



**CITY OF FAIRHOPE
CITY COUNCIL WORK SESSION AGENDA**

**Monday, May 12, 2025 - 4:30 PM
City Council Chamber**

Council Members

Kevin G. Boone
Jack Burrell
Jimmy Conyers
Corey Martin
Jay Robinson

1. Presentation: Fairhope East Elementary School 3 Mil - Principal, Christina Stacey
2. Presentation: Mid-Year Financial Review - City Treasurer, Kim Creech
3. Discussion: Grand & Bon Secour Drainage Project
Public Works Director, George Ladd
4. Committee Updates
5. Department Head Updates

**Next City Council Work Session, Tuesday, May 27, 2025, 4:30 p.m.
Fairhope Municipal Complex
City Council Chamber
161 North Section Street
Fairhope, AL 36532**



CITY OF FAIRHOPE
AGENDA MEMORANDUM

Item ID: 2025-1299

FROM:	Principal, Christina Stacey – FAIRHOPE EAST ELEMENTARY SCHOOL
SUBJECT:	3 Mil
AGENDA DATE:	May 12, 2025

RECOMMENDED ACTION:

Presentation

BACKGROUND INFORMATION:

BUDGET IMPACT/FUNDING SOURCE:

GRANT:

LEGAL IMPACT:

FOLLOW UP IMPLEMENTATION:



CITY OF FAIRHOPE
AGENDA MEMORANDUM

Item ID: 2025-1465

FROM:	Kim Creech – CITY TREASURER
SUBJECT:	Mid-Year Financial Review
AGENDA DATE:	May 12, 2025

RECOMMENDED ACTION:

Presentation

BACKGROUND INFORMATION:

BUDGET IMPACT/FUNDING SOURCE:

GRANT:

LEGAL IMPACT:

FOLLOW UP IMPLEMENTATION:



CITY OF FAIRHOPE
AGENDA MEMORANDUM

Item ID: 2025-1480

FROM:	George Ladd – PUBLIC WORKS DIRECTOR
SUBJECT:	Grand & Bon Secour Drainage Project
AGENDA DATE:	May 12, 2025

RECOMMENDED ACTION:

Discussion

BACKGROUND INFORMATION:

BUDGET IMPACT/FUNDING SOURCE:

GRANT:

LEGAL IMPACT:

FOLLOW UP IMPLEMENTATION:

APRIL, 2025

N.T.S.

SANITARY SEWER	CITY OF FAIRHOPE
WATER	CITY OF FAIRHOPE
POWER	CITY OF FAIRHOPE
GAS	CITY OF FAIRHOPE



ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30673 Sp. E. J. "Booth" Thomas Drive Spanish Fort AL 36527 Phone: (251) 544-7900



4-01-25

DATE _____

NUMBER	REVISION:	DATE

UTILITY PLAN NOTES

1. THE CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER'S CONSTRUCTION SURVEILLANCE REPRESENTATIVE AND LOCAL JURISDICTIONAL INSPECTOR 48 HOURS BEFORE THE BEGINNING OF EACH PHASE OF CONSTRUCTION.
2. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES, AND ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER/DEVELOPER.
3. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERRORS HE DISCOVERS IN THE PLAN.
4. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER OR HIS REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE.
5. THE CONTRACTOR IS REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES.
6. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS ARE NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS, HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. CONTRACTOR TO CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE.
7. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBING CURBING, PAVING AND COMPACTED SUB-GRADE.
8. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES.
9. THE CONTRACTORS SHALL BE RESPONSIBLE FOR ANY DAMAGE DONE BY HIS EQUIPMENT TO EXISTING UTILITIES, CROSS DRAIN PIPES AND HEADWALLS.
10. THE CONTRACTOR SHALL EXPLORE AHEAD 200 FEET SO ADJUSTMENTS CAN BE MADE IN THE ALIGNMENT OF THE PIPE IN CASE OF CONFLICTS WITH EXISTING STRUCTURES, UTILITIES AND PIPING.
11. ALL EXCESS MATERIAL FROM EXCAVATION SHALL BE DEPOSED OF BY THE CONTRACTOR. COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING PIPE FROM FLOATING. IF PIPE FLOATS DURING CONSTRUCTION, THE CONTRACTOR SHALL RELAY PIPE TO GRADE AT HIS EXPENSE.
13. ALL PROPERTY LINE MARKERS (IRON PINS, CONCRETE MONUMENTS, ETC.) DESTROYED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF ALABAMA TO RESET PROPERTY MARKERS. THE COST FOR THIS WORK SHALL BE INCLUDED IN OTHER ITEMS OF WORK.
14. THE CONTRACTOR SHALL MEET OR EXCEED ALL REQUIREMENTS OF EACH UTILITIES' CONSTRUCTION SPECIFICATIONS.
15. MATERIALS AND INSTALLATION OF WATER MAIN & SERVICES SHALL BE PER THE REQUIREMENTS PER UTILITY PROVIDER.
16. MATERIALS AND INSTALLATION OF SEWER SHALL BE PER THE REQUIREMENTS PER UTILITY PROVIDER, UNLESS OTHERWISE NOTED.
17. AFTER THE PROPOSED GRAVITY SEWER SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM & SUBMIT TO THE OWNER, ARCHITECT, & ENGINEER FOR REVIEW. THE CONTRACTOR SHALL ALSO FILL MANHOLE ON ALL GRAVITY SEWER MAINS, IN ADDITION TO ALL OTHER TESTING REQUIREMENTS OF THE LOCAL UTILITY AUTHORITY.
18. THE CONTRACTOR SHALL PROVIDE AS-BUILT SHOTS OF ALL UTILITIES INSTALLED TO THE OWNER UPON COMPLETION.

GRADING AND DRAINAGE NOTES

1. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
2. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.
3. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
4. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.
5. COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF SIZE OF THEORETICAL MAXIMUM DRY DENSITY (MDD) BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED AT OR NEAR OPTIMUM MOISTURE. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL FILL MATERIAL AND COMPACTION REQUIREMENTS SHALL MEET THE GEOTECHNICAL REPORT PREPARED BY SOUTHERN EARTH SCIENCES, INC.
7. MAXIMUM SLOPE OF EMBANKMENT SHALL BE 3.0 FEET HORIZONTAL TO 1.0 FOOT VERTICAL, OR MATCH EXISTING.
8. PROPOSED CONTOUR INTERVALS ARE AS LABELED. ALL PROPOSED CONTOURS ARE FINISHED GRADES.
9. THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR RE-GRADING AS REQUIRED BY THE ENGINEER. EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE, NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
10. EXCESS EARTH CUT MATERIAL, IF ANY, SHALL BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE APPROVED TO BE PLACED ON SITE BY THE OWNER.
11. ALL STORM DRAINAGE PIPE SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.
12. ALL STORM DRAINAGE INLET STRUCTURES SHALL HAVE METAL FRAME AND COVER FOR ACCESS.
13. THE CONTRACTOR SHALL PROVIDE ANY EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
14. SOILS TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. THE SOILS ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER AND THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.
15. CONTRACTOR SHALL REMOVE ALL UNSUITABLE MATERIAL FROM LIMITS OF ROADWAY CONSTRUCTION AS DIRECTED BY AN INDEPENDENT GEOTECHNICAL-TECHNICAL ENGINEER. UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED.
16. CONTRACTOR TO VIDEO ALL EXISTING SEWER & DRAIN LINES TO ENSURE THEY ARE CLEAR & IN PROPER WORKING ORDER. VIDEO TO BE PROVIDED TO THE OWNER.
17. AFTER THE PROPOSED STORM DRAIN SYSTEM IS COMPLETED THE CONTRACTOR SHALL VIDEO THE SYSTEM & SUBMIT TO THE OWNER, ARCHITECT, & ENGINEER FOR REVIEW.
18. CONTRACTOR SHALL PROVIDE AS-BUILT SHOTS OF THE STORM DRAIN SYSTEM TO THE OWNER UPON COMPLETION.

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL DRAINAGE SWALES MUST BE GRASSED AND RIP-RAP MUST BE PLACED AS SHOWN TO CONTROL EROSION.
2. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, SAID REQUIREMENTS AS SHOWN BY THESE PLANS.
3. DISTURBED AREAS SHALL BE VEGETATED AFTER CONSTRUCTION. USE TEMPORARY SEASONAL SEEDING AND MULCHING ON GOING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656 RESPECTIVELY AND USE CENTIPEDE 500 FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.
4. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR OTHER EXCAVATION SPOIL, DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
5. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
 - A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOIL, DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
 - B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.
6. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK PROTECTION AND STABILIZATION SHALL BE REQUIRED AS PER LOCAL JURISDICTIONAL EROSION LAWS.
7. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED. CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE.
8. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
9. CONSTRUCT SILT FENCE ALONG THE DOWNSTREAM SIDE OF ALL PROPOSED FILL CONSTRUCTION.
10. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
12. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS 1/3 OF THE HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE DETENTION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE WEIR.
13. ALL EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION IN ACCORDANCE WITH EASEMENT PLATS PRIOR ACCEPTANCE.
14. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
15. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
16. TREE PROTECTION AND EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
17. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER AND DETENTION FACILITIES ARE CONSTRUCTED.
18. ALL SEDIMENT CONTROL DEVICES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
19. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS POSSIBLE WITH SEASONAL TEMPORARY SEEDING AND MULCHING AS PER ALDOT STANDARD SPEC. SECTIONS 652 AND 656.
20. ALL SLOPES SHALL BE STABILIZED AS SOON AS POSSIBLE.
21. GRASS AREAS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED WITH GRASS IN KIND. IN AREAS OF INDESTRUCTIBLE GRASSES USE CENTIPEDE 500 FOR PERMANENT GRASSING AS PER ALDOT STANDARD SPEC. SECTION 654.
22. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM REQUIRED MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL DEVICES TO ENSURE THEIR FUNCTION AT ALL TIMES.
23. IF HEAVY RAINFALL IS PREDICTED, CONTRACTOR SHALL INSPECT EROSION CONTROL ITEMS WITH ENGINEER PRIOR TO EVENT. IF AT ALL POSSIBLE, ANY IMPROVEMENTS, CLEANING, OR ADJUSTMENTS THAT ARE REQUIRED PRIOR TO EVENT SHALL BE GIVEN FULL URGENCY AS MUCH IS POSSIBLE.

SITE NOTES

1. ALL CONCRETE SHALL BE CLASS A, 3,000 PSI AT 28 DAYS COMPRESSIVE STRENGTH WITH A MAXIMUM SLOPE OF 4" UNLESS NOTED OTHERWISE. ALL EXPOSED CONCRETE TO HAVE A FINE BROOM FINISH.
2. ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER OR TENANT.
3. ALL DIMENSIONS ARE FACE OF CURB OR AS NOTED.
4. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI, SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. THE PROJECT WILL REQUIRE ROAD CLOSURE/ TRAFFIC CONTROL SCHEME.
5. SPECIAL CARE SHALL BE GIVEN WHILE WORKING NEAR PRIVATE RESIDENCES, ANY DAMAGES TO OR ADJACENT TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
6. IF ANY CONFLICTS EXIST BETWEEN APPLICABLE ACCESSIBILITY CODES, STANDARDS AND GUIDELINES THE CODES, STANDARDS, AND GUIDELINES PROVIDING THE GREATER DEGREE OF ACCESSIBILITY TAKE PRECEDENCE AS PER HUD MAP CHAPTER 5 GUIDELINES.
7. ALL ACCESSIBILITY CODES, STANDARDS AND GUIDELINES USED FOR THE PROJECT DESIGN MUST BE INCLUDED WITHIN THE CODE SUMMARY.

ON-SITE CONTACT:

ENGINEER: SAWGRASS CONSULTING, LLC.
(251) 544-7900 (OFFICE)
(251) 544-7918 (FAX)

NUMBER	REVISION	DATE

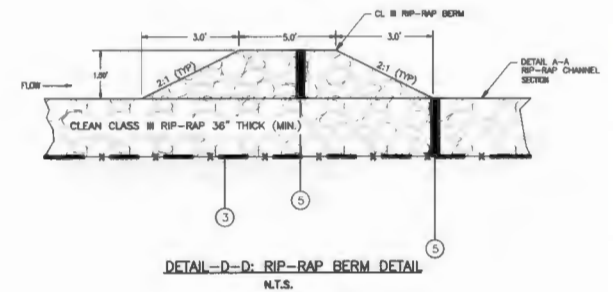


PROJECT NOTES	DATE: APRIL, 2025
DRAINAGE REPAIRS & IMPROVEMENTS	DRAWN BY: BAT
CITY OF FAIRHOPE	CHECKED BY: JHR
	SHEET: 02 OF 11



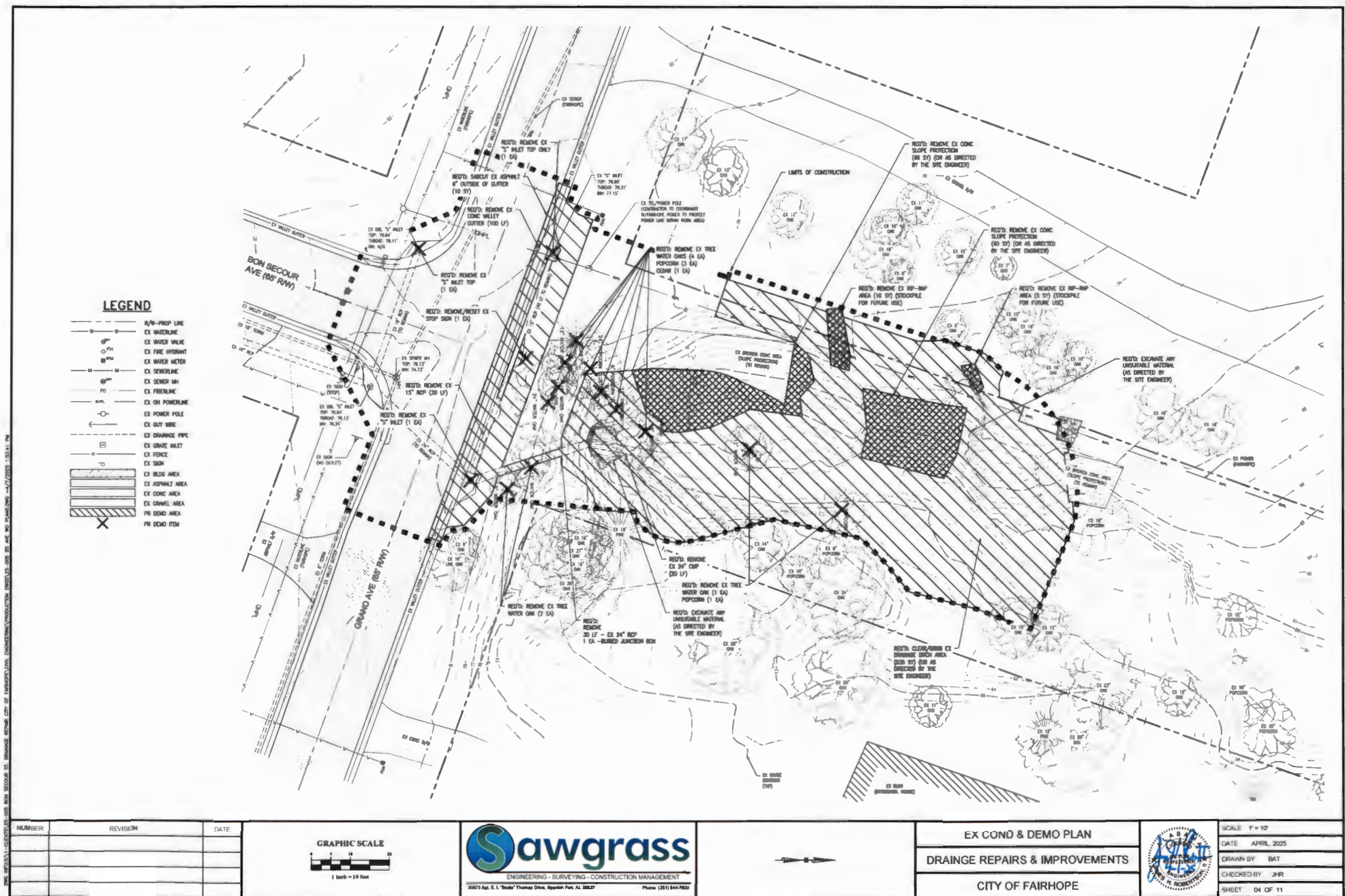


- | | |
|--|----------|
| ① UNCLASSIFIED EXCAVATION | PER C.Y. |
| ② BACKFILL EXCAVATION (AS MIXED)
(CLAY- SAND, 30% SUE PASSING #200 SIEVE)
(4:1 MAXIMUM) | PER C.Y. |
| ③ GEOTEXTILE FABRIC, 8 OZ (DOW-HOWARD)
200% MIN. GRAB TENSILE STRENGTH
80% MIN. TEAR TENSILE STRENGTH (DOUBLE LINED) | PER S.Y. |
| ④ CLASS II RIP-RAP, 18" THICK | PER TON |
| ⑤ CLASS II RIP-RAP, 36" THICK | PER TON |
| ⑥ TOPSOIL, 4" THICK | PER C.Y. |
| ⑦ EROSION CONTROL, BLANKET | PER S.Y. |
| ⑧ SEEDING | PER ACRE |
| ⑨ MULCHING | PER ACRE |
| ⑩ SOLID SOIL | PER S.Y. |



DATE	APRIL, 2025
DRAWN BY	BAT
CHECKED BY	JHK
SHEET	03 OF 11

PROJECT: BOND STREET - CONSTRUCTION OF IMPROVEMENTS, DRAINAGE REPAIRS & DEMO PLAN, BON SECOURS AVE (85' RW) - 4/27/2025 - 15.11.25



LEGEND

	1/2\"/>
	EX WATERLINE
	EX WATER METER
	EX FINE WIDENET
	EX SCHEDULE
	EX SCHEDULE 84
	EX FIBERLINE
	EX OH POWERLINE
	EX OH POWER POLE
	EX CUY WIRE
	EX DRAINAGE PIPE
	EX GROUND INLET
	EX FORCE
	EX SIGN
	EX BLDG AREA
	EX ASPHALT AREA
	EX CONC AREA
	EX GRASS AREA

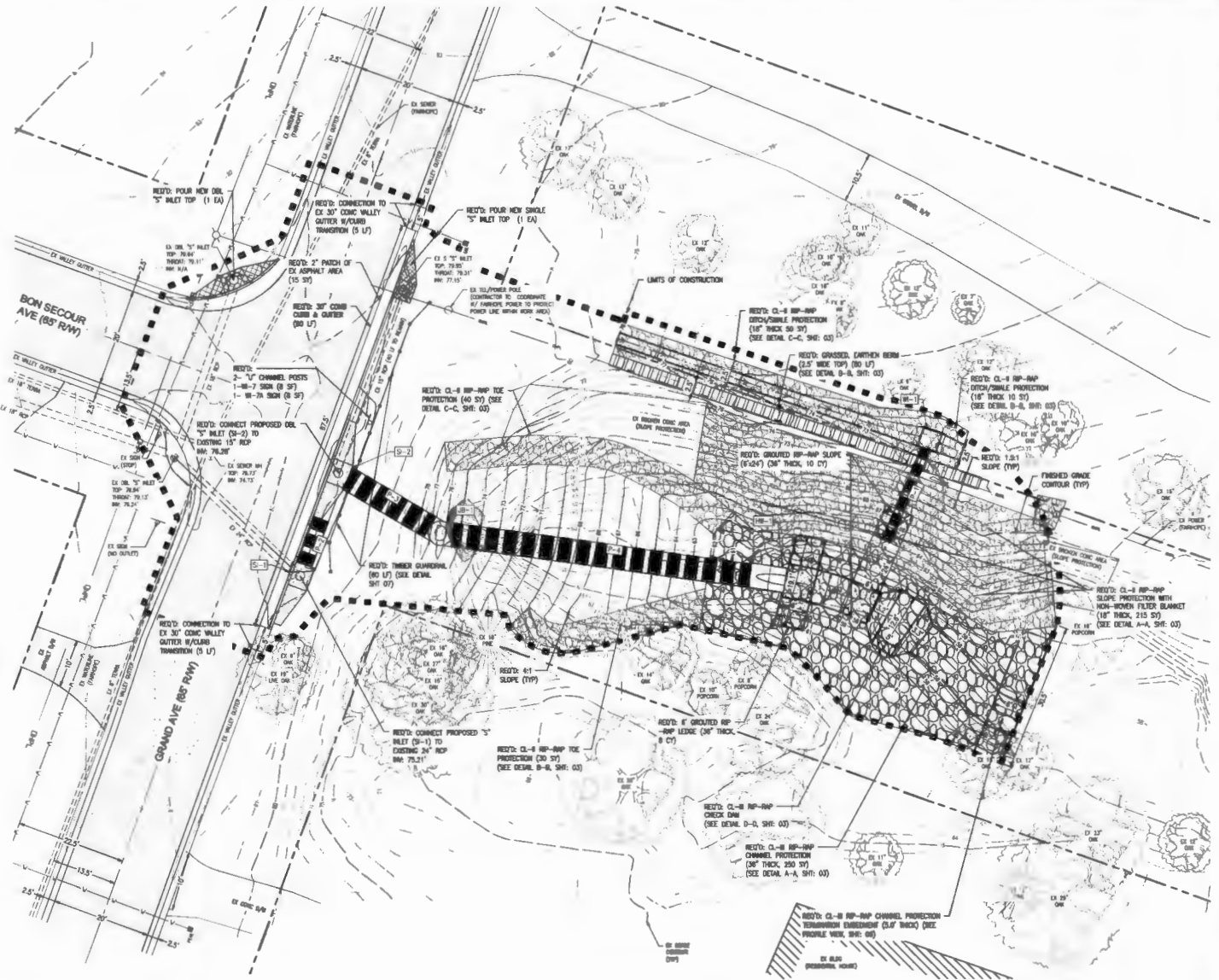
JUNCTION BOX SCHEDULE				
NAME	RIM EL.	INV IN	INV OUT	
JB-1	76.33	70.00 (P-3)	59.23 (P-4)	

HEADWALL STRUCTURE SCHEDULE	
NAME	INVERT
HW-1	58.18 (P-4)

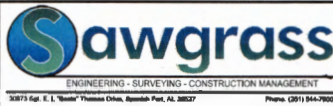
MANHOLE SCHEDULE				
NAME	RIM EL.	THROAT EL.	INV IN	INV OUT
MM-1	72.81	71.91		65.00 (P-1)
48 x 48 inch Rectangular Structure				

S-INLET SCHEDULE				
NAME	RIM EL.	THROAT EL.	INV IN	INV OUT
SI-1	80.04	79.04	75.21 (P-CI-3)	74.71 (P-2)
48 x 48 inch Rectangular Structure				
SI-2	79.81	78.81	73.94 (P-2)	71.50 (P-3)
60 x 60 inch Rectangular Structure				

PIPE SCHEDULE				
PIPE NAME	SIZE	SLOPE	LENGTH	INV. IN
P-1	18 inch Concrete Pipe	4.41%	21 L.F.	65.00
P-2	30 inch Concrete Pipe	3.42%	18 L.F.	74.71
P-3	48 inch Concrete Pipe	6.15%	30 L.F.	71.50
P-4	48 inch Concrete Pipe	1.50%	87 L.F.	59.23



NUMBER	REVISION	DATE



SITE PLAN
DRAINAGE REPAIRS & IMPROVEMENTS
CITY OF FAIRHOPE



SCALE: 1" = 10'
DATE: APRIL, 2025
DRAWN BY: BAT
CHECKED BY: JHB
SHEET: 05 OF 11

LEGEND



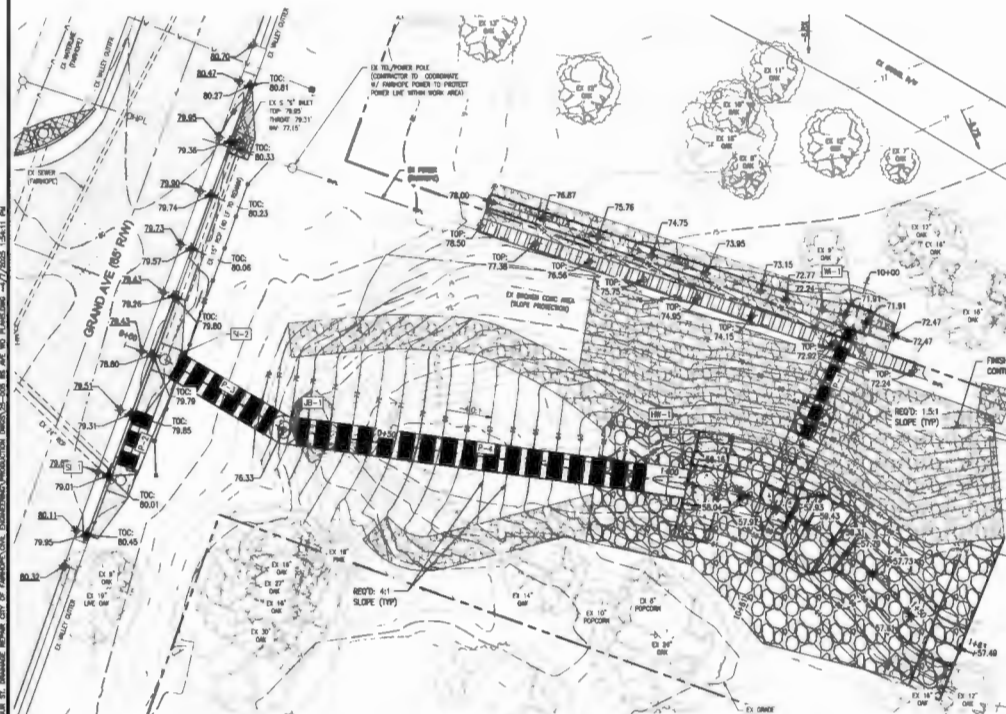
PIPE NAME	SIZE	SLOPE	LENGTH	R/W IN	R/W OUT
P-1	18 inch Concrete Pipe	4.41%	21 L.F.	85.00	64.00
P-2	30 inch Concrete Pipe	3.43%	18 L.F.	74.71	73.94
P-3	48 inch Concrete Pipe	6.13%	20 L.F.	71.50	70.00
P-4	48 inch Concrete Pipe	1.50%	67 L.F.	58.33	56.16

NAME	INVERT
HW-1	58.16 (P-4)

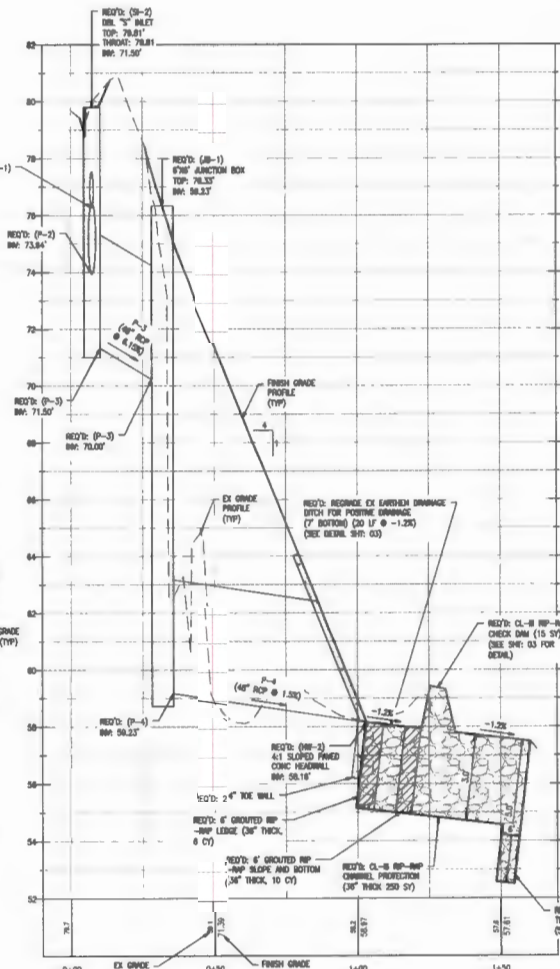
NAME	R/W EL	R/W IN	R/W OUT
JB-1	76.33	70.00 (P-3)	58.33 (P-4)

NAME	R/W EL	THROAT EL	R/W IN	R/W OUT
WI-1	78.81	71.81		85.00 (P-1)

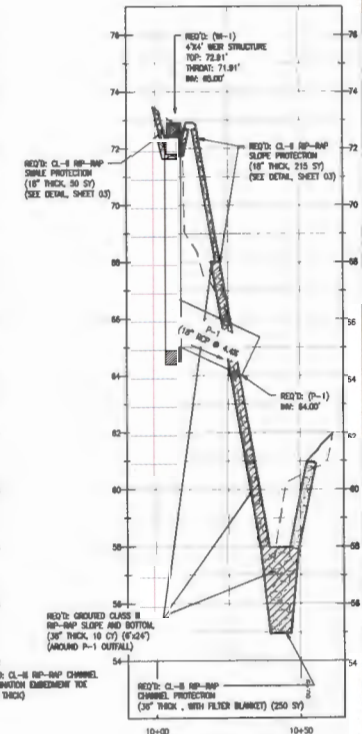
NAME	R/W EL	THROAT EL	R/W IN	R/W OUT
SI-1	85.04	79.04	79.21 (P-EX-2)	74.71 (P-2)
SI-2	79.81	78.81	73.94 (P-2)	76.38 (P-EX-1)



MAIN & SIDE DITCH-LINE
PLAN VIEW
1" = 10'



MAIN DITCH-LINE
PROFILE VIEW
1" = 2'H 1" = 20'V



SIDE DITCH-LINE
PROFILE VIEW
1" = 2'H 1" = 20'V

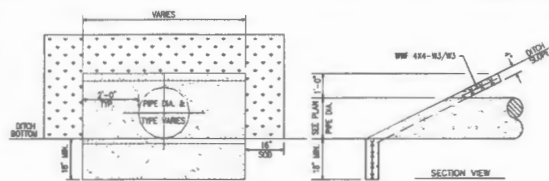
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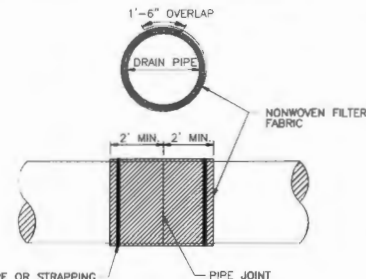
DRAINAGE PLAN & PROFILE
DRAINAGE REPAIRS & IMPROVEMENTS
CITY OF FAIRHOPE



SCALE: 1" = 10'
DATE: APRIL 2025
DRAWN BY: BAT
CHECKED BY: JHR
SHEET: 08 OF 11

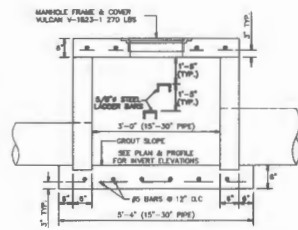


CONCRETE SLOPED HEADWALL DETAIL
N.T.S.

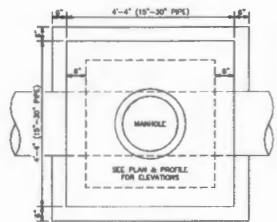


NOTE:
JOINTS ON ALL STORM DRAIN PIPES SHALL
BE PIPE WRAPPED WITH A NON-WOVEN
FILTER FABRIC AS SHOWN IN THIS DETAIL.

PIPE JOINT WRAP
N.T.S.



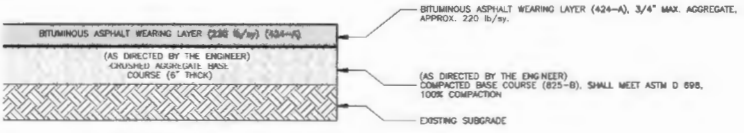
TYPICAL SECTION



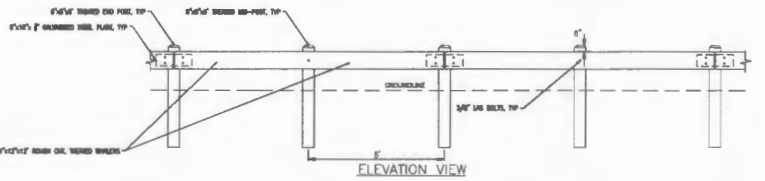
PLAN VIEW

JUNCTION BOX DETAIL
N.T.S.

NOTE: STEPS REQUIRED FOR BOX HEIGHTS 4'-0" AND GREATER.



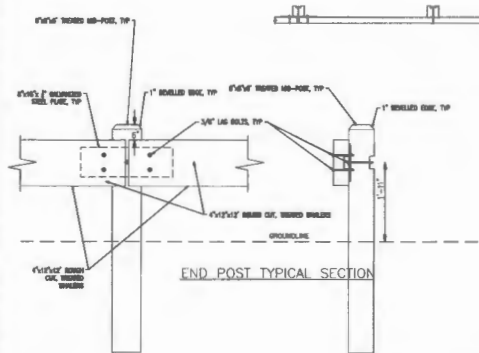
ASPHALT REPAIR SECTION (IF REQUIRED)
N.T.S.



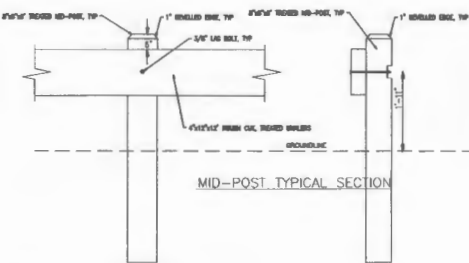
ELEVATION VIEW



PLAN VIEW

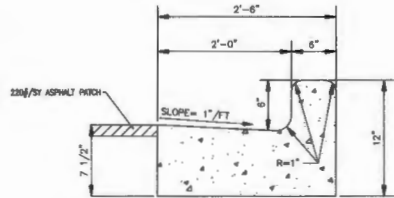


END POST TYPICAL SECTION

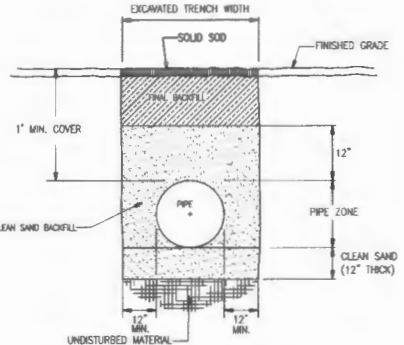


MID-POST TYPICAL SECTION

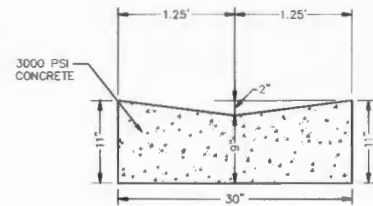
1. ALL THREE COMPONENTS SHALL BE #1 GRADE SOUTHERN PINE, S4S, IN ACCORDANCE WITH SOUTHERN PINE INSPECTION BUREAU (SPIB) AND CDB PROCEDURE REQUIRED IN ACCORDANCE WITH AMERICAN WOOD PRESERVERS (AWPA) SHOWING C14 TO A MINIMUM NET SECTION OF 0.80/SQ.FT.
2. ALL SPIB SHOCKING AND SPLICE PLATES SHALL BE ASTM A500 WEATHERING STEEL.
3. ALL FASTENERS SHALL CONFORM TO THE FOLLOWING WITH SPECIFICATIONS, CARPENTRY BOLTS, AND (4042) WEATHERING, NAILS, ADD TYPE ONE, WOODS, FIVE TYPE 3, LAG BOLDS, 4/8"
4. IF SHOULDER SLOPE IS STEEPER THAN 10:1 OR IF SLOPE GRADIENT IS LESS THAN 2" RISING EACH OF POST, INCREASE POST LENGTH TO 7' OR 8', AS REQUIRED.



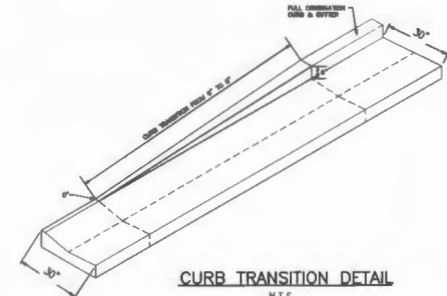
30" CURB & GUTTER DETAIL
(TYPE "C" MODIFIED)
N.T.S.



PIPE TRENCH BACKFILL DETAIL
N.T.S.



TYPE "W-12" MODIFIED
CONCRETE VALLEY GUTTER
N.T.S.



CURB TRANSITION DETAIL
N.T.S.

NUMBER	REVISION	DATE

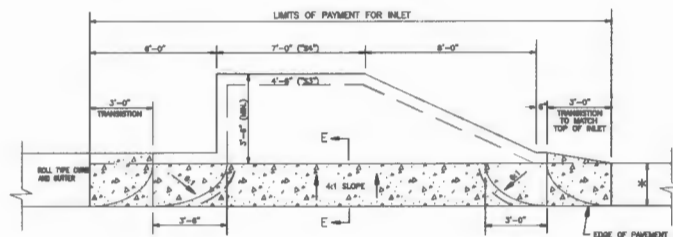
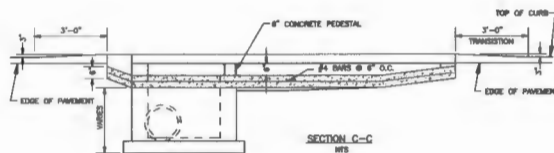
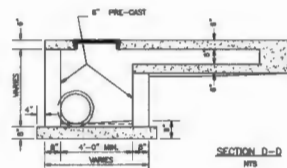
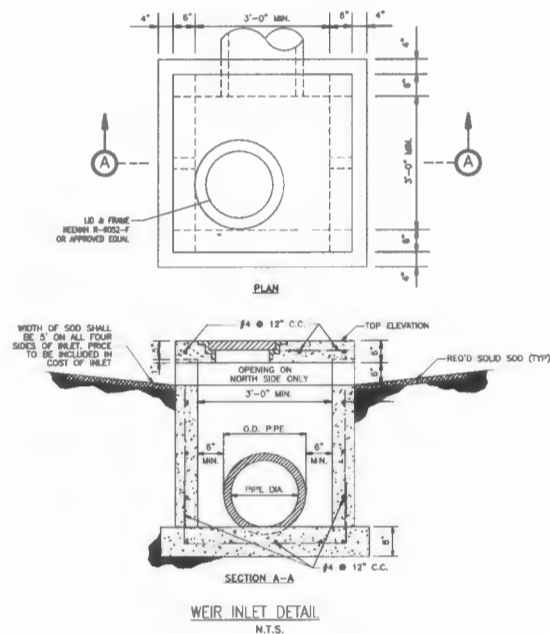
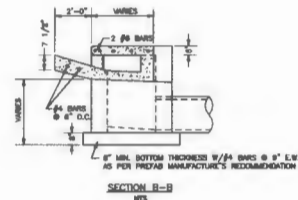
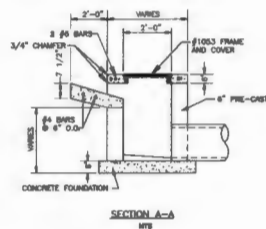
Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
38073 Hwy. 8, E. L. "Tom" Thomas Drive, Suite 101, 28027 Phone (252) 344-7000

CIVIL CONSTRUCTION DETAILS 1
DRAINAGE REPAIRS & IMPROVEMENTS
CITY OF FAIRHOPE

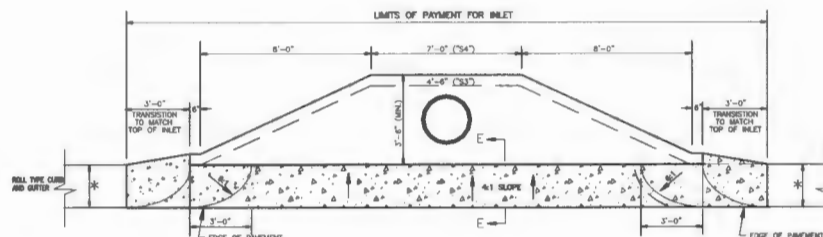


DATE: APRIL, 2025
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CHECKED BY: JMR
SHEET: 07 OF 11

DETAIL OF SINGLE WING - TYPE "S" INLET



TRANSITION FROM ROLL TYPE CONCRETE
CURB AND GUTTER TO TYPE "S" INLET
TYPE "S" INLET



DETAIL OF DOUBLE WING - TYPE "S" INLET

THE 3' TRANSITION IS TO BE CONSTRUCTED OF CONCRETE AND TO BE POURED AT THE SAME TIME AS THE CONCRETE SPURWAY. ANY COST FOR CONSTRUCTING THE 3' TRANSITION IS TO BE INCLUDED IN THE PRICE BID FOR INLETS.

THIS DETAIL AND SECTIONS ARE SUPPLEMENTAL
TO REINFORCED CONCRETE SEWER INLET TYPE
"33" AND "34" OF STATE OF ALABAMA DEPARTMENT
OF TRANSPORTATION SPECIAL AND STANDARD
DEPARTMENT OF TRANSPORTATION DRAWINGS 2006 EDITION.

*SEE CURB AND GUTTER
DETAIL FOR THIS DIMENSION

CURB TRANSITION DETAIL

NUMBER	REVISION	DATE



CIVIL CONSTRUCTION DETAILS 2

DRAINAGE REPAIRS & IMPROVEMENTS

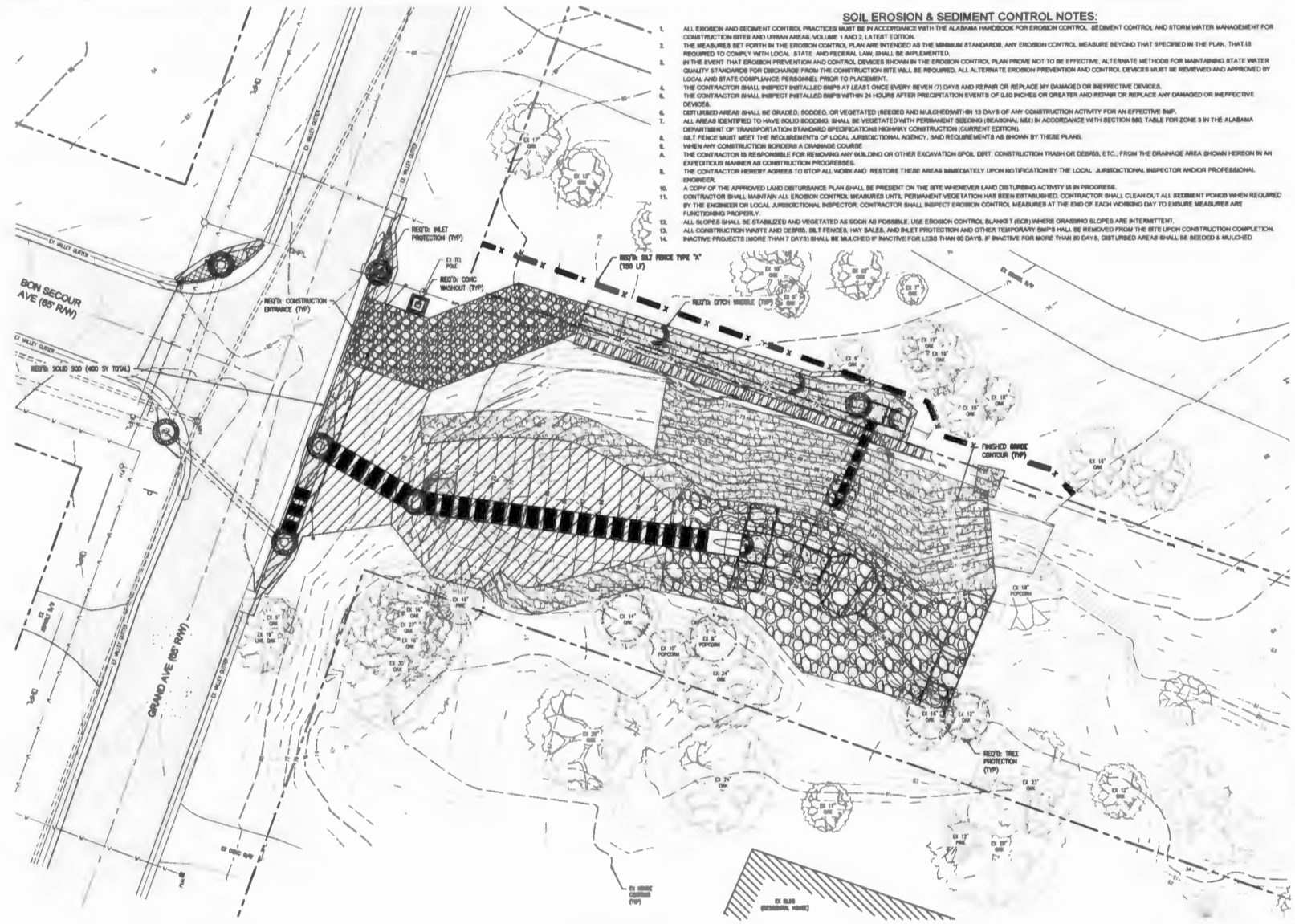
CITY OF FAIRHOPE



DATE	APRIL, 2025
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SHEET:	08 OF 11

1000 MICROPLANS, C:\CADD\1000-000 BON SECOUR ST DRAINAGE ESTIMATE CITY OF FAIRHOPE.DWG, P:\DWG\1000-000 BON SECOUR ST DRAINAGE - 4/27/2025 1:44:31 PM

LEGEND
PR INLET/CURB/BATTLE
PR DITCH CHECK BATTLE
PR CONC. INCHMENT
PR SILT FENCE
PR CONSTRUCTION DRAINAGE
PR SOLID SOD AREA



- SOIL EROSION & SEDIMENT CONTROL NOTES:**
1. ALL EROSION AND SEDIMENT CONTROL PRACTICES MUST BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT FOR CONSTRUCTION SITES AND URBAN AREAS, VOLUME 1 AND 2, LATEST EDITION.
 2. THE MEASURES SET FORTH IN THE EROSION CONTROL PLAN ARE INTENDED AS THE MINIMUM STANDARDS. ANY EROSION CONTROL MEASURE BEYOND THAT SPECIFIED IN THE PLAN, THAT IS REQUIRED TO COMPLY WITH LOCAL, STATE, AND FEDERAL LAW, SHALL BE IMPLEMENTED.
 3. IN THE EVENT THAT EROSION PREVENTION AND CONTROL DEVICES SHOWN IN THE EROSION CONTROL PLAN PROVE NOT TO BE EFFECTIVE, ALTERNATE METHODS FOR MAINTAINING STATE WATER QUALITY STANDARDS FOR DISCHARGE FROM THE CONSTRUCTION SITE SHALL BE REQUIRED. ALL ALTERNATE EROSION PREVENTION AND CONTROL DEVICES MUST BE REVIEWED AND APPROVED BY LOCAL AND STATE COMPLIANCE PERSONNEL PRIOR TO IMPLEMENTATION.
 4. THE CONTRACTOR SHALL INSPECT INSTALLED BMPs AT LEAST ONCE EVERY SEVEN (7) DAYS AND REPAIR OR REPLACE IF DAMAGED OR INEFFECTIVE DEVICES.
 5. THE CONTRACTOR SHALL INSPECT INSTALLED BMPs WITHIN 24 HOURS AFTER PRECIPITATION EVENTS OF 0.50 INCHES OR GREATER AND REPAIR OR REPLACE ANY DAMAGED OR INEFFECTIVE DEVICES.
 6. DISTURBED AREAS SHALL BE GRADED, SOILED, OR VEGETATED (SEEDED AND MULCHED) WITHIN 15 DAYS OF ANY CONSTRUCTION ACTIVITY FOR AN EFFECTIVE BMP.
 7. ALL AREAS IDENTIFIED TO HAVE SOIL SODDING SHALL BE VEGETATED WITH PERMANENT SEEDING (SEASONAL SEED) IN ACCORDANCE WITH SECTION 805, TABLE FOR ZONE 3 IN THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS HIGHWAY CONSTRUCTION (CURRENT EDITION).
 8. SILT FENCE MUST MEET THE REQUIREMENTS OF LOCAL JURISDICTIONAL AGENCY, (SAD REQUIREMENTS AS SHOWN BY THESE PLANS).
 9. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
A. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPILL, DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREA SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
B. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE LOCAL JURISDICTIONAL INSPECTOR AND/OR PROFESSIONAL ENGINEER.
 10. A COPY OF THE APPROVED LAND DISTURBANCE PLAN SHALL BE PRESENT ON THE SITE WHEREVER LAND DISTURBING ACTIVITY IS IN PROGRESS.
 11. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDING WHEN REQUIRED BY THE ENGINEER OR LOCAL JURISDICTIONAL INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
 12. ALL SLOPES SHALL BE STABILIZED AND VEGETATED AS SOON AS POSSIBLE. USE EROSION CONTROL BLANKET (ECB) WHERE GRASSING SLOPES ARE INTERMITTENT.
 13. ALL CONSTRUCTION WASTE AND DEBRIS, SILT FENCES, HAY BALES, AND BALET PROTECTION AND OTHER TEMPORARY BMPs SHALL BE REMOVED FROM THE SITE UPON CONSTRUCTION COMPLETION.
 14. INACTIVE PROJECTS (MORE THAN 7 DAYS) SHALL BE MULCHED IF INACTIVE FOR LESS THAN 60 DAYS. IF INACTIVE FOR MORE THAN 60 DAYS, DISTURBED AREAS SHALL BE SEEDED & MULCHED.

NUMBER	REVISION	DATE



Sawgrass
ENGINEERING - SURVEYING - CONSTRUCTION MANAGEMENT
30873 Apt. E. L. "Todd" Thomas Drive, Spanish Fort AL 36587
Phone: (251) 944-7955



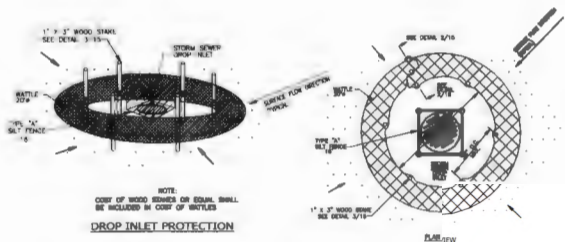
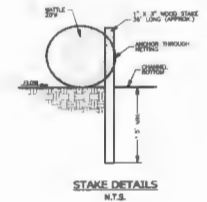
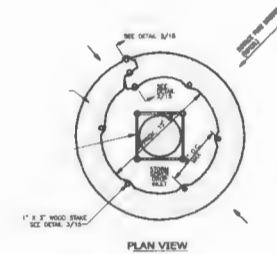
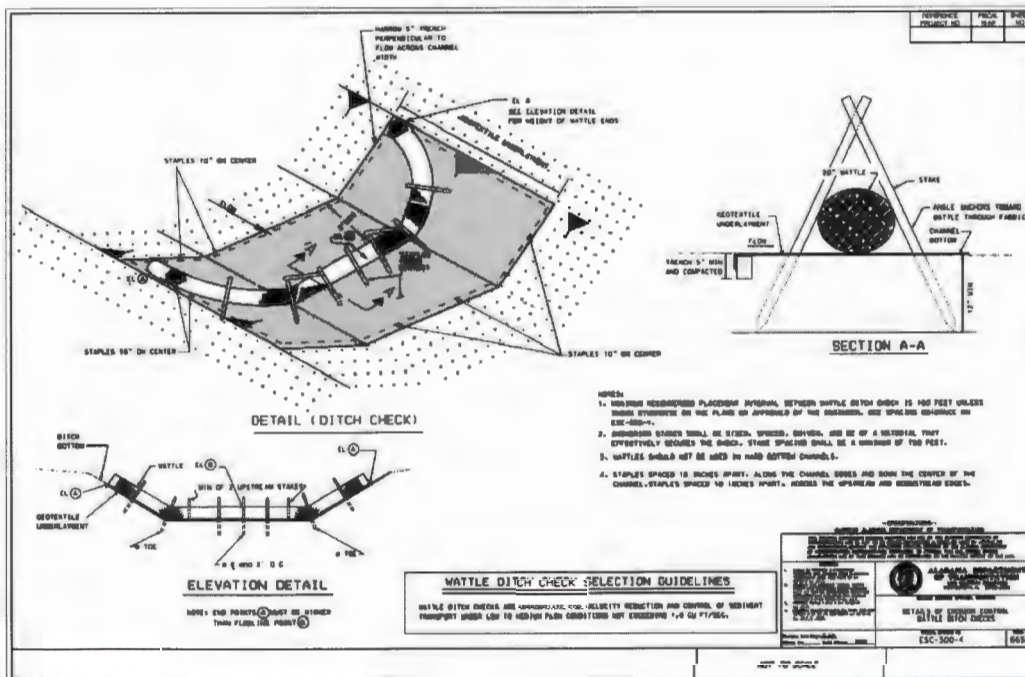
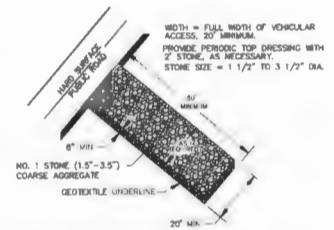
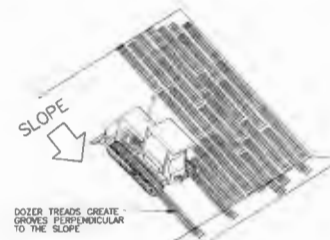
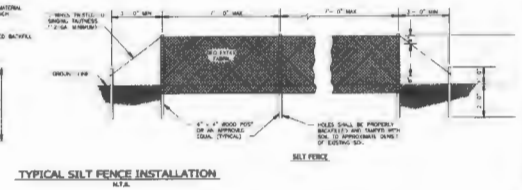
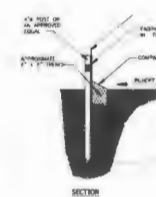
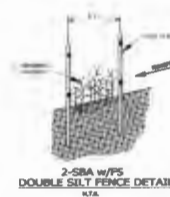
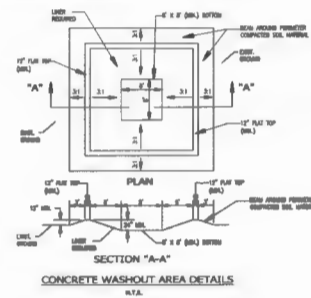
EROSION CONTROL PLAN

DRAINAGE REPAIRS & IMPROVEMENTS

CITY OF FAIRHOPE



SCALE: 1" = 10'
DATE: APRIL 2025
DRAWN BY: BAT
CHECKED BY: JHB
SHEET: 00 OF 11



NUMBER	REVISION	DATE



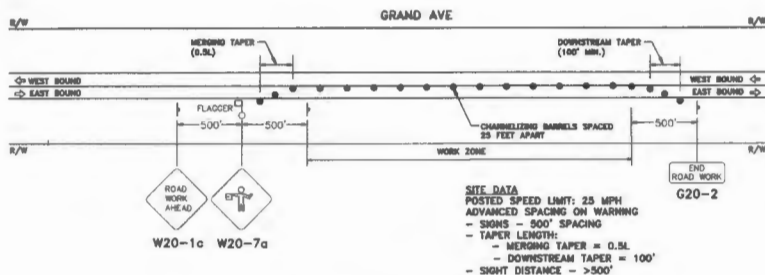
EROSION CONTROL DETAILS

DRAINAGE REPAIRS & IMPROVEMENTS

CITY OF FAIRHOPE



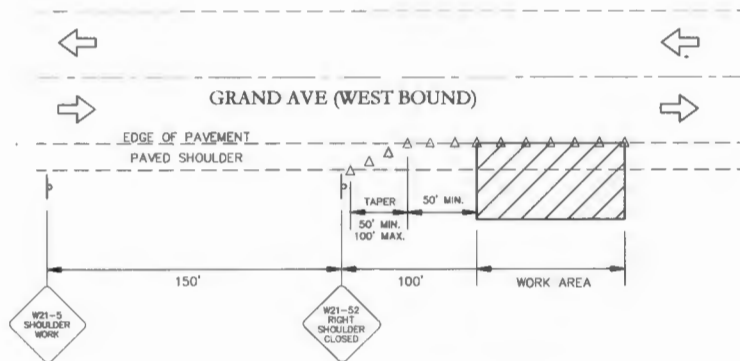
DATE: APRIL, 2025
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SHEET 10 OF 11



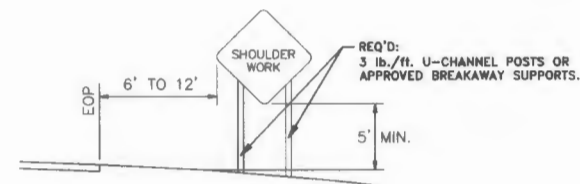
ONE LANE CLOSURE
TRAFFIC CONTROL PLAN
N.T.S.

TRAFFIC CONTROL DEVICES:

1. TRAFFIC CONTROL DEVICES SHOWN ARE CONSIDERED TO BE THE MINIMUM REQUIRED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADDITIONAL TRAFFIC CONTROL DEVICES OTHER THAN THOSE SHOWN WHEN ROADWAY & TRAFFIC CONDITIONS WARRANT.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED AT THE COMPLETION OF THE WORK WHEN THE WORK AREA IS OPEN TO TRAFFIC.
3. ALL TRAFFIC CONTROL DEVICES THAT ARE NOT APPLICABLE AT ANY SPECIFIC TIME SHALL BE COVERED OR REMOVED.
4. ALL VEHICLES, EQUIPMENT & WORKERS (EXCLUDING FLAGGERS) AND THEIR ACTIVITIES SHOULD BE RESTRICTED TO ONE SIDE OF THE ROADWAY.
5. PARKED VEHICLES SHALL NOT BLOCK THE LINE OF SIGHT TO NORMAL SIGNS LOCATIONS.
6. THE SPACING BETWEEN CHANNELIZING DEVICES IN A WORK AREA SHALL BE 40' MAXIMUM.
7. CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
8. DRUMS MAY BE SUBSTITUTED FOR CONES.
9. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED AS THE WORK AREA CHANGES.
10. DIMENSIONS SHOWN HEREON MAY BE ADJUSTED TO FIT FIELD CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
11. ALL CONSTRUCTION SIGNS SHALL MEET ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION.
12. TRAFFIC CONTROL DEVICES SHALL MEET ALL GUIDELINES OF THE M.U.T.C.D., LATEST EDITION.



TRAFFIC CONTROL PLAN - SHOULDER CLOSURE
N.T.S.



TYPICAL SIGN INSTALLATION
(ALL TEMPORARY TRAFFIC CONTROL
CONSTRUCTION SIGNS)
N.T.S.

NUMBER	REVISION	DATE



TRAFFIC CONTROL DETAILS
DRAINAGE REPAIRS & IMPROVEMENTS
CITY OF FAIRHOPE



DATE	APR 1, 2025
DRAWN BY	BAT
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SHEET	11 OF 11