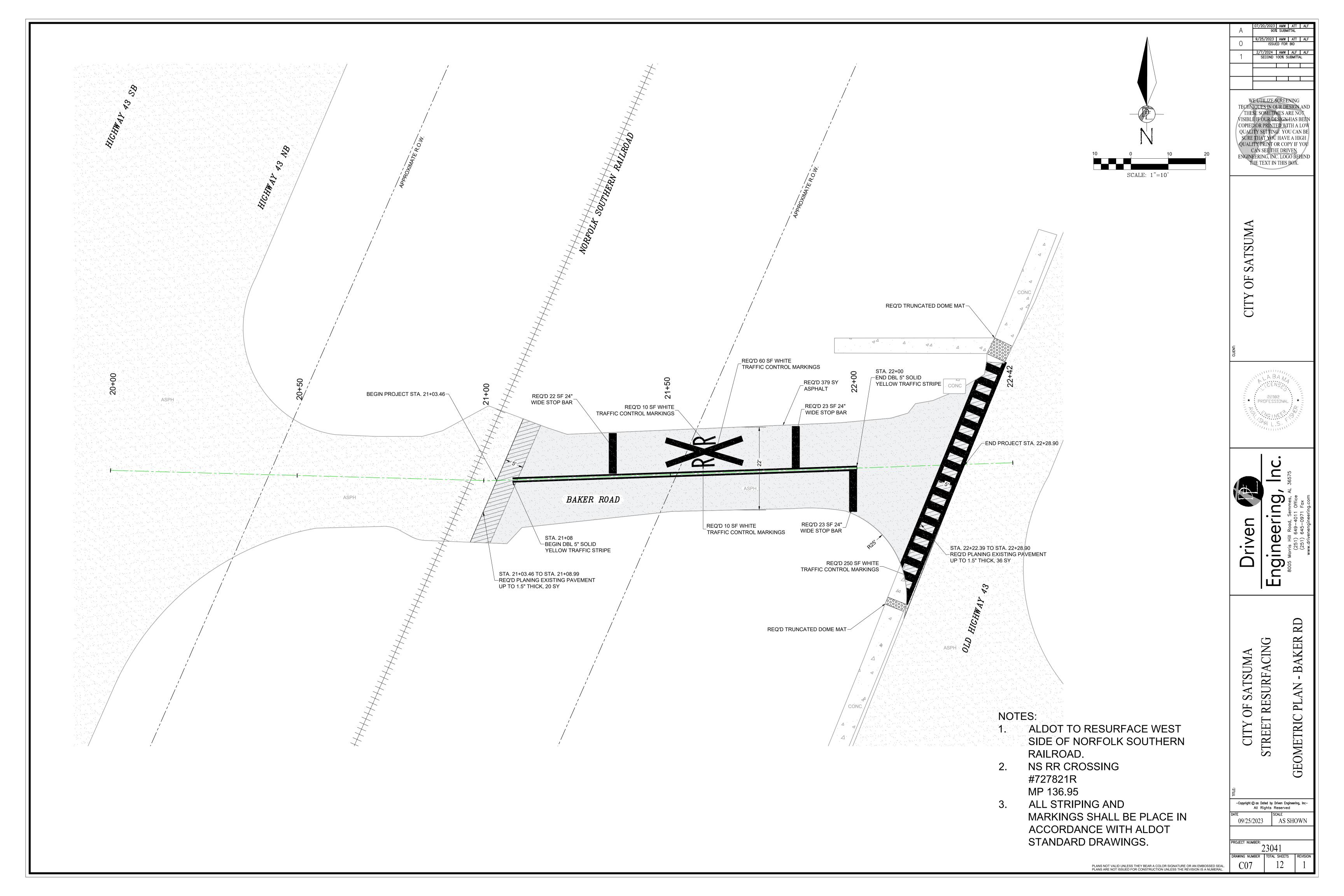
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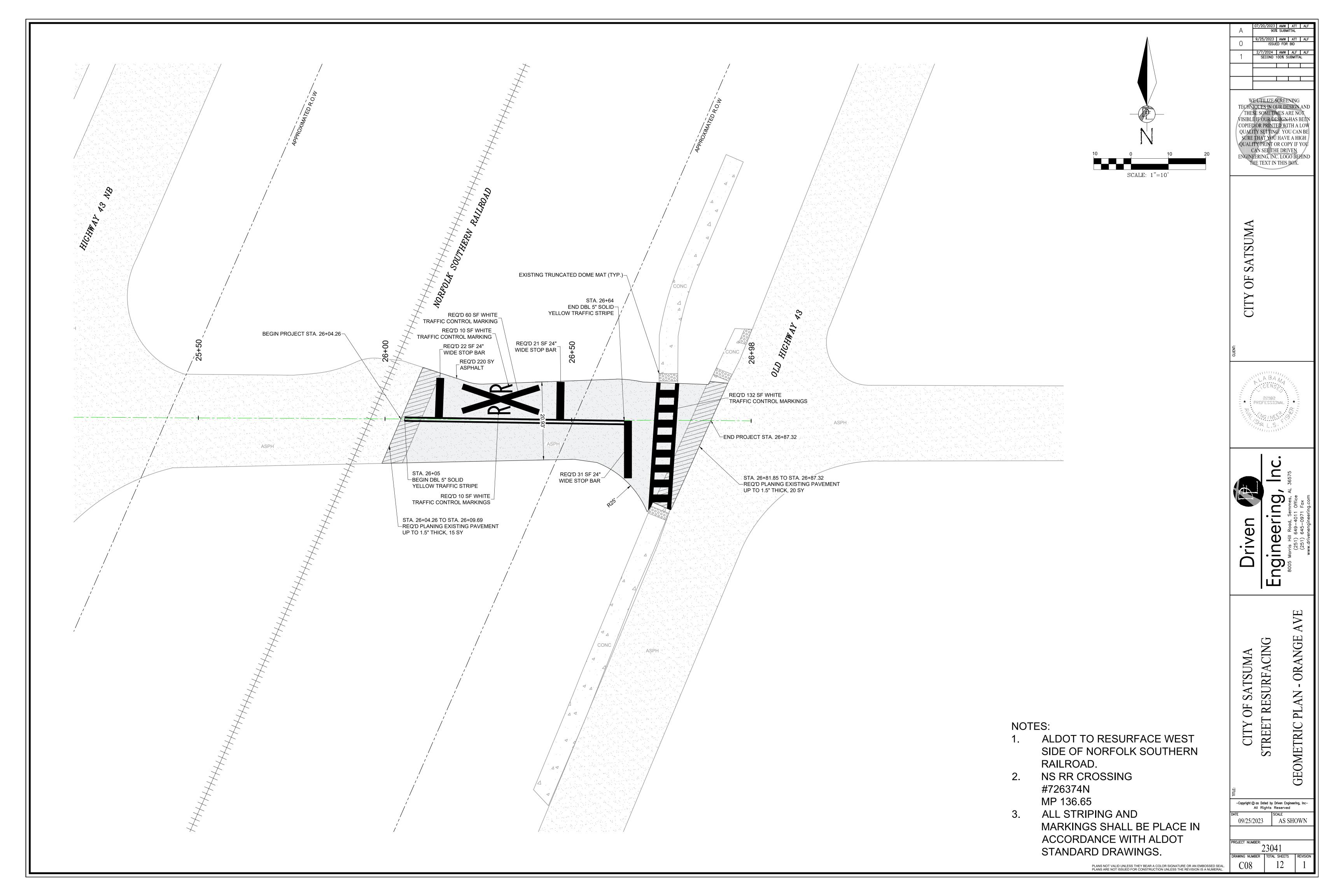
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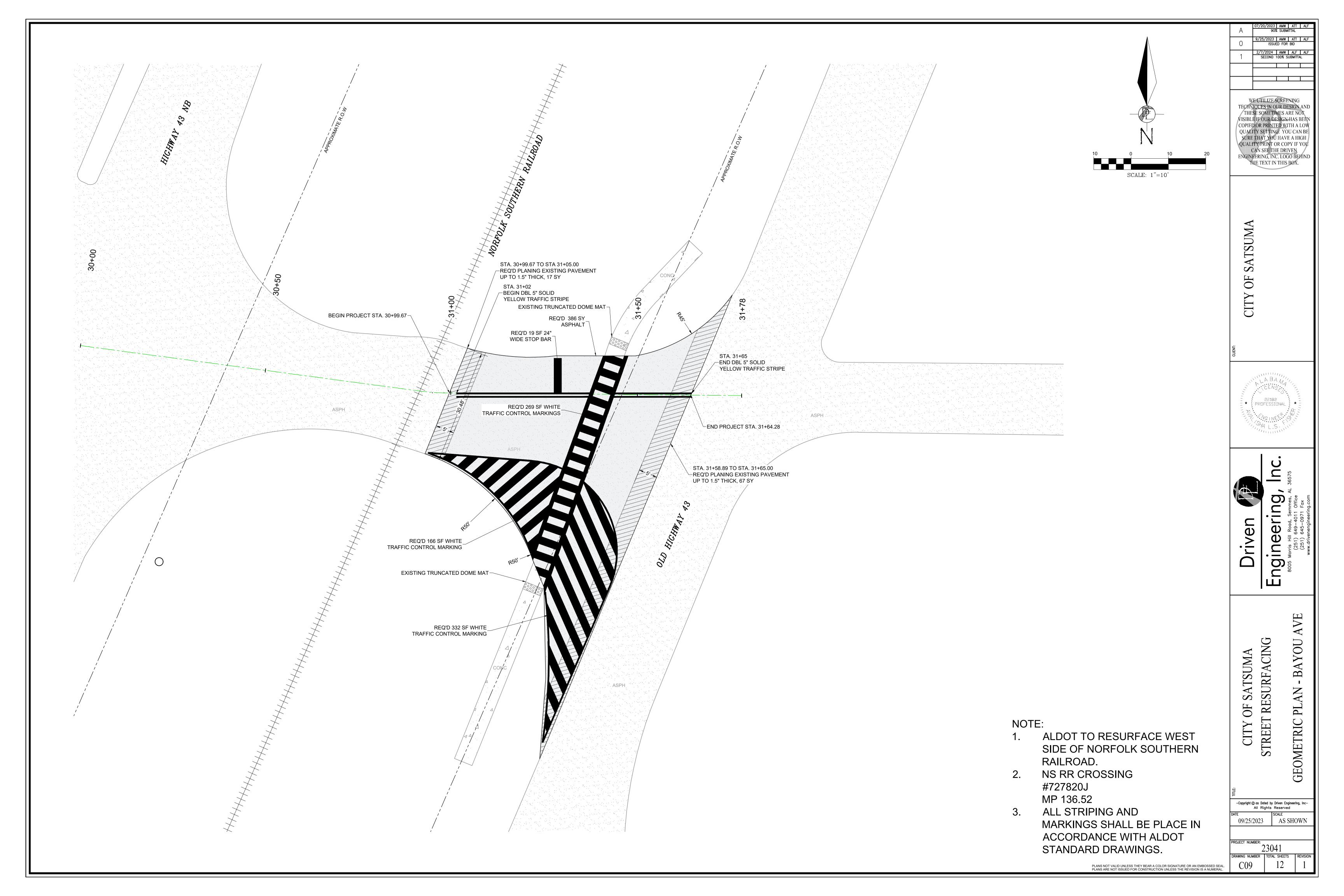
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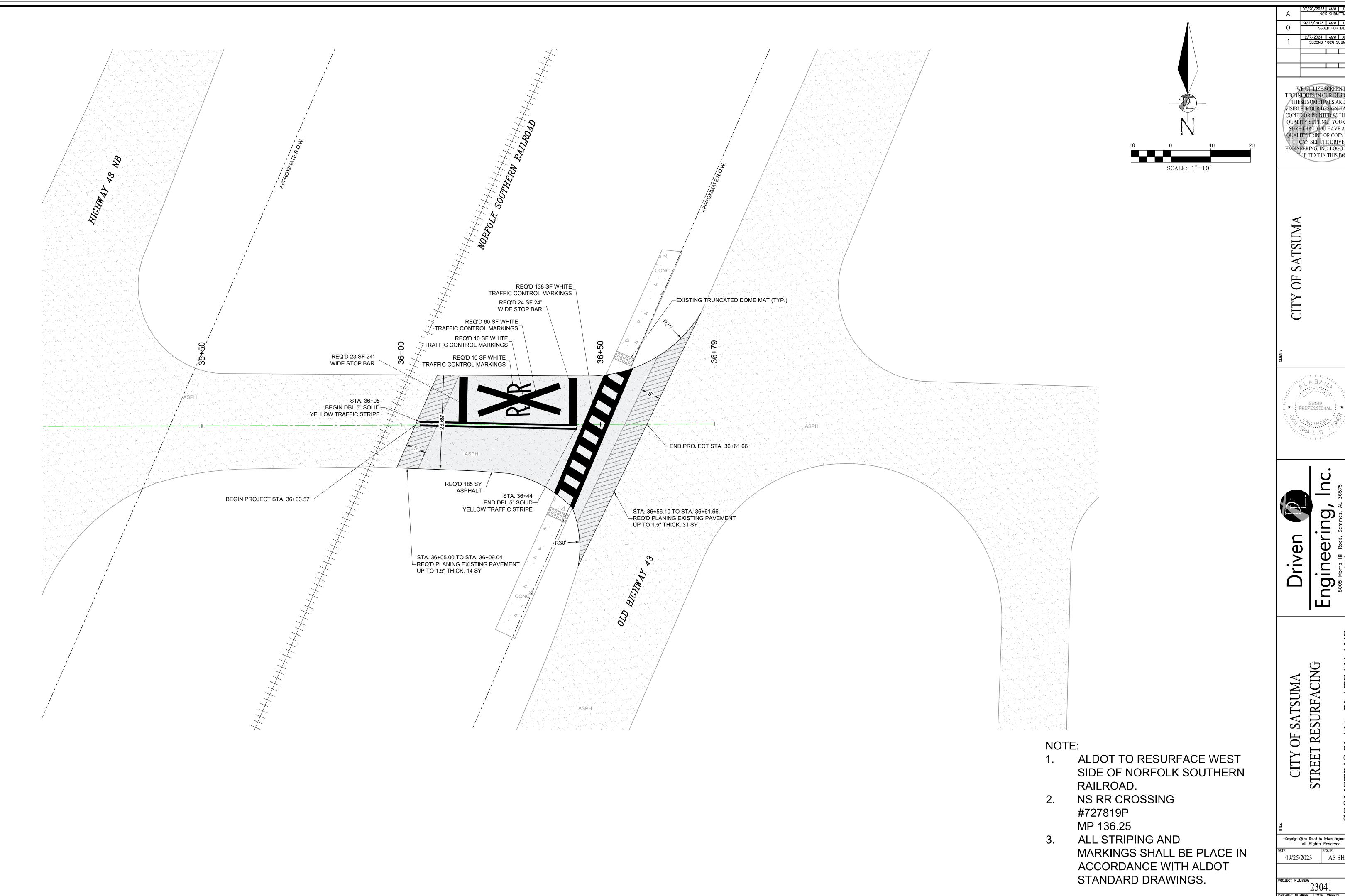






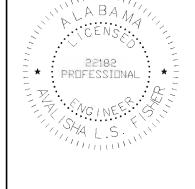






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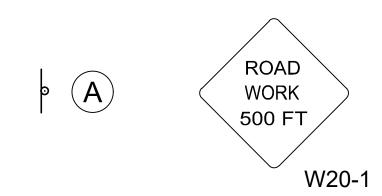
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CONSTRUCTION SIGN LEGEND



ROAD WORK NEXT 2 MILES

G20-1

© C END ROAD WORK

G20-2

ROAD WORK

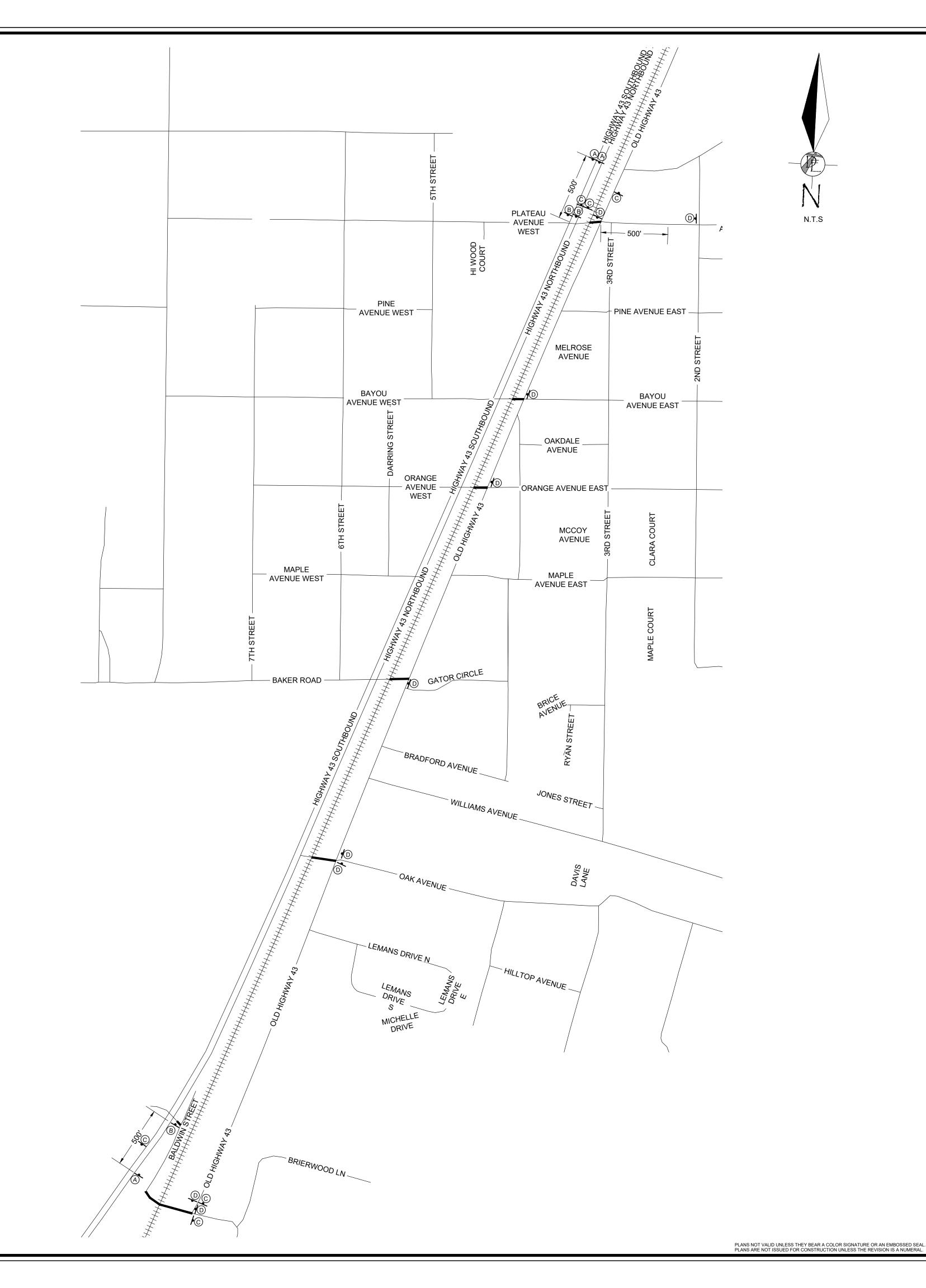
AHEAD

* NOTES:

1. DRAWING NOT TO SCALE

WORK ZONE(S)

SUMMARY OF SIGNS					
SIGN	SIGN DES	CRIPTION	SF	QUANTITY	TOTAL SF
W20-1 (D)	ROAD WORK AHEAD		16	8	128
W20-1 (A)	ROAD WORK 500 FT		16	3	48
G20-1 (B)	ROAD WORK NEXT 2 MILES		8	3	24
G20-2 (C)	END ROAD WORK		8	6	48
W20-7	FLAGGER SIGN		16	2	32
W20-5	ONE LANE ROAD 500 FT		16	2	32
TOTAL SIGNAGE (ALL ROADS)					312
SUMMARY OF TRAFFIC CONTROL					
QUANTITIES					
QUANTITY	UNIT	ITEM DESCRIPTION			
312	SF	CONSTRUCTION SIGNS TYPE IV (740-B)			
2	EACH	PROJECT SIGNS (NOT A PAY ITEM)			
50	EACH	CHANNELIZING DRUMS (740-D)			



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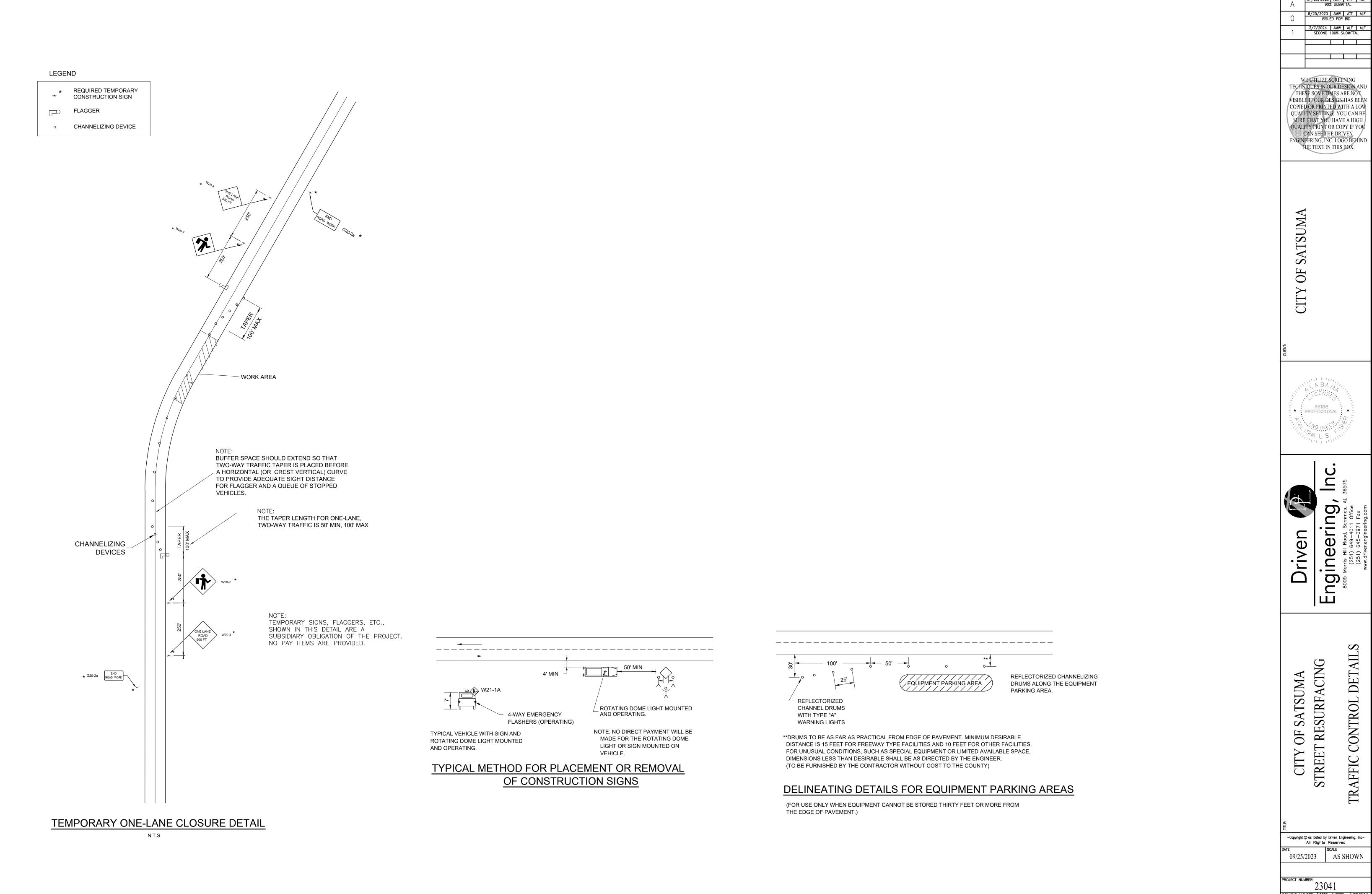
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