Sunshine
Water Control District

REGULAR MEETING AGENDA

October 12, 2022

SUNSHINE
WATER CONTROL DISTRICT

AGENDA
LETTER

Sunshine
Water Control District

October 5, 2022

ATTENDEES:
Please identify yourself each time you speak to facilitate accurate transcription of meeting minutes.

Board of Supervisors
Sunshine Water Control District

Dear Board Members:

The Board of Supervisors of the Sunshine Water Control District will hold a Regular Meeting on October 12, 2022, at 6:30 p.m., at the La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065. The agenda is as follows:

1. Call to Order

2. Roll Call

3. Pledge of Allegiance

4. Public Comments **[3-Minute Time Limit]** *(Comments should be made from the microphone to ensure recording. Please state your name prior to speaking.)*

5. Discussion: SWCD 2Q-2022 Fiduciary Investment Review

6. Acceptance of Unaudited Financial Statements as of August 31, 2022

7. Approval of September 14, 2022 Public Hearings and Regular Meeting Minutes

8. Supervisors' Communications

9. Staff Reports

    A. District Counsel: *Lewis, Longman & Walker, P.A.*

    B. District Engineer: *Craig A. Smith & Associates*

        I. Presentation: Monthly Engineer's Report

        II. Permit Application(s)

            a. Re-Issue Permit 2020-14: Flora Fine Foods, 12400 NW 35th Street (Permit Modification)

            b. Langan Engineering and Environmental Services on Behalf of Sawgrass Place Owner, LLC, NW 39th St/NW 120th Avenue

c. FG Construction, LLC on Behalf of Broward County Board of County Commissioners, Atlantic Blvd. Bridge

C. District Engineering Consultant: *John McKune*

D. District Field Supervisor: *Cory Selchan*

- Continued Discussion: City of Coral Springs Tree Memorial Program/Plaque for Daniel Prudhomme

E. District Manager: *Wrathell, Hunt & Associates, LLC*

- NEXT MEETING DATE: November 9, 2022 at 6:30 P.M.
  - QUORUM CHECK

Joe Morera	☐ In Person	☐ Phone	☐ No
Ivan Ortiz	☐ In Person	☐ Phone	☐ No
Ed Khouri	☐ In Person	☐ Phone	☐ No

10. Public Comments

11. Adjournment

Should you have any questions, please contact me directly at (561) 346-5294 or Jamie Sanchez at (561) 512-9027.

FOR BOARD MEMBERS AND STAFF TO ATTEND BY TELEPHONE
CALL-IN NUMBER: 1-888-354-0094
PARTICIPANT PASSCODE: 131 733 0895

Sincerely,
Cindy Cerbone
Cindy Cerbone
District Manager

SUNSHINE
WATER CONTROL DISTRICT

5

Fiduciary Investment Review™

Prepared for:
Sunshine Water Control District

Prepared by:

Presented by:
Brad L. Larsen, AIF, CHSA, C(k)P, PRP
Managing Director – Southeast Region

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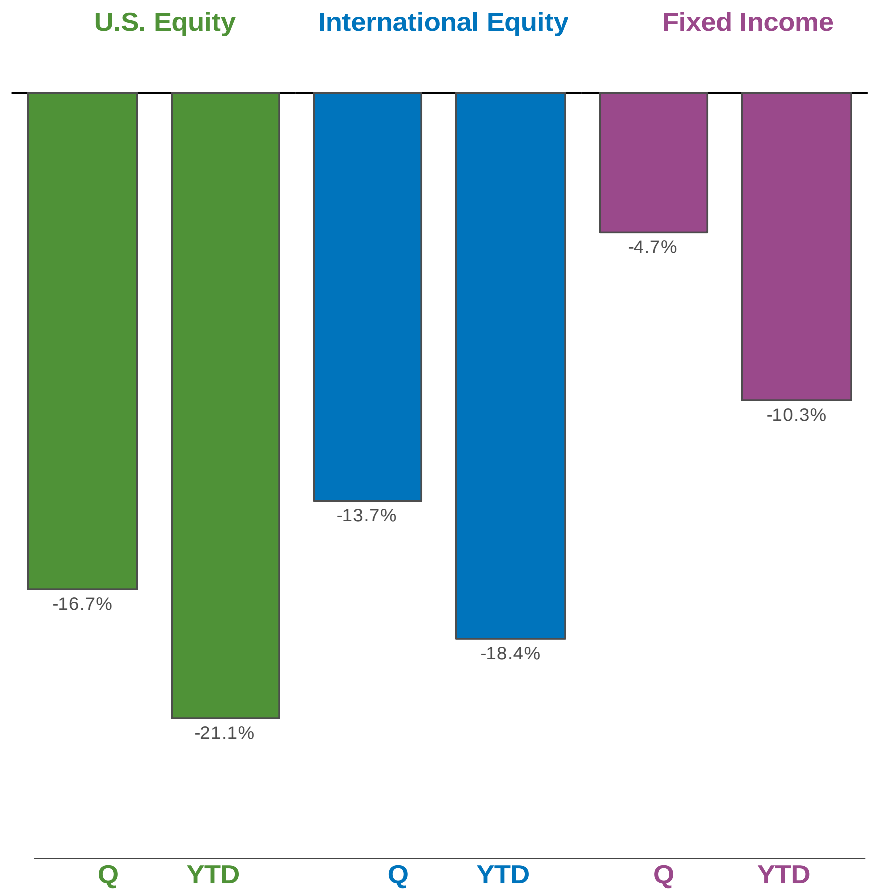
Table of Contents

Q2 2022 Market Review

SUMMARY

- U.S. equity markets declined sharply in the second quarter, falling 16.7% (Russell 3000) on persistent inflation, rising interest rates and slowing global growth.
- International equities fell to a lesser extent, posting a 13.7% loss over the quarter (MSCI ACWI ex U.S.).
- The broad U.S. fixed income market provided little shelter from the storm, down 4.7% (Bloomberg Barclays Aggregate) as interest rates rose during the quarter.
- Despite cooling economic growth, the U.S. labor market remained tight during the quarter with unemployment at 3.6% in June.
- Large cap value stocks held up relatively better, with the Russell 1000 Value outperforming the Russell 1000 Growth by over 8 percentage points this quarter.
- The Federal Reserve raised interest rates 125 basis points during the quarter. Additionally, the Fed expects further rate hikes in 2022 to combat inflation.

TRAILING RETURNS (6/30/2022)



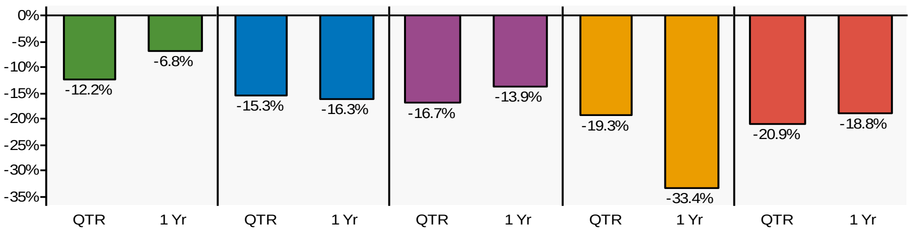
Quarterly and year-to-date returns of the following indices: U.S. Equity (Russell 3000 Index), Fixed Income (Bloomberg Barclays U.S. Aggregate Bond Index) and International Equity (MSCI ACWI ex U.S. Index)

Q2 2022 Market Review

U.S. EQUITY

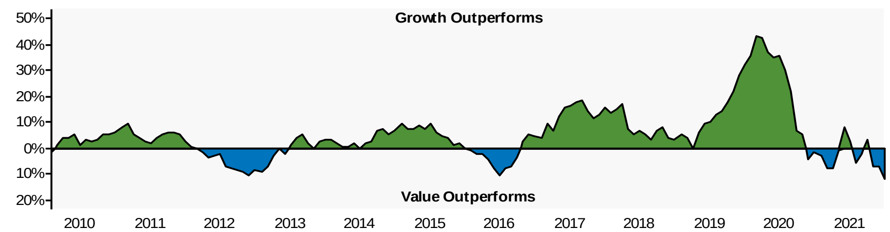
- The broad U.S. equity market, as measured by the Russell 3000 Index, was down 16.7% for the quarter.
- The best performing U.S. equity index for the quarter was Russell 1000 Value, returning a negative 12.2%.
- The worst performing U.S. equity index for the quarter was Russell 1000 Growth, returning a negative 20.9%.

INDEX PERFORMANCE (sorted by trailing quarterly performance)



	QTR	YTD	1 Yr	3 Yr	5 Yr	10 Yr
Russell 1000 Value	-12.2	-12.9	-6.8	6.9	7.2	10.5
Russell 2000 Value	-15.3	-17.3	-16.3	6.2	4.9	9.1
Russell 3000	-16.7	-21.1	-13.9	9.8	10.6	12.6
Russell 2000 Growth	-19.3	-29.5	-33.4	1.4	4.8	9.3
Russell 1000 Growth	-20.9	-28.1	-18.8	12.6	14.3	14.8

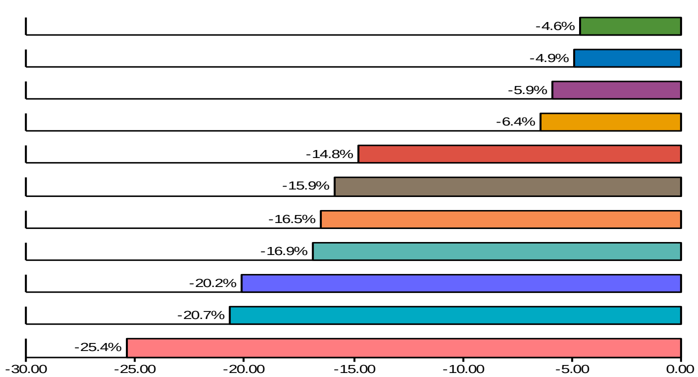
GROWTH VS. VALUE



Over the last year, value stocks outperformed growth stocks by 12.00%.
For the trailing quarter, value stocks outperformed growth stocks by 8.70%.

The graph above is plotted using a rolling one-year time period. Growth stock performance is represented by the Russell 1000 Growth Index. Value stock performance is represented by the Russell 1000 Value Index.

SECTOR (sorted by trailing quarterly performance)



	QTR	YTD	1 Yr	3 Yr	5 Yr	10 Yr
Consumer Staples	-4.6	-5.7	5.8	10.8	8.7	10.7
Utilities	-4.9	-0.7	13.6	8.3	9.4	10.6
Energy	-5.9	30.9	38.1	9.6	6.3	3.6
Health Care	-6.4	-9.2	1.4	13.1	12.0	15.1
Industrials	-14.8	-17.5	-13.6	6.3	7.1	11.6
Real Estate	-15.9	-20.4	-6.6	5.6	6.9	8.5
Materials	-16.5	-17.3	-8.9	10.1	8.2	10.0
Financials	-16.9	-18.2	-12.1	6.5	7.0	12.2
Information Technology	-20.2	-26.8	-13.9	18.2	19.7	18.4
Telecommunication Svcs.	-20.7	-30.0	-29.0	5.2	6.0	6.0
Consumer Discretionary	-25.4	-32.5	-24.7	5.8	9.5	13.2

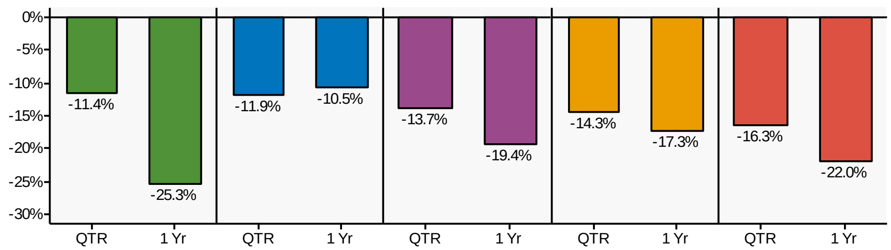
Source: S&P 1500 Sector Indices

Q2 2022 Market Review

INTERNATIONAL EQUITY

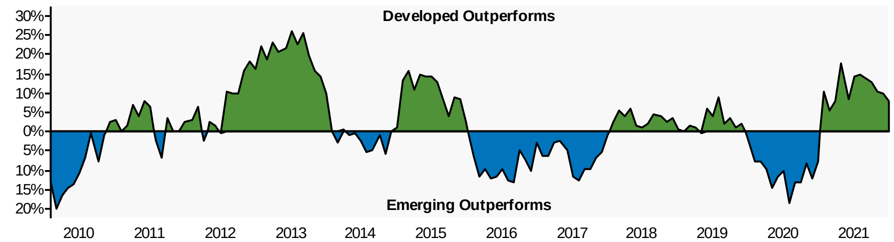
- Developed international equity returned a negative 14.3% in the last quarter (MSCI EAFE).
- Emerging market equity posted a negative 11.4% return (MSCI Emerging Markets Index).

INDEX PERFORMANCE (sorted by trailing quarterly performance)



	QTR	YTD	1 Yr	3 Yr	5 Yr	10 Yr
MSCI Emg Markets	-11.4	-17.6	-25.3	0.6	2.2	3.1
MSCI EAFE Large Value	-11.9	-10.8	-10.5	0.6	0.7	4.0
MSCI ACWI ex US	-13.7	-18.4	-19.4	1.4	2.5	4.8
MSCI EAFE	-14.3	-19.3	-17.3	1.5	2.7	5.9
MSCI EAFE Large Growth	-16.3	-25.9	-22.0	2.0	4.4	6.6

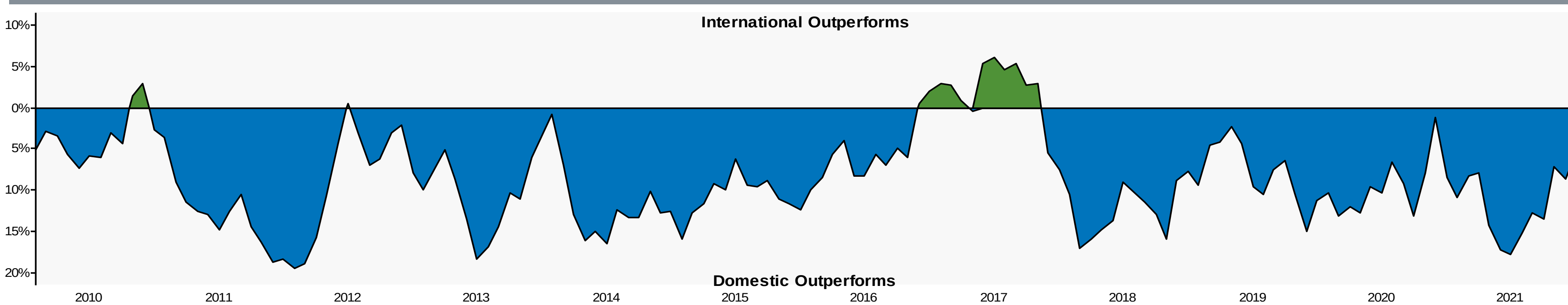
DEVELOPED VS. EMERGING MARKETS



Over the last year, developed international stocks outperformed emerging market stocks by 8.00%.
For the trailing quarter, emerging market stocks outperformed developed international stocks by 2.90%.

The graph above is plotted using a rolling one-year time period. Developed international stock performance is represented by the MSCI EAFE Index. Emerging market stock performance is represented by the MSCI Emerging Markets Index.

INTERNATIONAL VS. DOMESTIC



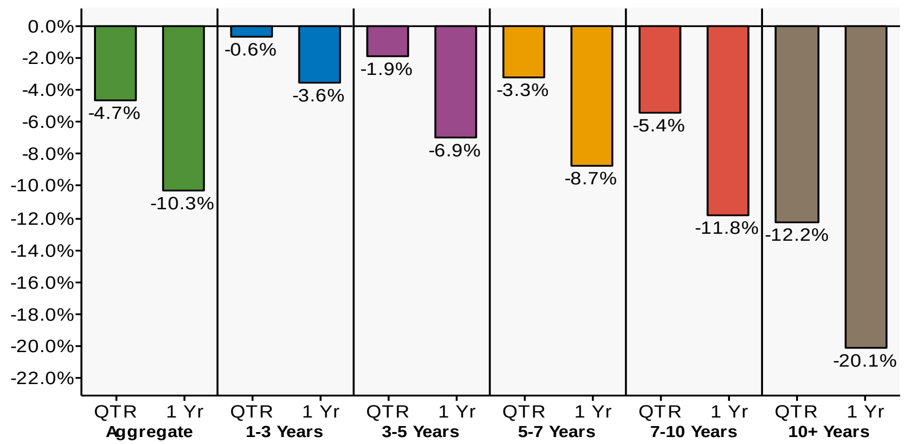
The graph above is plotted using a rolling one-year time period. International stock performance is represented by the MSCI ACWI ex U.S. Index. Domestic stock performance is represented by the Russell 3000 Index.

Q2 2022 Market Review

FIXED INCOME

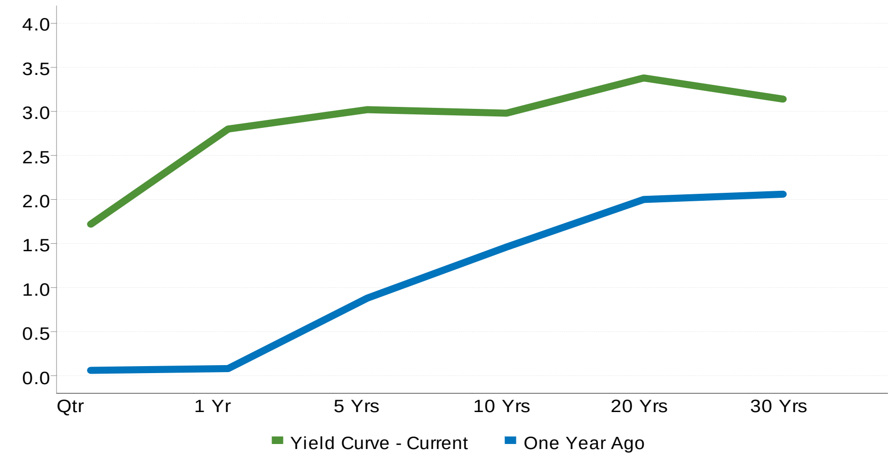
- The broad U.S. fixed income market returned a negative 4.7% (Bloomberg Barclays U.S. Aggregate) for the quarter.
- The best performing sector for the quarter was Cash, returning a positive 0.1%.
- The worst performing sector for the quarter was High Yield Corporate Bond, returning a negative 9.8%.

PERFORMANCE BY MATURITY

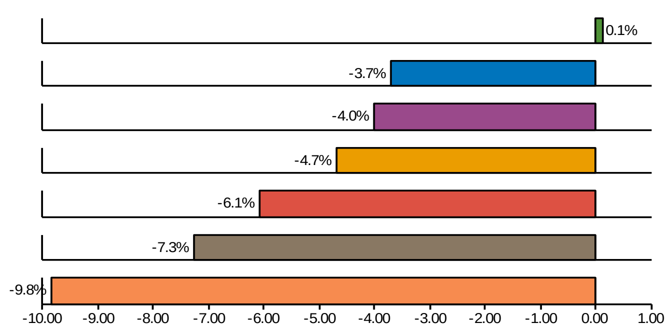


Source: Bloomberg Barclays U.S. Aggregate Indices

YIELD CURVE



SECTOR (sorted by trailing quarterly performance)



	QTR	YTD	1 Yr	3 Yr	5 Yr	10 Yr
Cash	0.1	0.1	0.2	0.6	1.1	0.6
Government	-3.7	-9.0	-8.8	-0.8	0.8	1.0
Mortgage Backed Securities	-4.0	-8.8	-9.0	-1.4	0.4	1.2
Aggregate Bond	-4.7	-10.3	-10.3	-0.9	0.9	1.5
TIPS	-6.1	-8.9	-5.1	3.0	3.2	1.7
Corporate Investment Grade	-7.3	-14.4	-14.2	-1.0	1.3	2.6
High Yield Corporate Bond	-9.8	-14.2	-12.8	0.2	2.1	4.5

Source: Bloomberg Barclays U.S. Indices

Q2 2022 Market Review

ASSET CLASS RETURNS

The following chart exhibits the volatility of asset class returns from year to year by ranking indices in order of performance, highlighting the importance of diversification.

2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD
Fixed Income 7.84	Global REIT 23.73	Sm Growth 43.30	Global REIT 22.81	Large Growth 5.67	Sm Value 31.74	Large Growth 30.21	Cash 1.87	Large Growth 36.39	Large Growth 38.49	Global REIT 32.50	Commodities 18.44
Large Growth 2.64	Sm Value 18.05	Sm Value 34.52	Large Value 13.45	Global REIT 0.59	Large Value 17.34	International 27.19	Fixed Income 0.01	Sm Growth 28.48	Sm Growth 34.63	Sm Value 28.27	Cash 0.14
Global REIT 1.70	Large Value 17.51	Large Growth 33.48	Large Growth 13.05	Fixed Income 0.55	Commodities 11.77	Sm Growth 22.17	Large Growth -1.51	Large Value 26.54	Balanced Index 15.07	Large Growth 27.60	Fixed Income -10.35
Balanced Index 1.26	International 16.83	Large Value 32.53	Balanced Index 6.56	Cash 0.05	Sm Growth 11.32	Balanced Index 15.00	Balanced Index -4.70	Global REIT 24.49	International 10.65	Commodities 27.11	Large Value -12.86
Large Value 0.39	Large Growth 15.26	International 15.29	Fixed Income 5.97	Balanced Index -0.55	Large Growth 7.08	Large Value 13.66	Global REIT -4.77	Sm Value 22.39	Fixed Income 7.51	Large Value 25.16	Balanced Index -16.25
Cash 0.10	Sm Growth 14.59	Balanced Index 14.92	Sm Growth 5.60	Sm Growth -1.38	Balanced Index 7.06	Global REIT 8.63	Large Value -8.27	International 21.51	Sm Value 4.63	Balanced Index 10.79	Sm Value -17.31
Sm Growth -2.91	Balanced Index 11.76	Global REIT 2.81	Sm Value 4.22	Large Value -3.83	Global REIT 6.90	Sm Value 7.84	Sm Growth -9.31	Balanced Index 20.02	Large Value 2.80	International 7.82	International -18.42
Sm Value -5.50	Fixed Income 4.22	Cash 0.07	Cash 0.03	International -5.66	International 4.50	Fixed Income 3.54	Commodities -11.25	Fixed Income 8.72	Cash 0.67	Sm Growth 2.83	Global REIT -20.00
Commodities -13.32	Cash 0.11	Fixed Income -2.02	International -3.87	Sm Value -7.47	Fixed Income 2.65	Commodities 1.70	Sm Value -12.86	Commodities 7.69	Commodities -3.12	Cash 0.05	Large Growth -28.07
International -13.71	Commodities -1.06	Commodities -9.52	Commodities -17.01	Commodities -24.66	Cash 0.33	Cash 0.86	International -14.20	Cash 2.28	Global REIT -8.11	Fixed Income -1.54	Sm Growth -29.45

- Large Value (Russell 1000 Value)
- Small Growth (Russell 2000 Growth)
- Global REIT (S&P Global REIT)
- Large Growth (Russell 1000 Growth)
- International (MSCI ACWI ex-US)
- Commodities (Bloomberg Commodities)
- Small Value (Russell 2000 Value)
- Fixed Income (Bloomberg Barclays Agg)
- Cash (Merrill Lynch 3-Mo T-Bill)
- Balanced (40% Russell 3000, 40% Bloomberg Barclay’s U.S. Aggregate, 20% MSCI ACWI ex US)

Q2 2022 Market Review

S&P 500 Returns After Bear Markets

The S&P 500 entered bear market territory in the second quarter, down over 20% from recent highs. In times of market turbulence, it is especially important to keep a long-term perspective and stay the course. After entering a bear market, the S&P 500 has been higher the majority of time over the following 1, 3 and 5 year periods. In fact, the median return was 23.9% for 1-year and 10.6% annualized for 3-years.

S&P 500 after closing in bear market

Entered Bear Market	Three Months	Six Months	One Year	Three Years Ann	Five Years Ann
October 21, 1957	5.5	9.7	31.0	10.8	7.3
May 28, 1962	5.9	11.9	26.1	16.8	10.4
August 29, 1966	7.9	17.6	24.6	8.6	6.2
January 19, 1970	-4.5	-8.9	11.9	10.6	-2.1
November 27, 1973	0.7	-7.4	-26.9	2.5	0.1
February 22, 1982	3.0	1.3	30.4	17.1	20.7
October 19, 1987	10.9	14.7	23.2	11.6	13.0
March 12, 2001	6.4	-7.4	-1.2	-1.7	1.7
July 10, 2002	-12.7	0.8	7.4	9.6	10.4
July 9, 2008	-26.9	-28.5	-29.1	2.6	5.8
February 23, 2009	19.3	38.0	47.3	22.4	19.8
March 12, 2020	22.6	34.7	59.0		
Median	**5.7**	**5.5**	**23.9**	**10.6**	**7.3**

Source: Wall Street Journal, Dow Jones Market Data, Morningstar Direct

Q2 2022 Market Review

Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. Indexes are unmanaged and not available for direct investment.

Citigroup Corporate Bond is an index which serves as a benchmark for corporate bond performance. You cannot invest directly in an index.

Citigroup Mortgage Master is an index which serves as a benchmark for U.S. mortgage-backed securities performance.

Citigroup WGBI Index is an index which serves as a benchmark for global bond performance, including 22 different government bond markets.

Credit Suisse High Yield Index is an unmanaged, trader priced index constructed to mirror the characteristics of the high yield bond market.

BC (Barclays Capital) U.S. Aggregate Bond Index represents securities that are U.S., domestic, taxable, and dollar dominated. The index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. These major sectors are subdivided into more specific indices that are calculated and reported on a regular basis.

BC Credit Bond Index includes publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements. To qualify, bonds must be SEC-registered.

BC U.S. Corporate Investment Grade represents investment grade corporate securities that are U.S., domestic, taxable, and dollar denominated.

BC High Yield Corporate Bond represents below investment grade corporate securities that are U.D., domestic, taxable, and dollar denominated.

BC TIPS Index includes publicly issued U.S. government treasury inflation protected securities that meet the specified maturity, liquidity and other requirements.

BC Mortgage-Backed Securities covers agency mortgage-backed pass-through securities (both fixed-rate and hybrid ARMs) issued by Ginnie Mae (GNMA), Fannie Mae (FNMA), and Freddie Mac (FHLMC).

BC Muni Bond covers the USD-denominated long-term tax-exempt bond market with four main sectors: state and local general obligation bonds, revenue bonds, insured bonds, and pre-refunded bonds.

BC Government Index includes publicly issued U.S. government securities that meet the specified maturity, liquidity and other requirements.

BarCap U.S. Aggregate 1-3 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 1-3 years.

BarCap U.S. Aggregate 3-5 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 3-5 years.

BarCap U.S. Aggregate 5-7 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 5-7 years.

BarCap U.S. Aggregate 7-10 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 7-10 years.

BarCap U.S. Aggregate 10+ Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over 10 years.

DJW 5000 (Full Cap) Index measures the performance of all U.S. common equity securities, and serves as an index of all stock trades in the U.S.

MSCI FI Emerging Markets is a rules-based index which serves as a benchmark for emerging country fixed income performance.

MSCI FI EAFE International is a rules-based index which serves as a benchmark for developed international country fixed income performance.

MSCI EAFE Index is listed for foreign stock funds (EAFE refers to Europe, Australia and Far East). Widely accepted as a benchmark for international stock performance, it is an aggregate of 21 individual country indexes.

MSCI EAFE Large Value represents the large cap value stocks within the MSCI EAFE Index.

MSCI EAFE Large Growth represents the large cap growth stocks within the MSCI EAFE Index.

MSCI EAFE Mid Value represents the mid cap value stocks within the MSCI EAFE Index.

MSCI EAFE Mid Growth represents the mid cap growth stocks within the MSCI EAFE Index.

MSCI EAFE Small Value represents the small cap value stocks within the MSCI EAFE Index.

MSCI EAFE Small Growth represents the small cap growth stocks within the MSCI EAFE Index.

MSCI EM (Emerging Markets) Index serves as a benchmark for each emerging country. The average size of these companies is (U.S.) $400 million, as compared with $300 billion for those companies in the World index.

MSCI World Index is a rules-based index that serves as a benchmark for the developed global equity markets.

MSCI Europe ex UK Index is a rules-based index that serves as a benchmark for Europe's equity markets, excluding the United Kingdom.

MSCI Pacific ex Japan Index is a rules-based index that serves as a benchmark for Asia Pacific's equity markets, excluding Japan.

MSCI United Kingdom Index is a rules-based index that serves as a benchmark for the United Kingdom's equity markets.

MSCI Japan is a rules-based index that serves as a benchmark for Japan's equity markets.

NAREIT All REIT Index includes all tax-qualified REITs with common shares that trade on the New York Stock Exchange the American Stock Exchange or the NASDAQ National Market List.

3-Month T-Bills (90 Day T-Bill Index) are government-backed, short-term investments considered to be risk-free and as good as cash because the maturity is only three months.

Russell 1000 Growth Index is a market-capitalization weighted index of those firms in the Russell 1000 with higher price-to-book ratios and higher forecasted growth values.

Russell 1000 Value Index is a market-capitalization weighted index of those firms in the Russell 1000 with lower price-to-book ratios and lower forecasted growth values.

Russell Top 200 Growth Index is a market-capitalization weighted index of those firms in the Russell Top 200 with higher price-to-book ratios and higher forecasted growth values.

Russell Top 200 Value Index is a market-capitalization weighted index of those firms in the Russell Top 200 with lower price-to-book ratios and lower forecasted growth values.

Russell 2000 Growth Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having higher price-to-book ratio and higher forecasted growth values.

Russell 2000 Index consists of the smallest 2000 companies in the Russell 3000 Index, representing approximately 7% of the Russell 3000 total market capitalization.

Russell 2000 Value Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having lower price-to-book ratio and lower forecasted growth values.

Q2 2022 Market Review

Russell MidCap Growth Index is a market-weighted total return index that measures the performance of companies within the Russell MidCap Index having higher price-to-book ratio and higher forecasted growth values.
Russell MidCap Index includes firms 201 through 1000, based on market capitalization, from the Russell 3000 Index.
Russell MidCap Value Index is a market-weighted total return index that measures the performance of companies within the Russell MidCap Index having lower price-to-book ratio and lower forecasted growth values.
Russell Top 200 Index consists of the 200 largest securities in the Russell 3000 Index.
Russell 3000 Index is a market capitalization weighted index, consisting of 3,000 U.S. common equity securities, reflective of the broad U.S. equity market.
Salomon 1-10 Yr. Governments is an index which serves as a benchmark for U.S. Government bonds with maturities ranging from 1 to 10 years.
S&P 500 Index measures the performance of the largest 500 U.S. common equity securities, and serves as an index of large cap stocks traded in the U.S.
S&P 1500 Energy Index measures the performance of the energy sector in the S&P 1500 Index.
S&P 1500 Industrials measures the performance of the industrial sector in the S&P 1500 Index.
S&P 1500 Financials measures the performance of the financials sector in the S&P 1500 Index.
S&P 1500 Utilities measures the performance of the utilities sector in the S&P 1500 Index.
S&P 1500 Consumer Discretionary Index measures the performance of the consumer discretionary sector in the S&P 1500 Index.
S&P 1500 Consumer Staples Index measures the performance of the consumer staples sector in the S&P 1500 Index.
S&P 1500 Information Technology measures the performance of the information technology sector in the S&P 1500 Index.
S&P 1500 Materials measures the performance of the materials sector in the S&P 1500 Index.
S&P 1500 Health Care measures the performance of the health care sector in the S&P 1500 Index.
S&P 1500 Telecommunications Services Index measures the performance of the telecommunications services sector in the S&P 1500 Index.

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Research/Outlook Disclosure

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NFPR-2022-88 ACR# 4847475 07/22

ABC Company

2021 – Annual 404(C) Informational Notice

Dear Participant:

The ABC Company 401(k) Plan is intended to constitute a plan as described in Section 404(c) of the Employee Retirement Income Security Act (ERISA), and Title 29 of the Code of Federal Regulations Section 2550.404c-1. The ABC Company 401(k) Plan Fiduciaries may be relieved of liability for any losses which are the direct and necessary result of investment instructions given by participants or beneficiaries. In other words, as the participant or beneficiary you bear the risk and the reward of any changes in the value of the underlying investment options in which you invest. Although the ABC Company provides information to assist you in the selection of investment options, the ultimate responsibility for investment selection and performance lies with the participant or beneficiary.

The ABC Company is committed to the long-term welfare of all 401(k) participants. Educated decisions require information. 404(c) information can be obtained from the Fidelity website at www.401k.com. This website contains descriptions of the investment alternatives, investment option costs, provider costs, provider policies and contact information should you have additional questions. You can access this website with your social security number. If you have an issue logging in please call Fidelity at 800-835-5097 for assistance. The ABC Company values your service and strives to assist you in securing your future. Please take advantage of this website and information provided.

If you are unable to access the website, or simply have unanswered questions, please contact the 404(c) plan fiduciary, NFP Retirement. They can be reached as follows:

NFP Retirement, Inc.
532 Colorado Avenue
Stuart, Florida 34994
Direct: 949-460-9898
Fax: 877-587-7571
Email: tom.bastin@nfp.com

In addition to the information posted on the website you can also receive from the 404(c) fiduciary the following:

1. Written confirmation of your investment instructions.

2. A description of the annual operating expenses of each of the underlying investment options under the plan. These expenses include investment management, admin fees, commissions as well as transaction costs.

3. Information furnished to the plan that relates to an investment option. This includes copies of any prospectus, financial statements and reports.

4. Information on the assets that comprise your underlying investment option(s) or portfolio(s), including a listing of the assets and their value. If the assets are fixed rate investment contracts issued by a bank, savings and loan association or insurance company, you may receive information on the contract. This includes the name of the issuer, the term and the rate of return.

5. Information concerning the value of shares or units of underlying investment options available to you, and information concerning the past and current investment performance of the options.

6. An explanation of the fees that show on your quarterly participant statement.

Our goal is provide participants with the most accurate, up to date and necessary information so that you can make appropriate investment decisions. Your account is participant directed which means you get to decide how to invest your account balance. The plan offers a broad range of diversified investment options for you to select from. These alternatives have materially different risk and return characteristics. You can receive a general description of the investment objectives by either visiting the Fidelity website or contacting NFP Retirement.

The Fidelity website and toll-free customer service representatives can provide answers to many of your questions. However, you always have direct access to NFP Retirement who will answer your questions and address your concerns. In addition, we will continue to add enhancements and improvements to the program for your benefit.

ERISA Section 2550.404c Disclosure

Prepared by NFP Retirement

Under the Employee Retirement Income Security Act of 1974 (ERISA), the fiduciaries of retirement plans are responsible for all investment decisions, including those made by the participants in participant directed plans, unless the plan is an "ERISA Section 404(c) plan." Section 404(c) of ERISA provides that if a plan permits the participants to exercise control over the assets in their accounts and they actually do so, the fiduciaries are not liable for any loss which results from such exercise of control so long as the plan complies with the requirements of the Department of Labor Regulation under Section 404(c). That Regulation describes the circumstances under which a participant or beneficiary is considered to have exercised independent control over the assets in his account as contemplated by Section 404(c).

This checklist is intended to assist the fiduciaries in ensuring that the plan they serve is an "ERISA Section 404(c) plan." It lists the requirements that must be met (including a reference to the Department of Labor regulation where that requirement can be found) and provides an explanation of the requirement and instructions regarding compliance where appropriate. The purpose of the checklist is to indicate whether compliance has been achieved.

The checklist is organized in five sections. The first section lists the general requirements for plans that intend to comply with section 404(c); the second section lists the information that must be furnished to participants; the third section lists the information that must be available to participants, upon request; the fourth section lists the special requirements that apply to plans which include employer securities as an investment option; and the fifth section lists restrictions that may be imposed.

NOTE: ERISA Section 404(c) does not relieve the fiduciaries of responsibility for the prudent selection and monitoring of the investment options offered under the plan. Further, to the extent a participant decides not to exercise control over his or her account, the fiduciaries remain responsible for prudently allocating the assets in that participant's account. Thus, the fiduciaries must prudently select and monitor the appropriate "qualified default investment alternative" for the participant.

In addition to the items mentioned above, as part of your 404(c) compliance review, you should review a copy of your IRS Form 5500 for the plan. In particular, review question 8a, because it describes the features of the Plan. One of the character codes for question 8a is 2F which indicates that a plan, or any part of a plan, intends to comply with the requirements under section 404(c). (Note that the 5500 Form is signed under penalty of perjury.) It is important to ensure that box 2F is checked as for most recordkeepers/TPA's that is triggered by the plan document and summary plan description which must also indicate intent to comply with this code section.

The following checklist goes through the numerous questions that must be answered in order to ensure compliance. All answers to these questions should be YES or N/A. If any questions have a NO answer there should be an explanation attached to the checklist describing why.

ERISA Section 2550.404c Annual Disclosure Checklist

I. General Requirements	Question	Answer
2550.404c-1(b)(1)	Do participants have individual accounts?	Yes
	Can participants access those accounts online?	Yes
2550.404c-1(b)(1)(i)	Can participants give investments instructions?	Yes
	Can those instructions be in writing?	Yes
2550.404c-1(b)(2)(i)	Can participants exercise control over accounts?	Yes
	Is the participant the only one who can exercise control over their account?	Yes
	- If No, has the vendor executed a discretionary contract with the plan & participant?	n/a
2550.404c-1(b)(2)(A)	Can participants receive written trade confirmations?	Yes
	Are participants notified whom to contact for confirmations?	Yes
2550.404c-1(b)(3)(i)	Does plan offer broad range of investments?	Yes
	Does plan offer asset allocation options to participants?	Yes
2550.404c-1(b)(3)(i)(A)	Do investments allow participants to materially affect outcome?	Yes
	Do the asset classes allow for a variety of risk tolerances?	Yes
2550.404c-1(b)(3)(i)(B)	Are there at least three investment alternatives?	Yes
2550.404c-1(b)(3)(i)(B)(1)	Are there at least three investments that are diversified?	Yes
2550.404c-1(b)(3)(i)(B)(2)	Are there at least three investments with different risk levels?	Yes
	Are there at least three investments with different return expectations?	Yes
2550.404c-1(b)(3)(i)(B)(3)	Are their suitable investments to meet a broad range of participants needs?	Yes
2550.404c-1(b)(3)(i)(B)(4)	Can the combined use of investments allow participants to reduce risk?	Yes
2550.404c-1(b)(3)(i)(C)	Can participants diversify to reduce downside risk and potential large losses?	Yes
2550.404c-1(b)(3)(ii)	Do underlying holdings of look through investments meet diversification requirements?	Yes

II. Information Requirement	Question	Answer
2550.404c-1(b)(2)(i)	Does the plan document give participants the right to direct their investments?	Yes
	Does the enrollment process allow participants to select their investments?	Yes
	Can participants access their accounts at any time to change investments?	Yes
2550.404c-1(b)(2)(i)(A)	Is the participant provided information on whom to issue investment instructions?	Yes
2550.404c-1(b)(2)(i)(B)(1)(iv)	Are participants notified of any limitations on their ability to issue instructions?	Yes
	Are participants notified of any trading restrictions imposed on their account?	Yes
	Are participants advised of restrictions and limitations on investment transfers?	Yes
2550.404c-1(b)(2)(i)(A)	Are participants advised of the investments they can utilize?	Yes
2550.404c-1(b)(2)(i)(B)(1)(i)	Have participants received notice the plan intends to comply with 2550.404c?	Yes
	Were particpants notified plan fiduciaries are relieved from liability under 2550.404c?	Yes
2550.404c-1(b)(2)(i)(B)	Are participants provided ability to obtain sufficient investment information?	Yes
	Can participants make informed investment decisions with information provided?	Yes
2550.404c-1(b)(2)(i)(B)(1)(vi)	Are participants provided 404c fiduciaries contact information?	Yes
	Has the 404c fiduciary agreed to provide information requested by participants?	Yes
2550.404c-1(b)(2)(i)(B)(1)(ii)	Can participants obtain descriptions of the investments within the plan?	Yes
2550.404c-1(b)(2)(i)(B)(1)(ii)	Do the investment descriptions describe the investment objectives of each?	Yes
2550.404c-1(b)(2)(i)(B)(1)(ii)	Do the investment descriptions describe the risk & return characteristics of each?	Yes
2550.404c-1(b)(2)(i)(B)(1)(ii)	Do the investment descriptions identify the portfolio diversification of each?	Yes
2550.404c-1(b)(2)(i)(B)(1)(iii)	Does the plan avoid contracting directly with investment managers?	Yes
	- if No, are participants provided information about the investment manager?	n/a
2550.404c-1(b)(2)(i)(B)(1)(v)	Are all fees charged against the participants account disclosed?	Yes
	Is an annual fee disclosure provided to participants?	Yes
2550.404c-1(b)(2)(i)(B)(1)(iv)	Are participants notified if they have voting & tender rights?	Yes
2550.404c-1(b)(2)(i)(B)(1)(ix)	- if yes, are participants notified of any restrictions on voting & tender rights?	Yes
	- If yes, are participants provided materials given to the plan regarding voting & tender rights?	Yes

II. Information Requirement	Question	Answer
2550.404c-1(b)(2)(i)(B)(1)(vii)	- If yes, are participants notified of procedures to protect confidentiality of their exercise?	Yes
2550.404c-1(b)(2)(i)(B)(2)	Are participants notified of the five categories of information available to them upon request?	Yes
2550.404c-1(b)(2)(i)(B)(1)(viii)	Are prospectus made available to participants for each investment option?	Yes
	- If yes, are prospectus available online both before and after investment decisions?	Yes
III. Information Request	**Question**	**Answer**
2550.404c-1(b)(2)(i)(B)(2)	Has the plan identified the fiduciary responsible for providing information requested by participants?	Yes
2550.404c-1(b)(2)(i)(B)(2)(i)	Can participants obtain a description of expenses for each investment which reduce the rate of return?	Yes
2550.404c-1(b)(2)(i)(B)(2)(ii)	Can participants obtain prospectus, financial statements and reports about investments?	Yes
2550.404c-1(b)(2)(i)(B)(2)(iii)	Can participants obtain a list of assets comprising the portfolio of each investment?	Yes
	Can participants obtain the value of assets comprising the investments?	Yes
	Can participants obtain for fixed rate investments the name of issuer, term of contract and return?	Yes
2550.404c-1(b)(2)(i)(1B)(2)(iv)	Can participants obtain unit/share values & past performance for investments from fiduciary?	Yes
2550.404c-1(b)(2)(i)(B)(2)(v)	Can participants obtain unit/share values & past performance for investments online?	Yes
IV. Employer Securities	**Question**	**Answer**
2550.404c-1(d)(2)(ii)(E)(4)(i)	Does the plan prevent participants from purchasing Section 407(d)(5) qualifying employer securities?	Yes
2550.404c-1(d)(2)(ii)(E)(4)(ii)	- If No, are the securities stock or security interests in publicly traded partnerships?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(iii)	- If No, are the securities traded on a national exchange or generally recognized market?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(iv)	- If No, are the securities traded with sufficient regularity & volume to ensure timely sales?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(v)	- If No, do the participants receive the same information provided to shareholders?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(vi)	- If No, are participants are provided voting, tender & similar rights?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(vii)	- If No, is the confidentiality of voting, tender and similar rights properly maintained?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(viii)	- If No, does a plan fiduciary ensure the confidentiality procedures properly protect said information?	n/a
2550.404c-1(d)(2)(ii)(E)(4)(ix)	- If No, is an independent fiduciary utilized to avoid potential conflicts existing with the plan fiduciary?	n/a

V. Restrictions	Question	Answer
2550.404c-1(b)(2)(ii)(A)	Are participants notified of any charges for carrying out investment instructions?	Yes
2550.404c-1(b)(2)(ii)(B)(i-ii)	Can the plan decline to process investment instructions that would result in prohibited transactions?	Yes
2550.404c-1(b)(2)(ii)(C)	Does the plan impose reasonable restrictions on frequency of trading?	Yes
2550.404c-1(b)(2)(ii)(C)(1)	Can participants provide investment instructions with a frequency equivalent to investments volatitity?	Yes
2550.404c-1(b)(2)(ii)(C)(2)	Can participants give investment instructions at least once quarterly?	Yes
2550.404c-1(c)(2)	Are participants free from employer influence when making investment decisions?	Yes
	Will the employer refuse to accept instructions from a legally incompetent participant?	Yes
	- If employer stock offered, does employer conceal non-public facts from participants about stock?	n/a

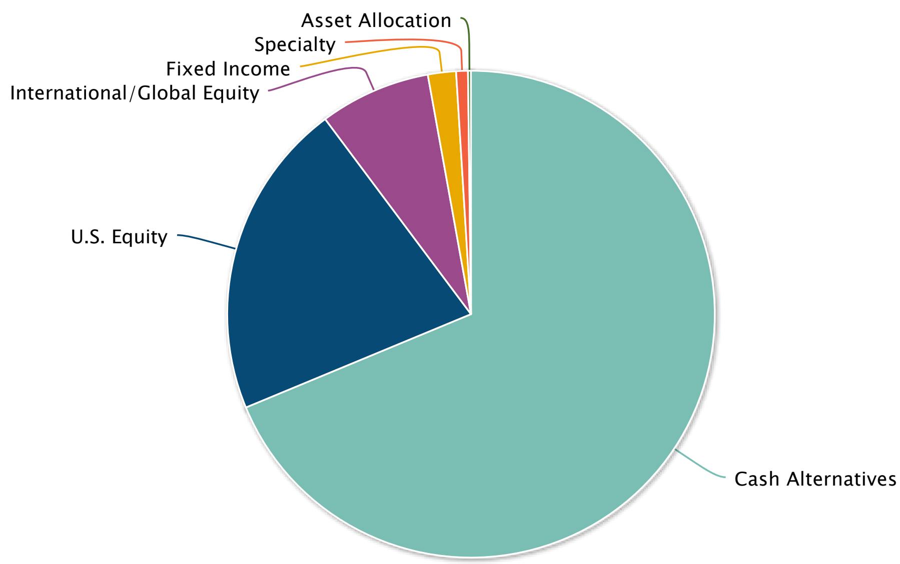
Summary of Considerations

Add	Asset Class	Fund	Ticker/ ID	Assets	Score
Add	MCG	MSQ AMG TimesSquare Mid Cap Growth R5	SPUSA06CAO	$755.88	10

Eliminate	Asset Class	Fund	Ticker/ ID	Assets	Score	Action	Asset Class	Fund	Ticker/ ID	Score
Delete	LCV	MissionSquare Equity Income Fund Class R1	92210J861	$3,288.02	6	map to	LCV	MFS Value R4	MEIJX	10
Delete	MCG	MissionSquare Aggressive Opportun Fund Class R1	92210J549	$755.88	6	map to	MCG	MSQ AMG TimesSquare Mid Cap Growth R5	SPUSA06CAO	10

Considerations: Add Delete Watchlist

Plan Allocation by Investment Type



	Investment Type	Assets	Percentage
	Cash Alternatives	$283,200.99	68.7%
	U.S. Equity	$86,723.28	21.1%
	International/Global Equity	$30,336.79	7.4%
	Fixed Income	$7,675.57	1.9%
	Specialty	$3,230.51	0.8%
	Asset Allocation	$809.29	0.2%
	Total	**$411,976.43**	**100%**

as of 6/30/2022

Plan Allocation by Investment Type

Investment Name	Asset Class	Amount	Percentage	Score
Cash Alternatives		$283,201		
MissionSquare PLUS Fund Class R1	SV	$276,965	67.2%	
Fidelity Inv MM Fds Government III	MM	$6,236	1.5%	
U.S. Equity		$86,723		
MFS Value R4	LCV	$2,479	0.6%	10
MissionSquare Equity Income Fund Class R1	LCV	$3,288	0.8%	6
MissionSquare 500 Stock Index Fund Class R1	LCB-P	$7,059	1.7%	10
MissionSquare Broad Market Index Fund Class R1	LCB-P	$65,534	15.9%	8
MissionSquare Growth Fund Class R1	LCG	$734	0.2%	7
MissionSquare Aggressive Opportun Fund Class R1	MCG	$756	0.2%	6
JPMorgan Small Cap Value I	SCV	$769	0.2%	8
MissionSquare Small Cap Discovery Fund Class R1	SCB	$1,525	0.4%	10
MissionSquare Mid/Small Company Index Fund Cl R1	SMCB-P	$4,581	1.1%	8
International/Global Equity		$30,337		
MissionSquare International Fund Class R1	ILCB	$4,809	1.2%	9
MissionSquare Overseas Equity Index Fund Class R1	ILCB-P	$11,926	2.9%	9
MissionSquare Emerging Markets Fund Class R1	EME	$6,492	1.6%	
MissionSquare MP Global Equity Grwth Fund Class R1	GE	$7,109	1.7%	
Fixed Income		$7,676		
Western Asset Core Plus Bond I	CFI	$1,674	0.4%	6
MissionSquare Core Bond Index Fund Class R1	CFI-P	$5,165	1.3%	7
MissionSquare Inflation Focused Fund Class R1	UGT	$837	0.2%	5
Specialty		$3,231		
Cohen & Steers Realty Shares L	REI	$3,231	0.8%	10

Plan Allocation by Investment Type

Investment Name	Asset Class	Amount	Percentage	Score
Asset Allocation		$809		
Fidelity Puritan	MA	$809	0.2%	9
Total		$411,976	100.0%	

Scorecard™

Total Plan Assets: $411,976.43 as of 6/30/2022

Risk-based Series

Asset Allocation	Assets	Asset Class	Risk Index	Allocation Score (Series Funds)		Selection Score (Underlying Funds)		Blended Score			
				# of Funds	Avg Score	# of Funds	Avg Score	Q2 2022	Q1 2022	Q4 2021	Q3 2021
VT Vantagepoint MP Risk-Based Series R1	$7,109.47	N/A	N/A	4	5.0	-	-	-	-	-	-

Allocation (Series Funds)

Asset Allocation	Assets	Asset Class	Ticker/ ID	Style			Risk/Return			Peer Group		Qual	Score Components		Score
				Risk Level	Style Diversity	R^2	Risk/ Return	Up/ Down	Info Ratio	Return Rank	SR Rank	2pt Max	Allocation	Selection	Q2 2022
MissionSquare MP Global Equity Grwth Fund Class R1	$7,109.47	GE	92210J606	1	1	1	1	0	0	0	0	2	6	-	-
				3.0/ 52.1	14.1	99.5	16.2/ 6.1	96.4/ 100.3	-0.79	52.0	68.0				-

Core Lineup

Asset Allocation	Assets	Asset Class	Ticker/ ID	Style			Risk/Return			Peer Group		Qual	Score			
				Risk Level	Style Diversity	R^2	Risk/ Return	Up/ Down	Info Ratio	Return Rank	SR Rank	2pt Max	Q2 2022	Q1 2022	Q4 2021	Q3 2021
Fidelity Puritan	$809.29	MA	FPURX	1	0	1	1	1	1	1	1	2	9	9	9	8
				12.1	67.2/ 32.8	97.1	12.1/ 8.5	105.4/ 99.6	0.54	2.0	2.0		MA	MA	MA	MA

Scorecard™

Active	Assets	Asset Class	Ticker/ ID	Style			Risk/Return			Peer Group		Qual	Score			
				Style	Style Drift	R^2	Risk/ Return	Up/ Down	Info Ratio	Return Rank	Info Ratio Rank	2pt Max	Q2 2022	Q1 2022	Q4 2021	Q3 2021
MFS Value R4	$2,478.52	LCV	MEIJX	1	1	1	1	1	1	1	1	2	**10**	10	10	10
				-77.5/ 93.5	3.1	97.2	16.5/ 7.4	98.4/ 97.1	0.09	26.0	22.0		**LCV**	LCV	LCV	LCV
MissionSquare Equity Income Fund Class R1	$3,288.02	LCV	92210J861	1	1	1	1	0	0	0	0	2	**6**	6	6	6
				-91.4/ 88.8	9.1	98.7	17.0/ 6.4	95.1/ 98.2	-0.39	77.0	96.0		**LCV**	LCV	LCV	LCV
MissionSquare Growth Fund Class R1	$733.59	LCG	92210J689	1	1	1	1	0	0	1	0	2	**7**	7	7	7
				93.4/ 89.2	2.8	98.8	18.7/ 11.0	90.0/ 100.2	-1.58	47.0	78.0		**LCG**	LCG	LCG	LCG
MissionSquare Aggressive Opportun Fund Class R1	$755.88	MCG	92210J549	1	1	1	1	0	0	0	0	2	**6**	6	6	6
				79.1/ -2.4	6.6	98.3	19.4/ 7.8	93.0/ 96.4	-0.38	74.0	93.0		**MCG**	MCG	MCG	MCG
MSQ AMG TimesSquare Mid Cap Growth R5		MCG	SPUSA06CAO	1	1	1	1	1	1	1	1	2	**10**	10	9	9
				68.3/ 0.4	6.4	96.6	18.5/ 10.8	94.8/ 87.2	0.46	40.0	40.0		**MCG**	MCG	MCG	MCG
JPMorgan Small Cap Value I	$769.43	SCV	PSOPX	1	1	1	1	0	0	1	1	2	**8**	8	7	7
				-95.6/ -90.0	7.2	99.0	22.5/ 4.7	98.4/ 99.3	-0.1	33.0	41.0		**SCV**	SCV	SCV	SCV
MissionSquare Small Cap Discovery Fund Class R1	$1,524.60	SCB	92210J481	1	1	1	1	1	1	1	1	2	**10**	10	10	9
				-4.3/ -83.4	8.0	98.9	22.1/ 5.5	98.5/ 97.4	0.16	24.0	26.0		**SCB**	SCB	SCB	SCB
MissionSquare International Fund Class R1	$4,809.22	ILCB	92210J390	1	1	1	1	1	1	1	1	1	**9**	7	10	7
				-8.4/ 32.0	14.7	97.1	16.7/ 2.5	107.1/ 105.2	0.09	26.0	24.0	E/S	**ILCB**	ILCB	ILCB	ILCB
MissionSquare Emerging Markets Fund Class R1	$6,492.29	EME	92210J283										**-**	-	-	-
													-	-	-	-

Scorecard™

continued

Active	Assets	Asset Class	Ticker/ ID	Style			Risk/Return			Peer Group		Qual	Score			
				Style	Style Drift	R^2	Risk/ Return	Up/ Down	Info Ratio	Return Rank	Info Ratio Rank	2pt Max	Q2 2022	Q1 2022	Q4 2021	Q3 2021
Western Asset Core Plus Bond I	$1,674.21	CFI	WACPX	1	1	0	0	0	0	1	1	2	**6**	8	9	8
				-36.4/ 42.1	21.4	77.8	6.0/ 0.4	133.3/ 146.3	-0.16	13.0	17.0		**CFI**	CFI	CFI	CFI
MissionSquare Inflation Focused Fund Class R1	$836.69	UGT	92210F885	1	1	1	0	0	0	0	0	2	**5**	5	5	5
				-90.8/ 90.6	0.9	98.7	4.4/ 2.2	92.3/ 108.4	-1.87	55.0	84.0		**UGT**	UGT	UGT	UGT
MissionSquare PLUS Fund Class R1	$276,964.50	SV	92208J105										**-**	-	-	-
													-	-	-	-
Fidelity Inv MM Fds Government III	$6,236.49	MM	FCGXX										**-**	-	-	-
													-	-	-	-
Cohen & Steers Realty Shares L	$3,230.51	REI	CSRSX	1	1	1	1	1	1	1	1	2	**10**	10	10	10
				-87.3/ 87.3	4.2	95.1	17.2/ 8.1	97.6/ 82.4	0.86	9.0	12.0		**REI**	REI	REI	REI

Passive	Assets	Asset Class	Ticker/ ID	Style				Peer Group				Qual	Score			
				Style	Style Drift	R^2	Tracking Error	TE Rank	Expense Rank	Return Rank	SR Rank	2pt Max	Q2 2022	Q1 2022	Q4 2021	Q3 2021
MissionSquare 500 Stock Index Fund Class R1	$7,058.63	LCB-P	92210J812	1	1	1	1	1	1	1	1	2	**10**	10	10	10
				3.0/ 98.1	2.3	99.7	1.2	25.0	74.0	64.0	59.0		**LCB-P**	LCB-P	LCB-P	LCB-P
MissionSquare Broad Market Index Fund Class R1	$65,533.60	LCB-P	92210J721	1	1	1	1	1	1	0	0	2	**8**	8	8	9
				1.9/ 87.0	0.9	99.9	0.7	6.0	74.0	87.0	90.0		**LCB-P**	LCB-P	LCB-P	LCB-P

Scorecard™

continued

Passive	Assets	Asset Class	Ticker/ ID	Style				Peer Group				Qual	Score			
				Style	Style Drift	R^2	Tracking Error	TE Rank	Expense Rank	Return Rank	SR Rank	2pt Max	Q2 2022	Q1 2022	Q4 2021	Q3 2021
MissionSquare Mid/Small Company Index Fund Cl R1	$4,581.01	SMCB-P	92210J572	1	1	1	1	1	0	1	1	1	**8**	6	6	6
				-19.0/ -57.5	12.5	100.0	0.1	11.0	100.0	56.0	38.0	E	**SMCB-P**	SMCB-P	SMCB-P	SMCB-P
MissionSquare Overseas Equity Index Fund Class R1	$11,925.81	ILCB-P	92210J432	1	1	1	1	1	0	1	1	2	**9**	10	9	9
				-4.4/ 73.1	18.0	98.6	2.1	68.0	84.0	74.0	74.0		**ILCB-P**	ILCB-P	ILCB-P	ILCB-P
MissionSquare Core Bond Index Fund Class R1	$5,164.67	CFI-P	92210F109	1	1	1	1	1	0	0	0	2	**7**	7	8	8
				-3.3/ 39.7	6.4	99.4	0.4	64.0	77.0	79.0	81.0		**CFI-P**	CFI-P	CFI-P	CFI-P

Fidelity Puritan
Category: Moderate Aggressive

FPURX
6/30/2022

Fund Strategy

The investment seeks income and capital growth consistent with reasonable risk. The fund invests approximately 60% of assets in stocks and other equity securities and the remainder in bonds and other debt securities, including lower-quality debt securities (those of less than investment-grade quality, also referred to as high yield debt securities or junk bonds), when its outlook is neutral. It invests at least 25% of total assets in fixed-income senior securities.

Fund Information

Strategy Asset ($ mm):	27,497.00
Share Class Assets ($ mm):	23,289.00
Manager:	Daniel E. Kelley
Manager Tenure:	4 Years

Portfolio Statistics

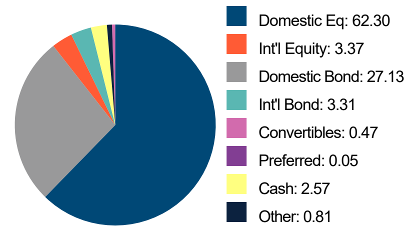
Alpha*:	2.97	P/E:	22.83
Beta*:	1.10	P/B:	4.45
	as of date 2/28/2022	SEC Yield (%):	1.98
		Turnover:	58.00
			as of date 6/30/2022

*Best fit index: Morningstar US Mod Tgt Alloc NR USD
*3-year statistic: Morningstar US Mod Tgt Alloc NR USD

Risk Bucket as of 6/30/2022

Risk Bucket	Risk Range	Risk (X)
Aggressive	14.00X≤16.25	-
Moderate Aggressive	11.50X≤14.00	12.13
Moderate	8.75X≤11.50	-
Moderate Conservative	6.75X≤8.75	-
Conservative	4.00X≤6.75	-

Asset Allocation (%) as of 2/28/2022



% Emerging Mkt: 0.07

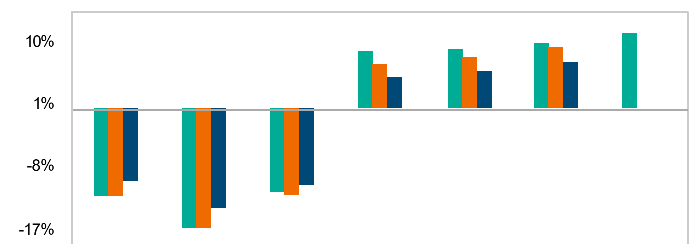
Scorecard

Asset Allocation Strategies	Ticker	Style: Risk Level	Style: Style Diversity	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: SR Ratio Rank	Qual. (2pt max)	Score Q2 2022
Moderate Aggressive											
Fidelity Puritan	FPURX	1	0	1	1	1	1	1	1	2	9
		12.13	67.17/ 32.83	97.06	12.13/ 8.51	105.44/ 99.57	0.54	2.00	2.00	-	MA

Asset Allocation Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
Fidelity Puritan	9	9	9	8	8	8	8	8
	MA	MA	MA	MA	MOD	MA	MA	MA

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
Fidelity Puritan	-12.74%	-17.36%	-12.06%	8.26%	8.51%	9.39%	10.79%
StyleBenchmark	-12.66%	-17.32%	-12.49%	6.29%	7.40%	8.80%	
Peer Group*	-10.58%	-14.43%	-11.07%	4.54%	5.29%	6.69%	
Peer Group Rank*	89	83	53	5	5	5	-
Peer Group Size (funds)*	-	-	755	709	645	476	-

*Morningstar Peer Group: Allocation--50% to 70% Equity

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 2/28/2022

Alphabet Inc Class C / GOOG	5.64
Microsoft Corp / MSFT	4.51
Apple Inc / AAPL	3.82
Fidelity Revere Str Tr	2.57
Amazon.com Inc / AMZN	2.50
UnitedHealth Group Inc / UNH	2.34
Marvell Technology Inc / MRVL	1.79
United States Treasury Notes 1.25%	1.62
Wells Fargo & Co / WFC	1.58
Mastercard Inc Class A / MA	1.46
% in Top 10 Holdings	27.83
# of Holdings	5,565

Additional Information

Prospectus Net Exp. Ratio:	0.51
Prospectus Gross Exp. Ratio:	0.51
Avg Exp Ratio Morningstar (%):	0.84
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/16/1947
Share Class Inception:	4/16/1947

MFS Value R4 — MEIJX

Category: Large Cap Value — 6/30/2022

Fund Strategy

The investment seeks capital appreciation. The fund normally invests the fund's assets primarily in equity securities. Equity securities include common stocks and other securities that represent an ownership interest (or right to acquire an ownership interest) in a company or other issuer. MFS focuses on investing the fund's assets in the stocks of companies the advisor believes are undervalued compared to their perceived worth (value companies).

Fund Information

Strategy Asset ($ mm):	56,970.00
Share Class Assets ($ mm):	1,899.00
Manager:	Nevin P. Chitkara
Manager Tenure:	16 Years

Portfolio Statistics

Alpha*:	-1.06	P/E:	18.64
Beta*:	0.95	P/B:	3.10
as of date 5/31/2022		SEC Yield (%):	1.44
		Turnover:	8.00
		as of date 6/30/2022	

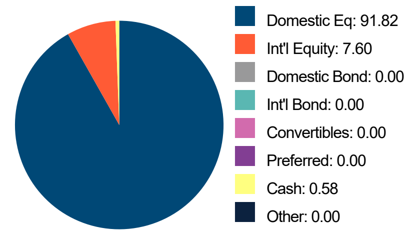
*Best fit index: Morningstar US Large Mid Brd Val TR USD

*3-year statistic: Morningstar US Large Mid Brd Val TR USD

Sector Allocation as of 5/31/2022

Real Estate:	0.44
Cons Cyclical:	2.60
Comm:	3.67
Energy:	4.02
Basic Materials:	4.29
Cons Defensive:	6.92
Utilities:	7.25
Technology:	7.48
Industrials:	17.81
Healthcare:	19.17
Financial Services:	26.35

Asset Allocation (%) as of 5/31/2022



% Emerging Mkt: 0.00

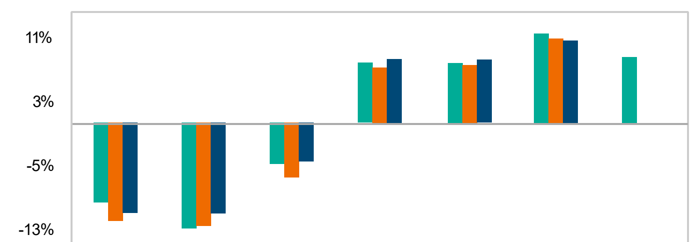
Scorecard

Active Strategies	Ticker	Style			Risk / Return			Peer Group		Qual. (2pt max)	Score
		Style	Style Drift	R^2	Risk / Return	Up / Down	Info Ratio	Return Rank	Info Ratio Rank		Q2 2022
Large Cap Value											
MFS Value R4	MEIJX	1	1	1	1	1	1	1	1	2	10
		-77.51/ 93.54	3.11	97.23	16.47/ 7.44	98.41/ 97.07	0.09	26.00	22.00	-	LCV

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MFS Value R4	10	10	10	10	10	9	10	10
	LCV	LCV	LCV	LCV	LCV	LCV	LCV	LCV

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MFS Value R4	-9.91%	-13.18%	-5.13%	7.47%	7.44%	11.11%	8.20%
Russell 1000 Value Index	-12.21%	-12.86%	-6.82%	6.87%	7.17%	10.50%	
Peer Group*	-11.24%	-11.33%	-4.84%	7.95%	7.84%	10.26%	
Peer Group Rank*	29	70	51	58	63	26	-
Peer Group Size (funds)*	-	-	1,217	1,145	1,077	779	-

*Morningstar Peer Group: Large Value

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Top 10 Holdings(%) as of 5/31/2022

JPMorgan Chase & Co / JPM	3.72
Johnson & Johnson / JNJ	3.36
Northrop Grumman Corp / NOC	2.58
Pfizer Inc / PFE	2.54
Texas Instruments Inc / TXN	2.49
Comcast Corp Class A / CMCSA	2.45
Cigna Corp / CI	2.43
Aon PLC Class A / AON	2.29
Chubb Ltd / CB	2.25
Duke Energy Corp / DUK	2.23
% in Top 10 Holdings	26.35
# of Holdings	77

Additional Information

Prospectus Net Exp. Ratio:	0.55
Prospectus Gross Exp. Ratio:	0.55
Avg Exp Ratio Morningstar (%):	0.92
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	1/2/1996
Share Class Inception:	4/1/2005

MissionSquare Equity Income Fund Class R1 — 92210J861
Category: Large Cap Value — 6/30/2022

Fund Strategy

Long-term capital growth with consistency derived from dividend yield. Under normal circumstances, this Fund invests at least 80% of its net assets in equity securities. It primarily seeks exposure to U.S. common stocks, and generally focuses on large sized companies, based on market capitalization, that have strong records of paying dividends or that have stable long-term earnings. This Fund may also invest in other equity securities, fixed income securities, cash and cash equivalents, and derivative instruments. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	620.00
Share Class Assets ($ mm):	160.80
Manager:	Karen H. Grimes
Manager Tenure:	8 Years

Portfolio Statistics

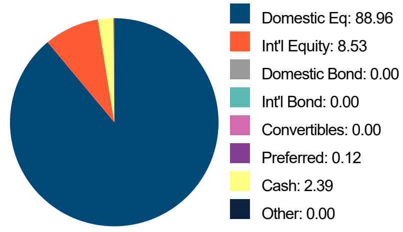
Alpha*:	-	P/E:	14.71
Beta*:	-	P/B:	2.18
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	23.66
			as of date 6/30/2022

*Best fit index: Russell 1000 Value TR USD
*3-year statistic: Russell 1000 Value TR USD

Sector Allocation as of 6/30/2022

Basic Materials:	2.59
Real Estate:	3.26
Cons Cyclical:	5.38
Utilities:	5.86
Energy:	7.53
Comm:	7.86
Cons Defensive:	9.19
Technology:	9.96
Industrials:	12.19
Healthcare:	17.04
Financial Services:	19.13

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 0.00

Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
Large Cap Value											
MissionSquare Equity Income Fund Clas...	92210J861	1	1	1	1	0	0	0	0	2	6
		-91.39/ 88.81	9.06	98.66	17.03/ 6.37	95.11/ 98.18	-0.39	77.00	96.00	-	LCV

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Equity Income Fund Clas...	6	6	6	6	6	6	6	6
	LCV	LCV	LCV	LCV	LCV	LCV	LCV	LCV

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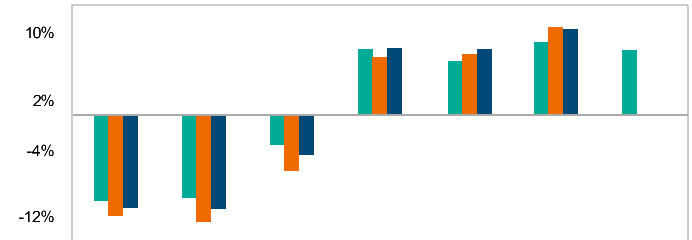
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Equity Income Fund Class R1	-10.33%	-9.98%	-3.66%	7.83%	6.37%	8.72%	7.67%
Russell 1000 Value Index	-12.21%	-12.86%	-6.82%	6.87%	7.17%	10.50%	
Peer Group*	-11.24%	-11.33%	-4.84%	7.95%	7.84%	10.26%	
Peer Group Rank*	34	36	38	53	82	89	-
Peer Group Size (funds)*	-	-	1,217	1,145	1,077	779	-

*Morningstar Peer Group: Large Value

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Equity Income M / US92211E8122	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.29
Prospectus Gross Exp. Ratio:	1.29
Avg Exp Ratio Morningstar (%):	0.92
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/4/1994
Share Class Inception:	4/4/1994

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MissionSquare Broad Market Index Fund Class R1 — 92210J721
Category: Large Cap Blend — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth by approximating the performance of the Russell 3000® Index.This Fund seeks to track the investment and performance characteristics of the Russell 3000® Index. Holdings are selected using a sampling technique. This means the Fund holds less stocks than are contained in the Index. The stocks are then weighted to seek the investment characteristics and performance of the Index. Under normal circumstances, at least 90% of this Fund's net assets are invested in stocks included in the Index.

Fund Information

Strategy Asset ($ mm):	951.00
Share Class Assets ($ mm):	188.19
Manager:	David France
Manager Tenure:	1 Years

Portfolio Statistics

Alpha*:	-	P/E:	17.58
Beta*:	-	P/B:	3.22
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	10.39
		as of date 6/30/2022	

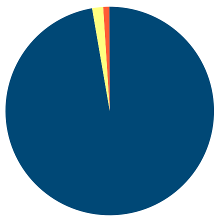
*Best fit index: Russell 3000 TR USD

*3-year statistic: Russell 3000 TR USD

Sector Allocation as of 6/30/2022

Basic Materials:	2.53
Utilities:	3.03
Real Estate:	3.87
Energy:	4.44
Cons Defensive:	6.79
Comm:	8.19
Industrials:	9.02
Cons Cyclical:	10.39
Financial Services:	13.25
Healthcare:	14.95
Technology:	23.55

Asset Allocation (%) as of 6/30/2022



Domestic Eq: 97.29
Int'l Equity: 0.93
Domestic Bond: 0.00
Int'l Bond: 0.00
Convertibles: 0.00
Preferred: 0.00
Cash: 1.70
Other: 0.08

% Emerging Mkt: 0.06

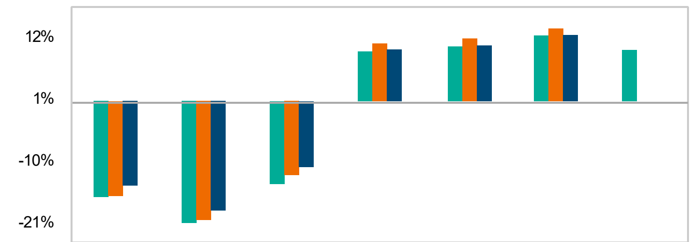
Scorecard

Passive Strategies	Ticker	Style				Peer Group				Qual. (2pt max)	Score
		Style	Style Drift	R^2	Tracking Error	TE Rank	Expense Rank	Return Rank	SR Ratio Rank		Q2 2022
Large Cap Blend											
MissionSquare Broad Market Index Fun...	92210J721	1	1	1	1	1	1	0	0	2	8
		1.87/ 87.01	0.88	99.89	0.66	6.00	74.00	87.00	90.00	-	LCB-P

Passive Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Broad Market Index Fun...	8	8	8	9	8	9	9	8
	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Broad Market Index Fund Class R1	-16.90%	-21.48%	-14.58%	8.77%	9.60%	11.55%	8.98%
Russell 1000 Index	-16.67%	-20.94%	-13.04%	10.17%	11.00%	12.82%	
Peer Group*	-14.88%	-19.30%	-11.58%	9.14%	9.77%	11.63%	
Peer Group Rank*	86	77	83	68	65	62	-
Peer Group Size (funds)*	-	-	1,359	1,225	1,107	811	-

*Morningstar Peer Group: Large Blend

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Top 10 Holdings(%) as of 6/30/2022

MissionSquare Broad Market Index M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	0.94
Prospectus Gross Exp. Ratio:	0.94
Avg Exp Ratio Morningstar (%):	0.80
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/1/1999
Share Class Inception:	10/1/1994

MissionSquare 500 Stock Index Fund Class R1 — 92210J812
Category: Large Cap Blend — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth by approximating the performance of the S&P 500® Index. This Fund follows an indexing investment approach designed to track the performance of the S&P 500® Index. Under normal circumstances, it invests at least 90% of its net assets in stocks included in the Index. The stocks are weighted to seek to track the investment characteristics and performance of the Index.

Fund Information

Strategy Asset ($ mm):	1,356.00
Share Class Assets ($ mm):	271.59
Manager:	David France
Manager Tenure:	1 Years

Portfolio Statistics

Alpha*:	-	P/E:	18.43
Beta*:	-	P/B:	3.53
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	3.46
		as of date 6/30/2022	

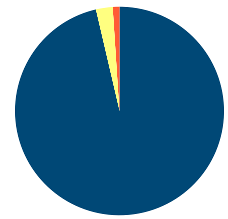
*Best fit index: S&P 500 TR USD

*3-year statistic: S&P 500 TR USD

Sector Allocation as of 6/30/2022

Basic Materials:	2.28
Real Estate:	2.93
Utilities:	3.09
Energy:	4.36
Cons Defensive:	7.43
Industrials:	8.32
Comm:	8.87
Cons Cyclical:	10.31
Financial Services:	12.95
Healthcare:	15.23
Technology:	24.24

Asset Allocation (%) as of 6/30/2022



Domestic Eq: 96.36
Int'l Equity: 1.03
Domestic Bond: 0.00
Int'l Bond: 0.00
Convertibles: 0.00
Preferred: 0.00
Cash: 2.62
Other: 0.00

% Emerging Mkt: 0.00

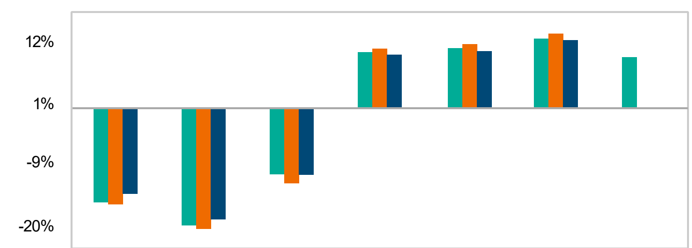
Scorecard

Passive Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Style: Tracking Error	Peer Group: TE Rank	Peer Group: Expense Rank	Peer Group: Return Rank	Peer Group: SR Ratio Rank	Qual. (2pt max)	Score Q2 2022
Large Cap Blend											
MissionSquare 500 Stock Index Fund…	92210J812	1	1	1	1	1	1	1	1	2	10
		3.01/ 98.06	2.27	99. 69	1.18	25.00	74.00	64.00	59.00	-	LCB-P

Passive Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare 500 Stock Index Fund…	10	10	10	10	10	10	9	10
	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P	LCB-P

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare 500 Stock Index Fund Class R1	-16.33%	-20.33%	-11.45%	9.60%	10.29%	11.90%	8.71%
Russell 1000 Index	-16.67%	-20.94%	-13.04%	10.17%	11.00%	12.82%	
Peer Group*	-14.88%	-19.30%	-11.58%	9.14%	9.77%	11.63%	
Peer Group Rank*	71	59	50	51	50	53	-
Peer Group Size (funds)*	-	-	1,359	1,225	1,107	811	-

*Morningstar Peer Group: Large Blend

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Top 10 Holdings(%) as of 6/30/2022

MissionSquare 500 Stock Index M / US92211E7132	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	0.94
Prospectus Gross Exp. Ratio:	0.94
Avg Exp Ratio Morningstar (%):	0.80
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/1/1999
Share Class Inception:	6/2/1997

MissionSquare Growth Fund Class R1 — 92210J689
Category: Large Cap Growth — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth. Under normal circumstances, this Fund primarily seeks exposure to U.S. common stocks that have above-average growth potential. It generally focuses on well-established large and medium sized companies based on their market capitalization. This Fund may use equity securities or pooled investment vehicles to gain the desired exposure. This Fund may also invest in other equity securities, fixed income securities, cash and cash equivalents, and derivative instruments. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	1,310.00
Share Class Assets ($ mm):	333.14
Manager:	William A. Muggia
Manager Tenure:	17 Years

Portfolio Statistics

Alpha*:	-	P/E:	21.28
Beta*:	-	P/B:	5.77
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	71.74
			as of date 6/30/2022

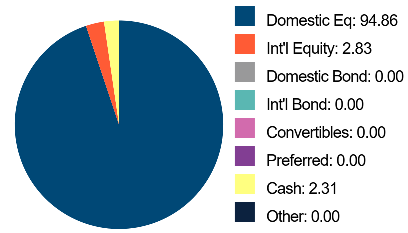
*Best fit index: Morningstar US Large Mid Brd Grt TR USD

*3-year statistic: Morningstar US Large Mid Brd Grt TR USD

Sector Allocation as of 6/30/2022

Utilities:	0.17
Basic Materials:	0.89
Real Estate:	1.35
Energy:	2.08
Cons Defensive:	3.33
Financial Services:	7.40
Industrials:	7.57
Comm:	9.05
Healthcare:	13.55
Cons Cyclical:	15.05
Technology:	39.56

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 1.12

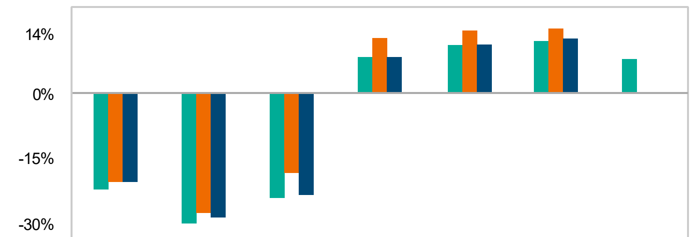
Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
Large Cap Growth											
MissionSquare Growth Fund Clas…	92210J689	1	1	1	1	0	0	1	0	2	7
		93.39/ 89.18	2.83	98.79	18.68/ 10.98	90.02/ 100.22	-1.58	47.00	78.00	-	LCG

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Growth Fund Clas…	7	7	7	7	7	7	6	5
	LCG	LCG	LCG	LCG	LCG	LCG	LCG	LCG

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Growth Fund Class R1	-22.58%	-30.54%	-24.61%	8.10%	10.98%	11.90%	7.70%
Russell 1000 Growth Index	-20.92%	-28.07%	-18.77%	12.58%	14.29%	14.80%	
Peer Group*	-20.82%	-29.12%	-23.86%	8.10%	11.01%	12.51%	
Peer Group Rank*	69	66	63	56	55	69	-
Peer Group Size (funds)*	-	-	1,248	1,138	1,052	787	-

*Morningstar Peer Group: Large Growth

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Growth M / US92211E7884	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.32
Prospectus Gross Exp. Ratio:	1.32
Avg Exp Ratio Morningstar (%):	0.97
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/4/1983
Share Class Inception:	4/4/1983

MissionSquare Aggressive Opportun Fund Class R1 92210J549

Category: Mid Cap Growth 6/30/2022

Fund Strategy

High long-term capital appreciation. Under normal circumstances, this Fund primarily seeks exposure to common stocks of U.S. and foreign companies, and generally focuses on small to medium sized companies based on market capitalization. It also seeks exposure to common stocks that are believed to provide the opportunity for high capital appreciation. This Fund may also invest in other equity securities, fixed income securities, cash and cash equivalents, and derivatives instruments. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	559.00
Share Class Assets ($ mm):	152.42
Manager:	Grant R. Babyak
Manager Tenure:	16 Years

Portfolio Statistics

Alpha*:	-	P/E:	23.29
Beta*:	-	P/B:	4.39
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	48.79
			as of date 6/30/2022

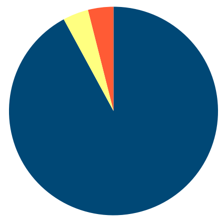
*Best fit index: Morningstar US Mid Cap Brd Grt TR USD

*3-year statistic: Morningstar US Mid Cap Brd Grt TR USD

Sector Allocation as of 6/30/2022

Utilities:	0.00
Cons Defensive:	1.05
Basic Materials:	1.42
Comm:	1.88
Real Estate:	1.92
Energy:	3.28
Financial Services:	9.02
Cons Cyclical:	12.00
Industrials:	18.31
Healthcare:	20.98
Technology:	30.13

Asset Allocation (%) as of 6/30/2022



- Domestic Eq: 92.10
- Int'l Equity: 3.94
- Domestic Bond: 0.00
- Int'l Bond: 0.00
- Convertibles: 0.00
- Preferred: 0.00
- Cash: 3.96
- Other: 0.00

% Emerging Mkt: 0.49

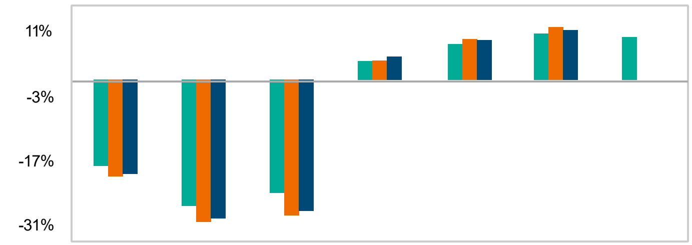
Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
Mid Cap Growth											
MissionSquare Aggressive Opport..	92210J549	1	1	1	1	0	0	0	0	2	6
		79.07/ -2.43	6.63	98.31	19.41/ 7.83	92.98/ 96.37	-0.38	74.00	93.00	-	MCG

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Aggressive Opport..	6	6	6	6	6	6	6	6
	MCG	MCG	MCG	MCG	MCG	MCG	MCG	MCG

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Aggressive Opportun Fund Class R1	-18.83%	-27.52%	-24.73%	4.09%	7.83%	10.04%	9.27%
Russell Mid-Cap Growth Index	-21.07%	-31.00%	-29.57%	4.25%	8.88%	11.50%	
Peer Group*	-20.56%	-30.28%	-28.58%	5.04%	8.69%	10.82%	
Peer Group Rank*	34	31	33	63	66	71	-
Peer Group Size (funds)*	-	-	586	532	493	380	-

*Morningstar Peer Group: Mid-Cap Growth

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Aggressive Opportun M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.40
Prospectus Gross Exp. Ratio:	1.40
Avg Exp Ratio Morningstar (%):	1.06
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	10/3/1994
Share Class Inception:	10/3/1994

JPMorgan Small Cap Value I

Category: Small Cap Value

PSOPX

6/30/2022

Fund Strategy

The investment seeks long-term capital growth primarily by investing in equity securities of small-capitalization companies. The fund invests at least 80% of its assets in equity securities of small cap companies. "Assets" means net assets, plus the amount of borrowings for investment purposes. Small cap companies are companies with market capitalizations equal to those within the universe of the Russell 2000® Value Index stocks at the time of purchase. In reviewing investment opportunities for the fund, its adviser uses a value-oriented approach. In implementing its main strategies, the fund's equity investments are primarily in common stocks and REITs.

Fund Information

Strategy Asset ($ mm):	1,293.00
Share Class Assets ($ mm):	235.00
Manager:	Phillip D. Hart
Manager Tenure:	12 Years

Portfolio Statistics

Alpha*:	1.28	P/E:	11.05
Beta*:	0.98	P/B:	1.52
	as of date 5/31/2022	SEC Yield (%):	-
		Turnover:	-
			as of date 6/30/2022

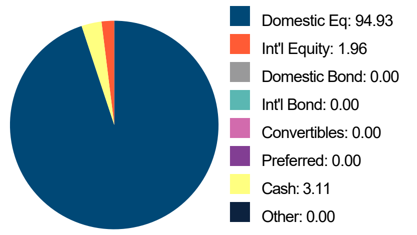
*Best fit index: Russell 2000 Value TR USD

*3-year statistic: Russell 2000 Value TR USD

Sector Allocation as of 5/31/2022

Comm:	3.54
Cons Defensive:	3.55
Basic Materials:	4.23
Utilities:	5.41
Cons Cyclical:	6.42
Technology:	6.79
Healthcare:	8.80
Energy:	11.32
Real Estate:	13.36
Industrials:	14.50
Financial Services:	22.09

Asset Allocation (%) as of 5/31/2022



% Emerging Mkt: 1.24

Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
Small Cap Value											
JPMorgan Small Cap Value I	PSOPX	1	1	1	1	0	0	1	1	2	8
		-95.59/ -90.04	7.15	99.04	22.46/ 4.66	98.35/ 99.26	-0.10	33.00	41.00	-	SCV

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
JPMorgan Small Cap Value I	8	8	7	7	6	6	6	6
	SCV	SCV	SCV	SCV	SCV	SCV	SCV	SCV

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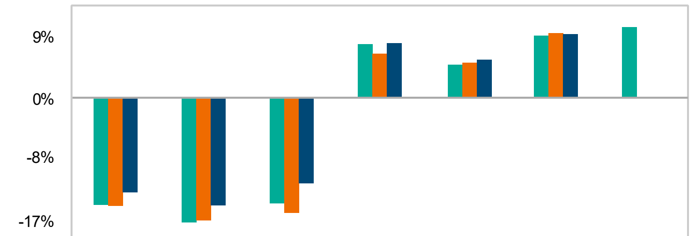
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
JPMorgan Small Cap Value I	-15.14%	-17.62%	-14.92%	7.51%	4.66%	8.75%	9.93%
Russell 2000 Value Index	-15.28%	-17.31%	-16.28%	6.18%	4.89%	9.05%	
Peer Group*	-13.40%	-15.20%	-12.12%	7.63%	5.36%	8.93%	
Peer Group Rank*	77	81	79	44	62	59	-
Peer Group Size (funds)*	-	-	466	439	412	314	-

*Morningstar Peer Group: Small Value

Top 10 Holdings(%) as of 5/31/2022

JPMorgan Prime Money Market IM / JIMXX	3.11
Ovintiv Inc / OVV	1.64
New Jersey Resources Corp / NJR	1.17
Tri Pointe Homes Inc / TPH	1.11
Option Care Health Inc / OPCH	1.04
Antero Resources Corp / AR	1.02
Allscripts Healthcare Solutions Inc / MDRX	0.97
CNX Resources Corp / CNX	0.88
EMCOR Group Inc / EME	0.86
PDC Energy Inc / PDCE	0.84
% in Top 10 Holdings	12.64
# of Holdings	412

Additional Information

Prospectus Net Exp. Ratio:	0.99
Prospectus Gross Exp. Ratio:	1.01
Avg Exp Ratio Morningstar (%):	1.15
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$1,000,000
Waiver Amt:	0.02
Waiver Exp Date:	10/31/2022
Strategy Inception:	1/27/1995
Share Class Inception:	1/27/1995

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Contact (800) 959-0071 for most recent month end performance.

MissionSquare Small Cap Discovery Fund Class R1 — 92210J481
Category: Small Cap Blend — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth. Under normal circumstances, this Fund primarily seeks exposure to a combination of U.S. common stocks and equity index futures. It focuses on small sized companies, based on their market capitalization, that have above-average growth potential. It also holds a portfolio of fixed income securities that are, in part, collateral for the use of futures. These fixed income securities are generally investment grade and have a relatively low effective duration. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	273.00
Share Class Assets ($ mm):	66.16
Manager:	James T. Wong
Manager Tenure:	8 Years

Portfolio Statistics

Alpha*:	-	P/E:	11.20
Beta*:	-	P/B:	1.62
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	144.64
			as of date 6/30/2022

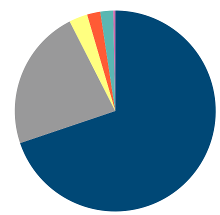
*Best fit index: Morningstar US Small Cap Ext TR USD

*3-year statistic: Morningstar US Small Cap Ext TR USD

Sector Allocation as of 6/30/2022

Comm:	2.63
Utilities:	2.89
Energy:	4.39
Basic Materials:	4.84
Cons Defensive:	5.03
Real Estate:	9.22
Cons Cyclical:	10.34
Technology:	11.79
Healthcare:	13.76
Financial Services:	16.71
Industrials:	18.41

Asset Allocation (%) as of 6/30/2022



- Domestic Eq: 69.82
- Int'l Equity: 2.14
- Domestic Bond: 22.69
- Int'l Bond: 2.07
- Convertibles: 0.32
- Preferred: 0.00
- Cash: 2.96
- Other: 0.00

% Emerging Mkt: 0.18

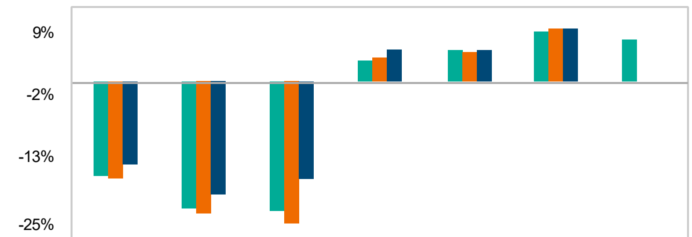
Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
Small Cap Blend											
MissionSquare Small Cap Discovery Fu...	92210J481	1	1	1	1	1	1	1	1	2	10
		-4.27/ -83.37	8.03	98.89	22.07/ 5.54	98.47/ 97.37	0.16	24.00	26.00	-	SCB

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Small Cap Discovery Fu...	10	10	10	9	7	8	10	8
	SCB	SCB	SCB	SCB	SCB	SCB	SCB	SCB

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Small Cap Discovery Fund Class R1	-16.73%	-22.49%	-22.97%	3.68%	5.54%	8.82%	7.39%
Russell 2000 Index	-17.20%	-23.43%	-25.20%	4.21%	5.17%	9.35%	
Peer Group*	-14.72%	-20.06%	-17.27%	5.65%	5.58%	9.40%	
Peer Group Rank*	76	75	83	82	56	73	-
Peer Group Size (funds)*	-	-	605	576	528	350	-

*Morningstar Peer Group: Small Blend

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Small Cap Discovery M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.36
Prospectus Gross Exp. Ratio:	1.36
Avg Exp Ratio Morningstar (%):	0.98
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	10/30/2007
Share Class Inception:	4/14/2008

MissionSquare Mid/Small Company Index Fund Cl R1 — 92210J572
Category: SMid Cap Blend — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth by approximating the performance of the Russell 2500™ Index. This Fund follows an indexing investment approach designed to track the performance of the Russell 2500™ Index. Under normal circumstances, it invests at least 90% of its net assets in stocks included in the Index. The stocks are weighted to seek to track the investment characteristics and performance of the Index.

Fund Information

Strategy Asset ($ mm):	407.00
Share Class Assets ($ mm):	85.31
Manager:	David France
Manager Tenure:	1 Years

Portfolio Statistics

Alpha*:	-	P/E:	12.46
Beta*:	-	P/B:	2.00
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	20.66
		as of date 6/30/2022	

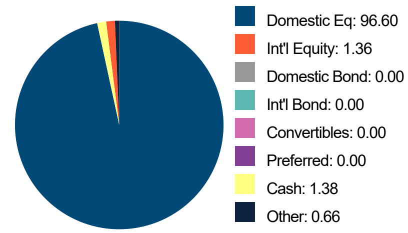
*Best fit index: Morningstar US Small Cap Ext TR USD

*3-year statistic: Morningstar US Small Cap Ext TR USD

Sector Allocation as of 6/30/2022

Comm:	2.96
Utilities:	3.14
Cons Defensive:	3.68
Basic Materials:	3.91
Energy:	4.58
Real Estate:	9.86
Cons Cyclical:	11.52
Healthcare:	13.15
Financial Services:	15.04
Technology:	15.55
Industrials:	16.62

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 0.47

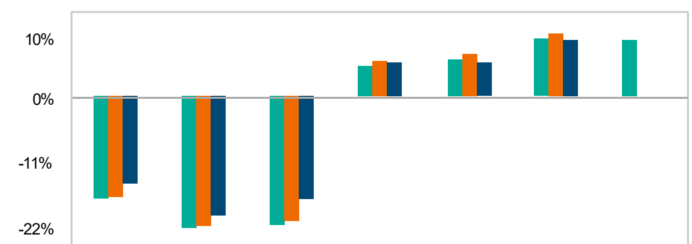
Scorecard

Passive Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Style: Tracking Error	Peer Group: TE Rank	Peer Group: Expense Rank	Peer Group: Return Rank	Peer Group: SR Ratio Rank	Qual. (2pt max)	Score Q2 2022
SMid Cap Blend											
MissionSquare Mid/Small Compa...	92210J572	1	1	1	1	1	0	1	1	1	8
		-19.04/ -57.48	12.46	100.00	0.11	11.00	100.00	56.00	38.00	E	SMCB-P

Passive Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Mid/Small Compa...	8	6	6	6	6	6	6	6
	SMCB-P	SMCB-P	SMCB-P	SMCB-P	SMCB-P	SMCB-P	SMCB-P	SMCB-P

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Mid/Small Company Index Fund Cl R1	-17.17%	-22.16%	-21.68%	5.04%	6.14%	9.61%	9.40%
Russell 2500 Index	-16.98%	-21.81%	-21.00%	5.91%	7.04%	10.49%	
Peer Group*	-14.72%	-20.06%	-17.27%	5.65%	5.58%	9.40%	
Peer Group Rank*	83	73	79	63	43	51	-
Peer Group Size (funds)*	-	-	605	576	528	350	-

*Morningstar Peer Group: Small Blend

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Mid/Small Co Index M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	0.95
Prospectus Gross Exp. Ratio:	0.95
Avg Exp Ratio Morningstar (%):	0.98
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/1/1999
Share Class Inception:	6/2/1997

MissionSquare Overseas Equity Index Fund Class R1 — 92210J432
Category: International Large Cap Blend — 6/30/2022

Fund Strategy

This Fund seeks to offer long-term capital growth and diversification by approximating the performance of the MSCI Europe Australasia Far East (EAFE) Index (Net). This Fund follows an indexing investment approach designed to track the performance of the MSCI Europe Australasia Far East (EAFE) Index (Net). Under normal circumstances, it invests at least 90% of its net assets in stocks included in the Index. The stocks are weighted to seek to track the investment characteristics and performance of the Index.

Fund Information

Strategy Asset ($ mm):	379.00
Share Class Assets ($ mm):	74.87
Manager:	David France
Manager Tenure:	1 Years

Portfolio Statistics

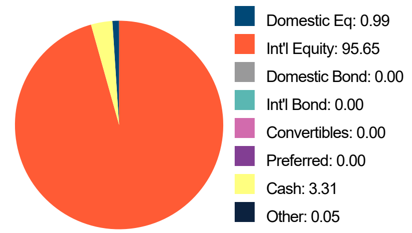
Alpha*:	-	P/E:	12.62
Beta*:	-	P/B:	1.55
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	4.98
			as of date 6/30/2022

*Best fit index: Morningstar Dev Europe TME NR USD
*3-year statistic: Morningstar Dev Europe TME NR USD

Country Exposure(%) as of 6/30/2022

US:	1.02
Canada:	0.00
Latin America:	0.10
United Kingdom:	15.26
EuroZone:	30.16
Europe ex-EuroZone:	18.04
Europe Emerging:	0.00
Africa:	0.00
Middle East:	0.68
Japan:	22.05
Australasia:	7.93
Asia Developed:	4.66
Asia Emerging:	0.11

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 0.21

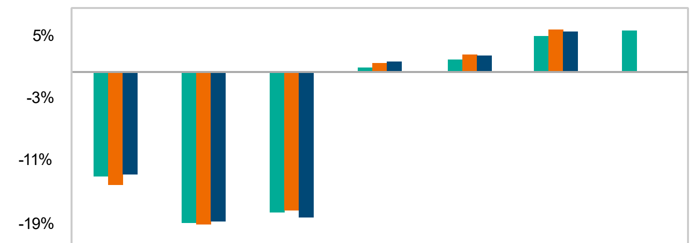
Scorecard

Passive Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Style: Tracking Error	Peer Group: TE Rank	Peer Group: Expense Rank	Peer Group: Return Rank	Peer Group: SR Ratio Rank	Qual. (2pt max)	Score Q2 2022
International Large Cap Blend											
MissionSquare Overseas Equity...	92210J432	1	1	1	1	1	0	1	1	2	9
		-4.43/ 73.11	18.02	98.60	2.13	68.00	84.00	74.00	74.00	-	ILCB-P

Passive Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Overseas Equity...	9	10	9	9	10	10	10	10
	ILCB-P	ILCB-P	ILCB-P	ILCB-P	ILCB-P	ILCB-P	ILCB-P	ILCB-P

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Overseas Equity Index Fund Class R1	-13.43%	-19.38%	-18.02%	0.52%	1.53%	4.56%	5.29%
MSCI EAFE ND USD	-14.51%	-19.57%	-17.77%	1.07%	2.20%	5.40%	
Peer Group*	-13.15%	-19.18%	-18.69%	1.31%	2.08%	5.11%	
Peer Group Rank*	55	56	44	74	72	75	-
Peer Group Size (funds)*	-	-	754	699	607	414	-

*Morningstar Peer Group: Foreign Large Blend

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Overseas Equity Index M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.03
Prospectus Gross Exp. Ratio:	1.03
Avg Exp Ratio Morningstar (%):	0.91
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/1/1999
Share Class Inception:	6/2/1997

MissionSquare International Fund Class R1
Category: International Large Cap Blend

92210J390
6/30/2022

Fund Strategy

Long-term capital growth and diversification by country. Under normal circumstances, this Fund invests at least 80% of its net assets in non-U.S. equity securities, including emerging market equity securities. This Fund primarily seeks exposure to common stocks of companies located outside of the United States. It seeks to invest in companies that are undervalued or that have above-average growth potential. The Fund may also invest in U.S. equity securities, fixed income securities, cash and cash equivalents, and derivative instruments. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	289.00
Share Class Assets ($ mm):	67.24
Manager:	Jane E. Henderson
Manager Tenure:	13 Years

Portfolio Statistics

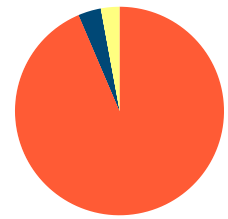
Alpha*:	-	P/E:	9.61
Beta*:	-	P/B:	1.43
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	78.56
			as of date 6/30/2022

*Best fit index: Morningstar Global ex-US TME NR USD
*3-year statistic: Morningstar Global ex-US TME NR USD

Country Exposure(%) as of 6/30/2022

US:	3.62
Canada:	5.90
Latin America:	3.22
United Kingdom:	12.07
EuroZone:	30.72
Europe ex-EuroZone:	18.13
Europe Emerging:	0.01
Africa:	0.01
Middle East:	2.34
Japan:	10.26
Australasia:	5.05
Asia Developed:	3.61
Asia Emerging:	5.05

Asset Allocation (%) as of 6/30/2022



- Domestic Eq: 3.52
- Int'l Equity: 93.59
- Domestic Bond: 0.00
- Int'l Bond: 0.00
- Convertibles: 0.00
- Preferred: 0.00
- Cash: 2.90
- Other: 0.00

% Emerging Mkt: 8.29

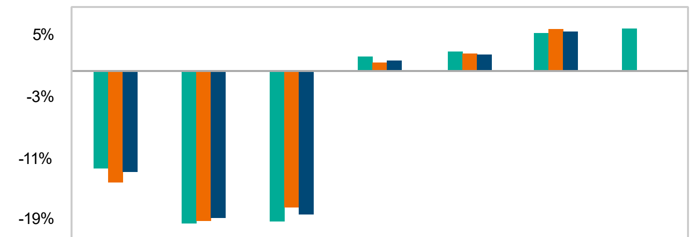
Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
International Large Cap Blend											
MissionSquare International Fun...	92210J390	1	1	1	1	1	1	1	1	1	9
		-8.37/ 32.03	14.71	97. 08	16.71/ 2.46	107.12/ 105.21	0.09	26.00	24.00	E/S	ILCB

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare International Fun...	9	7	10	7	7	7	9	9
	ILCB	ILCB	ILCB	ILCB	ILCB	ILCB	ILCB	ILCB

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare International Fund Class R1	-12.74%	-19.88%	-19.64%	1.83%	2.46%	4.87%	5.49%
MSCI EAFE ND USD	-14.51%	-19.57%	-17.77%	1.07%	2.20%	5.40%	
Peer Group*	-13.15%	-19.18%	-18.69%	1.31%	2.08%	5.11%	
Peer Group Rank*	34	62	65	37	43	62	-
Peer Group Size (funds)*	-	-	754	699	607	414	-

*Morningstar Peer Group: Foreign Large Blend

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare International M / US92211E7470	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.51
Prospectus Gross Exp. Ratio:	1.51
Avg Exp Ratio Morningstar (%):	0.91
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	10/3/1994
Share Class Inception:	10/3/1994

MissionSquare Emerging Markets Fund Class R1 92210J283
Category: Emerging Market Equity 6/30/2022

Fund Strategy

Long-term capital growth. Under normal circumstances, this Fund seeks to invest at least 80% of its net assets in emerging market equity securities that offer the opportunity for capital appreciation. It primarily invests in equity securities of companies located in emerging market countries, but may also invest in emerging market securities issued by companies located in developed market countries. The Fund may also invest in other equity securities, fixed income securities, cash and cash equivalents, and derivative instruments. This Fund uses multiple managers. Each manager independently selects and maintains a portfolio for this Fund.

Fund Information

Strategy Asset ($ mm):	118.00
Share Class Assets ($ mm):	29.32
Manager:	Ian J. Beattie
Manager Tenure:	5 Years

Portfolio Statistics

Alpha*:	-	P/E:	13.56
Beta*:	-	P/B:	2.05
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	55.29
		as of date 6/30/2022	

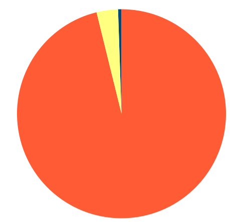
*Best fit index: MSCI EM NR USD

*3-year statistic: MSCI EM NR USD

Country Exposure(%) as of 6/30/2022

US:	0.54
Canada:	0.00
Latin America:	9.33
United Kingdom:	1.81
EuroZone:	1.00
Europe ex-EuroZone:	0.00
Europe Emerging:	0.57
Africa:	1.74
Middle East:	0.46
Japan:	0.00
Australasia:	0.01
Asia Developed:	28.88
Asia Emerging:	55.65

Asset Allocation (%) as of 6/30/2022



Domestic Eq: 0.53
Int'l Equity: 96.16
Domestic Bond: 0.00
Int'l Bond: 0.00
Convertibles: 0.00
Preferred: 0.00
Cash: 3.31
Other: 0.00

% Emerging Mkt: 67.43

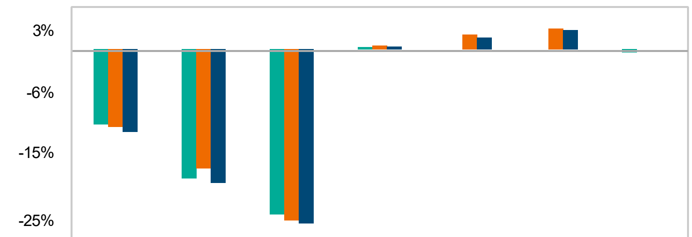
Scorecard

Active Strategies	Ticker	Style			Risk / Return			Peer Group		Qual. (2pt max)	Score
		Style	Style Drift	R^2	Risk / Return	Up / Down	Info Ratio	Return Rank	Info Ratio Rank		Q2 2022
Emerging Market Equity											
MissionSquare Emerging Market..	92210J283	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Emerging Market..	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Emerging Markets Fund Class R1	-11.09%	-19.04%	-24.36%	0.31%			-0.49%
MSCI EM (Emerging Markets) ND USD	-11.45%	-17.63%	-25.28%	0.57%	2.18%	3.06%	
Peer Group*	-12.20%	-19.73%	-25.71%	0.38%	1.71%	2.84%	
Peer Group Rank*	36	51	41	52	-	-	-
Peer Group Size (funds)*	-	-	817	734	635	364	-

*Morningstar Peer Group: Diversified Emerging Mkts

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Emerging Markets M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.59
Prospectus Gross Exp. Ratio:	1.59
Avg Exp Ratio Morningstar (%):	1.19
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	7/7/2017
Share Class Inception:	12/12/2017

MissionSquare MP Global Equity Grwth Fund Class R1 — 92210J606
Category: Global Equity — 6/30/2022

Fund Strategy

The objective is to offer high long-term capital growth.The Fund invests, under normal circumstances, 100% of its net assets in equity funds by investing in a combination of other MissionSquare Funds Class M and third party ETFs whose assets are invested, under normal circumstances, at least 80% in equity securities (common and preferred stock) or instruments that provide equity exposure.

Fund Information

Strategy Asset ($ mm):	809.00
Share Class Assets ($ mm):	182.26
Manager:	Wayne Wicker
Manager Tenure:	18 Years

Portfolio Statistics

Alpha*:	-	P/E:	14.42
Beta*:	-	P/B:	2.31
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	69.86
		as of date 6/30/2022	

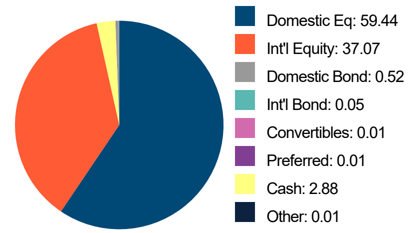
*Best fit index: Morningstar Global TME NR USD

*3-year statistic: Morningstar Global TME NR USD

Country Exposure(%) as of 6/30/2022

US:	61.59
Canada:	1.45
Latin America:	1.66
United Kingdom:	4.01
EuroZone:	8.93
Europe ex-EuroZone:	5.31
Europe Emerging:	0.06
Africa:	0.18
Middle East:	0.61
Japan:	3.60
Australasia:	1.58
Asia Developed:	4.14
Asia Emerging:	6.88

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 8.78

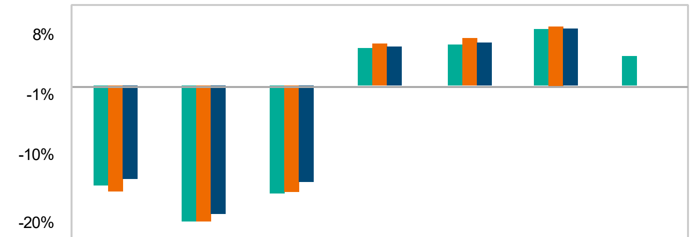
Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Components: Allocation	Score Components: Selection	Score: Q2 2022
Global Equity													
MissionSquare MP Global Equity Grwt..	92210J606	1	1	1	1	0	0	0	0	2	6	-	-
		2.99/ 52.13	14.06	99.48	16.16/ 6.08	96.41/ 100.31	-0.79	52.00	68.00	-			-

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare MP Global Equity Grwt..	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare MP Global Equity Grwth Fund Class R1	-14.83%	-20.16%	-16.02%	5.56%	6.08%	8.34%	4.35%
MSCI ACWI NR	-15.66%	-20.18%	-15.75%	6.21%	7.00%	8.76%	
Peer Group*	-13.82%	-19.03%	-14.29%	5.76%	6.34%	8.45%	
Peer Group Rank*	55	56	63	52	60	58	-
Peer Group Size (funds)*	-	-	339	304	272	168	-

*Morningstar Peer Group: Global Large-Stock Blend

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare MP Global Equity Grwth M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.34
Prospectus Gross Exp. Ratio:	1.34
Avg Exp Ratio Morningstar (%):	0.93
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	10/2/2000
Share Class Inception:	10/2/2000

MissionSquare Core Bond Index Fund Class R1

Category: Core Fixed Income

92210F109

6/30/2022

Fund Strategy

Current income by approximating the performance of the Bloomberg U.S. Aggregate Bond Index. This Fund seeks to track the performance and investment characteristics of the Index. It typically holds less securities than are contained in the Index. The securities are then weighted to seek the investment characteristics and performance of the Index. Under normal circumstances, at least 80% of this Fund's net assets are invested in bonds and other fixed income securities included in the Index. It may also invest in other fixed income instruments, cash and cash equivalents and derivative instruments.

Fund Information

Strategy Asset ($ mm):	479.00
Share Class Assets ($ mm):	90.10
Manager:	Gregory A. Lee
Manager Tenure:	1 Years

Portfolio Statistics

Alpha*:	-	P/E:	-
Beta*:	-	P/B:	-
	as of date 6/30/2022	SEC Yield (%):	-
		Turnover:	203.73
			as of date 6/30/2022

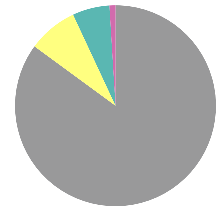
*Best fit index: Morningstar US Core Bd TR USD

*3-year statistic: Morningstar US Core Bd TR USD

Fixed Income Detail as of 6/30/2022

Average Effective Duration*:	6.38
Effective Maturity:	8.60

Asset Allocation (%) as of 6/30/2022



- Domestic Eq: 0.00
- Int'l Equity: 0.00
- Domestic Bond: 85.06
- Int'l Bond: 5.98
- Convertibles: 0.97
- Preferred: 0.00
- Cash: 7.99
- Other: 0.00

% Emerging Mkt: 0.00

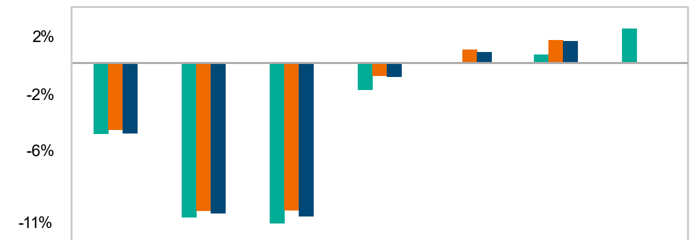
Scorecard

Passive Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Style: Tracking Error	Peer Group: TE Rank	Peer Group: Expense Rank	Peer Group: Return Rank	Peer Group: SR Ratio Rank	Qual. (2pt max)	Score Q2 2022
Core Fixed Income											
MissionSquare Core Bond Index Fund...	92210F109	1	1	1	1	1	0	0	0	2	7
		-3.31/ 39.70	6.39	99.43	0.35	64.00	77.00	79.00	81.00	-	CFI-P

Passive Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Core Bond Index Fund...	7	7	8	8	8	7	8	9
	CFI-P	CFI-P	CFI-P	CFI-P	CFI-P	CFI-P	CFI-P	CFI-P

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Core Bond Index Fund Class R1	-4.97%	-10.79%	-11.22%	-1.91%	-0.10%	0.54%	2.36%
BB Aggregate Bond	-4.69%	-10.35%	-10.29%	-0.93%	0.88%	1.54%	
Peer Group*	-4.93%	-10.53%	-10.74%	-1.00%	0.72%	1.47%	
Peer Group Rank*	52	60	68	95	95	96	-
Peer Group Size (funds)*	-	-	440	396	359	264	-

*Morningstar Peer Group: Intermediate Core Bond

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Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Core Bond Index M / US92211E7215	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	0.95
Prospectus Gross Exp. Ratio:	0.95
Avg Exp Ratio Morningstar (%):	0.59
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	4/1/1999
Share Class Inception:	6/2/1997

Western Asset Core Plus Bond I
Category: Core Fixed Income

WACPX
6/30/2022

Fund Strategy

The investment seeks to maximize total return, consistent with prudent investment management and liquidity needs. The fund invests in a portfolio of fixed income securities of various maturities and, under normal market conditions, will invest at least 80% of its net assets in debt and fixed income securities. Although the fund may invest in securities of any maturity, it will normally maintain a dollar-weighted average effective duration within 30% of the average duration of the domestic bond market as a whole as estimated by the fund's subadvisers. The fund may invest up to 20% of its total assets in non-U.S. dollar denominated securities.

Fund Information

Strategy Asset ($ mm):	31,806.00
Share Class Assets ($ mm):	20,004.00
Manager:	Mark S. Lindbloom
Manager Tenure:	16 Years

Portfolio Statistics

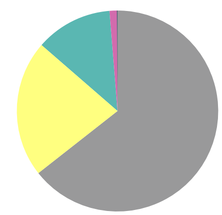
Alpha*:	-0.50	P/E:	-
Beta*:	1.45	P/B:	-
	as of date 3/31/2022	SEC Yield (%):	3.51
		Turnover:	79.00
			as of date 6/30/2022

*Best fit index: Bloomberg US Universal TR USD
*3-year statistic: Bloomberg US Universal TR USD

Fixed Income Detail as of 3/31/2022

Average Effective Duration*:	7.47
Effective Maturity:	14.15

Asset Allocation (%) as of 3/31/2022



- Domestic Eq: 0.00
- Int'l Equity: 0.00
- Domestic Bond: 64.40
- Int'l Bond: 12.34
- Convertibles: 1.18
- Preferred: 0.00
- Cash: 22.00
- Other: 0.09

% Emerging Mkt: 0.00

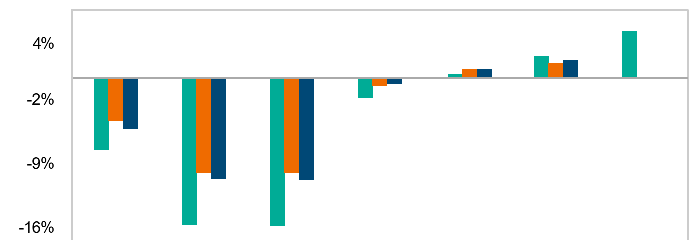
Scorecard

Active Strategies	Ticker	Style			Risk / Return			Peer Group		Qual. (2pt max)	Score
		Style	Style Drift	R^2	Risk / Return	Up / Down	Info Ratio	Return Rank	Info Ratio Rank		Q2 2022
Core Fixed Income											
Western Asset Core Plus Bond I	WACPX	1	1	0	0	0	0	1	1	2	6
		-36.42/ 42.05	21.40	77.80	6.02/ 0.39	133.29/ 146.34	-0.16	13.00	17.00	-	CFI

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
Western Asset Core Plus Bond I	6	8	9	8	8	8	8	9
	CFI	CFI	CFI	CFI	CFI	CFI	CFI	CFI

The Scorecard Methodology incorporates both quantitative and qualitative factors into evaluating fund managers and their investment strategies (80% of the score is quantitative and 20% is qualitative). The scoring system is built around pass/fail criteria, on a scale of 0-10 (with 10 being the best) and there is a fund history requirement (5 years for active strategies and 3 years for passive strategies). For Active and Asset Allocation Strategies, the Scorecard factors are weighted 30% to style, 30% to risk/return, 20% to peer group rankings and 20% to qualitative factors.

Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
Western Asset Core Plus Bond I	-7.83%	-15.96%	-16.07%	-2.19%	0.39%	2.27%	4.99%
BB Aggregate Bond	-4.69%	-10.35%	-10.29%	-0.93%	0.88%	1.54%	
Peer Group*	-5.51%	-10.91%	-11.10%	-0.73%	0.94%	1.91%	
Peer Group Rank*	99	99	99	95	82	24	-
Peer Group Size (funds)*	-	-	607	566	504	361	-

*Morningstar Peer Group: Intermediate Core-Plus Bond

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Top 10 Holdings(%) as of 3/31/2022

United States Treasury Bonds 1.25%	2.09
United States Treasury Bonds 1.375%	1.98
Western Asset Prem Instl Govtt Rsrv Pref / WACXX	1.96
United States Treasury Notes 1.25%	1.95
United States Treasury Notes 0.25%	1.91
United States Treasury Bonds 1.875%	1.76
United States Treasury Bonds 2.875%	1.54
United States Treasury Notes 0.25%	1.51
China (People's Republic Of) 3.29%	1.30
United States Treasury Bonds 1.625%	1.14
% in Top 10 Holdings	17.14
# of Holdings	3,025

Additional Information

Prospectus Net Exp. Ratio:	0.45
Prospectus Gross Exp. Ratio:	0.52
Avg Exp Ratio Morningstar (%):	0.73
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$1,000,000
Waiver Amt:	0.07
Waiver Exp Date:	12/31/2023
Strategy Inception:	7/8/1998
Share Class Inception:	7/8/1998

MissionSquare Inflation Focused Fund Class R1

Category: U.S. Government TIPS

92210F885

6/30/2022

Fund Strategy

Inflation protection and income. Under normal conditions, this Fund seeks exposure to a combination of inflation-indexed fixed income instruments, other fixed income instruments and inflation-linked derivatives. To the extent this Fund invests in fixed income instruments that are not inflation-indexed, it may use inflation-linked derivatives in connection with such investments. The Fund generally invests in investment grade fixed income securities and securities denominated in U.S. dollars. It may also invest in cash and cash equivalents, and other derivative instruments. This Fund uses multiple managers and each independently selects and maintains a portfolio.

Fund Information

Strategy Asset ($ mm):	621.00
Share Class Assets ($ mm):	126.62
Manager:	Michael S. Canter
Manager Tenure:	6 Years

Portfolio Statistics

Alpha*:	-	P/E:	59.99
Beta*:	-	P/B:	5.13
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	282.44
		as of date 6/30/2022	

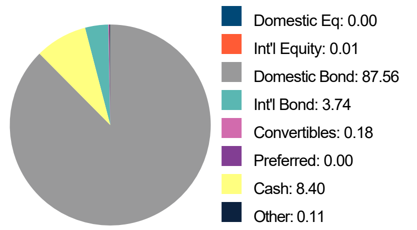
*Best fit index: Bloomberg US Treasury US TIPS TR USD

*3-year statistic: Bloomberg US Treasury US TIPS TR USD

Fixed Income Detail as of 6/30/2022

Average Effective Duration*:	6.83
Effective Maturity:	7.72

Asset Allocation (%) as of 6/30/2022



% Emerging Mkt: 0.00

Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
U.S. Government TIPS											
MissionSquare Inflation Focused...	92210F885	1	1	1	0	0	0	0	0	2	5
		-90.82/ 90.61	0.87	98.65	4.44/ 2.22	92.26/ 108.42	-1.87	55.00	84.00	-	UGT

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare Inflation Focused...	5	5	5	5	5	5	5	5
	UGT	UGT	UGT	UGT	UGT	UGT	UGT	UGT

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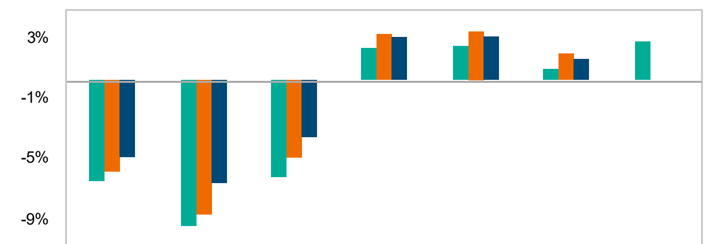
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare Inflation Focused Fund Class R1	-6.70%	-9.69%	-6.44%	2.09%	2.22%	0.71%	2.54%
BB TIPS	-6.08%	-8.92%	-5.14%	3.04%	3.21%	1.73%	
Peer Group*	-5.12%	-6.81%	-3.79%	2.82%	2.85%	1.39%	
Peer Group Rank*	82	84	84	84	94	91	-
Peer Group Size (funds)*	-	-	207	198	185	125	-

*Morningstar Peer Group: Inflation-Protected Bond

Top 10 Holdings(%) as of 6/30/2022

MissionSquare Inflation Focused M /...	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	100.00
# of Holdings	1

Additional Information

Prospectus Net Exp. Ratio:	1.15
Prospectus Gross Exp. Ratio:	1.15
Avg Exp Ratio Morningstar (%):	0.60
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	7/1/1992
Share Class Inception:	7/1/1992

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MissionSquare PLUS Fund Class R1

Category: Stable Value

92208J105

6/30/2022

Fund Strategy

The PLUS Fund's investment objective is to seek to offer a competitive level of income consistent with providing capital preservation and meeting liquidity needs.MissionSquare Investments employs a structured and diversified multi-product, multi-manager approach in managing the PLUS Fund. The PLUS Fund invests primarily in a diversified and tiered portfolio of stable value investment contracts and in fixed income securities, fixed income mutual funds, and fixed income commingled trust funds that back certain stable value investment contracts. In addition, the PLUS Fund invests in money market mutual funds, as well as cash and cash equivalents.

Fund Information

Strategy Asset ($ mm):	
Share Class Assets ($ mm):	1,235.04
Manager:	Karen Chong-Wulff
Manager Tenure:	15 Years

Portfolio Statistics

Alpha*:	-	P/E:	-
Beta*:	-	P/B:	-
as of date 6/30/2022		SEC Yield (%):	-
		Turnover:	-
		as of date 6/30/2022	

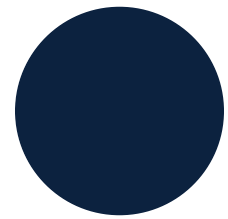
*Best fit index: MSCI World/Metals & Mining NR USD

*3-year statistic: MSCI World/Metals & Mining NR USD

Fixed Income Detail as of 6/30/2022

Average Effective Duration*:	3.00
Effective Maturity:	5.12

Asset Allocation (%) as of 6/30/2022



Domestic Eq: 0.00
Int'l Equity: 0.00
Domestic Bond: 0.00
Int'l Bond: 0.00
Convertibles: 0.00
Preferred: 0.00
Cash: 0.00
Other: 100.00

% Emerging Mkt: 0.00

Scorecard

Active Strategies	Ticker	Style			Risk / Return			Peer Group		Qual. (2pt max)	Score
		Style	Style Drift	R^2	Risk / Return	Up / Down	Info Ratio	Return Rank	Info Ratio Rank		Q2 2022
Stable Value											
MissionSquare PLUS Fund Class R1	92208J105	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
MissionSquare PLUS Fund Class R1	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

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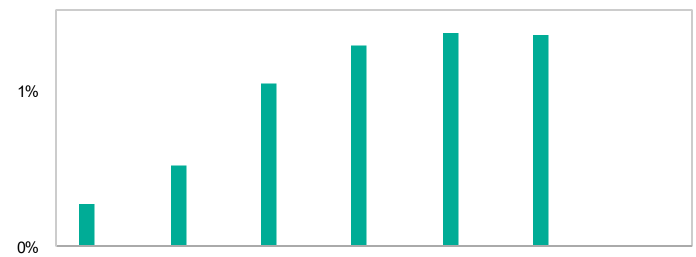
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
MissionSquare PLUS Fund Class R1	0.27%	0.51%	1.03%	1.28%	1.36%	1.34%	
Peer Group*							
Peer Group Rank*	-	-	-	-	-	-	-
Peer Group Size (funds)*	-	-	-	-	-	-	-

*Morningstar Peer Group: Stable Value

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Top 10 Holdings(%) as of 6/30/2022

MissionSquare PLUS Fund M / US92211E5805	100.00
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
-	-
% in Top 10 Holdings	-
# of Holdings	78

Additional Information

Prospectus Net Exp. Ratio:	1.32
Prospectus Gross Exp. Ratio:	1.32
Avg Exp Ratio Morningstar (%):	-
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$0
Waiver Amt:	-
Waiver Exp Date:	-
Strategy Inception:	7/11/2018
Share Class Inception:	1/2/1991

Fidelity Inv MM Fds Government III

Category: Money Market

FCGXX

6/30/2022

Fund Strategy

The investment seeks to obtain as high a level of current income as is consistent with the preservation of principal and liquidity within the limitations prescribed for the fund. The fund normally invests at least 99.5% of total assets in cash, U.S. government securities and/or repurchase agreements that are collateralized fully. It invests in U.S. government securities issued by entities that are chartered or sponsored by Congress but whose securities are neither issued nor guaranteed by the U.S. Treasury. The fund normally invests at least 80% of its assets in U.S. government securities and repurchase agreements for those securities.

Fund Information

Strategy Asset ($ mm):	116,850.00
Share Class Assets ($ mm):	3,859.00
Manager:	Management Team
Manager Tenure:	19 Years

Portfolio Statistics

Alpha*:	-0.20	P/E:	-
Beta*:	0.45	P/B:	-
	as of date 5/31/2022	SEC Yield (%):	-
		Turnover:	-
			as of date 6/30/2022

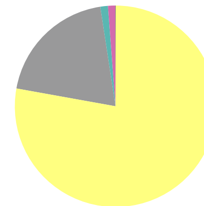
*Best fit index: Morningstar USD 1M Cash TR USD

*3-year statistic: Morningstar USD 1M Cash TR USD

Fixed Income Detail as of 5/31/2022

Average Effective Duration*:	-
Effective Maturity:	-

Asset Allocation (%) as of 5/31/2022



- Domestic Eq: 0.00
- Int'l Equity: 0.00
- Domestic Bond: 19.75
- Int'l Bond: 1.22
- Convertibles: 1.16
- Preferred: 0.00
- Cash: 77.83
- Other: 0.04

% Emerging Mkt: 0.00

Scorecard

Active Strategies	Ticker	Style			Risk / Return			Peer Group		Qual. (2pt max)	Score
		Style	Style Drift	R^2	Risk / Return	Up / Down	Info Ratio	Return Rank	Info Ratio Rank		Q2 2022
Money Market											
Fidelity Inv MM Fds Government III	FCGXX	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
Fidelity Inv MM Fds Government III	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-

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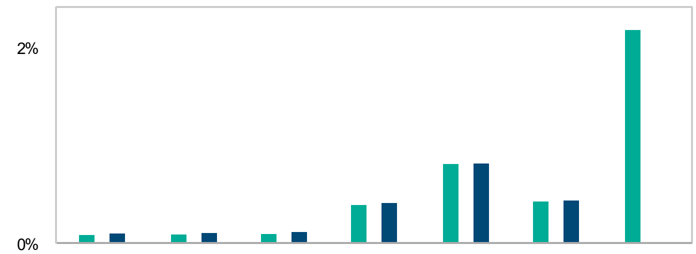
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
Fidelity Inv MM Fds Government III	0.08%	0.08%	0.09%	0.38%	0.80%	0.42%	2.15%
Peer Group*	0.09%	0.10%	0.11%	0.40%	0.80%	0.43%	
Peer Group Rank*	-	-	-	-	-	-	-
Peer Group Size (funds)*	-	-	562	516	478	392	-

*Morningstar Peer Group: Money Market-Taxable

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Top 10 Holdings(%) as of 5/31/2022

Federal Reserve Bank Of New York Federal Reserv…	48.51
United States Treasury Notes	3.10
United States Treasury Notes	1.81
United States Treasury Bills	1.38
United States Treasury Bills	1.27
United States Treasury Notes	1.15
United States Treasury Bills	0.97
United States Treasury Bills	0.96
United States Treasury Bills	0.94
Sumitomo Mitsu Bk Corp Ny (Di) In A Joint Trading…	0.94
% in Top 10 Holdings	61.03
# of Holdings	228

Additional Information

Prospectus Net Exp. Ratio:	0.43
Prospectus Gross Exp. Ratio:	0.45
Avg Exp Ratio Morningstar (%):	0.08
12b-1 fees (%):	0.25
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$1,000,000
Waiver Amt:	0.02
Waiver Exp Date:	7/31/2023
Strategy Inception:	7/25/1985
Share Class Inception:	4/4/1994

Cohen & Steers Realty Shares L

Category: REIT

CSRSX

6/30/2022

Fund Strategy

The investment seeks total return through investment in real estate securities. Under normal market conditions, the fund invests at least 80% of its total assets in common stocks and other equity securities issued by real estate companies. It may invest up to 20% of its total assets in securities of foreign issuers which meet the same criteria for investment as domestic companies, including investments in such companies in the form of American Depositary Receipts ("ADRs"), Global Depositary Receipts ("GDRs") and European Depositary Receipts ("EDRs"). The fund is non-diversified.

Fund Information

Strategy Asset ($ mm):	7,775.00
Share Class Assets ($ mm):	6,024.00
Manager:	Jon Y. Cheigh
Manager Tenure:	15 Years

Portfolio Statistics

Alpha*:	2.97	P/E:	34.25
Beta*:	0.94	P/B:	3.55
	as of date 3/31/2022	SEC Yield (%):	-
		Turnover:	41.00
			as of date 6/30/2022

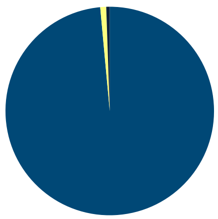
*Best fit index: Morningstar US Real Estate TR USD

*3-year statistic: Morningstar US Real Estate TR USD

Sector Allocation as of 3/31/2022

Technology:	0.00
Comm:	0.00
Cons Defensive:	0.00
Industrials:	0.00
Basic Materials:	0.00
Financial Services:	0.00
Healthcare:	0.00
Energy:	0.00
Utilities:	0.00
Cons Cyclical:	1.14
Real Estate:	98.86

Asset Allocation (%) as of 3/31/2022



% Emerging Mkt: 0.00

Scorecard

Active Strategies	Ticker	Style: Style	Style: Style Drift	Style: R^2	Risk / Return: Risk / Return	Risk / Return: Up / Down	Risk / Return: Info Ratio	Peer Group: Return Rank	Peer Group: Info Ratio Rank	Qual. (2pt max)	Score Q2 2022
REIT											
Cohen & Steers Realty Shares L	CSRSX	1	1	1	1	1	1	1	1	2	10
		-87.25/ 87.26	4.20	95.12	17.18/ 8.10	97.62/ 82.44	0.86	9.00	12.00	-	REI

Active Strategies	Score 6/30/2022	Score 3/31/2022	Score 12/31/2021	Score 9/30/2021	Score 6/30/2021	Score 3/31/2021	Score 12/31/2020	Score 9/30/2020
Cohen & Steers Realty Shares L	10	10	10	10	10	10	10	10
	REI	REI	REI	REI	REI	REI	REI	REI

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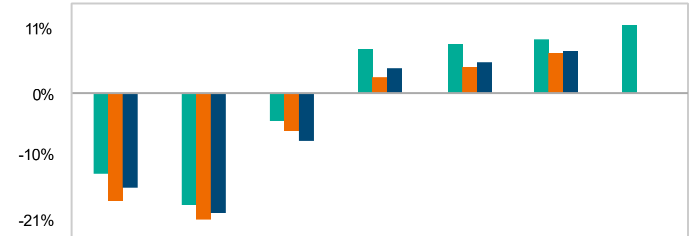
Performance Analysis as of 6/30/2022



	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Since Inception
Cohen & Steers Realty Shares L	-13.53%	-18.69%	-4.66%	7.28%	8.10%	8.83%	11.26%
DJUSslct REIT United States	-18.10%	-21.14%	-6.41%	2.54%	4.28%	6.61%	
Peer Group*	-15.81%	-20.08%	-8.01%	4.05%	5.04%	6.93%	
Peer Group Rank*	12	22	10	7	6	8	-
Peer Group Size (funds)*	-	-	249	229	203	145	-

*Morningstar Peer Group: Real Estate

The performance analysis displayed is reflective of past performance. Past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate over time. Current performance may differ from the performance displayed. Investing includes risk, including potential loss of principal. Carefully consider any and all investment objectives, risk factors and charges and expenses before investing. Contact your financial advisor or consultant for funds current performance and a copy of the most recent prospectus.

Contact (800) 959-0071 for most recent month end performance.

Top 10 Holdings(%) as of 3/31/2022

American Tower Corp / AMT	11.65
Public Storage / PSA	9.02
Welltower Inc / WELL	5.76
Invitation Homes Inc / INVH	5.55
Duke Realty Corp / DRE	5.48
Simon Property Group Inc / SPG	5.24
Healthpeak Properties Inc / PEAK	4.43
Prologis Inc / PLD	4.01
Digital Realty Trust Inc / DLR	3.99
UDR Inc / UDR	3.96
% in Top 10 Holdings	59.08
# of Holdings	34

Additional Information

Prospectus Net Exp. Ratio:	0.88
Prospectus Gross Exp. Ratio:	0.93
Avg Exp Ratio Morningstar (%):	1.06
12b-1 fees (%):	-
Closed - New Inv:	-
Closed - All Inv:	-
Min Investment:	$10,000
Waiver Amt:	0.05
Waiver Exp Date:	6/30/2023
Strategy Inception:	7/2/1991
Share Class Inception:	7/2/1991

Returns Analysis

Performance as of 6/30/2022

Allocation (Series Funds)

Active	Ticker/ I D	QTR	YTD	Annualized Returns				Since Incept.	Share Class Inception	Strategy Inception	Expense Ratio	
				1 Year	3 Year	5 Year	10 Year				Gross	Net
MissionSquare MP Global Equity Grwth Fund Class R1	92210J606	-14.83	-20.16	-16.02	5.56	6.08	8.34	4.35	10/2/2000	10/2/2000	1.34	1.34
MSCI ACWI NR		-15.66	-20.18	-15.75	6.21	7.00	8.76	-	-	-	-	-

Core Lineup

Asset Allocation	Ticker/ I D	QTR	YTD	Annualized Returns				Since Incept.	Share Class Inception	Strategy Inception	Expense Ratio	
				1 Year	3 Year	5 Year	10 Year				Gross	Net
Asset Allocation												
Moderate Aggressive												
Fidelity Puritan	FPURX	-12.74	-17.36	-12.06	8.26	8.51	9.39	10.79	4/16/1947	4/16/1947	0.51	0.51
StyleBenchmark		-12.66	-17.32	-12.49	6.29	7.40	8.80	-	-	-	-	-

Active	Ticker/ I D	QTR	YTD	Annualized Returns				Since Incept.	Share Class Inception	Strategy Inception	Expense Ratio	
				1 Year	3 Year	5 Year	10 Year				Gross	Net
U.S. Equity												
Large Cap Value												
MFS Value R4	MEIJX	-9.91	-13.18	-5.13	7.47	7.44	11.11	8.20	4/1/2005	1/2/1996	0.55	0.55
MissionSquare Equity Income Fund Class R1	92210J861	-10.33	-9.98	-3.66	7.83	6.37	8.72	7.67	4/4/1994	4/4/1994	1.29	1.29
Russell 1000 Value Index		-12.21	-12.86	-6.82	6.87	7.17	10.50	-	-	-	-	-
Large Cap Growth												
MissionSquare Growth Fund Class R1	92210J689	-22.58	-30.54	-24.61	8.10	10.98	11.90	7.70	4/4/1983	4/4/1983	1.32	1.32
Russell 1000 Growth Index		-20.92	-28.07	-18.77	12.58	14.29	14.80	-	-	-	-	-
Mid Cap Growth												
MissionSquare Aggressive Opportun Fund Class R1	92210J549	-18.83	-27.52	-24.73	4.09	7.83	10.04	9.27	10/3/1994	10/3/1994	1.40	1.40
Russell Mid-Cap Growth Index		-21.07	-31.00	-29.57	4.25	8.88	11.50	-	-	-	-	-
Small Cap Value												
JPMorgan Small Cap Value I	PSOPX	-15.14	-17.62	-14.92	7.51	4.66	8.75	9.93	1/27/1995	1/27/1995	1.01	0.99
Russell 2000 Value Index		-15.28	-17.31	-16.28	6.18	4.89	9.05	-	-	-	-	-
Small Cap Blend												
MissionSquare Small Cap Discovery Fund Class R1	92210J481	-16.73	-22.49	-22.97	3.68	5.54	8.82	7.39	4/14/2008	10/30/2007	1.36	1.36
Russell 2000 Index		-17.20	-23.43	-25.20	4.21	5.17	9.35	-	-	-	-	-

Returns Analysis

Performance as of 6/30/2022

Active	Ticker/ I D	QTR	YTD	Annualized Returns 1 Year	3 Year	5 Year	10 Year	Since Incept.	Share Class Inception	Strategy Inception	Expense Ratio Gross	Net
International/Global Equity												
International Large Cap Blend												
MissionSquare International Fund Class R1	92210J390	-12.74	-19.88	-19.64	1.83	2.46	4.87	5.49	10/3/1994	10/3/1994	1.51	1.51
MSCI EAFE ND USD		-14.51	-19.57	-17.77	1.07	2.20	5.40	-	-	-	-	-
Emerging Market Equity												
MissionSquare Emerging Markets Fund Class R1	92210J283	-11.09	-19.04	-24.36	0.31	-	-	-0.49	12/12/2017	7/7/2017	1.59	1.59
MSCI EM (Emerging Markets) ND USD		-11.45	-17.63	-25.28	0.57	2.18	3.06	-	-	-	-	-
Fixed Income												
Core Fixed Income												
Western Asset Core Plus Bond I	WACPX	-7.83	-15.96	-16.07	-2.19	0.39	2.27	4.99	7/8/1998	7/8/1998	0.52	0.45
BB Aggregate Bond		-4.69	-10.35	-10.29	-0.93	0.88	1.54	-	-	-	-	-
U.S. Government TIPS												
MissionSquare Inflation Focused Fund Class R1	92210F885	-6.70	-9.69	-6.44	2.09	2.22	0.71	2.54	7/1/1992	7/1/1992	1.15	1.15
BB TIPS		-6.08	-8.92	-5.14	3.04	3.21	1.73	-	-	-	-	-
Cash Alternatives												
Stable Value												
MissionSquare PLUS Fund Class R1	92208J105	0.27	0.51	1.03	1.28	1.36	1.34	-	1/2/1991	7/11/2018	1.32	1.32
No Benchmark Data		-	-	-	-	-	-	-	-	-	-	-
Money Market												
Fidelity Inv MM Fds Government III	FCGXX	0.08	0.08	0.09	0.38	0.80	0.42	2.15	4/4/1994	7/25/1985	0.45	0.43
No Benchmark Data		-	-	-	-	-	-	-	-	-	-	-
Specialty												
REIT												
Cohen & Steers Realty Shares L	CSRSX	-13.53	-18.69	-4.66	7.28	8.10	8.83	11.26	7/2/1991	7/2/1991	0.93	0.88
DJUSslct REIT United States		-18.10	-21.14	-6.41	2.54	4.28	6.61	-	-	-	-	-

Returns Analysis

Performance as of 6/30/2022

Passive	Ticker/ I D	QTR	YTD	Annualized Returns 1 Year	3 Year	5 Year	10 Year	Since Incept.	Share Class Inception	Strategy Inception	Expense Ratio Gross	Net
U.S. Equity												
Large Cap Blend												
MissionSquare Broad Market Index Fund Class R1	92210J721	-16.90	-21.48	-14.58	8.77	9.60	11.55	8.98	10/1/1994	4/1/1999	0.94	0.94
MissionSquare 500 Stock Index Fund Class R1	92210J812	-16.33	-20.33	-11.45	9.60	10.29	11.90	8.71	6/2/1997	4/1/1999	0.94	0.94
Russell 1000 Index		-16.67	-20.94	-13.04	10.17	11.00	12.82	-	-	-	-	-
SMid Cap Blend												
MissionSquare Mid/Small Company Index Fund Cl R1	92210J572	-17.17	-22.16	-21.68	5.04	6.14	9.61	9.40	6/2/1997	4/1/1999	0.95	0.95
Russell 2500 Index		-16.98	-21.81	-21.00	5.91	7.04	10.49	-	-	-	-	-
International/Global Equity												
International Large Cap Blend												
MissionSquare Overseas Equity Index Fund Class R1	92210J432	-13.43	-19.38	-18.02	0.52	1.53	4.56	5.29	6/2/1997	4/1/1999	1.03	1.03
MSCI EAFE ND USD		-14.51	-19.57	-17.77	1.07	2.20	5.40	-	-	-	-	-
Fixed Income												
Core Fixed Income												
MissionSquare Core Bond Index Fund Class R1	92210F109	-4.97	-10.79	-11.22	-1.91	-0.10	0.54	2.36	6/2/1997	4/1/1999	0.95	0.95
BB Aggregate Bond		-4.69	-10.35	-10.29	-0.93	0.88	1.54	-	-	-	-	-

Disclosure

For use by Plan Sponsors or Institutional Investors Only- not intended for distribution to Retail Investors

Performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted.

The performance data quoted may not reflect the deduction of additional fees, if applicable. Additional fees would reduce the performance quoted.

Performance data is subject to change without prior notice. Expenses shown reflect the fund's prospectus Net and Gross expense ratios.

Some funds, accounts, or share classes may not be available for investment. Performance history prior to inception (if applicable) reflects another share class or account reflecting the manager's historical performance record. Expenses for mutual funds reflect the fund's prospectus Net and Gross expense ratios. In the case of Collective Investment Trust Funds, expenses generally reflect the CIT fund fact sheet and/ or Trust agreement

Fund Inception Date - the date on which a fund commenced operations.

Share Class Inception Date - the date on which a fund's share class was introduced.

Contact NFP with any questions about this report or for the most current month-end performance at (800) 959-0071.

Fiduciary Fitness Program™

The purpose of this module is to assist you in identifying the various individuals who are considered plan fiduciaries and to describe the duties and responsibilities those individuals have under ERISA.

Fiduciary Defined

A FIDUCIARY IS

- Any individual or entity that has or exercises discretionary control over the management of the plan or the plan's assets
- A plan may have:
  - More than one fiduciary
  - An individual serving in more than one fiduciary capacity

A FIDUCIARY IS NOT

- Anyone who performs ministerial functions and does not have the authority to make decisions with respect to plan policies, procedures, etc.
  - Example: individual who calculates benefits or processes claims

Named Fiduciaries

- Each plan must have one "named fiduciary"
  - Named in or identified with a procedure prescribed in the plan document
- May be the plan sponsor, officer, board of directors, board of trustees, member of the management team or committee
- Can allocate responsibilities to others if plan document permits

Module 1: Fiduciary Duties and Responsibilities

Functional Fiduciaries

- The fiduciary test is a functional one
- You are a fiduciary if:
  - No *expressed* appointment or delegation of fiduciary authority but functionally in control or in possession of authority over the plan's management, assets or administration
  - Example: members of the employer's board of directors or board of trustees with power to exercise discretion and control
    - May include non-board and non-voting members

Fiduciary vs. Settlor Duties

- Business decisions related to the formation and design of a plan are not fiduciary in nature

Fiduciary Duties

- Implementing plan-related decisions
- Carrying out processes and procedures regarding plan management
- Acts carried out on behalf of the plan
- Selection of provider, investments or investment manager

Settlor Duties

- Decision to establish a plan
- Include plan features
- Terminate a plan

Module 1: Fiduciary Duties and Responsibilities

ACTION STEP

- **Prepare Board resolutions delegating fiduciary responsibility to committees or individuals**
  - **Adopt a Committee Charter**
  - **Solicit acknowledgment of committee members' appointment resignation forms**
- **Keep a copy of all Committee-related documents (resolutions, charter, acceptances) in your Fiduciary File**

Co-Fiduciaries

- Co-fiduciaries are those to whom named fiduciaries delegate their responsibilities in an effort to better manage the plan
- Fiduciaries are not liable for the acts and omissions related to those delegated responsibilities but do have the duty to monitor the co-fiduciaries' performance of the delegated responsibilities

Board of Directors or Board of Trustees

- Board of directors or Board of trustees are fiduciaries only to the extent that they function as fiduciaries (i.e., exercise discretion and control)
  - If delegate authority, responsibility and liability are limited to selection and retention of fiduciaries unless individual becomes liable under co-fiduciary rules
  - Must monitor performance of co-fiduciaries

Benefit and Investment Committees

- Benefit and Investment Committees are fiduciaries if delegated fiduciary responsibilities
- Best practices to adopt Committee Charter
- Written meeting minutes should describe issues discussed, action taken and how each member voted
- Members can resign in protest to a fiduciary breach of another member on the committee
  - Resignation may not be sufficient to discharge reasonable efforts to remedy duties; other steps may be necessary

Module 1: Fiduciary Duties and Responsibilities

Trustees as Fiduciaries

- Trustees are fiduciaries due to management and control of plan assets
- Discretionary trustee has authority and discretion for the management and control of plan assets
- Directed trustee is subject to the direction of a plan fiduciary, other than the trustee only a fiduciary to the extent of its discretion which is generally limited
- Written meeting minutes should describe issues discussed, action taken and how each trustee voted
- Trustees can resign in protest to a fiduciary breach of another co-trustee
  - Resignation may not be sufficient to discharge reasonable efforts to remedy duties; other steps may be necessary

Investment Advisers

- An investment adviser is a fiduciary if adviser meets ERISA section 3(21) requirements.
  - Serves as an investment expert providing investment recommendations for the plan
  - Renders investment advice for a fee

Investment Managers

- An investment manager is a fiduciary if manager meets ERISA Section 3(38) requirements
  - Must be a bank, insurance company or investment adviser registered under the Investment Advisers Act of 1940
  - Manager must acknowledge being a fiduciary in writing
    - Generally, a discretionary trustee for a retirement plan is also an investment manager

Module 1: Fiduciary Duties and Responsibilities

Attorneys, Accountants, Actuaries, Consultants and Employees

- Generally these professionals performing their usual professional functions are not fiduciaries
- They are considered a fiduciary, however, if they have discretionary authority or control over the management of the plan or render investment advice for a fee
- Consultants, attorneys and third-party administrators may become fiduciaries when plan fiduciaries rely on their advice when making fiduciary decisions
- Employees are generally not plan fiduciaries, but can be depending on individual facts and circumstances

Individuals Prohibited from Fiduciary Role

- Individuals are prohibited if they have been convicted of or been imprisoned as a result of said conviction for:
  - Robbery
  - Bribery
  - Extortion
  - Fraud
  - Embezzlement
  - Grand larceny
  - Kidnapping
  - Burglary
  - Arson
  - Rape
  - Murder
  - A felony involving illegal substances
  - Violation of §302 of Labor-Management Relations Act
  - Crimes barring individual from serving as an investment adviser
  - Violation of any ERISA provision
  - Violation involving kickbacks from public works
  - Violation of federal mail prohibitions

ACTION STEP

Complete the "List of Fiduciaries" to identify all fiduciaries and their responsibilities

Module 1: Fiduciary Duties and Responsibilities

ERISA Section 404(a) Fiduciary Responsibilities

Duty of Loyalty

- A fiduciary must act **solely** in the interest of the plan participants, their beneficiaries and alternate payees
- In doing so, a fiduciary must:
  - Carry out duties prudently
  - Follow the terms of the plan document (unless the documents are inconsistent with ERISA)
  - Diversify plan assets
  - Pay only fair and reasonable expenses

Duty of Prudence

- When acting on behalf of the plan, exercise the care, skill, prudence and diligence that a prudent person familiar with such matters would exercise in similar circumstances
- With regards to investments, give "*appropriate consideration*" to the facts and circumstances that they know or should know are relevant to the investment or investment course of action involved
- The fiduciary's actions are considered prudent if the fiduciary exercises ordinary care based on the facts and circumstances

Note: The Department of Labor (DOL) and courts measure prudence by analyzing the process used to select an investment or course of action

Module 1: Fiduciary Duties and Responsibilities

Appropriate Consideration: Defined

- Appropriate consideration includes:
  - Determination that a course of action is reasonably designed to further the purposes of the plan
  - Consideration of the risk of loss and opportunity for gain associated with a course of action
  - With regards to investments
    - Composition of the portfolio(s) with regard to diversification
    - Liquidity and current return relevant to plan's anticipated cash flow needs
    - Portfolio's projected return relative to funding objectives

Follow the Terms of the Plan Document

- Be familiar with the plan documents
  - Plan/trust documents
  - Summary plan descriptions
  - Administrative procedures
- Carefully review documents periodically to ensure they are legally compliant
- Review plan administration to ensure plan is operating in accordance with the terms of the plan document, ERISA and the Internal Revenue Code ("Code")

Module 1: Fiduciary Duties and Responsibilities

Diversify Plan Investments

- Fiduciaries are tasked with the responsibility to help minimize risk of large losses, unless it is clearly not prudent to do so
- Take the following into consideration:
  - The purpose and size of the plan
  - Economic and market conditions
  - The type and geographic dispersion of the investment

Relying on Information from Others

- A fiduciary may rely on information provided by individuals or other entities performing **ministerial** functions for the plan
  - But must exercise prudence in selecting or retaining such individual or other entities

Appointing Trustees or Other Fiduciaries

- Do **not** appoint fiduciaries based on the position they hold within the organization
  - Appoint based on expertise and experience; title alone is not a qualifier
- Fiduciary terms are indefinite; they serve until retirement, termination or resignation
- Plan fiduciaries must monitor performance routinely
  - Identify all fiduciaries, outline responsibilities, measure performance and review any complaints
  - Utilize a documented process
  - Annual reviews are recommended
- Immediate corrective steps must be taken for fiduciary deficiencies and termination

Module 1: Fiduciary Duties and Responsibilities

Reporting and Disclosure Requirements

- Fiduciaries must comply with ERISA's reporting and disclosure requirements
- Reporting requirements can be met both electronically and non-electronically; special attention to be paid to DOL requirements for electronic delivery
- Delivery system should result in actual receipt of information and protect confidentiality

Fidelity Bond

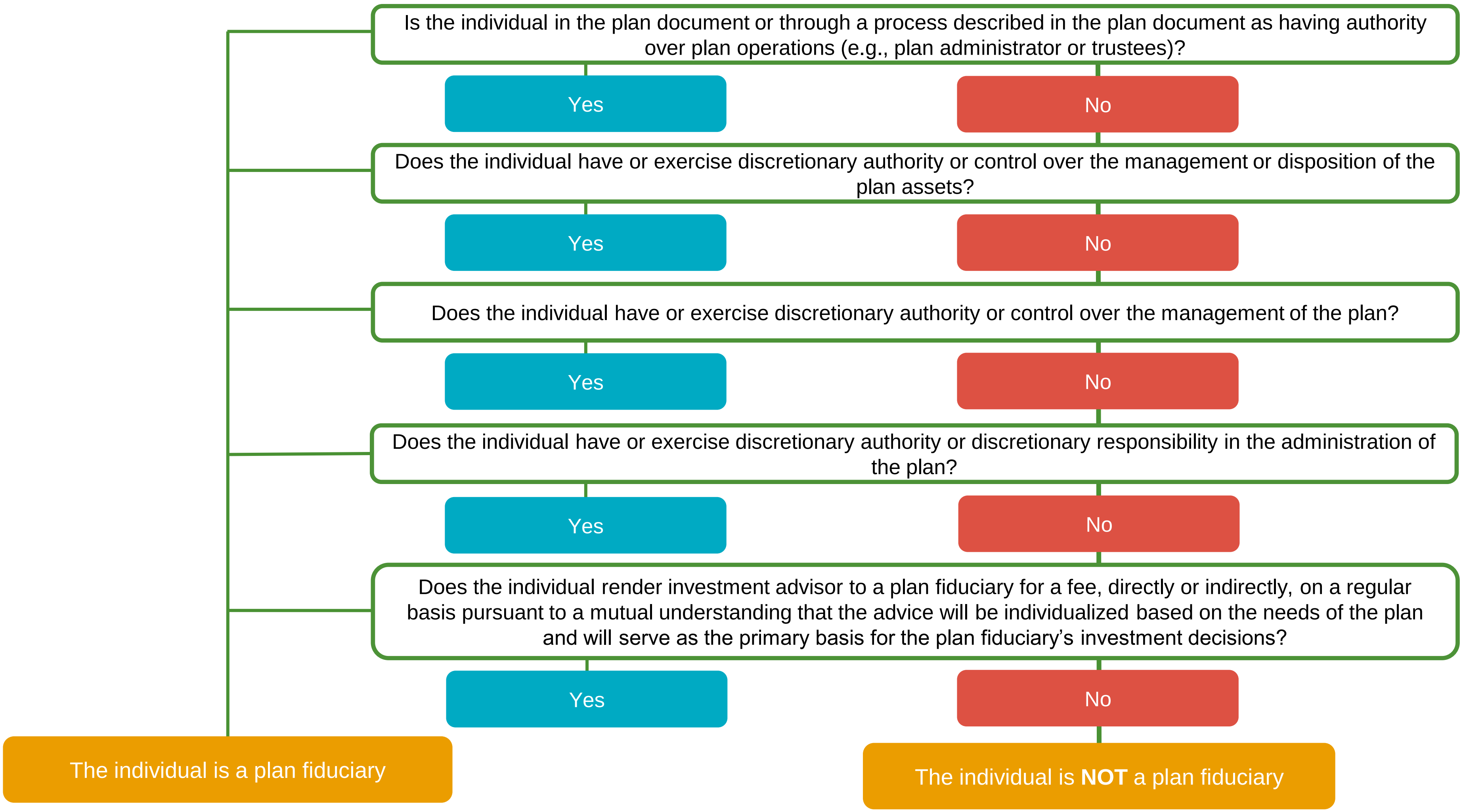
- Every fiduciary and anyone who handles plan funds or property must be bonded, unless subject to an ERISA Section 412 exemption
- Bond must cover at least 10 percent of the amount handled by the individual
  - May not be less than $1,000 or greater than $500,000 ($1,000,000 for plans holding employer securities)

ACTION STEP

- **Establish a prudent process to comply with ERISA duties.**
- **Conduct administrative audit to confirm plan operating in compliance with plan documents and applicable law.**
- **Confirm appropriate fidelity bond in place.**

Module 1: Fiduciary Duties and Responsibilities

Conclusion – Determining if an Individual is a Plan Fiduciary



ACR# 4637000 03/22

Fiduciary Fitness Program™
Module 2: Strategies to Help Minimize Fiduciary Liability

This module describes the various forms of liability fiduciaries are subject to, and actions that can help minimize that liability.

Fiduciary Liability Explained

- In addition to criminal penalties, ERISA permits participants and beneficiaries to bring civil actions against a fiduciary who breaches duty
- The fiduciary is ***personally*** liable for any losses resulting from a breach
  - Any profits realized as a result of a breach must be restored to the plan
  - Any losses suffered by the plan must be made whole
- With the exception of the named fiduciary, a plan fiduciary's personal liability to the plan is limited to the functions the fiduciary performs, or for which the fiduciary is responsible

Department of Labor Penalties

- The Department of Labor (DOL) may assess a civil penalty equal to 20 percent of the applicable recovery amount in the event of a breach
- The DOL may, at its discretion, waive or reduce a penalty if it determines that the following occurred:
  - The fiduciary or individuals involved acted in good faith
  - It is unreasonable to expect the fiduciary or individuals involved to restore all losses without experiencing severe financial hardship
- Reduced penalties may apply if fiduciary files application with DOL under the Voluntary Fiduciary Compliance Program

Fiduciary Fitness Program™

Module 2: Strategies to Help Minimize Fiduciary Liability

ACTION STEP

- **Review or purchase fiduciary liability insurance**
- **Adopt a written investment policy statement**

Terminating a Fiduciary

- Must follow plan procedures to terminate responsibilities
- Must make sure another is prepared to assume those responsibilities
- It is recommended that both the plan sponsor and the terminated fiduciary document the termination process, actions taken and steps to ensure smooth transition to the new fiduciary

Fiduciary Liability Insurance

- An insurance policy covering plan sponsor's directors, officials and fiduciaries
  - Must specifically cover ERISA claims
- Not the same as a fidelity bond—a fidelity bond protects the plan
- Fiduciary insurance protects fiduciaries and their personal assets from lawsuits alleging breaches of fiduciary responsibility
- Review or purchase policy that provides broad coverage

Draft Investment Policy Statement

- Draft a written statement that provides the fiduciaries who are responsible for plan investments with set guidelines and general instructions about various types or categories of investment management decisions
- An investment policy generally does not include directions about the purchase or sale of a specific investment
- If hiring an outside consultant, condition such appointment on the implementation of an investment policy

Fiduciary Fitness Program™

Module 2: Strategies to Help Minimize Fiduciary Liability

ACTION STEP

Provide fiduciary education to all fiduciaries

Indemnify Fiduciaries

- The plan sponsor may offer to indemnify employees who are fiduciaries with respect to fiduciary suits that may arise under ERISA
- Examples of permitted indemnification agreements are:
  - Indemnification of a plan fiduciary by:
    - an employer, any of whose employees are covered by the plan, or an affiliate of such employer or
    - an employee organization, any of whose members are covered by the plan; and
  - Indemnification by a plan fiduciary of the fiduciary's employees who actually perform the fiduciary services.

Education and Documentation

- Plan fiduciaries need to understand their responsibilities and obligations under ERISA
  - Create and implement fiduciary training program
  - Develop worksheets to document and monitor roles and responsibilities
- Fiduciaries must follow written procedures that can demonstrate compliance with ERISA's fiduciary standards

Hire Trustees and Investment Managers

- Fiduciaries and trustees may look to hire outside professional trustees and investment managers to make plan decisions
- Potential liability exposure may be limited through this course of action
- Fiduciaries and trustees must carefully monitor professional trustees and investment managers

Fiduciary Fitness Program™

Module 2: Strategies to Help Minimize Fiduciary Liability

Hire Investment Adviser

- Fiduciaries may hire an investment adviser to provide recommendations related to investment options
  - Investment adviser considered a co-fiduciary
- Fiduciaries must routinely monitor investment advisers

Hire Lawyers, Consultants and Administrators

- Lawyers, consultants and third-party administrators (TPAs) might assist their clients with the practical implications of the plan sponsor being a fiduciary by doing the following:
  - Helping plan sponsor understand its responsibilities
  - Assisting with hiring a professional trustee or investment manager
  - Recommending the indemnification of certain fiduciaries
  - Recommending the purchase of fiduciary liability insurance

Establish Participant-Directed Accounts

- In general, fiduciaries are not liable for any losses due to a participant's investment choices if they are deemed to be compliant with ERISA Section 404(c) and regulations promulgated thereunder

Conduct Periodic Audits

- Conduct periodic self-audits to ensure that the plan is being administered in accordance with the terms of the plan document, ERISA and the Internal Revenue Code
- Be aware of the warning signs that indicate when a self-audit would be appropriate
- Annual financial audits should not be viewed or relied upon as comprehensive compliance audits

Module 2: Strategies to Help Minimize Fiduciary Liability

ACTION STEP

- **Hire and monitor appropriate outside consultants**
- **Establish participant-directed accounts**
- **Conduct periodic audits**

Fiduciary Fitness Program™
Module 3: Selecting and Monitoring Service Providers

The selection and monitoring of service providers is a fiduciary duty. This module describes the various service providers typically engaged by a plan to assist with plan administration. It also describes suggested best practices to ensure that such service providers are independent and objective professionals.

Plan Fiduciary Responsibilities with Respect to Service Providers

- Prudently select and monitor all plan advisers, providers, auditors and all other service providers
- Must have a documented process
- Monitor service providers by conducting plan benchmarks every three to four years
- Ensure all parties' fees are fair and reasonable

Department of Labor (DOL) Guidance

- The DOL published a recommended list of specific questions plan fiduciaries should ask and have answered by these parties
- The DOL, in its audit process, requests information from plan fiduciaries about these providers including:

✓ their name, organization and location;
✓ copies of all engagement agreements;
✓ copies of any management letters; and
all parties' fee schedules.

Module 3: Selecting and Monitoring Service Providers

Procedural Best Practices

- First focus on the service provider's ability to provide the necessary services to support the plan
- Next focus on the service provider's experience and expertise
- Focus conversation around how to engage the service provider
- Ensure plan expenses are "fair and reasonable" this does not mean the cheapest, but is interpreted to mean competitive to market

Financial Professionals

- Financial professionals hired by the plan fiduciary to assist with the management of the plan
- Typically they perform fiduciary services around:
  - Investment due diligence and selection
  - Provider selection and plan benchmarking
  - Committee meetings
- Financial professionals are generally financial registered representatives or investment professionals
- Services vary greatly from firm to firm. Make certain comparisons are accurate.

ACTION STEP

Review and complete the Selecting and Monitoring Plan Consultants documentation module

Module 3: Selecting and Monitoring Service Providers

Providers

- Providers are individuals or entities hired to provide administrative services to the plan
- Typically these providers are:
  - Recordkeepers
  - Third party administrators
  - Investment management companies
- Depending on services provided, these providers may or may not function as a fiduciary

ACTION STEP

Review and complete the Selecting and Monitoring Providers documentation module and periodically conduct a Provider Analysis™

Auditors

- Employee benefit plans with 100 or more participants are required to have an audit as part of their obligation to file an annual return/report (Form 5500)
  - Small plan exception if less than 120 participants and filed as a small plan the previous year
- Plan sponsor, in conjunction with the plan administrator, should hire an independent qualified public accountant
- Audit helps protect the assets and the financial integrity of the employee benefit plan and ensure the necessary funds will be available to pay for retirement benefits

ACTION STEP

- **Review the Selecting and Monitoring Auditors documentation module**
- **Implement and complete a documented process to select and monitor all plan service providers**

ACR#4376718 02/22

Fiduciary Fitness Program™

Module 4: Selecting and Monitoring Investments

This module describes the fiduciary responsibilities related to the investment options offered under a plan, plus best practices.

Fiduciary Responsibility with Respect to Investments

- When acting on behalf of the plan, exercise the care, skill, prudence and diligence that a prudent person familiar with such matters would exercise in similar circumstances, known as the "prudent expert rule"
- Give "*appropriate consideration*" to the facts and circumstances that they know or should know are relevant to the investment or investment course of action involved
- Select investment options pursuant to the 2020 regulatory changes of ERISA section 404(a)
- Maintain and follow written investment policy statement (IPS).
- Written investment policies are not explicitly required by ERISA to demonstrate compliance and promote procedural decision making including: Clear standards for selecting and monitoring investments, watch list and replacement triggers.

ACTION STEP

Hold regular meetings to review plan investments

Fiduciary Fitness Program™

Module 4: Selecting and Monitoring Investments
Module 4: Selecting and Monitoring Investments

Document Reviews of Investments, all relative fees, and evidence prudence process

- Follow your investment policy statement (IPS):
  - Document investment reviews
  - Document all relevant plan fees
  - Evidence a prudent process used for investment selection, monitoring and decisions

ACTION STEP

Maintain meeting minutes or executive summaries documenting investment review and decisions made

Utilizing a Third-Party Investment Expert

- Consider the advice of an independent third-party expert who accepts ERISA 3(21) or 3(38) investment fiduciary responsibility to meet “ERISA prudent expert” standards if internal expertise is not available
- Do not rely exclusively upon non-independent third parties (fund companies, recordkeepers, third party administrators [TPAs], etc.) for investment advice

Investment Replacement

- Follow the investment policy procedures for fund replacement and evidence prudent process
  - Remove investments not meeting criteria and replace with similar prudent investment selection
- Failure to replace funds may evidence a fiduciary's failure to act prudently
- Failure to do so may result in personal liability for resulting losses.

ACTION STEP

Not following the Investment Policy Statement-inaction can be considered a fiduciary breach

Expense Ratios and Fees

- Fiduciaries' duty is to ensure fees are fair and reasonable
- The investments' expense ratio or management fees should be competitive within their peer group

The 2020 Final Regulation Changes to ERISA Section 404(a) – Investment Duties

- The intent of the final rule is to **provide** "**regulatory structure** to assist ERISA fiduciaries in navigating these ESG (as well as other) investment trends and to separate the legitimate use of risk-return factors from inappropriate investments that sacrifice investment return, increase costs, or assume additional investment risk to promote non-pecuniary benefits or objectives."
- Comment: This should be viewed as the Administration's attempt to create more long-term certainty in the way fiduciaries are governed regarding ESG-related and other decisions.

Fiduciary Fitness Program™

Module 4: Selecting and Monitoring Investments

New Elements

- Restatement of duty of **loyalty with respect to participants' best interest**
  - Prohibits subordinating interests of participants to unrelated objectives
  - Bars fiduciaries from sacrificing return or taking additional risk to promote non-pecuniary goals
- Must evaluate investments and investment courses of action **based solely on pecuniary factors**
  - Factors expected to have material effect on risk and/or return of investment
  - Based on appropriate investment horizons consistent with plan's objectives and funding policy
  - Weight given to factors must appropriately reflect prudent **assessment of impact on risk-return**
- Must consider **reasonably available alternatives**
  - Not necessary to scour marketplace or look at infinite number of possible alternatives
  - Meets prudence and loyalty responsibilities
- **Unable to distinguish** on basis of pecuniary factors alone may use non-pecuniary factors as deciding factor *provided that fiduciary documents*:
  - Why **pecuniary factors were not sufficient**
  - How selected investment **compares to alternative** investments with regards to
    - Composition of portfolio regarding diversification;
    - Liquidity and current return relative to anticipated cash flow requirements of plan; and
    - Projected return relative to funding objective of plan
  - How chosen non-pecuniary factor(s) are **consistent with interests of participants/beneficiaries** in their retirement income or financial benefits under the plan

New Elements (cont.)

- Fiduciary **not prohibited** from considering/including investment as DIA solely because supports non-pecuniary goal, provided:
  - Plan allows broad range of investment selections
  - Meets duty of **loyalty**;
  - Based solely on **pecuniary** factors; and
  - Not added or retained, or as a component of, **QDIA** if investment objectives/goals or principal investment strategies include, *consider or indicate use of one or more non-pecuniary factors*

Preamble

- **"ESG investing raises heightened concerns under ERISA."**
- "Pension plans . . . covered by ERISA . . . are bound by statute to a narrower objective: prudent management with an **"eye single" to maximizing the funds available** to pay benefits under the plan." – Donovan v. Bierwith
- "The duty of prudence prevents a fiduciary from choosing an investment alternative that is financially less beneficial than reasonably available alternatives."
- Final rule **not revise fiduciary requirements regarding appropriate consideration**
- "The final rule recognizes that there are instances where one or more environmental, social, or governance factors will present an economic business risk or opportunity that corporate officers, directors, and qualified investment professionals would appropriately **treat as material economic considerations** under generally accepted investment theories."
- **"ESG investing raises heightened concerns under ERISA."**
- **Biden Administration publicly stated it will not enforce prior administrations ESG rules. There is a difference between not enforcing and eliminating. The rule still stands.**

Preamble (cont.)

- Final rule eliminates all ESG terminology
  - These rules are broadly applicable to all investments and actions under consideration for the plan
  - **Goes beyond ESG, into potentially all non-pecuniary-directed investments** (including potentially religious-based funds)
    - Violation of Religious Freedoms Restoration Act?
      - Rule does not have a religious basis
      - DOL states it is “. . . confident that the RFRA concerns . . . can be reviewed and resolved as needed on an individual basis.”
- Brand name discussion
  - “If a fiduciary were to prudently conclude that a fund manager’s brand or reputation will materially affect the expected risk and/or return as funds, then such factors would be pecuniary.”
  - “[I[ncreased plan contributions and similar factors are not economic factors, but . . . they are the type of non-economic factor that may be considered where a fiduciary is permitted to make an investment decision on the basis of a non-pecuniary factor.”
- Due Diligence
  - “[F]iduciaries who are considering investment alternatives for individual account plans should carefully **review the prospectus or other investment disclosures** for statements regarding ESG investment policies and investment approaches.”
  - “**Fiduciaries should be especially cautious** in exercising their diligence obligations under ERISA when disclosures, whether in prospectuses or marketing materials, contain references to non-pecuniary factors or collateral benefits in a fund’s investment objectives or goals or its principal investment strategies.”

Preamble (cont.)

- QDIA
  - Warrant special treatment because unique as **participants do not make investment elections.**
  - If prospectus or disclosure states fund constructed using ESG, or rating, or ESG index and evaluates non-pecuniary factors as a part of construction the final rule **prohibits use** of that fund as QDIA
- And now for something completely unexpected . . .

  "For example, **responding to participant demand** in order to increase retirement plan savings or investments in contribution creating jobs for current or future plan participant **may be consistent with the interests of participants and beneficiarie**s in their retirement income or financial benefits under the plan."

Timing

- Effective date is 60 days from publication in Federal Register
- Apply prospectively in entirety to investments made and investment courses of action taken after such date
  - "Plan fiduciaries are not required to divest or cease any existing investment, investment course of action, or designated investment alternative, even if originally selected using non-pecuniary factors in a manner prohibited by the final rule"
  - Beware, a decision to keep an investment is still an investment course of action – *ongoing monitoring!!!*
- **Extended compliance date**
  - Plans have until April 30, 2022 to make changes to **QDIA** where necessary to comply with final rules

Fiduciary Fitness Program™

Module 4: Selecting and Monitoring Investments

EBSA ESG Probes

- End of February – early March Advisor brought EBSA inquiry to ERISA group
  - Nine of twelve (9/12) requests referenced "ESG"
  - Client's plan had ZERO ESG funds (both at present and historically)
  - Letter stated, "Department seeks to better understand the Plan fiduciaries' selection of ESG funds for inclusion in the Plan's investment options and compliance with their duty to administer the Plan prudently and solely for the purpose of providing benefits to participants and beneficiaries, and defraying reasonable expenses of administering the Plan."

General ESG Considerations

- Different investment houses have different perspectives on ESG
  - Removal of some industries (firearms, fertilizer, tobacco, etc.)
  - Removal of some companies that engage in sales of certain items (Wal-Mart due to firearms)
  - Scoring system based on corporate governance measures
  - Difficulty in deciding which environmental, social, or corporate governance issues are important to all members of an organization
    - Client wanted to add an ESG that excluded firearms – member of the committee wanted a "gun fund"
- Funds fall into different asset classes
  - U.S. equity
  - International equity
  - Fixed income
  - Balanced funds
- Comment: Fiduciaries face four primary challenges with ESG decisions: (1) How are they going to define "ESG" (2) Can they effectively identify ESG elements as being positive pecuniary factors (3) Can they overcome the reasonable alternative comparison, and (4) What weight will they give ESG factors vs. commonly accepted performance-based criteria?
- Key Takeaway for Fiduciaries: Do you want to be at the front of the ESG movement, or wait until the inclusion of ESG factors are well settled? What would a prudent expert do?

ACR#4873824 07/22

Fiduciary Fitness Program™

Module 5: Fees and Expenses

A fiduciary must act solely in the interest of plan participants, beneficiaries and alternate payees to ensure that only reasonable expenses are paid by the plan. This module describes common types of plan fees and best practices fiduciaries can implement to meet their fiduciary duty to ensure that plan fees are reasonable.

Types of Plan Fees

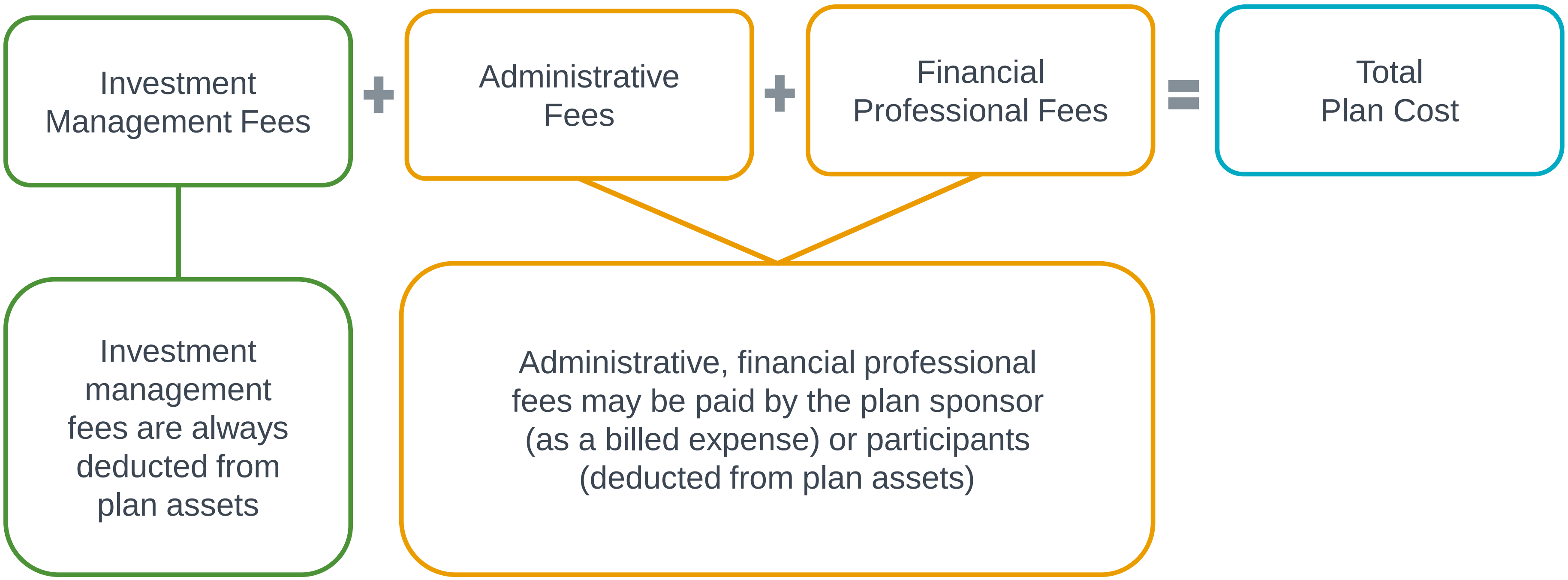
- The Department of Labor’s Employee Benefits Security Administration (EBSA) identifies three types of fees:
  - **Plan administrative fees** are fees for plan operations (e.g., recordkeeping, technology services, compliance services, communications services, accounting, legal and trustee services)
  - **Investment fees** are related to the management of plan assets and are generally assessed as a percentage of plan assets
  - **Participant elective service fees** may be charged separately to a participant’s account when the participant elects to use a particular plan provision (e.g., fees to process loans, withdrawals)

Methods of Paying Fees

- Billed fees may be assessed directly to a participant’s account or paid by the plan sponsor
- Asset-based, or per participant, fees are deducted from participant accounts
- Revenue sharing from the investment management expense

Module 5: Fees and Expenses

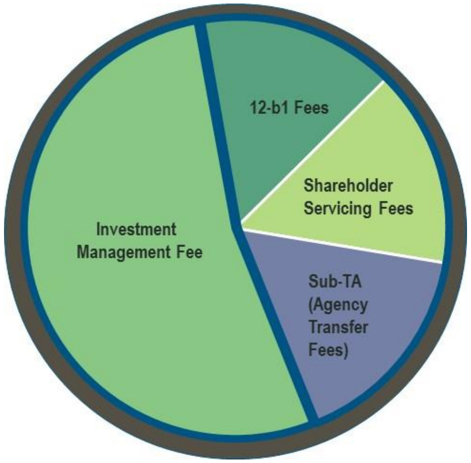
Retirement Plan Cost Components



Module 5: Fees and Expenses

Investment Management Expense Ratio and Revenue Sharing

- An investment fund's investment management expense ratio may consist of both investment management fees and sometimes revenue sharing
  - Revenue sharing can be difficult to identify because it is often not clearly disclosed in readily understandable terms; types of revenue sharing include the following:
    - 12b-1 are distribution fees paid out of a fund's assets that are often used to pay commissions and marketing expenses and other administrative services
    - Sub-TA and shareholder services fees are administrative fees shared by the mutual fund with the recordkeeper to handle participant recordkeeping services
    - 28(e) fees are charged by brokerage firms for an extra commission that can be used to purchase "additional services" (e.g., valuable investment research)
    - Wrap fees are an additional layer of fees layered on top of total investment management fees to provide additional required revenue



Module 5: Fees and Expenses

Module 5: Fees and Expenses

Share Classes

- Many investment providers (mutual fund companies and financial services firms) offer the identical fund with several different investment management expense options
- Each investment management expense option is a different share class

Share Class Implications

- Lower expense share classes will reduce total plan costs assuming other administrative expenses remain the same—service providers rarely voluntarily lower plan fees
- Share class considerations are based on the plan sponsor's expense allocation philosophy relative to total plan costs
- "Real life" application may result in multiple share classes within the same plan menu
- The most important point is to understand your plan's pricing methodology and determine "reasonableness" of total plan costs

Share Class	Year-to-Date Return	1-Year Return	3-Year Annualized Return	5-Year Annualized Return	Expense Ratio	Revenue Sharing
R3	19.79%	19.79%	7.05%	13.17%	1.14%	0.65%
R4	20.17%	20.17%	7.37%	13.50%	0.85%	0.35%
R6	20.58%	20.58%	7.74%	13.85%	0.50%	0.00%

This hypothetical example is for illustrative purposes only. Should not be deemed a representation of past or future results. Does not represent any specific product.

Module 5: Fees and Expenses

Financial Professional Fees

- Can be flat dollar or asset-based
- Often paid out of plan assets
  - Can be paid from 12b-1 fees
  - Can be part/all of an asset-based fee or imbedded into the investment management expense
  - Can be paid out of an ERISA budget

Fee Disclosure Requirements

- ERISA Section 408(b)(2) requires covered service providers to disclose fees to plans in writing
  - The disclosure must be provided in advance of the date an agreement is entered into, and as soon as administratively possible when material changes are made thereto
  - Must disclose a description of the services provided and a description of both direct and indirect compensation
    - Direct and indirect compensation includes anything of monetary value
    - Disclosure must contain sufficient information to permit evaluation of reasonableness of compensation
    - If a service provider is receiving indirect compensation, it must disclose from whom such indirect compensation is received
  - With respect to investments, the fee disclosure must describe the compensation charged directly against the amount invested, the annual operating expense (expense ratios) and any ongoing expenses in addition to annual operating expenses (e.g., wrap fees, mortality and expense fees)
- ERISA Section 404(a)(5) requires that plan fees be disclosed to participants
  - Disclosure must include:
    - An explanation of administrative fees;
    - Fees actually charged against participant accounts;
    - Individual expenses deducted from a participant's account (e.g., loan or QDRO fees); and

Module 5: Fees and Expenses

        - Investment fee and expense information including the amount or a description of fees charged directly against participant accounts, total annual operating expenses expressed as a percentage of assets (expense ratio) and a dollar amount for each $1,000 invested, and any additional ongoing fees to the extent not included in the expense ratio
    - Fee disclosure does not need to be provided quarterly if no changes occurred in previous quarter
- Fees are also required to be disclosed on Form 5500 using either Schedule A, which is used to report commissions or related fees to insurance companies, or
    - Schedule C, which is used to report fees paid to service providers

Best Practices to Determine Reasonableness of Fees

- When hiring a service provider, determine the specific services to be made available
- The level of responsibility the provider is to assume
- Evaluate any services to be included and any optional features
- Determine what services are covered under the estimated fees and what services are not included
- Monitor the level and quality of the services and the performance of the providers and investments to ensure that the costs are reasonable and continue to meet participants' needs

ACTION STEP

- **Establish and follow a prudent process for understanding, monitoring and documenting fees**
- **Accept only full and transparent fee disclosures from all service providers**
- **Conduct regular benchmarking of fees, services and investments**
- **Be aware of opportunities to renegotiate and investigate potentially lower plan or investment costs**

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Scorecard System Methodology™

The **Scorecard System Methodology** incorporates both quantitative and qualitative factors in evaluating fund managers and their investment strategies. The **Scorecard System** is built around pass/fail criteria, on a scale of 0 to 10 (with 10 being the best) and has the ability to measure active, passive and asset allocation investing strategies. Active and asset allocation strategies are evaluated over a five-year time period, and passive strategies are evaluated over a three-year time period.

Eighty percent of the fund's score is quantitative (made up of eight unique factors), incorporating modern portfolio theory statistics, quadratic optimization analysis, and peer group rankings (among a few of the quantitative factors). The other 20 percent of the score is qualitative, taking into account things such as manager tenure, the fund's expense ratio relative to the average fund expense ratio in that asset class category, and the fund's strength of statistics (statistical significance). Other criteria that may be considered in the qualitative score includes the viability of the firm managing the assets, management or personnel issues at the firm, and/or whether there has been a change in direction of the fund's stated investment strategy. The following pages detail the specific factors for each type of investing strategies.

Combined, these factors are a way of measuring the relative performance, characteristics, behavior and overall appropriateness of a fund for inclusion into a plan as an investment option. General fund guidelines are shown in the "Scorecard Point System" table below. The Scorecard Point System is meant to be used in conjunction with our sample Investment Policy Statement, in order to help identify what strategies need to be discussed as a "watch-list" or removal candidate; what strategies continue to meet some minimum standards and continue to be appropriate; and/or identify new top-ranked strategies for inclusion into a plan.

Scorecard Point System	
Good:	**9-10 Points**
Acceptable:	**7-8 Points**
Watch:	**5-6 Points**
Poor:	**0-4 Points**

Scorecard System Methodology™
Target Date Fund Strategies

Target Date Fund strategies are investment strategies that invest in a broad array of asset classes that may include U.S. equity, international equity, emerging markets, real estate, fixed income, high yield bonds and cash (to name a few asset classes). These strategies are managed to a retirement date or life expectancy date, typically growing more conservative as that date is approached. For this type of investment strategy, the **Scorecard System** is focused on how well these managers can add value from asset allocation. Asset allocation is measured using our **Asset allocation strategies methodology** and manager selection is measured using either our **Active and/or Passive strategies methodologies**, depending on the underlying fund options utilized within the Target Date Fund strategy.

Risk-based strategies follow the same evaluation criteria and are evaluated on both their asset allocation and security selection.

Weightings	Target Date Fund Strategies	Maximum Points
Asset Allocation Score (Average) 50%	The individual funds in this Score average require five years of time history to be included. See Asset Allocation strategies methodology for a detailed breakdown of the Scoring criteria. Funds without the required time history are not included in the Score average. The Funds included in this average are from the Conservative, Moderate Conservative, Moderate, Moderate Aggressive and Aggressive categories, where Funds (also referred to as “vintages”) are individually Scored according to their standard deviation or risk bucket.	**5**
Selection Score (Average) 50%	**Active strategies:** The individual active funds in this Score average require five years of time history to be Scored. See Active strategies methodology for a detailed breakdown of the Scoring criteria. Funds without the required time history are not included in the Score average. **Passive strategies:** The individual passive funds in this Score average require three years of time history to be Scored. See Passive strategies methodology for a detailed breakdown of the Scoring criteria. Funds without the required time history are not included in the Score average.	**5**
	Total	**10**

Scorecard System Methodology™

Asset Allocation Strategies

Asset Allocation Strategies

Asset allocation strategies are investment strategies that invest in a broad array of asset classes that may include U.S. equity, international equity, emerging markets, real estate, fixed income, high yield bonds and cash (to name a few asset classes). These strategies are typically structured in either a risk-based format (the strategies are managed to a level of risk, e.g., conservative or aggressive) or, in an age-based format (these strategies are managed to a retirement date or life expectancy date, typically growing more conservative as that date is approached). For this type of investment strategy, the **Scorecard System** is focused on how well these managers can add value, with asset allocation being the primary driver of investment returns and the resulting Score. *Multisector Bond (MSB) asset class* follows the same evaluation criteria with some slightly different tolerance levels where noted. These managers are also evaluated on both their asset allocation and security selection.

Weightings	Asset Allocation Strategies	Maximum Points
Style Factors 30%	**Risk Level:** The fund's standard deviation is measured against the category it is being analyzed in. The fund passes if it falls within the range for that category.	**1**
	Style Diversity: Fund passes if it reflects appropriate style diversity (returns-based) among the four major asset classes (Cash, Fixed Income, U.S. & International Equity) for the given category. *MSB* funds pass if reflect some level of diversity among fixed income asset classes (Cash, U.S. Fixed Income, Non-U.S. Fixed Income and High Yield/Emerging Markets).	**1**
	R-Squared: Measures the percentage of a fund's returns that are explained by the benchmark. Fund passes with an R-squared greater than 90 percent. This statistic measures whether the benchmark used in the analysis is appropriate.	**1**
Risk/Return Factors 30%	**Risk/Return:** Fund passes if its risk is less than the benchmark or its return is greater than the benchmark. Favorable risk/return characteristics are desired.	**1**
	Up/Down Capture Analysis: Measures the behavior of a fund in up and down markets. Fund passes with an up capture greater than its down capture. This analysis measures the relative value by the manager in up and down markets.	**1**
	Information Ratio: Measures a fund's relative risk and return. Fund passes if ratio is greater than 0. This statistic measures the value added above the benchmark, adjusted for risk.	**1**
Peer Group Rankings 20%	**Returns Peer Group Ranking:** Fund passes if its median rank is above the 50th percentile.	**1**
	Sharpe Ratio Peer Group Ranking: Fund passes if its median rank is above the 50th percentile. This ranking ranks risk-adjusted excess return.	**1**
Qualitative Factors 20%	Two points may be awarded based on qualitative characteristics of the fund. Primary considerations are given to manager tenure, fund expenses and strength of statistics, however, other significant factors may be considered. It is important to take into account nonquantitative factors, which may impact future performance.	**2**
	Total	**10**

Scorecard System Methodology™

Active Strategies

Active strategies are investment strategies where the fund manager is trying to add value and outperform the market averages (for that style of investing). Typically, these investment strategies have higher associated fees due to the active involvement in the portfolio management process by the fund manager(s). For this type of investment strategy, the **Scorecard System** is trying to identify those managers who can add value on a consistent basis within their own style of investing.

Weightings	Active Strategies	Maximum Points
Style Factors 30%	**Style Analysis:** Returns-based analysis to determine the style characteristics of a fund over a period of time. Fund passes if it reflects the appropriate style characteristics. Style analysis helps ensure proper diversification in the Plan.	**1**
	Style Drift: Returns-based analysis to determine the behavior of the fund/manager over multiple (rolling) time periods. Fund passes if the fund exhibits a consistent style pattern. Style consistency is desired so that funds can be effectively monitored within their designated asset class.	**1**
	R-Squared: Measures the percentage of a fund's returns that are explained by the benchmark. Fund passes with an R-squared greater than 80 percent. This statistic measures whether the benchmark used in the analysis is appropriate.	**1**
Risk/Return Factors 30%	**Risk/Return:** Fund passes if its risk is less than the benchmark or its return is greater than the benchmark. Favorable risk/return characteristics are desired.	**1**
	Up/Down Capture Analysis: Measures the behavior of a fund in up and down markets. Fund passes with an up capture greater than its down capture. This analysis measures the relative value by the manager in up and down markets.	**1**
	Information Ratio: Measures a fund's relative risk and return. Fund passes if ratio is greater than 0. This statistic measures the value added above the benchmark, adjusted for risk.	**1**
Peer Group Rankings 20%	**Returns Peer Group Ranking:** Fund passes if its median rank is above the 50^{th} percentile.	**1**
	Information Ratio Peer Group Ranking: Fund passes if its median rank is above the 50^{th} percentile. This ranking ranks risk-adjusted excess return.	**1**
Qualitative Factors 20%	Two points may be awarded based on qualitative characteristics of the fund. Primary considerations are given to manager tenure, fund expenses and strength of statistics, however, other significant factors may be considered. It is important to take into account nonquantitative factors, which may impact future performance.	**2**
	Total	**10**

Scorecard System Methodology™

Passive Strategies

Passive strategies are investment strategies where the fund manager is trying to track or replicate some area of the market. These types of strategies may be broad-based in nature (e.g., the fund manager is trying to track/replicate the entire U.S. equity market like the S&P 500) or may be more specific to a particular area of the market (e.g., the fund manager may be trying to track/replicate the technology sector). These investment strategies typically have lower fees than active investment strategies due to their passive nature of investing and are commonly referred to as index funds. For this type of investment strategy, the **Scorecard System** is focused on how well these managers track and/or replicate a particular area of the market with an emphasis on how they compare against their peers.

Weightings	Passive Strategies	Maximum Points
Style & Tracking Factors 40%	**Style Analysis:** Returns-based analysis to determine the style characteristics of a fund over a period of time. Fund passes if it reflects the appropriate style characteristics. Style analysis helps ensure proper diversification in the Plan.	**1**
	Style Drift: Returns-based analysis to determine the behavior of the fund/manager over multiple (rolling) time periods. Fund passes if the fund exhibits a consistent style pattern. Style consistency is desired so that funds can be effectively monitored within their designated asset class.	**1**
	R-Squared: Measures the percentage of a fund's returns that are explained by the benchmark. Fund passes with an R-squared greater than 95 percent. This statistic measures whether the benchmark used in the analysis is appropriate.	**1**
	Tracking Error: Measures the percentage of a fund's excess return volatility relative to the benchmark. Fund passes with a tracking error less than 4. This statistic measures how well the fund tracks the benchmark.	**1**
Peer Group Rankings 40%	**Tracking Error Peer Group Ranking:** Fund passes if its median rank is above the 75th percentile.	**1**
	Expense Ratio Peer Group Ranking: Fund passes if its median rank is above the 75th percentile.	**1**
	Returns Peer Group Ranking: Fund passes if its median rank is above the 75th percentile.	**1**
	Sharpe Ratio Peer Group Ranking: Fund passes if its median rank is above the 75th percentile.	**1**
Qualitative Factors 20%	Two points may be awarded based on qualitative characteristics of the fund. Primary considerations are given to fund expenses and strength of statistics, however, other significant factors may be considered. It is important to take into account nonquantitative factors, which may impact future performance.	**2**
	Total	**10**

Manager Research Methodology

Beyond the Scorecard

The **Scorecard System** uses an institutional approach which is comprehensive, independent, and utilizes a process and methodology that strives to create successful outcomes for plan sponsors and participants. The **Scorecard** helps direct the additional research the Investment team conducts with fund managers throughout the year. Three of the primary factors that go into the fund manager research are people, process and philosophy.

PEOPLE

Key Factors:

- Fund manager and team experience
- Deep institutional expertise
- Organizational structure
- Ability to drive the process and performance

PROCESS

Key Factors:

- Clearly defined
- Consistent application
- Sound and established
- Clearly communicated
- Successfully executed process

PHILOSOPHY

Key Factors:

- Research and ideas must be coherent and persuasive
- Strong rationale
- Logical and compelling
- Focus on identifying skillful managers

Scorecard System Disclosures

Investment objectives and strategies vary among fund, and may not be similar for funds included in the same asset class.

All definitions are typical category representations. The specific share classes or accounts identified above may not be available or chosen by the Plan. Share class and account availability is unique to the client's specific circumstances. There may be multiple share classes or accounts available to the client from which to choose. All recommendations are subject to vendor/provider approval before implementation into the Plan. The performance data quoted may not reflect the deduction of additional fees, if applicable. If reflected, additional fees would reduce the performance quoted.

Performance data is subject to change without prior notice.

Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. Indexes are unmanaged and not available for direct investment.

The information used in the analysis has been taken from sources deemed to be reliable, including, third-party providers such as *Markov Processes International, Morningstar,* firms who manage the investments, and/or the retirement plan providers who offer the funds.

Every reasonable effort has been made to ensure completeness and accuracy; however, the final accuracy of the numbers and information is the responsibility of the investment manager(s) of each fund and/or the retirement plan providers offering these funds. Discrepancies between the figures reported in this analysis, and those reported by the actual investment managers and/or retirement plan providers, may be caused by a variety of factors, including: Inaccurate reporting by the manager/provider; Changes in reporting by the manager/provider from the time this report was prepared to a subsequent retro-active audit and corrected reporting; Differences in fees and share-classes impacting net investment return; and, Scriveners error by your advisor in preparing this report.

The enclosed Investment Due Diligence report, including the **Scorecard System**, is intended for plan sponsor and/or institutional use only. The materials are not intended for participant use.

The purpose of this report is to assist fiduciaries in selecting and monitoring investment options. A fund’s score is meant to be used by the Plan sponsor and/or fiduciaries as a tool for selecting the most appropriate fund.

Fund scores will change as the performance of the funds change and as certain factors measured in the qualitative category change (e.g., manager tenure). Fund scores are not expected to change dramatically from each measured period, however, there is no guarantee this will be the case. Scores will change depending on the changes in the underlying pre-specified Scorecard factors.

Neither past performance nor statistics calculated using past performance are guarantees of a fund’s future performance. Likewise, a fund’s score using the **Scorecard System** does not guarantee the future performance or style consistency of a fund.

This report was prepared with the belief that this information is relevant to the Plan sponsor as the Plan sponsor makes investment selections.

Fund selection is at the discretion of the investment fiduciaries, which are either the Plan sponsor or the Committee appointed to perform that function.

Cash Equivalents (e.g., money market fund) and some specialty funds are not scored by the **Scorecard System**.

The enclosed Investment Due Diligence report and Scorecard is not an offer to sell mutual funds. An offer to sell may be made only after the client has received and read the appropriate prospectus.

For the most current month-end performance, please contact your advisor.

The Strategy Review notes section is for informational purposes only. The views expressed here are those of your advisor and do not constitute an offer to sell an investment. An offer to sell may be made only after the client has received and read the appropriate prospectus.

Carefully consider the investment objectives, risk factors and charges and expenses of the investment company before investing. This and other information can be found in the fund’s prospectus, which may be obtained by contacting your Investment Advisor/Consultant or Vendor/Provider. Read the prospectus carefully before investing.

For a copy of the most recent prospectus, please contact your Investment Advisor/Consultant or Vendor/Provider.

NFPR-2020-62 ACR#4887913 08/22

Online Report Access

Proper documentation is a must for plan governance. That's why we created the **Fiduciary Briefcase™,** an online portal that serves as your private fiduciary file. One that gives you 24/7 access to plan information, meeting summaries, compliance documents, newsletters, memos and so much more. You can access this system by going to **www.nfp.com/login**, selecting Fiduciary Briefcase from the drop-down menu and then enter your secure User ID and Password.

FIDUCIARY BRIEFCASE

Your resource where you will find all the documents we provide to help you reduce the fiduciary liability you face in managing your retirement plan.

Through this portal, we make pertinent plan data available to plan fiduciaries to help them better manage their plan, and organize their fiduciary file in case of an audit. Examples of resources available to our clients are:

- Fiduciary Investment Review™
- Investment policy statements and guidelines
- Meeting minutes and service plans
- Quarterly Market Reviews and plan sponsor newsletters
- General retirement education and communications
- B3 Provider Analysis™ and Fiduciary Plan Review™
- Organization of your plan's file
- Daily access to plan information
- Investment education information for investment committees
- Fiduciary liability management and instant preparation for plan audits

Glossary

Active strategies: investment strategies where the fund manager is trying to add value and outperform the market averages (for that style of investing). Typically, these investment strategies have higher associated costs due to the active involvement in the portfolio management process by the fund manager(s). For this type of investment strategy, the **Scorecard System™** is trying to identify those managers who can add value on a consistent basis within their own style of investing.

Alpha: a measure used to quantify a fund manager's value added. Alpha measures the difference between a portfolio's actual returns and what it might be expected to deliver based on its level of risk. A positive alpha means the fund has beaten expectations and implies a skillful manager. A negative alpha means that the manager failed to match performance with the given risk level.

Asset allocation strategies: investment strategies that invest in a broad array of asset classes that may include U.S. equity, international equity, emerging markets, real estate, fixed income, high yield bonds and cash (to name a few asset classes). These strategies are typically structured in either a risk-based format (the strategies are managed to a level of risk, e.g., conservative or aggressive) or, in an age-based format (these strategies are managed to a retirement date or life expectancy date, typically growing more conservative as that date is approached). For this type of investment strategy, the Scorecard System is focused on how well these managers can add value from both asset allocation and manager selection.

Beta: a measure of risk that gauges the sensitivity of a manager to movements in the benchmark (market). If the market returns change by some amount x, then the manager returns can be expected to change by Beta times x. A Beta of 1 implies that you can expect the movement of a fund's return series to match that of the benchmark. A portfolio with a beta of 2 would move approximately twice as much as the benchmark.

Downside deviation: also referred to as downside risk. The downside standard deviation shows the average size of the deviations (from the mean) when the return is negative.

Excess return: the difference between the returns of a mutual fund and its benchmark.

Explained variance: the explained variance measures the variance of the fund that is explained by the benchmark (similar to the R-squared statistic).

Information ratio: a measure of the consistency of excess return. The ratio is calculated by taking the annualized excess return over a benchmark (numerator) and dividing it by the standard deviation of excess return (denominator). The result is a measure of the portfolio management's performance against risk and return relative to a benchmark. This is a straightforward way to evaluate the return a fund manger achieves, given the risk they take on.

Median rank: refers to the midpoint of the range numbers that are arranged in order of value (lowest to highest).

Passive strategies: investment strategies where the fund manager is trying to track or replicate some area of the market. These types of strategies may be broad-based in nature (e.g., the fund manager is trying to track/replicate the entire U.S. equity market like the S&P 500) or may be more specific to a particular area of the market (e.g., the fund manager may be trying to track/replicate the technology sector). These investment strategies typically have lower costs than active investment strategies due to their passive nature of investing and are commonly referred to as index funds. For this type of investment strategy, the Scorecard System is focused on how well these managers track and/or replicate a particular area of the market with an emphasis on how they compare against their peers.

R-squared: measures (on a scale of 0 t o100) the amount of movement of a fund's return that can be explained by that fund's benchmark. An R-squared of 100 means that all movements of a fund are completely explained by movements in the associated index (benchmark).

Returns-based style analysis: uses a fund's return series to help identify the style of the fund. This is done by comparing those returns across a specific time period to a series of index returns of various styles (Large Cap Growth, Small Cap Value, etc.) over the same period. Through quadratic optimization, the best fit style is calculated. Once the best fit is found, the fund's style can then be analyzed and weightings toward each asset class can be made.

Sharpe ratio: a ratio developed by Bill Sharpe to measure risk-adjusted performance. It is calculated by subtracting the risk-free rate from the rate of return for a portfolio and dividing the result by the standard deviation of the portfolio returns to measure reward on a per unit of risk basis. For example, if a bond fund returns 6% and has a standard deviation of 4% and the risk-free rate is 2% then the Sharpe Ratio for this fund will be 1. (6-2)/4=1.

Significance level: indicates the level of confidence (on a percentage basis) with which the statement "the manager's annualized excess return over the benchmark is positive" or "the manager's annualized excess return over the benchmark is negative," as the case may be, holds true.

Standard deviation: of return measures the average deviations of a return series from its mean (average) return. A large standard deviation implies that there have been large swings in the return series of the manager. The larger the swing, the more volatile the fund's returns and hence more implied risk. For smaller swings the opposite is true. Standard deviation helps us analyze risk by revealing how much the return on the fund is deviating.

Style drift: is the tendency of a fund to deviate from its investment style over time is style drift. This generally occurs because of a change in the fund's strategy, the manager's philosophy or even a portfolio manager change. During the 1990's dotcom boom, for example, many managers – regardless of the strategies they were initially bound by – were able to justify buying tech stocks for their portfolio, in hopes of capitalizing on the tech boom in the market at that time. Consequently, their styles "drifted" from their original strategy.

Tracking error: refers to the standard deviation of excess returns or the divergence between the return behavior of a portfolio and the return behavior of a benchmark. Tracking error is reported as a "standard deviation percentage" difference that accounts for the volatility between the return of a fund versus its benchmark.

Volatility of rank: is measured by taking the median of a series of numbers, or taking the absolute value of the distance of each individual number to that median, then finding the median of those distances. Volatility is used because it makes a better companion to the median than the standard deviation. Standard deviation is commonly used when measuring volatility around the mean (average), while volatility of rank is used for medians.

Up/Down capture: a measure of how well a manager was able to replicate or improve on periods of positive benchmark returns, and how badly the manager was affected by periods of negative benchmark returns. For example, if a fund has an up capture of 120 that means that the fund goes up 12% when the benchmark moves up 10%. The same fund has a down capture of 90 so that means the fund returns a -9% when the benchmark returns a -10%.

Asset Class Definitions

Conservative (CON): a diversified asset allocation strategy including equity with an emphasis on fixed income. Demonstrates a lower overall volatility (risk) level when compared to the other asset allocation categories.
Moderate Conservative (MC): a diversified asset allocation strategy including equity and fixed income. Demonstrates a higher overall volatility (risk) level when compared to CON, but lower volatility level when compared to MOD, MA and AGG.
Moderate (MOD): a diversified asset allocation strategy including equity and fixed income. Demonstrates a higher overall volatility (risk) level when compared to CON and MC, but lower volatility level when compared to MA and AGG.
Moderate Aggressive (MA): a diversified asset allocation strategy including equity and fixed income. Demonstrates a higher overall volatility (risk) level when compared to CON, MC and MOD, but lower volatility level when compared to AGG.
Aggressive (AGG): a diversified asset allocation strategy including fixed income with an emphasis on equity. Demonstrates a higher overall volatility (risk) level when compared to the other asset allocation categories.
Large Cap Value (LCV): large capitalization companies who have lower prices in relation to their earnings or book value.
Large Cap Blend (LCB): large capitalization companies who display both value and growth-like characteristics.
Large Cap Growth (LCG): large capitalization companies who have higher prices relative to their earnings or book value, generally due to a higher forecasted or expected growth rate.
Mid Cap Value (MCV): mid-capitalization companies who have lower prices in relation to their earnings or book value.
Mid Cap Blend (MCB): mid-capitalization companies who display both value and growth-like characteristics.
Mid Cap Growth (MCG): mid-capitalization companies who have higher prices relative to their earnings or book value, generally due to a higher expected growth rate.
Small Cap Value (SCV): small capitalization companies who have lower prices in relation to their earnings or book value.
Small Cap Blend (SCB): small capitalization companies who display both value and growth-like characteristics.
Small Cap Growth (SCG): small capitalization companies who have higher prices relative to their earnings or book value, generally due to a higher forecasted or expected growth rate.
SMid Value (SMCV): includes any fund categorized as SCV or MCV within Morningstar and whose primary prospectus benchmark is the Russell 2500 Value, which consists primarily of small and mid-capitalization companies who have lower prices in relation to their earnings or book value.
SMid Growth (SMCG): includes any fund categorized as SCG or MCG within Morningstar and whose primary prospectus benchmark is the Russell 2500 Growth, which consists primarily of small and mid-capitalization companies who have higher prices in relation to their earnings or book value, generally due to a higher forecasted or expected growth rate.
SMid Blend (SMCB): includes any fund categorized as SCB or MCB within Morningstar and whose primary prospectus benchmark is the Russell 2500, which consists primarily of small and mid-capitalization companies who display both value and growth-like characteristics.
Bank Loans (BL): an array of loans to corporations made by banks and other financial outfits that do not pay a fixed interest rate, but rather an adjustable one and are therefore often referred to as floating rate loans.
International Equity (IE): includes any fund whose primary prospectus benchmark is the MSCI ACWI ex USA, which includes both developed and emerging markets, and is intended to provide a broad measure of stock performance throughout the world, with the exception of U.S. based companies.
International Large Cap Value (ILCV): primarily large capitalization foreign companies displaying both value-like characteristics.
International Large Cap Blend (ILCB): primarily large capitalization foreign companies displaying both value and growth-like characteristics.
International Large Cap Growth (ILCG): primarily large capitalization foreign companies displaying growth-like characteristics.
International Small-Mid Cap Value (ISMCP): primarily small and mid-capitalization foreign companies displaying both value-like characteristics.
International Small-Mid Cap Growth (ISMG): primarily small and mid-capitalization foreign companies displaying both growth-like characteristics.
Emerging Market Equity (EME): foreign companies in countries that are not considered to have fully developed markets or economies.
Global Equity (GE): large capitalization domestic and foreign companies displaying both value and growth-like characteristics.
Core Fixed Income (CFI): domestic fixed income securities representing a broad array of fixed income securities including government, credit and mortgage-backed securities.
Intermediate Government (IG): domestic Government or Government-backed fixed income securities.
U.S. Government TIPS (UGT): treasury inflation protected securities which are Government securities designed to offer inflation protection by adjusting the principal based on changes in the Consumer Price Index.
Short-Term Bond (STB): a broad array of fixed income securities that have short durations and/or maturities (typically 1-3 years).
High Yield (HY): below investment grade domestic fixed income securities, which have a higher likelihood of default.
Global Fixed Income (GFI): a broad array of fixed income securities across many different countries.
Multisector Bond (MB): a broad array of fixed income securities across many different sectors including domestic government, corporate, sovereign and emerging markets debt. They generally have a few limitations when it comes to domicile, sectors, maturities or credit ratings.
Specialty Fixed Income (SFI): a particular segment of the stock market focused on utility companies.
Stable Value (SV): a conservative fixed income strategy that is designed to preserve capital.
Money Market (MM): conservative, short-term oriented money market securities.
Guaranteed Investment Contract (GIC): products that have some type of guarantee from the issuer or provider.
REIT (RE): real estate securities traded on a stock exchange.
Technology (TEC): a particular segment of the stock market focused on technology related companies.
Natural Resources (NR): a particular segment of the stock market focused on natural resource related companies.
HealthCare (HC): a particular segment of the stock market focused on healthcare related companies.
Communication (COM): a particular segment of the stock market focused on communications related companies.
Financial Services (FS): a particular segment of the stock market focused on financial services related companies.
Utilities (UTI): a particular segment of the stock market focused on utility companies.
Specialty (SPC): a unique area of the market
-P: Asset class abbreviations with a “-P” after the abbreviation indicate that the strategy was classified as passively managed. When not indicated, all other strategies are classified as actively managed an/or asset allocation.

Fund Fact Sheet Disclosures

Performance data quoted represents past performance and does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data quoted.

The performance data quoted may not reflect the deduction of additional fees, if applicable. Additional fees would reduce the performance quoted.

Performance data is subject to change without prior notice.

Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. Indexes are unmanaged and not available for direct investment.

The information used in the analysis has been taken from sources deemed to be reliable, including, third-party providers such as Markov Processes International, Morningstar, firms who manage the investments, and/or the retirement plan providers who offer the funds.

Every reasonable effort has been made to insure completeness and accuracy; however, the final accuracy of the numbers and information is the responsibility of the investment manager(s) of each fund and/or the retirement plan providers offering these funds. Discrepancies between the figures reported in this analysis, and those reported by the actual investment managers and/or retirement plan providers, may be caused by a variety of factors, including: inaccurate reporting by the manager/provider; changes in reporting by the manager/provider from the time this report was prepared to a subsequent retroactive audit and corrected reporting; differences in fees and share classes impacting net investment return; and, Scriverners error by your advisor preparing this report.

Fund scores will change as the performance of the funds change and as certain factors measured in the qualitative category change (e.g., manger tenure). Fund scores are not expected to change dramatically from each measured period, however, there is no guarantee this will be the case. Scores will change depending on the changes in the underlying pre-specified Scorecard factors.

Neither past performance or statistics calculated using past performance are a guarantee of a fund's future performance. Likewise, a fund's score using the Scorecard System does not guarantee the future performance or style consistency of a fund.

The purpose of this report is to assist fiduciaries in selecting and monitoring investment options. A fund's score is meant to be used by the plan sponsor and/or fiduciaries as a tool for selecting the most appropriate fund.

Fund selection is at the discretion of the investment fiduciaries, which are either the plan sponsor or the committee appointed to perform the function.

This report is provided solely for information purposes only and therefore not an offer to buy or sell a security. An offer to buy or sell a security may be made only after the client has received and read the appropriate prospectus.

For a copy of the most recent prospectus, please contact your investment advisor/consultant.

Index Disclosures

Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. Indexes are unmanaged and not available for direct investment.
Citigroup Corporate Bond is an index which serves as a benchmark for corporate bond performance. You cannot invest directly in an index.
Citigroup Mortgage Master is an index which serves as a benchmark for U.S. mortgage-backed securities performance.
Citigroup WGBI Index is an index which serves as a benchmark for global bond performance, including 22 different government bond markets.
Credit Suisse High Yield Index is an unmanaged, trader priced index constructed to mirror the characteristics of the high yield bond market.
Bloomberg Barclays U.S. Aggregate Bond (BB Aggregate Bond) represents securities that are U.S., domestic, taxable, and dollar denominated. The index covers the U.S. investment grade fixed rate bond market, with index components for government and corporate securities, mortgage pass-through securities, and asset-backed securities. These major sectors are subdivided into more specific indices that are calculated and reported on a regular basis.
BC Credit Bond Index includes publicly issued U.S. corporate and specified foreign debentures and secured notes that meet the specified maturity, liquidity, and quality requirements. To qualify, bonds must be SEC-registered.
BC U.S. Corporate Investment Grade represents investment grade corporate securities that are U.S., domestic, taxable, and dollar denominated.
BC High Yield Corporate Bond represents below investment grade corporate securities that are U.D., domestic, taxable, and dollar denominated.
BC TIPS Index includes publicly issued U.S. government treasury inflation protected securities that meet the specified maturity, liquidity and other requirements.
BC Mortgage-Backed Securities covers agency mortgage-backed pass-through securities (both fixed-rate and hybrid ARMs) issued by Ginnie Mae (GNMA), Fannie Mae (FNMA), and Freddie Mac (FHLMC).
BC Muni Bond covers the USD-denominated long term tax exempt bond market with four main sectors: state and local general obligation bonds, revenue bonds, insured bonds, and pre-refunded bonds.
BC Government Index includes publicly issued U.S. government securities that meet the specified maturity, liquidity and other requirements.
BarCap U.S. Aggregate 1-3 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 1-3 years.
BarCap U.S. Aggregate 3-5 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 3-5 years.
BarCap U.S. Aggregate 5-7 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 5-7 years.
BarCap U.S. Aggregate 7-10 Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over the next 7-10 years.
BarCap U.S. Aggregate 10+ Yr. TR USD Index represents securities in the BC U.S. Aggregate Index that have maturity dates over 10 years.
DJW 5000 (Full Cap) Index measures the performance of all U.S. common equity securities, and serves as an index of all stock trades in the U.S.
MSCI FI Emerging Markets is a rules-based index which serves as a benchmark for emerging country fixed income performance.
MSCI FI EAFE International is a rules-based index which serves as a benchmark for developed international country fixed income performance.
MSCI EAFE Index is listed for foreign stock funds (EAFE refers to Europe, Australia and Far East). Widely accepted as a benchmark for international stock performance, it is an aggregate of 21 individual country indexes.
MSCI EAFE Large Value represents the large cap value stocks within the MSCI EAFE Index.
MSCI EAFE Large Growth represents the large cap growth stocks within the MSCI EAFE Index.
MSCI EAFE Mid Value represents the mid cap value stocks within the MSCI EAFE Index.
MSCI EAFE Mid Growth represents the mid cap growth stocks within the MSCI EAFE Index.
MSCI EAFE Small Value represents the small cap value stocks within the MSCI EAFE Index.
MSCI EAFE Small Growth represents the small cap growth stocks within the MSCI EAFE Index.
MSCI EM (Emerging Markets) Index serves as a benchmark for each emerging country. The average size of these companies is (U.S.) $400 million, as compared with $300 billion for those companies in the World index.
MSCI World Index is a rules-based index that serves as a benchmark for the developed global equity markets.
MSCI Europe ex UK Index is a rules-based index that serves as a benchmark for Europe's equity markets, excluding the United Kingdom.
MSCI Pacific ex Japan Index is a rules-based index that serves as a benchmark for Asia Pacific's equity markets, excluding Japan.
MSCI United Kingdom Index is a rules-based index that serves as a benchmark for the United Kingdom's equity markets.
MSCI Japan is a rules-based index that serves as a benchmark for Japan's equity markets.
NAREIT All REIT Index includes all tax-qualified REITs with common shares that trade on the New York Stock Exchange the American Stock Exchange or the NASDAQ National Market List.
3-Month T-Bills (90 Day T-Bill Index) are government-backed, short-term investments considered to be risk-free and as good as cash because the maturity is only three months.
Russell 1000 Growth Index is a market-capitalization weighted index of those firms in the Russell 1000 with higher price-to-book ratios and higher forecasted growth values.
Russell 1000 Value Index is a market-capitalization weighted index of those firms in the Russell 1000 with lower price-to-book ratios and lower forecasted growth values.
Russell Top 200 Growth Index is a market-capitalization weighted index of those firms in the Russell Top 200 with higher price-to-book ratios and higher forecasted growth values.
Russell Top 200 Value Index is a market-capitalization weighted index of those firms in the Russell Top 200 with lower price-to-book ratios and lower forecasted growth values.
Russell 2000 Growth Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having higher price-to-book ratio and higher forecasted growth values.
Russell 2000 Index consists of the smallest 2000 companies in the Russell 3000 Index, representing approximately 7% of the Russell 3000 total market capitalization.
Russell 2000 Value Index is a market-weighted total return index that measures the performance of companies within the Russell 2000 Index having lower price-to-book ratio and lower forecasted growth values.

Index Disclosures

Russell MidCap Growth Index is a market-weighted total return index that measures the performance of companies within the Russell MidCap Index having higher price-to-book ratio and higher forecasted growth values.
Russell MidCap Index includes firms 201 through 1000, based on market capitalization, from the Russell 3000 Index.
Russell MidCap Value Index is a market-weighted total return index that measures the performance of companies within the Russell MidCap Index having lower price-to-book ratio and lower forecasted growth values.
Russell Top 200 Index consists of the 200 largest securities in the Russell 3000 Index.
Russell 3000 Index is a market capitalization weighted index, consisting of 3,000 U.S. common equity securities, reflective of the broad U.S. equity market.
Salomon 1-10 Yr. Governments is an index which serves as a benchmark for U.S. Government bonds with maturities ranging from 1 to 10 years.
S&P 500 Index measures the performance of the largest 500 U.S. common equity securities, and serves as an index of large cap stocks traded in the U.S.
S&P 500 Energy Index measures the performance of the energy sector in the S&P 500 Index.
S&P 500 Industrials measures the performance of the industrial sector in the S&P 500 Index.
S&P 500 Financials measures the performance of the financials sector in the S&P 500 Index.
S&P 500 Utilities measures the performance of the utilities sector in the S&P 500 Index.
S&P 500 Consumer Discretionary Index measures the performance of the consumer discretionary sector in the S&P 500 Index.
S&P 500 Consumer Staples Index measures the performance of the consumer staples sector in the S&P 500 Index.
S&P 500 Information Technology measures the performance of the information technology sector in the S&P 500 Index.
S&P 500 Materials measures the performance of the materials sector in the S&P 500 Index.
S&P 500 Health Care measures the performance of the health care sector in the S&P 500 Index.
S&P 500 Telecommunications Services Index measures the performance of the telecommunications services sector in the S&P 500 Index.

General Disclosure

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Scorecard Disclosures

Investment objectives and strategies vary among fund, and may not be similar for funds included in the same asset class.

All definitions are typical category representations. The specific share classes or accounts identified above may not be available or chosen by the plan. Share class and account availability is unique to the client's specific circumstances. There may be multiple share classes or accounts available to the client from which to choose. All recommendations are subject to vendor/provider approval before implementation into the plan

The performance data quoted may not reflect the deduction of additional fees, if applicable. If reflected, additional fees would reduce the performance quoted.

Performance data is subject to change without prior notice.

Performance of indexes reflects the unmanaged result for the market segment the selected stocks represent. Indexes are unmanaged and not available for direct investment.

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Every reasonable effort has been made to ensure completeness and accuracy; however, the final accuracy of the numbers and information is the responsibility of the investment manager(s) of each fund and/or the retirement plan providers offering these funds. Discrepancies between the figures reported in this analysis, and those reported by the actual investment managers and/or retirement plan providers, may be caused by a variety of factors, including: Inaccurate reporting by the manager/provider; Changes in reporting by the manager/provider from the time this report was prepared to a subsequent retro-active audit and corrected reporting; Differences in fees and share-classes impacting net investment return; and, Scriveners error by your advisor in preparing this report.

The enclosed Investment Due Diligence report, including the Scorecard System, is intended for plan sponsor and/or institutional use only. The materials are not intended for participant use.

The purpose of this report is to assist fiduciaries in selecting and monitoring investment options. A fund’s score is meant to be used by the plan sponsor and/or fiduciaries as a tool for selecting the most appropriate fund.

Fund scores will change as the performance of the funds change and as certain factors measured in the qualitative category change (e.g., manager tenure). Fund scores are not expected to change dramatically from each measured period, however, there is no guarantee this will be the case. Scores will change depending on the changes in the underlying pre-specified Scorecard factors.

Neither past performance nor statistics calculated using past performance are guarantees of a fund’s future performance. Likewise, a fund’s score using the Scorecard System does not guarantee the future performance or style consistency of a fund.

This report was prepared with the belief that this information is relevant to the plan sponsor as the plan sponsor makes investment selections.

Fund selection is at the discretion of the investment fiduciaries, which are either the plan sponsor or the committee appointed to perform that function.

Cash Alternatives (e.g., money market fund) and some specialty funds are not scored by the Scorecard System.

The enclosed Investment Due Diligence report and Scorecard is not an offer to sell mutual funds. An offer to sell may be made only after the client has received and read the appropriate prospectus.

For the most current month-end performance, please contact your advisor.

The Strategy Review notes section is for informational purposes only. The views expressed here are those of your advisor and do not constitute an offer to sell an investment. An offer to sell may be made only after the client has received and read the appropriate prospectus.

Carefully consider the investment objectives, risk factors and charges and expenses of the investment company before investing. This and other information can be found in the fund’s prospectus, which may be obtained by contacting your Investment Advisor/Consultant or Vendor/Provider. Read the prospectus carefully before investing.

For a copy of the most recent prospectus, please contact your Investment Advisor/Consultant or Vendor/Provider.

Investment Risk Disclosures

Consider the investment objectives, risks and charges and expenses of the investment company carefully before investing. The prospectus contains this and other information about the investment company. Please contact your advisor for the most recent prospectus. Prospectus should be read carefully before investing.

International/Emerging Markets: The investor should note that funds that invest in international securities involve special additional risks. These risks include, but are not limited to, currency risk, political risk, and risk associated with varying accounting standards. Investing in emerging markets may accentuate these risks.

Sector Funds: The investor should note that funds that invest exclusively in one sector or industry involve additional risks. The lack of industry diversification subjects the investor to increased industry-specific risks.

Non-Diversified Funds: The investor should note that funds that invest more of their assets in a single issuer involve additional risks, including share price fluctuations, because of the increased concentration of investments.

Small-Cap Stocks: The investor should note that funds that invest in stocks of small cap companies involve additional risks. Smaller companies typically have a higher risk of failure, and are not as well established as larger blue-chip companies. Historically, smaller-company stocks have experienced a greater degree of market volatility than the overall market average.

Mid-Cap Stocks: The investor should note that funds that invest in companies with market capitalization below $10 billion involve additional risks. The securities of these companies may be more volatile and less liquid than the securities of larger companies.

High-Yield Bonds: The investor should note that funds that invest in lower- rated debt securities (commonly referred to as junk bonds) involve additional risks because of the lower credit quality of the securities in the portfolio. The investor should be aware of the possible higher level of volatility, and increased risk of default.

Bond/Fixed Income Funds: The investor should note that funds that invest in bonds (fixed income securities), including government, corporate and mortgage- backed securities, involve additional risks. Interest rate risk may cause bonds to lose their value. The investor should be aware that it is possible in a rising rate environment for investment grade bond strategies to lose value and experience negative returns over certain time periods.

Stable Value Funds: The investor should note that these funds invest in short to intermediate term securities that can and may lose value. These funds, while managed to protect principal, do not guarantee the investor’s principal, nor are they insured or guaranteed by the FDIC or any other government agency.

Money Market Funds: The investor should note that these funds invest in short term securities that can and may lose value. These funds, while managed to protect principal, do not guarantee the investor’s principal, nor are they insured or guaranteed by the FDIC or any other government agency.

Guaranteed Investment Contract (GIC): Contract that guarantees the repayment of principal and a fixed or floating rate over a specified period of time. The guarantee is backed by the provider, typically an insurance company.

Contact your advisor with any questions about this report or for the most current month-end performance.

The information presented within this market commentary is intended for informational purposes only and cannot be guaranteed. Please direct all questions and comments concerning this report to your advisor.

SUNSHINE
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UNAUDITED FINANCIAL REPORTS

SUNSHINE
WATER CONTROL DISTRICT
FINANCIAL STATEMENTS
UNAUDITED
AUGUST 31, 2022

SUNSHINE
WATER CONTROL DISTRICT
BALANCE SHEET
GOVERNMENTAL FUNDS
AUGUST 31, 2022

	General Fund	Debt Service Fund Series 2018	Debt Service Fund Series 2021	Total Governmental Funds
ASSETS				
Centennial Bank	$ 857,353	$ -	$ -	$ 857,353
Centennial Bank - escrow	80,857	-	-	80,857
DS - Series 2021	-	-	473,451	473,451
Investments				
State Board of Administration				
A Investment account	5,159	-	-	5,159
A Bank maintenance reserve account	2,702	-	-	2,702
A Renewal & replacement reserve account	2,011	-	-	2,011
A Equipment replacement reserve account	212	-	-	212
Centennial Bank - MMA	259,528	-	-	259,528
FineMark Bank - MMA	249,015	-	-	249,015
FineMark Bank - ICS	13,058,928	-	-	13,058,928
Iberia Bank - MMA	5,531	-	-	5,531
Undeposited funds	8,917	-	-	8,917
Due from general fund	-	-	91,866	91,866
Total assets	$14,530,213	$ -	$ 565,317	$ 15,095,530
LIABILITIES				
Liabilities:				
Accounts payable	$ 185,031	$ -	$ -	$ 185,031
Retainage payable	1,102	-	-	1,102
Due to debt service	91,866	-	-	91,866
Deposits payable/trash bonds	197,000	-	-	197,000
Cost recovery deposits	52,878	-	-	52,878
Payroll liabilities	36	-	-	36
Total liabilities	527,913	-	-	527,913
FUND BALANCES				
Assigned:				
3 months working capital	1,438,513	-	-	1,438,513
Disaster recovery	3,500,000	-	-	3,500,000
Truck replacement	142,000	-	-	142,000
Restricted for				
Debt service	-	-	565,317	565,317
Unassigned	8,921,787	-	-	8,921,787
Total fund balances	14,002,300	-	565,317	14,567,617
Total liabilities and fund balances	$14,530,213	$ -	$ 565,317	$ 15,095,530

SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED AUGUST 31, 2022

	Current Month	Year to Date	Adopted Budget	% of Budget
REVENUES				
Assessments	$ 9	$ 3,494,399	$ 3,480,348	100%
Interest and miscellaneous	1,781	10,084	9,000	112%
Permit review fees	2,394	6,944	4,900	142%
Cost recovery	-	4,704	17,500	27%
Total revenues	4,184	3,516,131	3,511,748	100%
EXPENDITURES				
Administrative				
Supervisors	100	1,450	1,800	81%
Supervisors reimbursement	-	-	7,500	0%
Management/accounting/recording	5,318	58,500	63,819	92%
DSF & CPF accounting	1,243	13,666	14,908	92%
Dissemination fee	84	917	1,000	92%
Arbitrage rebate calculation	-	-	750	0%
Trustee	-	-	5,000	0%
Audit	-	11,200	11,200	100%
Legal	15,846	75,752	95,000	80%
Legal - legislative representation	6,417	6,417	-	N/A
Human resource services	612	6,726	7,337	92%
Communication	-	-	7,500	0%
Dues/subscriptions	-	4,175	4,500	93%
Rent - operations facility	-	39,375	47,249	83%
Insurance	-	23,365	32,543	72%
Legal advertising	-	699	2,500	28%
Office supplies and expenses	-	840	1,500	56%
Postage	84	762	1,200	64%
Postage-ROW clearing	-	-	500	0%
Printing and binding	116	1,283	1,400	92%
Website	-	1,109	3,000	37%
ADA website compliance	210	210	210	100%
Contingencies	1,350	4,023	5,000	80%
Total administrative expenses	31,380	250,469	315,416	79%
Field operations				
Salaries and wages	32,304	354,691	438,375	81%
FICA taxes	2,469	27,233	33,536	81%
Special pay	-	1,435	2,000	72%
Bonus program	-	-	1,500	0%
401a retirement plan	3,198	40,409	43,838	92%
Health insurance	22,355	231,075	278,434	83%
Workers' compensation insurance	-	12,551	15,000	84%
Engineering	2,653	29,643	100,000	30%
Engineering - capital outlay ps1 & ps2	-	15,111	200,000	8%
Engineering - wofo phase 2b	1,344	97,857	219,900	45%
Engineering - sw 20 yrs reporting	-	5,376	-	N/A

SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED AUGUST 31, 2022

	Current Month	Year to Date	Adopted Budget	% of Budget
Consulting engineer services	-	-	25,000	0%
Cost recovery	504	4,315	17,500	25%
Water quality testing	-	3,428	5,224	66%
Telephone	-	1,112	1,800	62%
Electric	500	54,219	85,000	64%
Insurance	-	54,411	46,949	116%
Repairs and maintenance				
Canal banks	6,680	14,198	50,000	28%
Canal dredging	-	-	50,000	0%
Culvert inspection & cleaning	-	-	100,000	0%
Dumpster service	-	5,439	13,000	42%
Truck & tractor	-	8,281	21,000	39%
Other	3,390	21,519	21,000	102%
Operating supplies				
Chemicals	2,160	68,198	90,000	76%
Fuel	-	9,846	20,000	49%
Fuel-pump station generator	-	-	35,000	0%
Triploid carp	-	-	19,755	0%
Uniforms	117	1,383	3,217	43%
Other	74	3,023	4,000	76%
Permit fees, licenses, schools	-	4,730	5,000	95%
Capital outlay - westchester	146,418	225,913	-	N/A
Capital outlay - pump station 1 & 2	-	338,349	1,500,000	23%
Capital outlay - wofc phase 2B	-	2,204,399	1,840,000	120%
Field equipment	-	-	35,000	0%
Pump station telemetry	580	3,419	40,000	9%
Contingencies	35	9,019	5,000	180%
Total field operations	224,781	3,850,582	5,366,028	72%
Other fees and charges				
Tax collector	-	34,943	36,254	96%
Property appraiser	-	34,943	36,254	96%
Property tax bills - fire & EMS assessment	-	38	100	38%
Total other fees & charges	-	69,924	72,608	96%
Total expenditures	256,161	4,170,975	5,754,052	72%

SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
GENERAL FUND
FOR THE PERIOD ENDED AUGUST 31, 2022

	Current Month	Year to Date	Adopted Budget	% of Budget
Excess/(deficiency) of revenues over/(under) expenditures	(251,977)	(654,844)	(2,242,304)	
OTHER FINANCING SOURCES/(USES)				
Transfers in - from DSF Series 2018	-	48,941	-	N/A
Transfers in - from DSF Series 2021	-	-	300,000	0%
Transfer out - to DSF Series 2021	-	-	(107,946)	0%
Total other financing sources/(uses)	-	48,941	192,054	25%
Net increase/(decrease) of fund balance	(251,977)	(605,903)	(2,050,250)	
Fund balance - beginning	14,254,277	14,608,203	14,022,163	
Fund balance - ending				
Assigned:				
3 months working capital	1,438,513	1,438,513	1,438,513	
Disaster recovery	3,500,000	3,500,000	3,500,000	
Truck replacement	142,000	142,000	142,000	
Unassigned	8,921,787	8,921,787	6,891,400	
Total fund balance - ending	$ 14,002,300	$ 14,002,300	$ 11,971,913	

SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
DEBT SERVICE FUND SERIES 2018
FOR THE PERIOD ENDED AUGUST 31, 2022

	Current Month	Year To Date
REVENUES		
Interest	$ -	$ 6
Total revenues	-	6
EXPENDITURES		
Debt service	-	-
Total debt service	-	-
Excess/(deficiency) of revenues over/(under) expenditures	-	6
OTHER FINANCING SOURCES/(USES)		
Transfers (out)	-	(156,887)
Total other financing sources/(uses)	-	(156,887)
Net increase/(decrease) in fund balance	-	(156,881)
Fund balances - beginning	-	156,881
Fund balances - ending	$ -	$ -

SUNSHINE
WATER CONTROL DISTRICT
STATEMENT OF REVENUES, EXPENDITURES,
AND CHANGES IN FUND BALANCES
DEBT SERVICE FUND SERIES 2021
FOR THE PERIOD ENDED AUGUST 31, 2022

	Current Month	Year To Date	Adopted Budget	% of Budget
REVENUES				
Assessment levy: on-roll	$ 2	$ 851,868	$ 848,359	100%
Interest	555	1,113	-	N/A
Total revenues	557	852,981	848,359	101%
EXPENDITURES				
Debt service				
Principal	-	135,000	135,000	100%
Interest	-	291,251	291,251	100%
Total debt service	-	426,251	426,251	100%
Other fees and charges				
Tax collector	-	17,037	8,837	193%
Property appraiser	-	-	8,837	0%
Cost of issuance	-	3,000	-	N/A
Total other fees and charges	-	20,037	17,674	113%
Total expenditures	-	446,288	443,925	101%
Excess/(deficiency) of revenues over/(under) expenditures	557	406,693	404,434	
OTHER FINANCING SOURCES/(USES)				
Transfers in	-	107,946	107,946	100%
Transfers (out)	-	-	(300,000)	0%
Total other financing sources/(uses)	-	107,946	(192,054)	-56%
Net increase/(decrease) in fund balance	557	514,639	212,380	
Fund balances - beginning	564,760	50,678	-	
Fund balances - ending	$ 565,317	$ 565,317	$ 212,380	

SUNSHINE
Water Control District
Special Assessment Revenue Improvement Bonds, Series 2018
$11,685,000

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
11/01/2021		-	222,015.00	222,015.00
05/01/2022		4.800%	222,015.00	222,015.00
11/01/2022		-	222,015.00	222,015.00
05/01/2023	430,000.00	4.800%	222,015.00	652,015.00
11/01/2023		-	213,845.00	213,845.00
05/01/2024	450,000.00	4.800%	213,845.00	663,845.00
11/01/2024		-	205,295.00	205,295.00
05/01/2025	465,000.00	4.800%	205,295.00	670,295.00
11/01/2025		-	196,460.00	196,460.00
05/01/2026	480,000.00	4.800%	196,460.00	676,460.00
11/01/2026		-	187,340.00	187,340.00
05/01/2027	500,000.00	4.800%	187,340.00	687,340.00
11/01/2027		-	177,840.00	177,840.00
05/01/2028	520,000.00	4.800%	177,840.00	697,840.00
11/01/2028		-	167,960.00	167,960.00
05/01/2029	540,000.00	4.800%	167,960.00	707,960.00
11/01/2029		-	157,700.00	157,700.00
05/01/2030	560,000.00	4.800%	157,700.00	717,700.00
11/01/2030		-	147,060.00	147,060.00
05/01/2031	580,000.00	4.800%	147,060.00	727,060.00
11/01/2031		-	136,040.00	136,040.00
05/01/2032	600,000.00	4.800%	136,040.00	736,040.00
11/01/2032		-	124,640.00	124,640.00
05/01/2033	625,000.00	4.800%	124,640.00	749,640.00
11/01/2033		-	112,765.00	112,765.00
05/01/2034	650,000.00	4.800%	112,765.00	762,765.00
11/01/2034		-	100,415.00	100,415.00
05/01/2035	675,000.00	4.800%	100,415.00	775,415.00
11/01/2035		-	87,590.00	87,590.00
05/01/2036	695,000.00	4.800%	87,590.00	782,590.00
11/01/2036		-	74,385.00	74,385.00
05/01/2037	730,000.00	4.800%	74,385.00	804,385.00
11/01/2037		-	60,515.00	60,515.00
05/01/2038	750,000.00	4.800%	60,515.00	810,515.00
11/01/2038		-	46,265.00	46,265.00
05/01/2039	780,000.00	4.800%	46,265.00	826,265.00
11/01/2039		-	31,445.00	31,445.00
05/01/2040	810,000.00	4.800%	31,445.00	841,445.00
11/01/2040		-	16,055.00	16,055.00
05/01/2041	845,000.00	4.800%	16,055.00	861,055.00
Total	**$11,685,000.00**	**-**	**$5,375,290.00**	**$17,060,290.00**

SUNSHINE
WATER CONTROL DISTRICT

MINUTES

MINUTES OF MEETING
SUNSHINE WATER CONTROL DISTRICT

The Board of Supervisors of the Sunshine Water Control District held Public Hearings and a Regular Meeting on September 14, 2022 at 6:30 p.m., at the La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065.

Present were:

Joe Morera	President
Ivan Ortiz	Vice President
Ed Khouri	Secretary

Also present were:

Cindy Cerbone	District Manager
Jamie Sanchez	Wrathell, Hunt and Associates, LLC
Al Malefatto	District Counsel
Orlando Rubio	District Engineer
Cory Selchan	Field Superintendent
John McKune (via telephone)	Engineering Consultant

FIRST ORDER OF BUSINESS **Call to Order**

Mr. Morera called the meeting to order at 6:30 p.m.

SECOND ORDER OF BUSINESS **Roll Call**

All Supervisors were present.

THIRD ORDER OF BUSINESS **Pledge of Allegiance**

All present recited the Pledge of Allegiance.

FOURTH ORDER OF BUSINESS **Public Comments [3-Minute Time Limit] *(Comments should be made from the microphone to ensure recording. Please state your name prior to speaking.)***

No members of the public spoke.

FIFTH ORDER OF BUSINESS **Discussion: Memorandum Regarding Resolutions 2022-10 and 2022-04 Related to Health Insurance for Board Members**

Mr. Malefatto presented the Memorandum regarding Resolution 2022-10 that will replace Resolution 2022-04, which provided for reimbursement to Board Members for their health insurance premiums. The Amendment limits reimbursements to the amount of premiums paid for employees and specifies that reimbursements may be applied to Medicare and Veterans Administration premiums. Per Internal Revenue Code, premium reimbursements would be considered taxable income. He discussed the optional healthcare reimbursement arrangement. Mr. Malefatto will present additional information at the next meeting.

- **Consideration of Substitute Resolution 2022-10, Providing for Certain Insurance to Board Members and the Spouse of Board Members; Repealing Resolution 2022-04 in its Entirely; Providing for Severability; Providing for an Effective Date**

Ms. Sanchez presented Resolution 2022-10.

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, Resolution 2022-10, Providing for Certain Insurance to Board Members and the Spouse of Board Members; Repealing Resolution 2022-04 in its Entirely; Providing for Severability; Providing for an Effective Date, was adopted.

SIXTH ORDER OF BUSINESS **Public Hearing on Adoption of Fiscal Year 2022/2023 Budget**

- **Consideration of Resolution 2022-11, Relating to the Annual Appropriations and Adopting the Budget for the Fiscal Year Beginning October 1, 2022, and Ending September 30, 2023; Authorizing Budget Amendments; and Providing an Effective Date**

Ms. Sanchez presented Resolution 2022-11. She reviewed the proposed Fiscal Year 2023 budget, which was unchanged since it was presented in May.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the Public Hearing was opened.

No members of the public spoke.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the Public Hearing was closed.

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, Resolution 2022-11, Relating to the Annual Appropriations and Adopting the Budget for the Fiscal Year Beginning October 1, 2022, and Ending September 30, 2023; Authorizing Budget Amendments; and Providing an Effective Date, was adopted.

SEVENTH ORDER OF BUSINESS **Public Hearing to Hear Comments and Objections on the Imposition of Maintenance and Operation Special Assessments to Fund the Budget for Fiscal Year 2022/2023, Pursuant to Florida Law**

- **Consideration of Resolution 2022-12, Making a Determination of Benefit and Imposing Special Assessments for Fiscal Year 2022/2023; Providing for the Collection and Enforcement of Special Assessments; Certifying an Assessment Roll; Providing for Amendments to the Assessment Roll; Providing a Severability Clause; and Providing an Effective Date**

Ms. Sanchez presented Resolution 2022-12.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the Public Hearing was opened.

No members of the public spoke.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the Public Hearing was closed.

On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, Resolution 2022-12, Making a Determination of Benefit and Imposing Special Assessments for Fiscal Year 2022/2023; Providing for the Collection and Enforcement of Special Assessments; Certifying an Assessment Roll; Providing for Amendments to the Assessment Roll; Providing a Severability Clause; and Providing an Effective Date, was adopted.

EIGHTH ORDER OF BUSINESS **Acceptance of Unaudited Financial Statements as of July 31, 2022**

Ms. Sanchez presented the Unaudited Financial Statements as of July 31, 2022.

Discussion ensued regarding processing of a Change Order.

Mr. Selchan stated, when it became apparent that scheduled work would not be completed within the current fiscal year, the expenditure was moved to the Fiscal Year 2023 budget.

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the Unaudited Financial Statements as of July 31, 2022, were accepted.

NINTH ORDER OF BUSINESS **Approval of August 10, 2022 Regular Meeting Minutes**

Ms. Sanchez presented the August 10, 2022 Regular Meeting Minutes. Mr. Malefatto discussed changes submitted to Management. The following changes were made:

Line 130: Change “RBD” to “RBC”

Line 153: Change “CDD” to “District”

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the August 10, 2022 Regular Meeting Minutes, as amended to include edits previously submitted to Management and edits from today’s meeting, were approved.

TENTH ORDER OF BUSINESS Supervisors' Communications

Mr. Morera stated he had an opportunity to accompany Mr. Selchan and observe work and progress in the District. He thanked Mr. Selchan and encouraged the other Board Members to do the same. The City's Budget Hearing will be September 21, 2022 at City Hall.

Mr. Morera asked if there is a list of all signed agreements with residents and if follow up was done to ensure residents are in compliance. Ms. Cerbone stated all agreements are public record and all records are retained. Follow up is only be done if directed by the Board and no such direction has been given.

Mr. Morera directed Mr. Selchan to perform spot inspections. Mr. Selchan stated Staff is aware of some instances of noncompliance; he will review the list and send notices.

Discussion ensued regarding the most cost-effective means of addressing instances of noncompliance with Option 2 and Option 3 Agreements, residents who do not have Agreements and removal of obstructions on District property at the resident's expense.

A successful obstruction removal was discussed.

Mr. Selchan stated the contractor engaged did a good job and the resident was satisfied.

Mr. Morera thanked Staff for their assistance.

ELEVENTH ORDER OF BUSINESS Staff Reports

A. District Counsel: *Lewis, Longman & Walker, P.A.*

Mr. Malefatto stated that, several months ago, the District vendor "Just Call James" (JCJ) inadvertently cut a BlueStream cable line while performing maintenance. BlueStream charged JCJ $3,000. He sent a letter and email to BlueStream's attorney pointing out that, if the line had been permitted the situation could have been avoided. No response was received and now BlueStream's collection company is pursuing JCJ for the repair costs. Mr. Malefatto stated he advised BlueStream's attorney that the cost should be waived because the cable line was never permitted.

The importance and methods of supporting District vendors were discussed.

Mr. Selchan stated the JCJ put its insurance company on notice. He voiced his opinion that the $3,000 bill seemed excessive for the repair performed. The consensus was to support JCJ. Mr. Malefatto will continue calling and emailing about the permitting violation.

Mr. Malefatto discussed new Legislation related to a Referendum that will be on the upcoming November ballot, which asks voters in the District if they prefer a one person, one vote system, as opposed to the current allocation of one vote per property. Representative Daley, the sponsor of the Legislation, submitted a public records request for the District's rate payers. A list of assessed properties was provided and it is expected that property owners will be contacted and encouraged to vote. Similar requests were made of other area Special Districts. Mr. Morera stated he will continue attending and speaking at meetings hosted by Representative Daley to educate the public about the purpose and activities of the District.

B. District Engineer: Craig A. Smith & Associates

I. Presentation: Monthly Engineer's Report

Mr. Rubio presented the September Monthly Engineer's Report. He noted the following:

➢ Pump Stations 1 and 2: Electrical repairs are on hold until dry season. Building permits for foundation work at Pump Station 2 are in progress.

➢ West Outfall Phase 2B Improvements: The canal work is done. A meeting was held with the contractor and the Structural Engineer regarding work at Riverside Drive and Pump Station 1 and coordinating and scheduling work.

- **Update: Riverside Drive Bridge Repairs**

Mr. Rubio presented the Radise International Engineering proposal for design work under the Riverside Drive Bridge, including multiple design alternatives and associated costs for each canal crossing. The design work is necessary to allow the contractor to provide a bid for the work; he recommended Canal Improvement Approach A.

Mr. Selchan stated, in its current state, the bridge is a tremendous impediment to water flow and the proposed work is essential.

Discussion ensued regarding the proposal and the options presented. Mr. Selchan stated, after much consideration, Staff is in agreement that Approach A is preferable.

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the RADISE International proposal for the design of Riverside Drive, at a lump sum cost of $123,294.04, was approved.

- The culvert replacement at NW 24th Street is nearly complete.

Mr. Selchan stated the second lift of asphalt is complete and residents are pleased. A meeting was held to determine where trees will be planted; he strongly recommended avoiding planting in the right-of-way (ROW) and staying as far away from the canals as possible and residents agreed.

II. Permit Applications

Mr. Rubio presented the following permit applications:

a. CSJ Capital, LLC (Ladybird Academy) Canal L

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the CAS Project No. 15-1826-P31 ROW Permit Application submitted by Z Development Services, on behalf of CSJ Capital, LLC for development of institutional facility Ladybird Academy adjacent to Canal "L", including demucking work on the adjacent canal, subject to the Special Conditions set forth in the September 6, 2022 recommendation letter, was approved.

b. Foundry Commercial Acquisition, LLC (Waste Transfer Station) Culvert Crossing – Canal RR

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the CAS Project No. 15-1826-P33 ROW Permit Application submitted by Chem Moore and Associates on behalf of Foundry Commercial Acquisition, LLC for culverting a segment of Canal RR to allow an access driveway to the permittee's property on the south side of the canal and installation of a paved driveway canal crossing with F-curb, sidewalk on the west side, guardrails on both sides and 72 LF of 84" RCP with FDOT standard concrete headwalls, subject to the Special Conditions set forth in the September 6, 2022 recommendation letter was approved.

C. District Engineering Consultant: *John McKune*

There was no report.

D. District Field Supervisor: *Cory Selchan*

Mr. Selchan reported the following:

- There have been many thunderstorms but not much rainfall accumulation. Water is low in the East Basin. Approximately 7’ is retained in the West Basin as amounts over that level will be pumped out until the improvements at the Pump Station are complete.
- Invasive weeds grow fast in the summer and crews are working as hard as they can to maintain these areas.
- Board Members were encouraged to accompany Staff for inspections.

Mr. Selchan recalled previous discussion about planting a tree in memory of a former Board Member.

Discussion ensued regarding the tree memorial program offered by the City. Mr. Selchan will obtain additional information about availability at Cypress Park.

E. District Manager: *Wrathell, Hunt & Associates, LLC*

I. Obstructions Removal Agreement Request (Option 2) – 2988 NW 103 Lane

Ms. Sanchez presented the Option 2 Obstructions Removal Agreement that was requested by the property owner to remove obstructions in the ROW. Proposals were received from Castle Tree Art and JCJ, in the amounts of $4,735 and $3,900, respectively. Mr. Selchan stated both are good vendors and recommended accepting the lowest cost proposal.

On MOTION by Mr. Ortiz and seconded by Mr. Khouri, with all in favor, the Option 2 Agreement and the Just Call James proposal for tree removal, in the amount of $3,900, were approved.

II. NEXT MEETING DATE: October 12, 2022 at 6:30 P.M.

- **QUORUM CHECK**

The next meeting is scheduled for October 12, 2022.

Ms. Sanchez stated the December meeting will be on December 7, 2022, as the Coral Springs Holiday Parade is scheduled for December 14, 2022.

TWELFTH ORDER OF BUSINESS **Public Comments**

No members of the public spoke.

THIRTEENTH ORDER OF BUSINESS **Adjournment**

On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the meeting was adjourned at 7:36 p.m.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

___________________________	___________________________
Secretary/Assistant Secretary	President/Vice President

SUNSHINE
WATER CONTROL DISTRICT

STAFF
REPORTS
BI

October 5, 2022

Board of Supervisors
Sunshine Water Control District
2300 Glades Road, Suite 410W
Boca Raton, Florida 33073

RE: SUNSHINE WATER CONTROL DISTRICT - MONTHLY ENGINEER'S REPORT (MER)
(October 12, 2022 Board Meeting)
September 7, 2022 - October 5, 2022
CAS PROJECT NO. 15-1826

Dear Board of Supervisors:

Craig A. Smith & Associates, Inc. (CAS) is pleased to provide you with the MER summarizing activity performed by our team on behalf of SWCD during the referenced period including future work. Anything of significance or modifications occurring after this writing will be brought up at the October 12, 2022 BOS meeting.

Electrical Repairs at Pump Station Nos. 1 and 2

Current Connections Inc continues to work on the building permit for the foundation work at PS2.

West Outfall Canal Phase 2B Improvements

A field meeting headed by Radise International was held with team members (SWCD, Rio-Bak Corp, & CAS) for the structural work at PS1 on 9.8.2022. CAS survey work at PS1 has commenced. Design plans are under development for the intake area and are undergoing inhouse reviews by Radise International.

Culvert Replacement – NW 24th St (Westchester Blvd)

The project is nearly completed and is being managed by the City and their consultants. Per the interlocal agreement, the SWCD is cost sharing the construction costs. Restoration efforts are well underway. Review of as-built plans pending.

561.314.4445
21045 Commercial Trail
Boca Raton, FL 33486

Right-of-Way Permits

The following applications are recommended for approval or are under review as noted:

- Osprey Site - NW 39th St & NW 120th Ave is attached to this report and is recommended for BOS approval.
- Flora Fine Foods - is attached to this report and is recommended for BOS approval.
- Amera Downtown Development Co., LLC – Sample Road and University Drive: Application submittal has been received and remains under review.

All of the above permit applications are under the cost recovery procedures.

As always, we continue to look forward to working with the SWCD staff on current and future important projects. Should there be any questions, I can be reached at the letterhead numbers shown or by electronic mail at orubio@craigasmith.com.

Sincerely,

CRAIG A. SMITH & ASSOCIATES

Orlando A. Rubio, PE
VP of Stormwater Engineering

Enclosures: ROW Permit Recommendations (2)

cc: **SWCD -** Cory Selchan, John McKune, PE (via e-mail)
WHA - Jamie Sanchez, Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Andrew Kantarzhi, Gianna Denofrio, Caryn Kupiec (via e-mail)
CAS - Steve C. Smith, PE, (via e-mail)

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CRAIG A. SMITH & ASSOCIATES
A SMART-INFRASTRUCTURE COMPANY

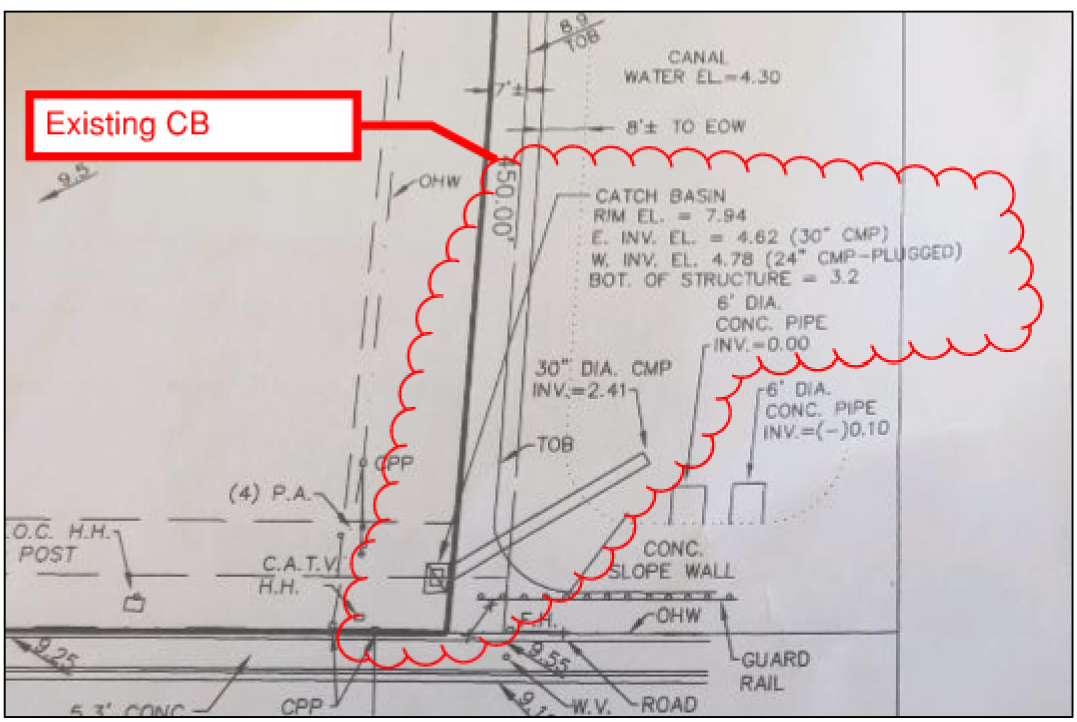
October 4, 2022

Board of Supervisors
Sunshine Water Control District (SWCD)
2300 Glades Road, Suite 410W
Boca Raton, Florida 33073

RE: SWCD Right-of-Way Permit Application – Canal "MM"
Flora Fine Foods – 12400 NW 35th St, 33065
Previous Permit No. 2020-14.
CAS PROJECT NO. 15-1826-P25

Dear Board of Supervisors (BOS):

We have reviewed the Right-of-Way permit application submitted by Diversified Construction & Engineering Services (DCES) on behalf of Flora Fine Foods for the site development at 12400 NW 35th St. Please be advised that this site was previously approved by the SWCD on 9.14.2020 under the above mentioned permit. The site drainage system was designed with no positive outfall. It was designed to have total on-site retention. Flooding has been experienced at the site and the permittee has revisited its discharge options. During the construction of the site improvements, an existing buried catch basin with 30" outfall pipe was found and this created an opportunity to modify the catch basin and utilize its discharge to the adjacent SWCD canal. The permittee submitted updated survey information which shows this catch basin at the southeast corner of the site (see below).



561.314.4445
21045 Commercial Trail
Boca Raton, FL 33486

Background: The originally proposed work entailed the redevelopment of the property with a new building, future gas station, and new parking lot with perimeter stormwater retention areas. **The adjacent Canal "MM" will undergo bottom demucking below the culvert inverts under Sample Road and this has not changed.**

This authorization is simply for the use of the existing catch basin to overflow into the adjacent canal. The applicant has met SWCD applicable criteria and we recommend that the SWCD BOS re-issue Right-of-Way Permit No. 2020-14 to reflect this modification, subject to the following Special Conditions to be made part of the Permit on the scheduled October 13, 2020 BOS meeting:

1. All work must be in compliance with the latest SWCD Permit Criteria Manual.
2. All nuisance vegetation within the abutting Canal "MM" work limits shall be removed and canal banks shall be stabilized with sod.
3. Permittee will ensure that all necessary Sediment & Erosion Control devices will be utilized at the SWCD right-of-way during construction.
4. *Trash bond ($2,500) shall be submitted prior to permit issuance and the Contractor shall repair and replace any SWCD facilities damaged during construction at no cost to the District – (COMPLIED).*
5. A copy of Record As-builts and Engineer Certification shall be provided to SWCD upon completion of all work with elevations shown in NAVD datum.
6. All applicable permits and approvals for Work shall be obtained.
7. SWCD shall be notified at least 48 hours prior to construction.

Sincerely,

CRAIG A. SMITH & ASSOCIATES

Orlando A. Rubio, PE
VP of Stormwater Engineering

Enclosure: Drainage Plan

cc: SWCD – Cory Selchan (via e-mail)
WHA – Cindy Cerbone, Debbie Tudor, Jamie Sanchez, Andrew Kantarzhi, Gianna Denofrio, Daphne Gillyard (via e-mail)
DCES –Neil Janov, PE (via e-mail)
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CRAIG A. SMITH & ASSOCIATES
A SMART-INFRASTRUCTURE COMPANY

October 4, 2022

Board of Supervisors
Sunshine Water Control District (SWCD)
2300 Glades Road, Suite 410W
Boca Raton, Florida 33073

RE: SWCD Right-of-Way Permit Application – Canals "NN" & "MM"
Osprey Site – NW 39th St/NW 120th Avenue
CAS PROJECT NO. 15-1826-P32

Dear Board of Supervisors (BOS):

We have reviewed the Right-of-Way permit application submitted by Langan Engineering and Environmental Services on behalf of Sawgrass Place Owner, LLC. The proposed project entails the development of an industrial warehouse facility with loading docks, associated parking areas and perimeter dry detention areas with overflow to the SWCD canal system. The applicant has met SWCD applicable criteria and we recommend that the SWCD BOS issue a Right-of-Way Permit to the applicant, subject to the following Special Conditions to be made part of the Permit on the scheduled October 12, 2020 BOS meeting:

1. All work must be in compliance with the latest SWCD Permit Criteria Manual.
2. All nuisance vegetation within the abutting Canals "NN" & "MM" work limits shall be removed and canal banks shall be stabilized with sod.
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SUNSHINE
WATER CONTROL DISTRICT

STAFF
REPORTS
BIIa

CRAIG A. SMITH & ASSOCIATES
A SMART-INFRASTRUCTURE COMPANY

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Sunshine Water Control District (SWCD
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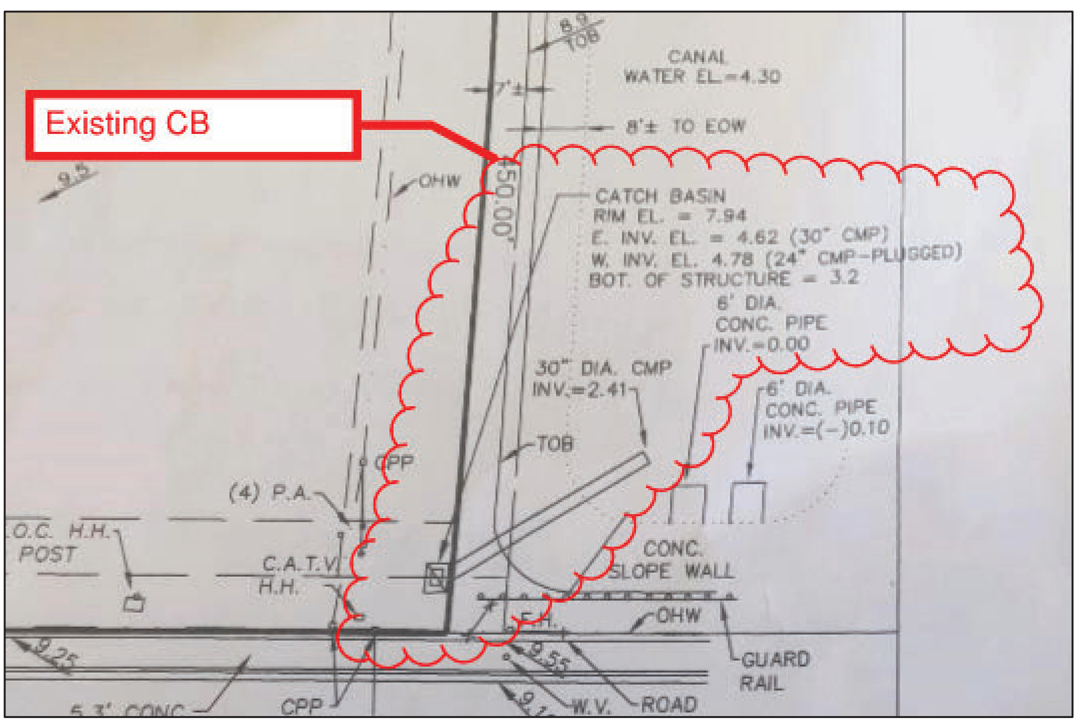

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2. All nuisance vegetation within the abutting Canal "MM" work limits shall be removed and canal banks shall be stabilized with sod.
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4. *Trash bond $2,500) shall be submitted prior to permit issuance and the Contractor shall repair and replace any SWCD facilities damaged during construction at no cost to the District – (COMPLIED .*
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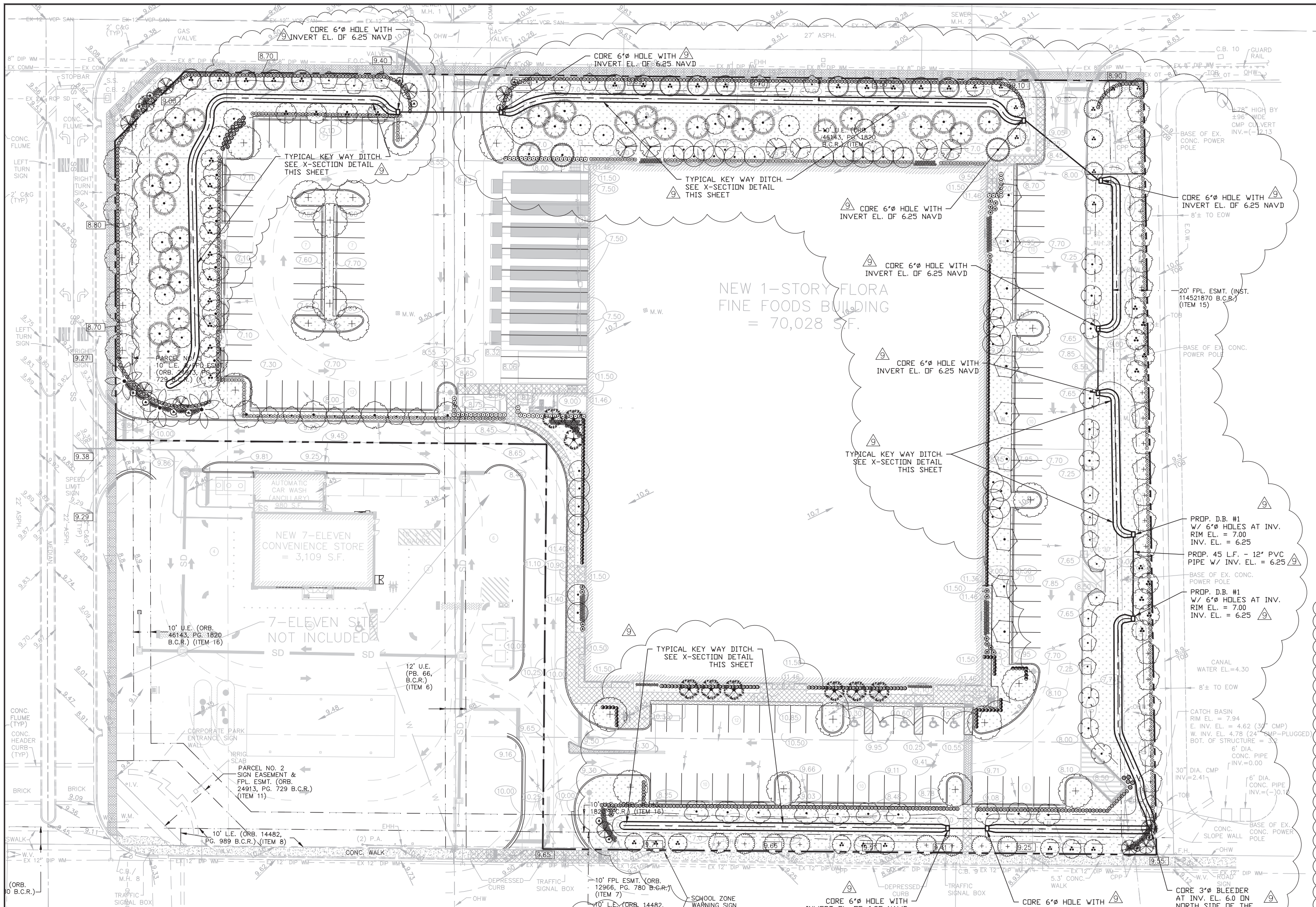
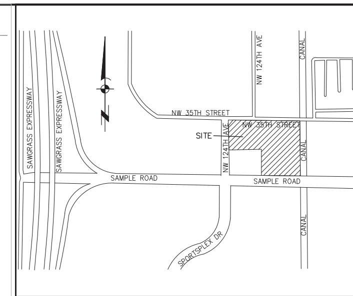


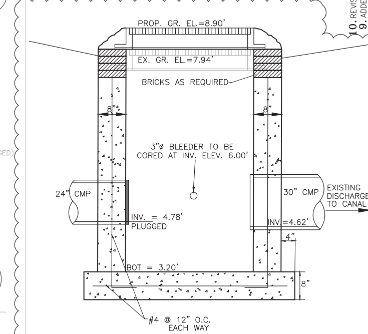


LOCATION SKETCH

N.T.S.

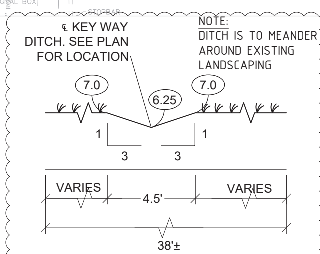
10.00	EXISTING ELEVATION
11.50	PROPOSED GRADES (PREVIOUS DESIGN)
11.50	CALCULATED GRADES (PREVIOUS DESIGN)
	DIRECTION OF FLOW (PREVIOUS DESIGN)
	PROPOSED DRAINAGE BASIN (D.B.) (NEW DESIGN)
	PROPOSED KEY WAY DITCH (NEW DESIGN)
	PROPOSED CONCRETE WALK/PADS (PREVIOUS DESIGN)
	PROPOSED LANDSCAPE/SOD AREAS (PREVIOUS DESIGN)
C.P.P	CORRUGATED PLASTIC PIPE (PREVIOUS DESIGN)
	PROPOSED CURB CUT FOR DRAINAGE (PREVIOUS DESIGN)

NORTH



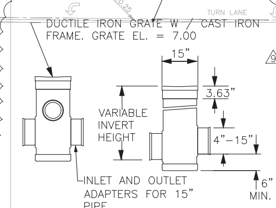
DETAIL OF EXISTING CATCH BASIN TO BE MODIFIED

N.T.S.



KEY WAY DITCH DETAIL

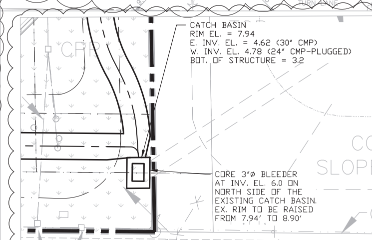
N.T.S



15" DRAINAGE BASIN DETAIL

N.T.S.

NYLOPLAST-ADS DRAIN BASIN OR EQUAL



10 SCALE BLOW UP OF CATCH BASIN TO BE MODIFIED

48 HOURS BEFORE DIGGING
BROWARD • PALM BEACH • INDIAN RIVER • ST. LUCIE • MARTIN COUNTIES
CALL TOLL FREE
1-800-432-4770
FOR UNDERGROUND UTILITIES NOTIFICATION AND LOCATION

DISCLAIMER:
INFORMATION SHOWN ON THIS PLAN IS A GRAPHIC REPRESENTATION ONLY, AND IS NOT TO BE USED IN LIEU OF A HORIZONTAL CONTROL PLAN.

Neal B. Janov, State of Florida, Professional Engineer, License No. 21998. This item has been digitally signed and sealed by Neal B. Janov, P.E. on August 11, 2022 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

NEAL B. JANOV #21998

DIVERSIFIED CONSTRUCTION
DCES
& ENGINEERING SERVICES
2295 N.W. CORPORATE BLVD. #125 BOCA RATON, FL 33431
561-750-3717 FAX 561-750-3686
EB #6459

REVISIONS	DATE:	DWN.:	CHK.:
1. REVISED FOR SECOND DRC SUBMITTAL	10-17-2019	M.A.	N.B.J.
2. REVISED PER SECOND DRC COMMENTS	12-05-2019	M.A.	N.B.J.
3. REVISED PER SWCD COMMENTS	04-27-2020	S.T.	N.B.J.
4. REVISED PER RAMP|TRUCK WELL CHANGE	07-23-2020	M.A.	N.B.J.
5. REVISED PER AGREED MODIFICATION	08-24-2020	M.A.	N.B.J.
6. REVISED PER FPL REQUIREMENT	12-09-2020	M.A.	N.B.J.
7. REVISED PER FIELD CONDITIONS	06-08-2021	M.A.	N.B.J.
8. REVISED PER FIELD CONDITIONS	06-25-2021	M.A.	N.B.J.
9. ADDED SHEET C-1A, DRAINAGE MODIFICATION IMPROVEMENTS PER FIELD CONDITIONS	07-13-2022	F.R.C.	N.B.J.
10. REVISED PER SFWMD COMMENT	08-05-2022	M.A.	N.B.J.

FLORA FINE FOODS INC.

12327 WEST SAMPLE ROAD, CORAL SPRINGS, FL 33065,

DRAINAGE MODIFICATION IMPROVEMENTS

DCES

SCALE:	1"=30'
DATE:	07-13-2022
DWN. BY:	F.R.C.
CHK. BY:	N.B.J.
F.B.	PG.
JOB NO.:	2360-19
SHEET:	C-1A OF 6

SUNSHINE
WATER CONTROL DISTRICT

STAFF REPORTS BIIb

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OSPREY SITE

NW 39TH STREET & NW 120TH AVENUE
CORAL SPRINGS, FL, 33065

PARCEL ID: 4841-18-01-0141

SECTION 18, TOWNSHIP 48S, RANGE 41E

INDEX OF SHEETS
CIVIL SHEETS BY LANGAN

200 0 100 200
SCALE: 1" = 200'

DESCRIPTION:
PARCEL "O", GREATER CORAL SPRINGS RESEARCH AND DEVELOPMENT PARK, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 65, PAGE 10, PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LESS AND EXCEPT:

A TRACT OF LAND LYING IN SECTION 18, TOWNSHIP 48 SOUTH, RANGE 41 EAST, CITY OF CORAL SPRINGS, BROWARD COUNTY, FLORIDA, REFERENCE PLAT OF "GREATER CORAL SPRINGS RESEARCH AND DEVELOPMENT PARK", PLAT BOOK 65, PAGE 10, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF PARCEL "O", ACCORDING TO THE PLAT THEREOF, SAID POINT BEING ON THE SOUTH RIGHT-OF-WAY LINE OF N.W. 39TH STREET AND ALSO BEING THE NORTH BOUNDARY OF SAID PARCEL "O";
THENCE NORTH 89°27'08" WEST ALONG SAID NORTH BOUNDARY OF PARCEL "O" AND BEING THE SOUTH RIGHT-OF-WAY LINE OF N.W. 39TH STREET FOR A DISTANCE OF 74.74 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 25.00 FEET AND A CENTRAL ANGLE OF 88°30'08";
THENCE EASTERLY, SOUTHEASTERLY AND SOUTHERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 38.61 FEET TO A POINT OF TANGENCY;
THENCE SOUTH 00°57'00" EAST, ALONG A LINE PARALLEL WITH AND 50.37 FEET WEST OF (AS MEASURED AT RIGHT ANGLES TO) THE EAST BOUNDARY LINE OF SAID PARCEL "O", A DISTANCE OF 111.75 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST, HAVING A RADIUS OF 550.07 FEET AND A CENTRAL ANGLE OF 16°56'00";
THENCE SOUTHERLY AND SOUTHEASTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 162.57 FEET TO A POINT OF REVERSE CURVATURE OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 609.49 FEET AND A CENTRAL ANGLE OF 16°56'40";
THENCE SOUTHEASTERLY AND SOUTHERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 180.245 FEET TO A POINT OF TANGENCY;
THENCE NORTH 00°57'00" WEST, ALONG THE EAST BOUNDARY LINE OF SAID PARCEL "O" A DISTANCE OF 472.40 FEET, TO THE POINT OF BEGINNING.

AND FURTHER LESS AND EXCEPT.

A TRACT OF LAND LYING IN SECTION 18, TOWNSHIP 48 SOUTH, RANGE 41 EAST, CITY OF CORAL SPRINGS, BROWARD COUNTY, FLORIDA, REFERENCE PLAT OF "GREATER CORAL SPRINGS RESEARCH AND DEVELOPMENT PARK", PLAT BOOK 65, PAGE 10, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF PARCEL "O", ACCORDING TO THE PLAT THEREOF, SAID POINT BEING ON THE SOUTH RIGHT-OF-WAY LINE OF N.W. 39TH STREET, AND ALSO BEING THE NORTH BOUNDARY OF SAID PARCEL "O";
THENCE SOUTH 00°57'00" EAST ALONG THE EAST BOUNDARY OF SAID PARCEL "O" A DISTANCE OF 520.98 FEET TO THE POINT OF BEGINNING;
THENCE SOUTH 00°57'00" EAST, ALONG SAID EAST BOUNDARY OF SAID PARCEL "O" A DISTANCE OF 112.92 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 110.00 FEET AND A CENTRAL ANGLE OF 45°44'56";
THENCE NORTHERLY AND NORTHEASTERLY ALONG THE ARC OF SAID CURVE, A DISTANCE OF 87.83 FEET TO A POINT;
THENCE NORTH 45°12'04" WEST, ALONG THE DIVISION LINE OF SAID PARCEL "O", AND PARCEL "P" A DISTANCE OF 47.64 FEET TO THE POINT OF BEGINNING.

THE FOLLOWING ITEMS ARE NOT REVIEWED OR ACCEPTED BY BROWARD COUNTY:

1. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.

2. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT REVIEW AND APPROVE, OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.

3. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

Date	Description	No.

REVISIONS

SIGNATURE — DATE SIGNED

MICHAEL P. CARR LICENSE No. 72424 STATE OF FLORIDA PROFESSIONAL ENGINEER

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

LANGAN
Langan Engineering and Environmental Services, Inc
110 East Broward Boulevard, Suite 1500
Fort Lauderdale, FL 33301
T: 954.320.2100 F: 954.320.2101 www.langan.com

Project: LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

Drawing Title: COVER SHEET

Project No	330098301
Date	01/19/2022
Drawn By	CRV
Checked By	MPC
Drawing No	C-100
Sheet	0 of 1

GENERAL NOTES AND SPECIFICATIONS

B.C.T.E.D. REF. No 220414060

GENERAL SITE NOTES:

1. THESE PLANS REPRESENT THE OVERALL SITE WORK IMPROVEMENTS REQUIRED FOR PROJECT CONSTRUCTION. THE CONTRACTOR SHALL FURNISH, INSTALL, TEST AND COMPLETE ALL WORK TO THE SATISFACTION OF THE ENGINEER AND OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION; AS SUCH, THESE PLANS DO NOT COMPLETELY REPRESENT, NOR ARE THEY INTENDED TO REPRESENT, ALL SPECIFIC INSTRUCTIONS REQUIRED FOR SITE WORK CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL IMPROVEMENTS DEPICTED ON THESE PLANS IN ACCORDANCE WITH ALL APPLICABLE RULES, REGULATIONS AND LAWS IN EFFECT AT THE TIME OF CONSTRUCTION.

2. THE CONTRACTOR SHALL ACCEPT THE SITE AS IS. THE CONTRACTOR SHALL ASSESS CONDITIONS, AND THE KIND, QUALITY AND QUANTITY OF WORK REQUIRED. THE OWNER MAKES NO GUARANTEE IN REGARD TO THE ACCURACY OF ANY AVAILABLE INFORMATION WHICH WAS OBTAINED DURING INVESTIGATIONS. THE CONTRACTOR SHALL MAKE A THOROUGH SITE INSPECTION IN ORDER TO FIELD CHECK EXISTING SITE CONDITIONS, CORRELATE CONDITIONS WITH THE DRAWINGS AND RESOLVE ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL MAKE ADDITIONAL TOPOGRAPHIC SURVEYS HE DEEMS NECESSARY, PROVIDED THEY ARE COORDINATED WITH THE OWNER. ANY CONDITIONS DETERMINED BY THE CONTRACTOR THAT DIFFER FROM THE INFORMATION SHOWN ON THE DRAWINGS THAT ARE NOT BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER PRIOR TO THE START OF WORK SHALL NOT BE CONSIDERED GROUNDS FOR ADDITIONAL PAYMENT OR CHANGES TO THE CONTRACT DURATION, OR ANY OTHER CLAIMS AGAINST THE OWNER OR OWNER'S ENGINEER.

3. THE CONTRACTOR SHALL, WHEN THEY DEEM NECESSARY, PROVIDE WRITTEN REQUESTS FOR INTERPRETATION (RFIS) TO THE OWNER AND ENGINEER PRIOR TO THE CONSTRUCTION OF ANY SPECIFIC SITE WORK ITEM. THE (RFI) SHALL BE IN A FORM ACCEPTABLE TO OWNER AND ENGINEER AND SHALL ALLOW FOR A MINIMUM OF TWO WORK DAYS OR ADDITIONAL REASONABLE TIME FOR A WRITTEN REPLY. RFIS SHALL BE NUMBERED CONSECUTIVELY BY DATE SUBMITTED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE WORK ITEMS CONSTRUCTED DIFFERENTLY THAN INTENDED OR AS DEPICTED ON THE PLANS.

4. INFORMATION RELATED TO ELEVATIONS AND PROPOSED UTILITIES (SUCH AS ROADWAY GRADES, INVERT ELEVATIONS, RIM ELEVATIONS, GRATE ELEVATIONS, BUILDING FINISHED FLOOR ELEVATIONS, ETC.) MAY BE FOUND IN MORE THAN ONE LOCATION IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL SUFFICIENTLY REVIEW ALL PLANS, PROFILES AND ANY OTHER INFORMATION IN THE CONTRACT DOCUMENTS FOR CONSISTENCY PRIOR TO CONSTRUCTION. ANY INCONSISTENCIES OR DISCREPANCIES THAT ARE FOUND BY THE CONTRACTOR OR HIS ASSIGNS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING, IN THE FORMAT OF AN RFI PRIOR TO CONSTRUCTION.

5. THERE ARE ADDITIONAL NOTES, SPECIFICATIONS AND REQUIREMENTS CONTAINED THROUGHOUT THE PLAN SET AS WELL AS REFERENCES TO SPECIFICATIONS FROM APPLICABLE GOVERNING AUTHORITIES AND INDUSTRY STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW AND ADHERE TO ALL THESE DOCUMENTS.

6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE AND UTILITY STRUCTURES AND MANUFACTURED PRODUCTS TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WITH CONSTRUCTION.

7. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MAINTENANCE OF TRAFFIC MEASURES (INCLUDING DESIGN AND PERMITTING) AS REQUIRED BY THE LOCAL, COUNTY, OR STATE AGENCY HAVING JURISDICTION.

8. THE CONTRACTOR IS REQUIRED TO KEEP DETAILED RECORDS OF THE CONSTRUCTION COMPLETED. SPECIFICALLY, ALL UNDERGROUND STRUCTURES, DRAINAGE, WATER, SANITARY, GAS, ELECTRIC, COMMUNICATIONS PIPING, CONDUIT OR APPURTENANCES AND ACCESSORIES AND ALL ABOVE GROUND FEATURES INCLUDING, BUT NOT LIMITED TO, FIRE HYDRANTS, WATER VALVES, DRAINAGE AND SEWER CLEANOUTS, LIGHT POLES AND SIGNS SHALL BE RECORDED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE THAT THE WORK IS PERFORMED. ELEVATIONS OF TOP OF WATER PIPING SHALL BE RECORDED AT ALL BENDS, TEES, AND AT ALL STORM DRAINAGE AND SANITARY SEWER CROSSINGS. SANITARY SEWER TOP OR BOTTOM OF PIPE ELEVATIONS SHALL BE RECORDED AT ALL CROSSINGS WITH WATER AND STORM DRAINAGE PIPING. FINISHED GRADE ELEVATIONS AT ALL WATER VALVES, FIRE HYDRANTS, SANITARY MANHOLES, DRAINAGE STRUCTURES AND CLEANOUT LOCATIONS WILL BE RECORDED. CURB AND PAVEMENT FINISHED GRADE ELEVATIONS AT ALL HIGH AN LOW POINTS, ALONG SWALES, CENTERLINES OF ROADS OR DRIVE AISLES, AND IN PARKING AREAS, SHALL BE RECORDED. AS-BUILT SURVEYS OF THESE ITEMS SHALL BE PROVIDED TO THE ENGINEER OF RECORD WITHIN 30 DAYS OF CONSTRUCTION COMPLETION AND PRIOR TO FINAL PAYMENT BY THE OWNER. THE ENGINEER OF RECORD RESERVES THE RIGHT TO REVIEW THE AS-BUILT SURVEYS AND REQUIRE THE COMPLETED WORK CORRECTED, WHERE DEFICIENCIES WITH RESPECT TO THE CONSTRUCTION DRAWINGS AND THE LOCAL, COUNTY AND STATE STANDARDS ARE NOT ADHERED TO BY THE CONTRACTORS WORK.

9. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ALL CONSTRUCTION STAKEOUT FOR THIS PROJECT MUST BE COMPLETED FROM THE SITE SPECIFIC SURVEY CONTROL (HORIZONTAL AND VERTICAL) UPON WHICH THE DESIGN IS BASED. THE CONTRACTOR SHOULD NOT RELY ON OR RE-ESTABLISH SURVEY CONTROL BY GPS OR OTHER METHODS FOR USE IN CONSTRUCTION STAKEOUT OR ANY OTHER PURPOSE FOR THIS PROJECT. ANY DISCREPANCIES BETWEEN THE EXISTING HORIZONTAL OR VERTICAL DATA SHOWN ON THESE DRAWINGS AND THAT ENCOUNTERED IN THE FIELD MUST BE REPORTED TO THE DESIGN TEAM PRIOR TO CONSTRUCTION FOR RESOLUTION.

PAVING, GRADING, AND DRAINAGE NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

2. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE UTILITY COMPANIES AS TO LOCATION AND SCHEDULING OF CONNECTIONS TO THEIR FACILITIES.

3. STORM DRAINAGE PIPING TO UTILIZE WATER TIGHT JOINTS.

4. SEE DETAIL SHEETS FOR ALL PROPOSED STRUCTURE DETAILS.

5. ALL STORM SEWERS AND STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION STANDARDS OF ROADWAY CONSTRUCTION DETAILS.

6. MINIMUM DEPTH OF COVER FOR ALL STORM SEWER PIPE IS SEVEN (7") INCHES. MEASURED FROM BOTTOM OF BASE, UNLESS SHOWN OTHERWISE.

7. EXCAVATED MATERIAL CONTAINING CONCRETE ROCK OR STONE GREATER THAN SIX (6") INCHES IN LARGEST DIMENSION IS UNACCEPTABLE FOR FILL WITHIN THE PROPOSED BUILDING AND PAVING AREA.

8. ALL SITEWORK AND EARTHWORK OPERATIONS CONDUCTED ON THE SITE TO BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY THE OWNER'S GEOTECHNICAL ENGINEER RECOMMENDATIONS IN THE GEOTECHNICAL REPORT THAT EXCEED THE INFORMATION IN THIS DRAWING SET SHALL TAKE PRECEDENCE.

9. COMPACTION CRITERIA FOR FILL PLACED IN THE FOLLOWING AREAS SHALL MEET OR EXCEED THE FOLLOWING MINIMUM PERCENTAGE OF MAXIMUM MODIFIED PROCTOR DRY DENSITY AS DETERMINED BY ASTM D-1557 USED ON REPRESENTATIVE SOIL SAMPLES, UNLESS MORE STRINGENT CRITERIA GIVEN ELSEWHERE:

10. ALL FILL SHALL BE PLACED AT A MOISTURE CONTENT WITHIN THREE PERCENT OF ITS MODIFIED PROCTOR (ASTM D 1557) DETERMINED OPTIMUM MOISTURE IN LEVEL LIFTS WHOSE THICKNESS DOES NOT EXCEED 12 INCHES. EACH LIFT SHOULD BE THOROUGHLY AND UNIFORMLY COMPACTED TO 95 PERCENT OF THE ASTM D 1557 MAXIMUM DRY DENSITY. SUBGRADES RECEIVING FILL SHOULD BE DENSIFIED TO AN EQUIVALENT RELATIVE COMPACTION.

11. PAVEMENT: CRUSHED AGGREGATE FOR THE BASE COURSE SHOULD MEET THE REQUIREMENTS OF SECTIONS 911 OR 913A OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION." THE BASE MATERIALS SHOULD HAVE A LIMEROCK BEARING RATIO (LBR) OF AT LEAST 100 AND BE COMPACTED TO NOT LESS THAN 98 PERCENT OF THE AASHTO T-180 MAXIMUM DRY DENSITY. SUBBASE MATERIALS SHOULD BE DENSIFIED TO AN EQUIVALENT RELATIVE COMPACTION. SUBGRADE SOILS RECEIVING FLEXIBLE PAVING SHOULD BE UNIFORMLY COMPACTED TO 98 PERCENT OF THE AASHTO T-180 MAXIMUM DRY DENSITY.

12. PROTECT SUBGRADE FROM EXCESSIVE WHEEL LOADING DURING CONSTRUCTION, INCLUDING CONCRETE TRUCKS AND DUMP TRUCKS.

13. REMOVE AREAS OF FINISHED SUBGRADE FOUND TO HAVE INSUFFICIENT COMPACTION DENSITY TO A DEPTH NECESSARY AND REPLACE IN A MANNER THAT WILL COMPLY WITH COMPACTION REQUIREMENTS BY USE OF MATERIAL EQUAL TO OR BETTER THAN BEST SUBGRADE MATERIAL ON SITE. SURFACE OF SUBGRADE AFTER COMPACTION SHALL BE HARD, UNIFORM, SMOOTH, STABLE AND TRUE TO GRADE AND CROSS-SECTION.

14. GRADE ALL AREAS WHERE FINISH GRADE ELEVATIONS OR CONTOURS ARE INDICATED ON DRAWINGS, OTHER THAN PAVED AREAS AND BUILDINGS, INCLUDING EXCAVATED AREAS, FILLED AND TRANSITION AREAS, AND LANDSCAPED AREAS. GRADED AREAS SHALL BE UNIFORM AND SMOOTH, FREE FROM ROCK, DEBRIS, OR IRREGULAR SURFACE CHANGES. FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.10 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATIONS, AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISH DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION POTENTIAL.

15. BUILDING AREA SUBGRADE PAD SHALL BE THAT PORTION OF THE SITE DIRECTLY BENEATH AND TEN FEET (10') BEYOND THE BUILDING AND APPURTENANCES INCLUDING THE LIMITS OF ANY FUTURE BUILDING EXPANSION AREAS AS SHOWN ON THE SITE/CIVIL DRAWINGS OR AS SPECIFIED IN THE GEOTECHNICAL REPORT.

16. TRENCH DEPTH REQUIREMENTS MEASURED FROM FINISHED GRADE OR PAVED SURFACE SHALL MEET THE FOLLOWING REQUIREMENTS OR APPLICABLE CODES AND ORDINANCES:

   A. WATER MAINS: 30 INCHES TO TOP OF PIPE BARREL

   B. SANITARY SEWER. ELEVATIONS AND GRADES AS INDICATED ON DRAWINGS.

   C. STORM SEWER: DEPTHS, ELEVATIONS, AND GRADES AS SHOWN ON DRAWINGS

   D. ELECTRICAL CONDUITS: 24 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY NEC 300-5, NEC 710-36 CODES, OR THE LOCAL UTILITY COMPANY REQUIREMENTS, WHICHEVER IS DEEPER.

   E. TV CONDUITS: 18 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.

   F. TELEPHONE CONDUITS. 18 INCHES MINIMUM TO TOP OF CONDUIT OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.

   G. GAS MAINS AND SERVICE: 30 INCHES MINIMUM TO TOP OF PIPE, OR AS REQUIRED BY THE LOCAL UTILITY COMPANY, WHICHEVER IS DEEPER.

17. ALL CONCRETE, UNLESS OTHERWISE NOTED OR SPECIFIED BY REGULATORY AUTHORITIES, SHALL BE 3000 PSI.

18. FINISHED GRADE ELEVATIONS SHALL NOT DEVIATE FROM THE PROPOSED ELEVATIONS SHOWN ON THE GRADING AND DRAINAGE PLANS BY MORE THAN 0.10 FEET.

19. DESIGN REQUIRES ALL MANHOLE LIFT HOLES AND GRADE ADJUSTMENT RINGS BE SEALED WITH NON-SHRINKING MORTAR. ALL INLET AND OUTLET PIPES MUST BE JOINED TO THE MANHOLE WITH A GASKETED FLEXIBLE WATER TIGHT CONNECTION OR ANOTHER WATER TIGHT CONNECTION ARRANGEMENT THAT ALLOWS DIFFERENTIAL SETTLEMENT OF THE PIPE AND MANHOLE WALL.

20. ALL MANHOLE INSPECTION AND TESTING FOR WATERTIGHTNESS OR DAMAGE PRIOR TO PLACING INTO SERVICE ARE SPECIFIED BY CITY INSPECTOR. ALL AIR TESTING, IF SPECIFIED FOR CONCRETE SEWER MANHOLES, CONFORMS TO THE TEST PROCEDURES DESCRIBED IN ASTM C-1244.

I. APPLICABLE CODES:

A. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF CORAL SPRINGS PUBLIC WORKS DEPARTMENT, BROWARD COUNTY, AND ALL OTHER APPLICABLE LOCAL, STATE AND NATIONAL CODES.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF THE FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 OR LATEST EDITION, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.

C. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988, (N.A.V.D.), UNLESS OTHERWISE NOTED.

D. EXISTING TOPOGRAPHIC AND CADASTRAL INFORMATION SHOWN ON THESE DRAWINGS ARE BASED THE BOUNDARY AND TOPOGRAPHY SURVEY PROVIDED BY PAUL E. BREWER & ASSOCIATES, INC. DATED 11/03/2021.

II. PRECONSTRUCTION RESPONSIBILITIES:

A. THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED.

B. UPON THE RECEIPT OF THE "NOTICE TO PROCEED", THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.

C. THE CONTRACTOR SHALL CONTACT "SUNSHINE ONE-CALL OF FLORIDA" BY CALLING 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO COMMENCING ANY EXCAVATION OR CONSTRUCTION IN ORDER TO PROVIDE FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES ON-SITE AND OFF-SITE.

D. THE CONTRACTORS SHALL COORDINATE WITH UTILITIES TO ARRANGE FOR RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC. AS NECESSARY TO COMPLETE THE WORK, IF APPLICABLE.

E. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ANY AND ALL EXISTING UTILITIES ON THIS PROJECT.

F. THE CONTRACTOR SHALL SECURE ALL UTILITY EASEMENTS (IF REQUIRED) TO BE SECURED PRIOR TO CONSTRUCTION.

G. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AS SHOWN ON THE DRAWINGS WERE OBTAINED FROM THE BEST INFORMATION AVAILABLE AT THE TIME PLANS WERE PREPARED BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC., WITHIN THE PROJECT AREA WHICH WERE INSTALLED AND CONSTRUCTED AFTER THE PREPARATION OF THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE FACILITIES SHOWN OR FOR ANY FACILITIES NOT SHOWN. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING FACILITIES, STRUCTURES AND OTHER FEATURES (WHETHER SHOWN ON THE PLANS OR NOT) AFFECTING THE WORK.

H. IF, UPON EXCAVATION, EXISTING CONDITIONS ARE FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO RESOLVE THE PROBLEM.

I. ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.

III. INSPECTION AND TESTING:

A. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AS WELL AS ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

B. THE CONTRACTOR SHALL GIVE THE ENGINEER OF RECORD AT LEAST 48 HOURS ADVANCE NOTICE OF, AND THE ENGINEER OF RECORD MUST BE PRESENT TO WITNESS, THE FOLLOWING:
   1. PRESSURE TESTING OF THE WATER DISTRIBUTION SYSTEM.
   2. EXFILTRATION TEST OF THE SANITARY SEWAGE SYSTEM
   3. FINAL INSPECTION OF THE WATER, SEWER, PAVING, GRADING AND DRAINAGE.

C. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL APPLICABLE REGULATORY AGENCIES FOR INSPECTION REQUIREMENTS.

IV. SHOP DRAWINGS:

A. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING ITEMS: WATER MAIN FITTINGS, VALVES, PIPES, CATCH BASIN, STORM MANHOLES AND ALL OTHER DRAINAGE STRUCTURES, DRAINAGE PIPE, BALLAST ROCK, EXFILTRATION TRENCH FILTER FABRIC, AND TRAFFIC PAINT. IN ADDITION, SOME CITIES, COUNTIES, STATE AND/OR NATIONAL REGULATORY AGENCIES REQUIRE THEIR OWN INDIVIDUAL REVIEW AND APPROVAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY SHOP DRAWING APPROVALS IF REQUIRED.

V. TEMPORARY FACILITIES:

A. TEMPORARY FACILITIES:
   1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, AND ELECTRICITY, DURING CONSTRUCTION.
   2. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE ACCESS ENTRANCE TO COMMERCIAL PROPERTIES AT ALL TIMES, IF APPLICABLE.
   3. THE CONTRACTOR SHALL MAINTAIN A CLEAR PATH FOR ALL SURFACE WATER DRAINAGE STRUCTURES AND DITCHES DURING ALL PHASES OF CONSTRUCTION, IF APPLICABLE.

B. TRAFFIC REGULATION:
   1. THE CONTRACTOR SHALL PROVIDE ALL WARNING SIGNALS, SIGNS, LIGHTS AND FLAGPERSONS AS NECESSARY FOR THE MAINTENANCE OF TRAFFIC WITHIN PUBLIC RIGHT-OF-WAYS IN ACCORDANCE WITH THE M.U.T.C.D. AND BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT.
   2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
   3. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION FROM BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT.

VI. PROJECT CLOSE-OUT

I. CLEANING UP:
   1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLEAN-UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.
   2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT AND/OR EMPLOYEES TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.
   3. THE CONTRACTOR SHALL REPLACE ALL PAVING, STABILIZED EARTH, CURBS, DRIVEWAYS, SIDEWALKS, FENCES, MAILBOXES, SIGNS AND ANY OTHER IMPROVEMENTS REMOVED DURING CONSTRUCTION WITH THE SAME TYPE OF MATERIAL AND TO THE CONDITION WHICH EXISTED PRIOR TO THE BEGINNING OF OPERATIONS.
   4. WHERE MATERIAL OR DEBRIS HAVE WASHED OR FLOWED INTO, OR HAVE BEEN PLACED IN WATER COURSES, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

B. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.

C. PROJECT RECORD DOCUMENTS:
   1. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON HIS SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.
   2. UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND LIMEROCK BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT OR CONCRETE PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD "AS-BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND PERTINENT GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN AND EDGES OF PAVEMENT AT 25 FEET INTERVALS.
   3. UPON COMPLETION OF CONSTRUCTION, AND PRIOR TO FINAL PAYMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF ALL "AS-BUILT" CONTRACT DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONS, LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS.
   4. ALL "AS-BUILT" INFORMATION SHALL BE CERTIFIED BY A FLORIDA REGISTERED LAND SURVEYOR.

VII. EARTHWORK AND COMPACTION

A. EARTHWORK AND COMPACTION SHALL BE PERFORMED IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT STANDARDS.

VII. PAVING

A. GENERAL:
   1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.
   2. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
   3. ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.
   4. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.
   5. PAVEMENT REPAIRS SHALL BE AS PER BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT STANDARDS.

B. MATERIALS AND INSTALLATION:
   1. ALL WORKS CONFORM TO THE APPLICABLE BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT STANDARDS.
   2. STREET NAME SIGNS SHALL BE ERECTED PER BROWARD COUNTY ENGINEERING AND PUBLIC WORKS DEPARTMENT STANDARDS.

IX. TESTING:

1. DENISTY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA. RESULTS OF DENSITY TESTS SHALL BE SIGNED AND SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA AND PROVIDED TO THE ENGINEER OF RECORD FOR REVIEW.

LEGEND

- PROPOSED WATER LINE
- PROPOSED SEWER LINE
- G —— G —— PROPOSED GAS LINE
- CO PROPOSED SANITARY CLEANOUT
- PROPOSED STORM LINE
- PROPOSED DOUBLE DETECTOR CHECK VALVE
- PROPOSED REDUCE PRESSURE CHECK VALVE AND WATER METER
- PROPOSED EXFILTRATION TRENCH
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- 8.00 PROPOSED SPOT ELEVATION
- EXISTING ELECTRIC LINE
- EXISTING STORM DRAINAGE
- EXISTING SANITARY SEWER
- EXISTING WATER
- EXISTING OVERHANG WIRE
- EXISTING GAS
- EXISTING LIGHT POLE
- EXISTING ELECTRICAL BOX
- EXISTING SANITARY MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING CATCH BASIN

Sunshine811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Date	Description	No.

REVISIONS

MICHAEL P. CARR LICENSE No. 72424 STATE OF FLORIDA PROFESSIONAL ENGINEER

SIGNATURE DATE SIGNED

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

LANGAN
Langan Engineering and Environmental Services, Inc.
110 East Broward Boulevard, Suite 1500
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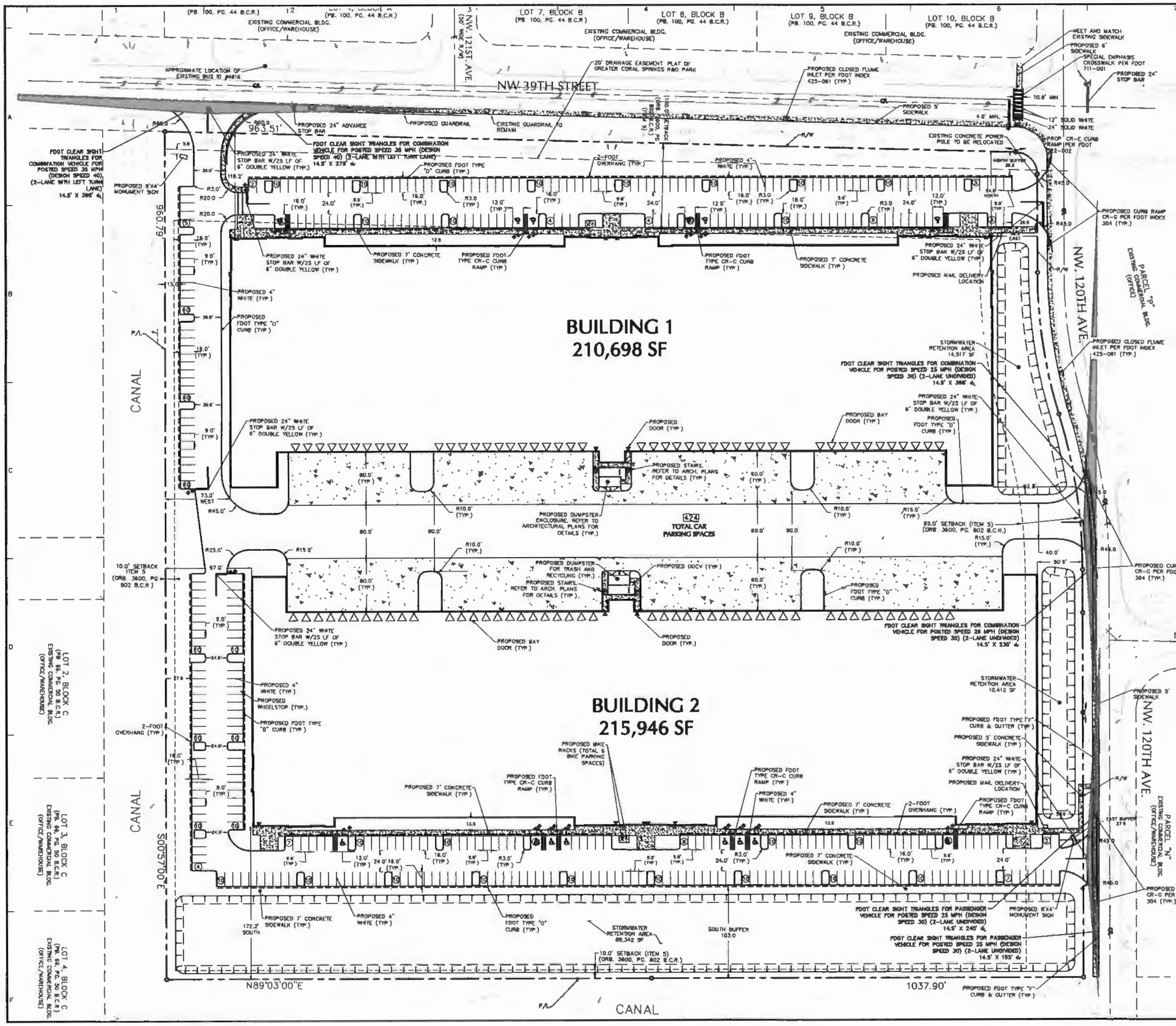
Project
LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

Drawing Title
GENERAL NOTES & SPECIFICATIONS

Project No.	330098301	Drawing No.
Date	01/19/2022	C-200
Drawn By	CRV	
Checked By	MPC	Sheet 0 of 1



	CORAL SPRINGS ZONING TABLE ZONING DISTRICT: IRD (1)		
	ITEM	PERMITTED/REQUIRED	PROPOSED Lot
SITE	Land Use	Industrial	Industrial
	Lot Area:		
	Min. Lot Area	20 000 SF	967,903 SF = 22.22 Acres +/-
	Min. Lot Frontage	50 FT	86.0 FT
BUILDING	Building Setbacks		
	North	60 FT	84.8 FT +/-
	South	25 FT	172.2 FT +/-
	East	35 FT	58.3 FT +/-
	West	25 FT	73 FT +/-
	Landscape Buffer		
	North	25	28.8 FT +/-
	South	12.5	103 FT +/-
	East	12.5	27.9 FT +/-
	West	12.5	15 FT +/-
	Building Height/Stories	100 FT	<100 FT
	Maximum Building Coverage	40%	44.14% (2)
	Building Coverage	387,161 SF	426,944 SF
	Minimum Landscape Open Space	30%	25.5%(3)
	Minimum Landscape Open Space	290,340 SF	246,634 SF
	Impervious Area	677,532 SF	721 165 SF
	Loading Docks		84,885 SF
	Sidewalks		17,780 SF
	Building		426,644 SF
	Pavement		192,156 SF
PARKING AND ACCESS	Car Parking Space Size:		
	Standard Space Size	9 FT x 18 FT	9 FT x 18 FT
	Car Parking Spaces		
	Min. Number of Spaces for Warehouse	406,312 SF (1 SP / 1000 SF)=406	364
	Min. Number of Spaces for Office	21, 332 SF (1 SP / 300 SF)= 60	60
	Min. Number of Spaces	466	424 (2)
	Min. Aisle Width	24 FT	24 FT
	Minimum Number of Loading Berths	7	>7
	Min. Loading Berth Dimensions	N/A	
	Lot Accesses		
	Min. Driveway Access Width	30 FT	30 FT
	Min. Lane width	25 FT	25 FT
	Bicycle Parking Spaces	11 parking spaces (1 SP / 40 parking spaces)	12
LIGHTING	Maximum Height of Light Pole	32.5 FT	25 FT
SIGNAGE	Maximum Height of Free Standing Sign	8 FT	6 FT
	Max. Area of Freestanding Sign	33 SF	32 SF
NOTES	(1) All data referenced from Land Use Ordinance from Coral Springs.		
	(2) Special Exception Required (2a)- Building Coverage section 250647- Provided 44.14% (2b)- Parking requirements sections 250616-2- Provided 424		
	(3) LEED Silver Certification section 250650 states that no minimum required percentage for overall landscape open space		

LEGAL DESCRIPTION:

LESS AND EXCEPT:

REQUESTED SPECIAL EXCEPTION
1- BUILDING COVERAGE (SECTION 250647)
REQUIRED 40%
PROVIDED 44.14%
2- PARKING REQUIREMENTS (SECTION 250616-2)
REQUIRED 466
PROVIDED 424

LEGEND	
1	STOP SIGN (R1-1)
2	HANDICAP SIGN
3	STOP HERE FOR PED SIGN (R1-5)
▼	PROPOSED MAN DOOR
▽	PROPOSED BAY DOOR
10	PARKING COUNT BY ROW

NOTES
1. ALL SIGNAGE SHALL REQUIRE A SEPARATE BUILDING PERMIT
2. ALL SITE LIGHTING SHALL REQUIRE A SEPARATE BUILDING PERMIT.
3. DUE TO SPECIAL EXCEPTION AND CONDITIONAL USE ALL TREE HEIGHTS WILL NEED TO BE INCREASED TO 14'-16' FEET.

Date	Description	No.

REVISIONS

MICHAEL P. CARR LICENSE No. 72424 STATE OF FLORIDA PROFESSIONAL ENGINEER

SIGNATURE DATE SIGNED

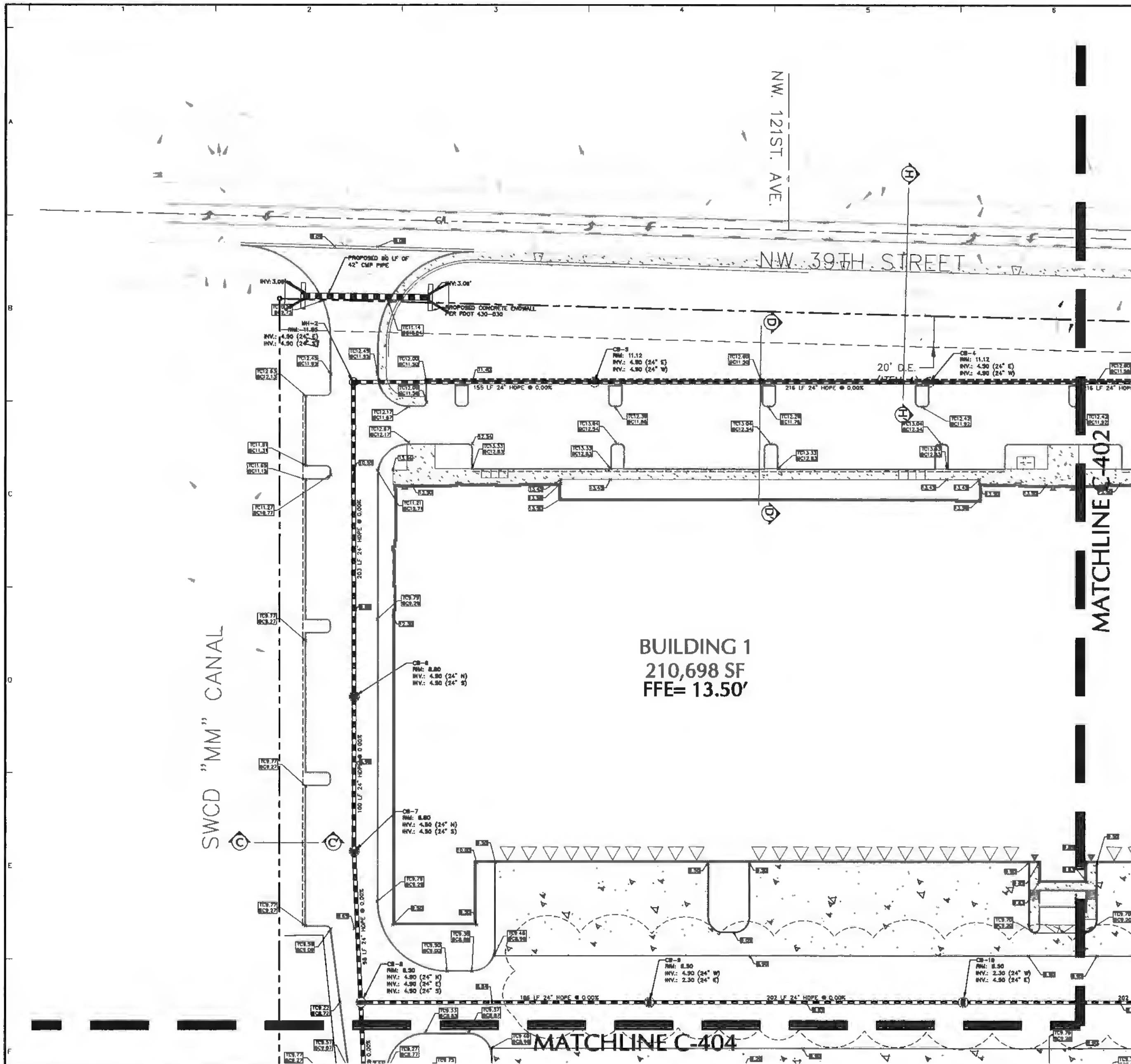
MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

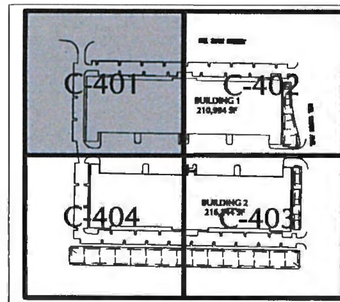
LANGAN
Langan Engineering and Environmental Services, Inc.
110 East Broward Boulvard, Suite 1500
Fort Lauderdale, FL 33301
T: 954.320.2100 F: 954.320.2101 www.langan.com

Project
LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

Drawing Title
SITE PLAN

Project No. 330098301
Date 01/19/2022
Drawn By CRV
Checked By MPC
Drawing No. C-300
Sheet 0 of 1

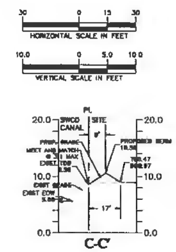


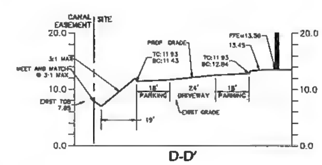


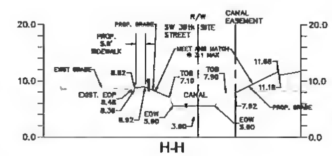
KEYMAP

NOTE:

CONTRACTOR SHALL BID FOR EARTHWORK ASSUMING THAT EXISTING GRADES IN THE PAVED AREAS ARE AT SUBGRADE ELEVATIONS OF THE PROPOSED GRADES, AND BUILDING PAD ELEVATION AT 13.00' NAVD. CONTRACTOR SHALL CONFIRM THESE ELEVATIONS AT THE TIME OF CONSTRUCTION, AND IF ANY DEVIATIONS FROM THE PLANS ARE ENCOUNTERED ON THE FIELD, CONTRACTOR IS TO INFORM OWNER AND EOR PRIOR TO BEGIN WORK







ALL ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

Date	Description	No.
09/16/2022	REVISION 1	

REVISIONS

SIGNATURE DATE SIGNED

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

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Project

LPC - CORAL SPRINGS

CORAL SPRINGS
BROWARD COUNTY FLORIDA

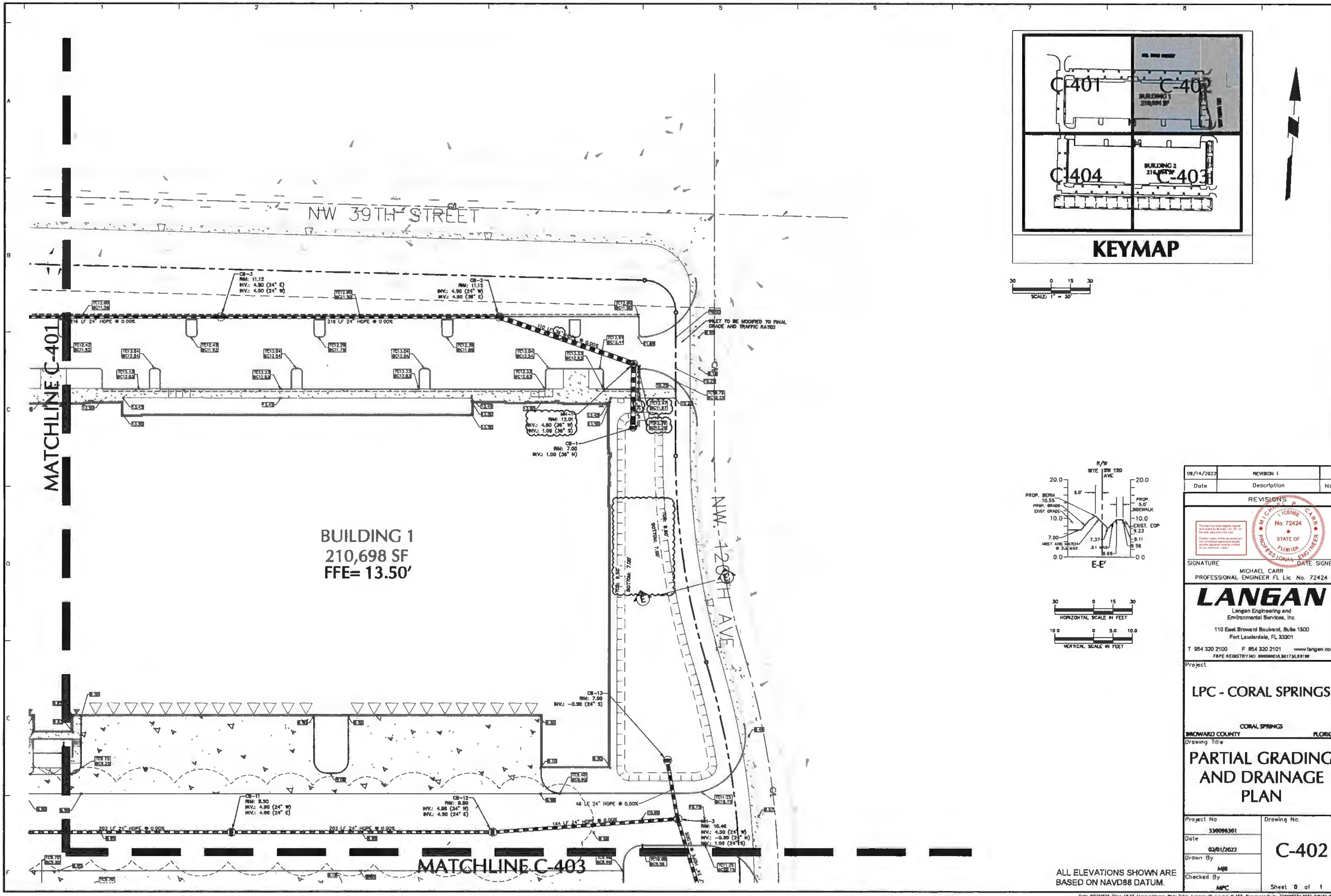
Drawing Title

PARTIAL GRADING AND DRAINAGE PLAN

Project No. 330098301
Date 02/01/2022
Drawn By MJB
Checked By MPC

Drawing No. C-401

Sheet 0 of 1



NW 39TH STREET
MATCHLINE C-401
MATCHLINE C-403
BUILDING 1
210,698 SF
FFE= 13.50'
NW 120TH AVE
KEYMAP
C-401
C-402
C-404
C-403
E-E'
HORIZONTAL SCALE IN FEET
VERTICAL SCALE IN FEET
ALL ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.
09/14/2022
REVISION 1
Date
Description
No.
REVISIONS
SIGNATURE
DATE SIGNED
MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic No. 72424
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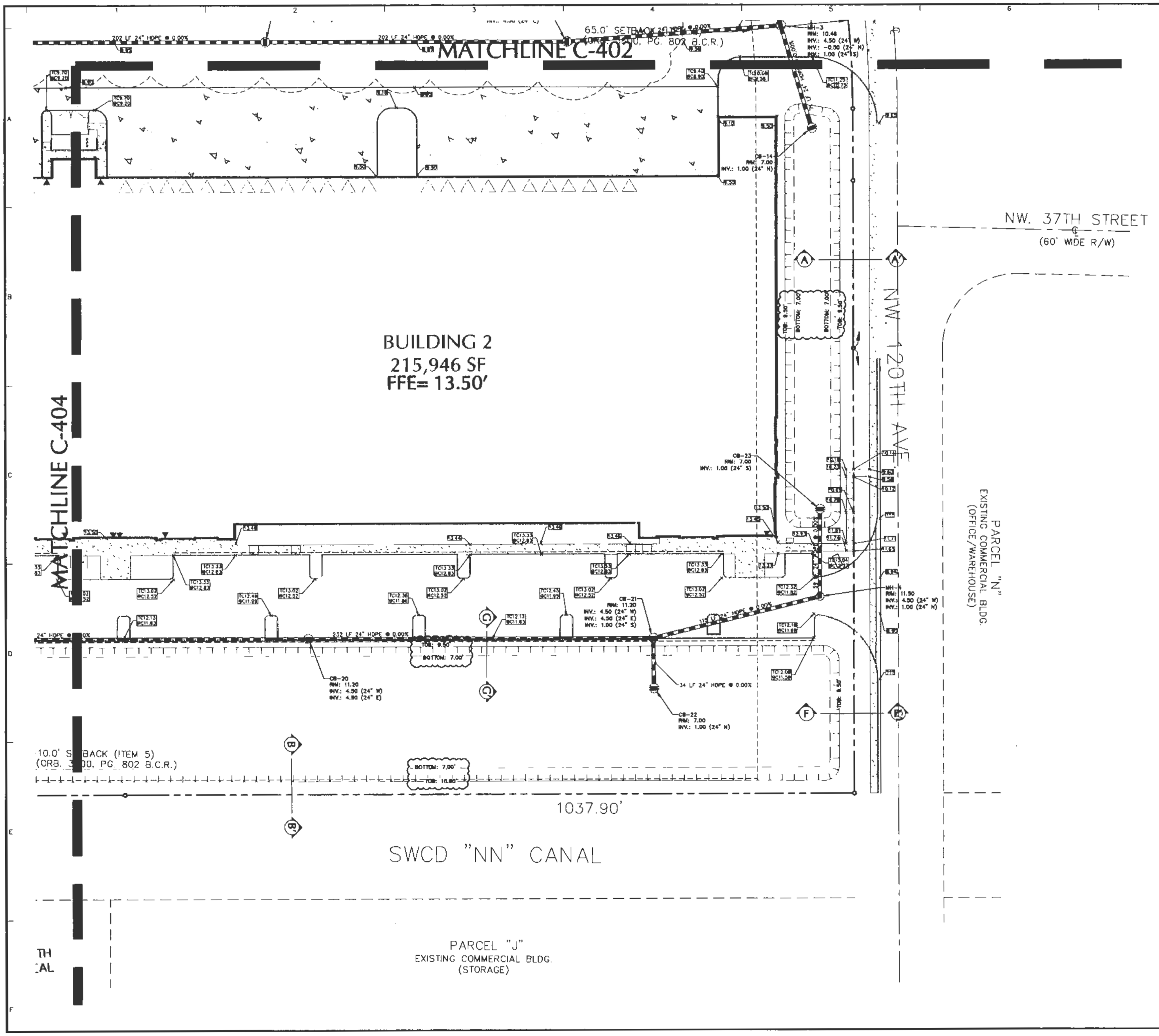
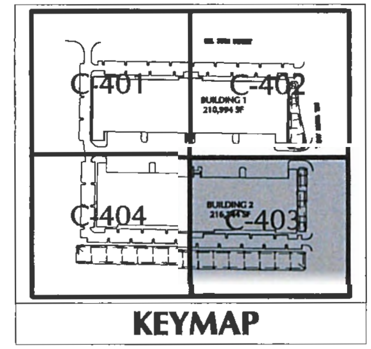
www.langan.com
Project
LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY
FLORIDA
Drawing Title
PARTIAL GRADING AND DRAINAGE PLAN
Project No.
330098301
Drawing No.
C-402
Date
02/01/2022
Drawn By
MJB
Checked By
MPC





SCALE: 1" = 30'

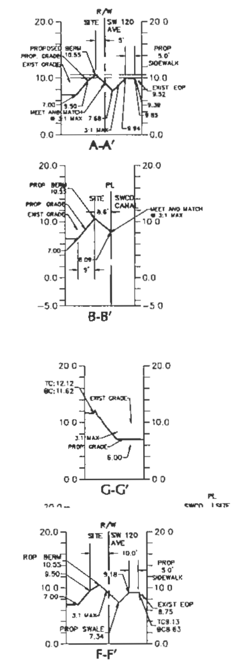
NOTE:

CONTRACTOR SHALL BID FOR EARTHWORK ASSUMING THAT EXISTING GRADES IN THE PAVED AREAS ARE AT SUBGRADE ELEVATIONS OF THE PROPOSED GRADES, AND BUILDING PAD ELEVATION AT 13.00' NAVD. CONTRACTOR SHALL CONFIRM THESE ELEVATIONS AT THE TIME OF CONSTRUCTION, AND IF ANY DEVIATIONS FROM THE PLANS ARE ENCOUNTERED ON THE FIELD, CONTRACTOR IS TO INFORM OWNER AND EOR PRIOR TO BEGIN WORK.

ALL ELEVATIONS SHOWN ARE BASED ON NAVD88 DATUM.

HORIZONTAL SCALE IN FEET

VERTICAL SCALE IN FEET



Date	Description	No
09/14/2022	REVISION 1	

REVISIONS

SIGNATURE DATE SIGNED

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

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Project

LPC - CORAL SPRINGS

CORAL SPRINGS
BROWARD COUNTY FLORIDA

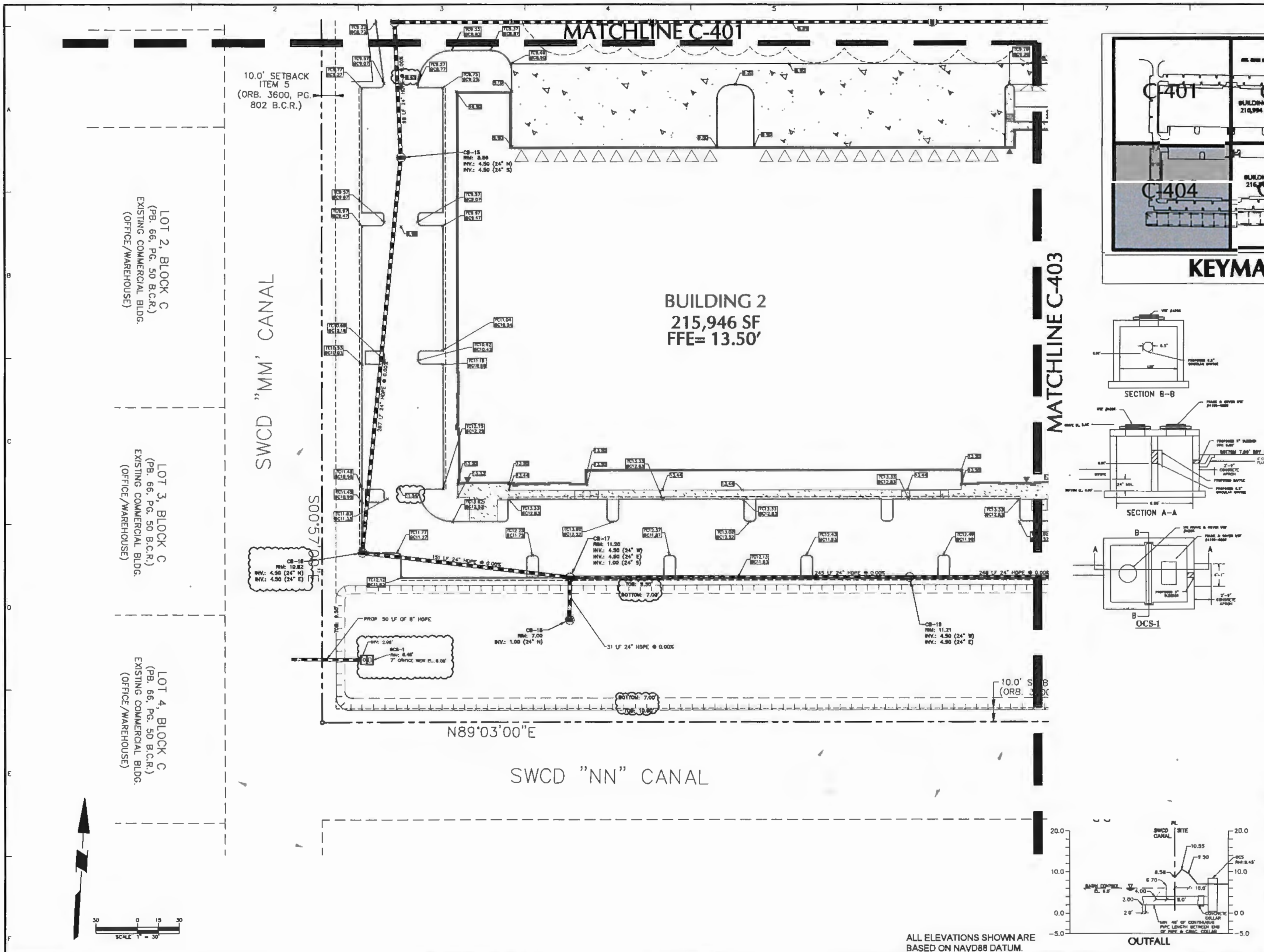
Drawing Title

PARTIAL GRADING AND DRAINAGE PLAN

Project No. 330098301
Date 02/01/2022
Drawn By MJB
Checked By MPC

Drawing No. C-403

Sheet 0 of 1



Date	Description	No.
08/22/2022	SFWMD OCS	
09/14/2022	REVISION 1	

REVISIONS

SIGNATURE — DATE SIGNED

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

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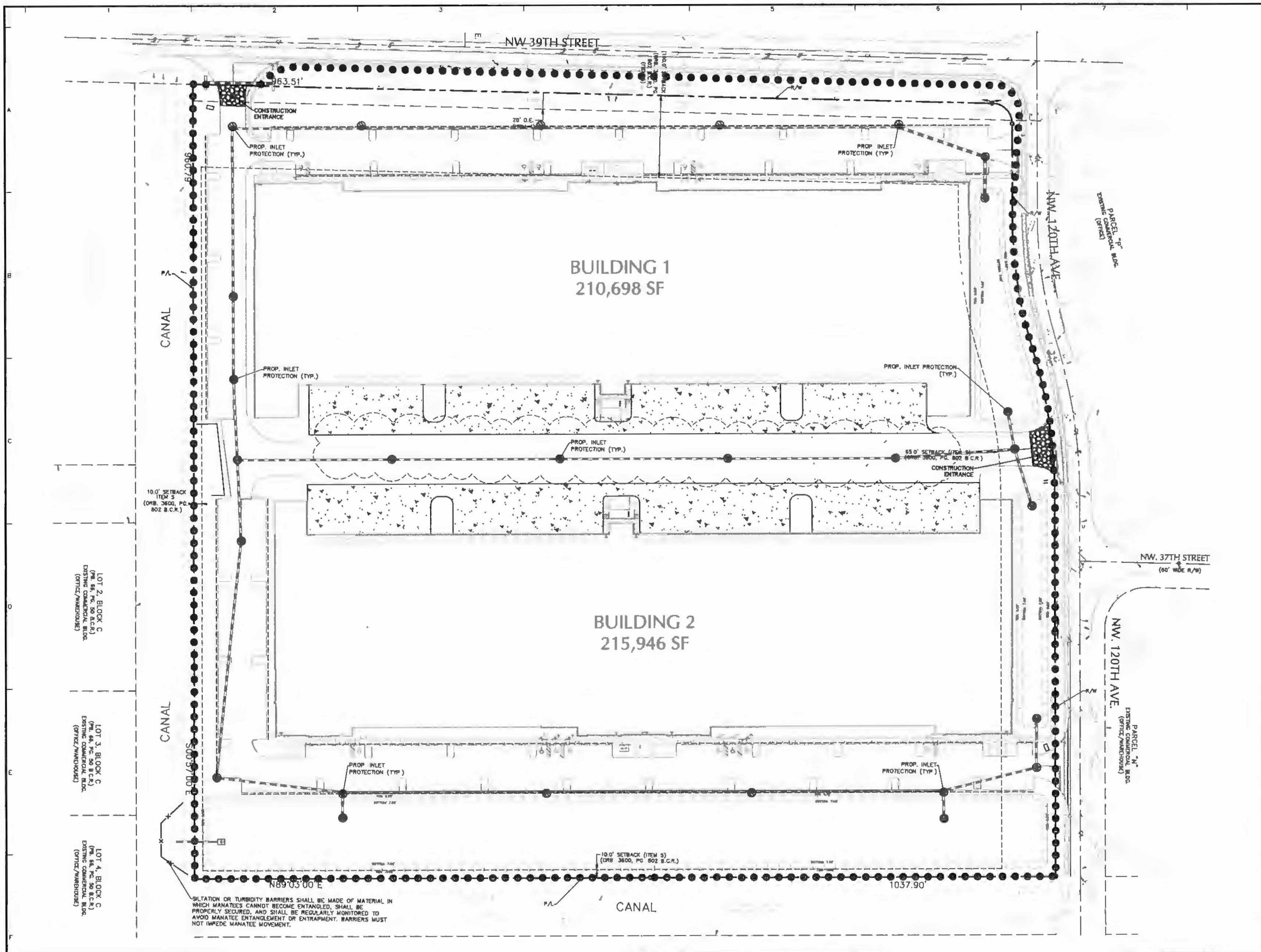
Project
LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

Drawing Title
PARTIAL GRADING AND DRAINAGE PLAN

Project No. 330098301
Date 02/01/2022
Drawn By MJB
Checked By MPC
Drawing No. C-404
Sheet 8 of 1



Date	Description	No.

REVISIONS

MICHAEL CARR
PROFESSIONAL ENGINEER FL Lic. No. 72424

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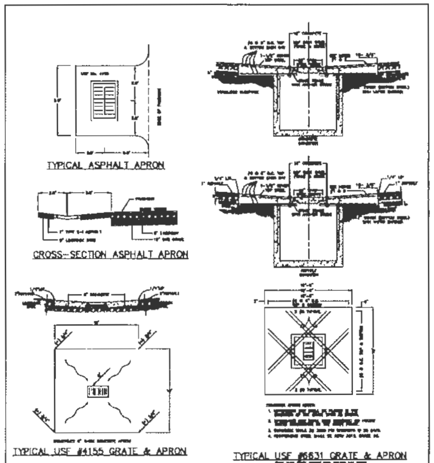
Project
LPC - CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

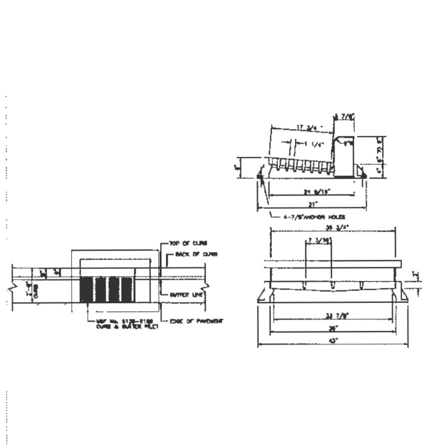
Drawing Title
SOIL EROSION & SEDIMENT CONTROL PLAN VIEW

Project No. 330098301
Date FEBRUARY 2022
Drawn By DJC
Checked By MPC
Drawing No. C-800
Sheet 8 of 1



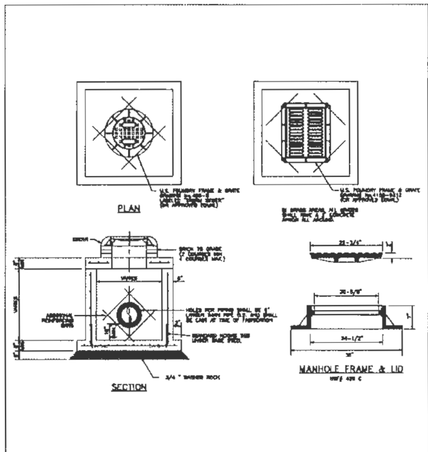
* ALL DIMENSIONS ARE CONSIDERED MINIMUM DESIGN CONDITIONS UNLESS OTHERWISE APPROVED BY CITY ENGINEER FOR SPECIAL EXCEPTION AREAS

STANDARD DETAILS	CONCRETE AND ASPHALT APRONS		
CORAL SPRINGS	MARCH 2008		LAST MODIFIED 07/2014
NO.	DATE	REVISIONS	DETAIL NUMBER STM-2 SHEET 1 OF 1



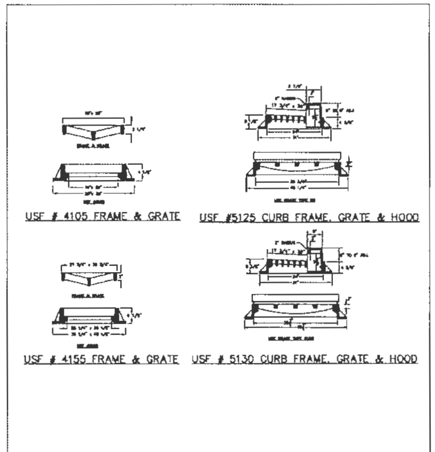
* ALL DIMENSIONS ARE CONSIDERED MINIMUM DESIGN CONDITIONS UNLESS OTHERWISE APPROVED BY CITY ENGINEER FOR SPECIAL EXCEPTION AREAS

STANDARD DETAILS	CURB & GUTTER INLET		
CORAL SPRINGS	MARCH 2008		LAST MODIFIED 07/2014
NO.	DATE	REVISIONS	DETAIL NUMBER STM-4 SHEET 1 OF 1



* ALL DIMENSIONS ARE CONSIDERED MINIMUM DESIGN CONDITIONS UNLESS OTHERWISE APPROVED BY CITY ENGINEER FOR SPECIAL EXCEPTION AREAS

STANDARD DETAILS	PRECAST DRAINAGE MANHOLE		
CORAL SPRINGS	MARCH 2008		LAST MODIFIED 07/2014
NO.	DATE	REVISIONS	DETAIL NUMBER STM-5 SHEET 1 OF 1



* ALL DIMENSIONS ARE CONSIDERED MINIMUM DESIGN CONDITIONS UNLESS OTHERWISE APPROVED BY CITY ENGINEER FOR SPECIAL EXCEPTION AREAS

STANDARD DETAILS	STANDARD FRAMES AND GRATES		
CORAL SPRINGS	MARCH 2008		LAST MODIFIED 07/2014
NO.	DATE	REVISIONS	DETAIL NUMBER STM-6 SHEET 1 OF 1

Date	Description	No

REVISIONS

SIGNATURE — DATE SIGNED

MICHAEL CARR
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Project
FOUNDRY- CORAL SPRINGS
CORAL SPRINGS
BROWARD COUNTY FLORIDA

Drawing Title
DRAINAGE DETAILS

Project No.	Drawing No
330098301	C-1003
Date 01/18/2022	
Drawn By FA	
Checked By MPC	0

SUNSHINE
WATER CONTROL DISTRICT

STAFF
REPORTS
BIIc

October 10, 2022

Board of Supervisors
Sunshine Water Control District
2300 Glades Road, Suite 410W
Boca Raton, Florida 33073

RE: SWCD RIGHT-OF-WAY (ROW) PERMIT APPLICATION – Atlantic Blvd Bridge Deck Repair
Broward County Board of County Commissioners (BCBOCC)
Project Site: East Outfall Canal/Atlantic Blvd
CAS PROJECT NO. 15-1826

Dear Board of Supervisors:

We have reviewed a ROW permit application submitted by FG Construction Services, LLC on behalf of the BCBOCC for the proposed repair work at the bridge over the East Outfall Canal. No work is proposed in the canal. The applicant has met SWCD applicable criteria and we recommend that the SWCD Board of Supervisors issue a Right-of-Way Permit to the applicant, subject to the following Special Conditions to be made part of the Permit:

1. All work must be in compliance with the latest SWCD Permit Criteria Manual.
2. Permittee will ensure that all necessary Sediment & Erosion Control devices will be utilized at the SWCD right-of-way during construction.
3. Trash bond ($2,500) shall be submitted prior to permit issuance and the Contractor shall repair and replace any SWCD facilities damaged during construction at no cost to the District.
4. A copy of Record As-builts and Engineer Certification shall be provided to SWCD upon completion of all work.
5. All applicable permits and approvals for Work shall be obtained.
6. All disturbed areas are to be restored.
7. SWCD shall be notified at least 48 hours prior to construction.

Sincerely,
CRAIG A. SMITH & ASSOCIATES

Orlando A. Rubio, PE
VP of Stormwater Engineering

cc: FGC – Bao Dang, PE (via-email)
WHA - Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Jamie Sanchez, Gianna Denofrio (via e-mail)
SWCD – Cory Selchan, Field Superintendent (via e-mail)
CAS – Stephen C. Smith, PE, (via e-mail)

\\cas-file\Projects\Districts\Sunshine_Water_Control\19-2064-1CP-SWCD Non recovery\01-RIGHT-OF-WAY\2022\15-1826-WAltanticBlvd\04-Correspondence\02-Letters\SWCD-W-AtlBlvdBridge_2022.10.10.docx

PUBLIC WORKS DEPARTMENT

HIGHWAY AND BRIDGE MAINTENANCE DIVISION

BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS

TOREY ALSTON MARK D. BOGEN LAMAR P. FISHER BEAM FURR STEVE GELLER
JARED E. MOSKOWITZ NAH H. RICH TIM RYAN MICHAEL UDINE

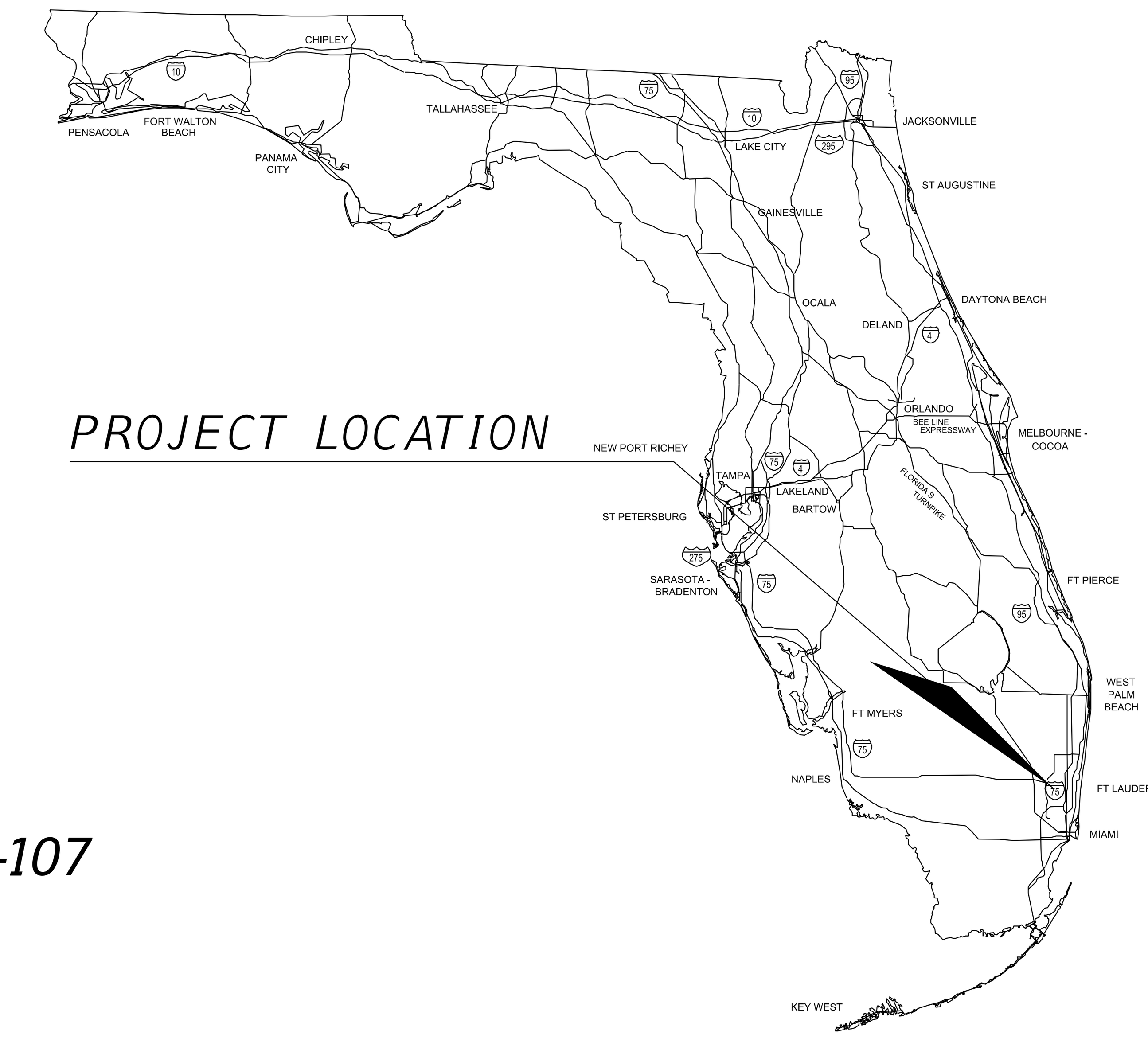
CONTRACT PLANS

ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL

(Bridge No. 864048)

HIGHWAY AND BRIDGE MAINTENANCE DIVISION PROJECT NO. 2022-1-107

PROJECT LOCATION



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1.	COVER SHEET
2.	GENERAL NOTES
3.	QUANTITIES & MATERIAL NOTES
4.	BRIDGE PLAN AND ELEVATION
5.	SUPERSTRUCTURE PLAN, SECTION AND DETAILS
6.	TRAFFIC CONTROL PLAN - PHASE I & II
7.	CONSTRUCTION PROCEDURE (1 OF 2)
8.	CONSTRUCTION PROCEDURE (2 OF 2)
9.	CONSTRUCTION DETAILS (1 OF 3)
10.	CONSTRUCTION DETAILS (2 OF 3)
11.	CONSTRUCTION DETAILS (3 OF 3)
12.	ROADWAY PLAN
FDOT INDEX 102-100	TEMPORARY BARRIER
FDOT INDEX 102-602	TWO-LANE AND MULTILANE, WORK ON SHOULDER
FDOT INDEX 102-613	MULTILANE ROADWAY, LANE CLOSURES
FDOT INDEX 521-404	TWO-LANE AND MULTILANE, WORK ON SHOULDER
FDOT INDEX 536-001	GUARDRAIL TRANSITIONS - EXISTING POST AND BEAM BRIDGE RAILINGS (NARROW AND RECESSED CURBS)
FDOT INDEX 536-002	GUARDRAIL TRANSITIONS AND CONNECTIONS FOR EXISTING BRIDGES
BROWARD COUNTY	PAVEMENT MARKINGS AND SIGNS DETAILS

TO PALM BEACH

PROJECT LOCATION

TO EVERGLADES AREA

TO ATLANTIC OCEAN

TO MIAMI

N

PLANS PREPARED BY:
BROWARD COUNTY PUBLIC WORKS
HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD, POMPANO BEACH, FL 33069

BROWARD COUNTY

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2022-2023,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2022,
AS AMENDED BY CONTRACT DOCUMENTS.

AUGUST 8, 2022

REVISIONS
HBMD PROJECT 2022-1-107

LENGTH OF PROJECT		
	LINEAR FEET	MILES
BRIDGE LENGTH	74	0.01402
NET LENGTH OF PROJECT	174	0.03295
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	220	0.04167

KEY SHEET REVISIONS	
DATE	DESCRIPTION

FISCAL YEAR	SHEET NO.
22	1

STANDARDS/SPECIFICATIONS:

1. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, 2020.
2. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2022.
3. FDOT STANDARD PLANS FOR BRIDGE CONSTRUCTION, MAY 2022-2023.
4. FHWA BRIDGE MAINTENANCE REFERENCE MANUAL, MAY 2015.
5. FDOT BRIDGE LOAD RATING MANUAL, JANUARY 2022.

GENERAL NOTES:

1. UNLESS OTHERWISE NOTED IN THE TECHNICAL SPECIFICATIONS: INSTALLATION, ACCEPTANCE, AND PAYMENT FOR ALL ITEMS REQUIRED IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING: MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPECIFICATIONS), FDOT ROADWAY DESIGN STANDARD (STANDARD INDEXES), BROWARD COUNTY MINIMUM STANDARDS, BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS AND SPECIFICATIONS, AND ANY OR ALL BROWARD COUNTY REQUIREMENTS THAT MEET OR EXCEED THOSE FOUND IN THE ABOVE REFERENCED DOCUMENTS.
2. THE DIMENSIONS SHOWN ARE BASED ON INFORMATION AS DETAILED IN THE ORIGINAL CONSTRUCTION PLANS OF THE EXISTING BRIDGE AND MAY NOT REPRESENT AS-BUILT CONDITIONS. ORIGINAL PLANS OF THE BRIDGE WIDENING AS WELL AS EXISTING SHEAR LOCK PLATES ARE NOT AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THIS DATA BEFORE BEGINING CONSTRUCTION AND TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
3. EXISTING DRAINAGE STRUCTURES (SCUPPERS, CURB & GUTTERS) WITHIN CONSTRUCTION LIMITS SHALL REMAIN.
4. PORTION OF UTILITIES MAY EXTEND INTO THE CONSTRUCTION ZONE. EXTREME CAUTION WILL BE NECESSARY DURING WORK AT THESE LOCATIONS.
5. ALL STORM LINES AND INLETS AFFECTED BY CONSTRUCTION OR WITHIN CONSTRUCTION LIMITS SHALL BE CLEANED OF DEBRIS BEFORE CONTRACT CLOSEOUT.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROPER DRAINAGE AND GUTTER FLOW LINE WITHIN CONSTRUCTION LIMITS.
7. EROSION AND SEDIMENTATION CONTROL PROTECTION SHALL BE PROVIDED AT ALL INLETS IMPACTED BY THE PROJECT AND BE REMOVED AT THE END OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OF SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) AND FDPE (NPDES). SEDIMENT BARRIER TO BE PLACED NEXT TO THE CANAL.
8. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING ACTUAL CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE COUNTY PROJECT ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNER TO RESOLVE ANY ADJUSTMENTS. ANY DAMAGES TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE REPAIRED BY THE CONTRACTOR AT ITS OWN EXPENSE.
9. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN INSTALLING AND BACKFILLING AROUND EXISTING UTILITIES.
10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION ON JOB SITES.
11. ALL EXISTING SIGNALIZATION EQUIPMENT TO REMAIN, IS ASSUMED TO BE IN GOOD WORKING ORDER UNLESS BCTED IS NOTIFIED IN WRITING PRIOR TO THE START OF CONSTRUCTION. ANY SUBSEQUENT DAMAGE TO THE SIGNAL EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING PAVEMENT, UTILITIES, LANDSCAPE AREAS, AND ANY OTHER DAMAGED INFRASTRUCTURE AS A RESULT OF THE CONTRACTOR'S OPERATIONS. REPAIRS AND RESTORATION SHALL BE TO ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE COUNTY.
13. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE COUNTY PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE COUNTY PROJECT ENGINEER SHALL ISSUE WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
14. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE COUNTY PROJECT ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY PROJECT ENGINEER. NOTE THAT EXISTING BRIDGE BEARINGS INCLUDE ASBESTOS, HOWEVER, THE SCOPE OF WORK INCLUDED IN THESE PLANS DOES NOT INCLUDE ANY WORK IN CLOSE VICINITY OF THE BEARINGS.
15. ANY SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF ANY CONFLICT IS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY:

    BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION
    ONE N. UNIVERSITY DRIVE, SUITE 300B
    PLANTATION, FLORIDA 33324-2038
    PHONE: (954) 577-4555

16. ALL PERMANENT GRASS AREAS DAMAGED DURING CONSTRUCTION ARE TO RECEIVE A 2-IN TOP SOIL AND SOD TO MATCH EXISTING.
17. ALL TREES, BUSHES OR VEGETATION REMAIN UNLESS OTHERWISE NOTED.
18. THE MAINTENANCE OF TRAFFIC (MOT) FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STATE OF FLORIDA MANUAL OF ROADWAYS & TRAFFIC DESIGN STANDARDS; 600 SERIES INDEX OF THE FDOT DESIGN STANDARDS CURRENT EDITION, AND THE BROWARD COUNTY TRAFFIC ENGINEERING REQUIREMENTS. THE CONTRACTOR SHALL SUBMIT MOT PLANS, APPLICABLE TO THE WORK AREAS FOR THE ROADWAY AND THE SIDEWALK, TO HIGHWAY AND BRIDGE MAINTENANCE DIVISION FOR REVIEW AND APPROVAL.
19. THE CONTRACTOR SHALL HAVE ON-SITE AND AVAILABLE FOR IMMEDIATE REFERENCE, IF REQUESTED: MOT PLANS, MOT PERMIT, PROJECT PLANS, CONTACT INFORMATION FOR PRIME CONTRACTOR (IF SUB-CONTRACTOR), COUNTY PROJECT MANAGER, AND COPY OF PRE-CONSTRUCTION CHECKLIST.
20. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AND DRIVEWAYS AT ALL TIMES AS APPROVED BY THE COUNTY, AND THE COUNTY PROJECT ENGINEER.
21. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF BROWARD COUNTY ENGINEERING DIVISION MINIMUM STANDARDS, FDOT ROADWAY DESIGN STANDARDS, AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
22. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONCRETE FINISH. SURFACES MUST COMPLY WITH REQUIREMENTS DESCRIBED IN FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
23. PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED WITH UNIFORM REFLECTIVITY AND REFLECTIVE BEADS ACROSS THE ENTIRE STRIPE RESULTING IN A MINIMUM READING OF 250 MILLICANDELAS FOR WHITE STRIPING.
24. ANY DAMAGED PAVEMENT MARKINGS DUE TO CONSTRUCTION SHALL BE REPLACED AT CONTRACTORS EXPENSE.
25. THE MILLED SURFACE SHALL NOT BE EXPOSED TO TRAFFIC.
26. MILLINGS SHALL BE DELIVERED TO HBMD MAINTENANCE YARD AT 1600 BLOUNT ROAD MON-THURS 7:30 AM TO 4:30 PM.
27. ALL PAVEMENT MARKINGS SHALL CONFORM TO BROWARD COUNTY TRAFFIC ENGINEERING "PAVEMENT MARKINGS AND SIGN DETAILS".
28. A MAINTENANCE OF TRAFFIC PLAN MUST BE SUBMITTED AND RECEIVE APPROVAL FROM HBMD PRIOR TO STARTING WORK.
29. A MINIMUM OF ONE TRAVEL LANE IN EACH DIRECTION MUST BE OPEN TO TRAFFIC AT ALL TIMES.
30. PAVEMENT MARKINGS SHALL BE RESTORED PRIOR TO REOPENING TO TRAFFIC.
31. LIMITS OF MILLING & RESURFACING SHALL BE MARKED DURING THE FIELD REVIEW WITH CONTRACTOR.
32. MILLINGS SHALL NOT BE STORED WITHIN THE PROJECT LIMITS, NOR ON COUNTY RIGHT OF WAY.
33. PAVING MARKINGS SHALL BE WORKED WITH BROWARD COUNTY TRAFFIC ENGINEERING - PAVEMENT MARKINGS AND SIGNS DETAIL SHEET.
34. PRIOR TO COMMENCEMENT OF WORK ON THE UNDERSIDE OF THE BRIDGE, THE CONTRACTOR SHALL OBTAIN A ROW OCCUPANCY PERMIT FROM THE SUNSHINE WATER CONTROL DISTRICT.

BRIDGE NO. 864048

MATERIAL NOTES

CFRP LAMINATES:

Carbon Fiber Fabric	Renewwrap EST CF600	Sikawrap Hex 103C	Tyfo SCH-41
Laminating Epoxy	Renewwrap ESR Saturant	Sikadur Hex 300	Tyfo S
UV Coating	Sikagard 670 W (Gray Color)	Sikagard 670 W (Gray Color)	Tyfo A Paint

MATERIALS AND INSTALLATION SHALL CONFORM TO THE TECHNICAL SPECIAL PROVISIONS (TSP) T100 AND NCHRP 609 ATTACHMENT A. BOTH FIBER AND EPOXY MUST COME FROM THE SAME MANUFACTURER.

QUANTITIES OF 1 PLY CFRP LAMINATE			
LENGTH (FT-IN)	WIDTH (FT-IN)	NO. OF LAMINATES	QUANTITY (SQ. FT.)
9'-7"	2'-1"	20	399
10'-0"	2'-1"	60	1250
12'-0"	2'-1"	20	500
13'-6"	2'-1"	4	113

CONCRETE:

1. CONCRETE SHALL BE CLASS II (BRIDGE DECK) AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5,000 PSI.
2. CONCRETE COVER SHALL BE 2" MIN. UNLESS NOTED OTHERWISE.

STEEL REINFORCEMENT:

1. REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ASTM A-615 GRADE 60, UNCOATED.

CONCRETE PATCHING:

Material Type	Compressive Strength, PSI		
	1 Day	7 Days	28 Days
Planitop XS	3000	4000	5000
MasterEmaco S 440CI	2500	5300	6500
Sika-Repair 223	3500	6000	7500

STEEL DOWEL BAR:

DOWEL STEEL BARS SHALL BE GRADE 60 IN ACCORDANCE WITH ASTM A955/A955M-20 STANDARD SPECIFICATIONS FOR DEFORMED STAINLESS STEEL BARS FOR CONCRETE REINFORCEMENT.

QUANTITIES OF STAINLESS STEEL DOWEL BAR							
BAR	BAR SIZE	TYPE	LENGTH (FT-IN)		NO. OF BARS	QUANTITY (FT.)	QUANTITY (LBS.)
A1	#6	TYPE 1	9	9	108	1053	1582
A2	#6	TYPE 1	12	0	36	432	649
A3	#6	TYPE 1*	18	1	18	325.5	489

* MINOR BENDING ADJUSTMENTS IN THE FIELD AY BE PERFORMED UPON ENGINEER'S APPROVAL.

BONDING EPOXY:

	Horizontal & Vertical Application	Overhead Application
Structural Adhesive	ET-HP Epoxy	Sikadur 31 Hi-Mod Gel
	Pilgrim RS-600	
	Dayton Superior Sure Anchor I J51	

WATERPROOFING MEMBRANE:

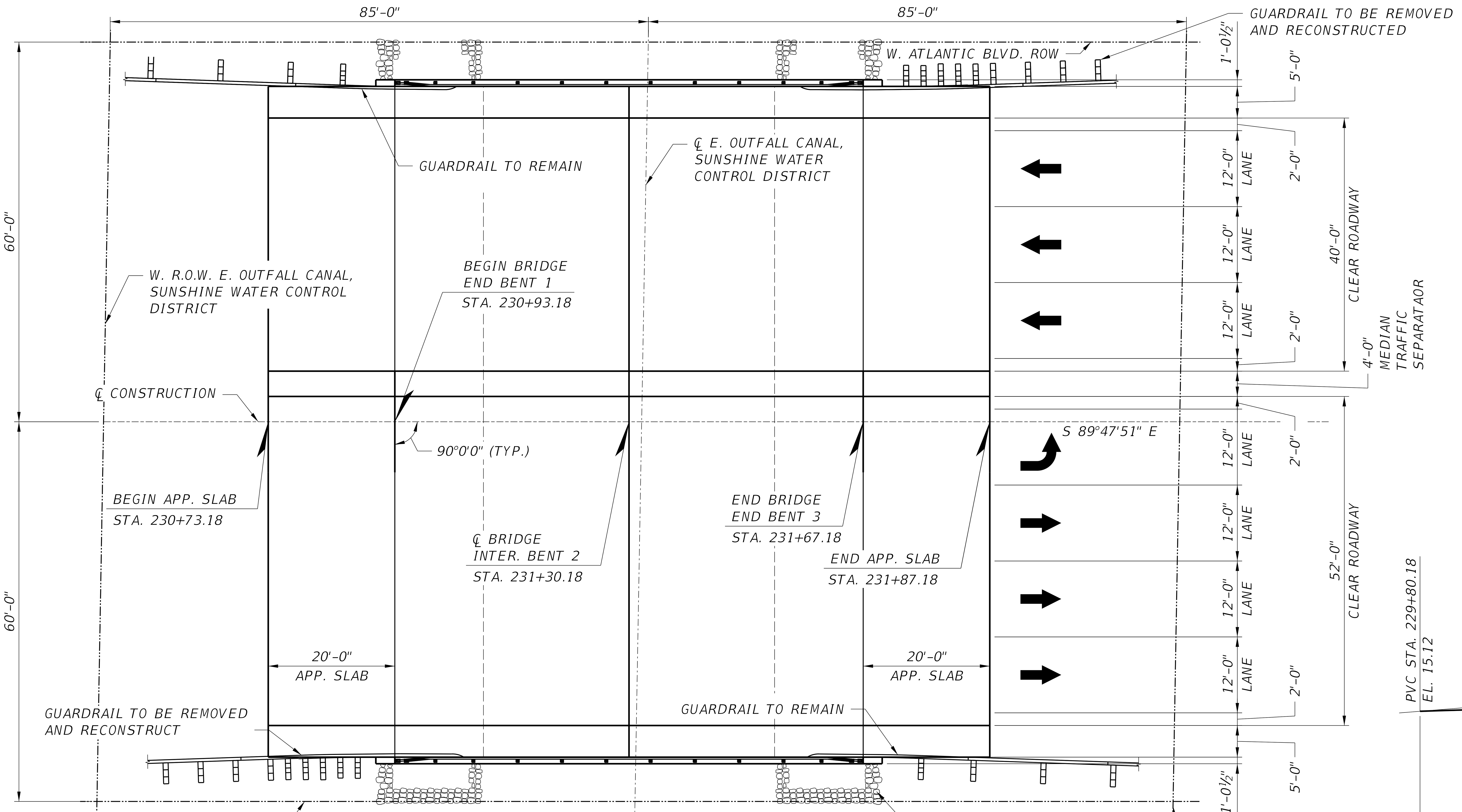
WATERPROOFING MEMBRANE SHALL CONFORM WITH FDOT SPECIFICATION SECTION 518 "PAVEMENT WATERPROOFING FABRIC" DATED 2000, LOCATED AT:
https://www.fdot.gov/docs/default-source/programmanagement/Implemented/SpecBooks/2000/Files/2000Book.pdf
AND MANUFACTURER'S SPECIFICATION.

Waterproofing Membrane	Polyguard NW-75
	Crafco PavePrep SA CRA
	MEL-DEK SealTight

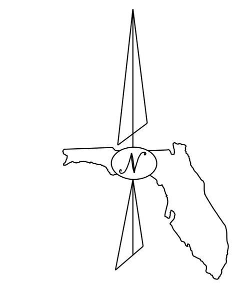
QUANTITIES

Item No.	Description	Quantity	Unit
1	FDOT PAY ITEM 101-1: MOBILIZATION, NIGHT WORK	1	EACH
5	FDOT PAY ITEM 102-14: TRAFFIC CONTROL OFFICER	80	HOUR
6	FDOT PAY ITEM 102-60: WORK ZONE SIGNS, F & I	312	DAY
10	FDOT PAY ITEM 102-71-1B: BARRIER WALL, TEMPORARY, F&I, WATERFILLED, UP TO 30 DAYS	148	LINEAR FOOT
13	FDOT PAY ITEM 102-71-2B: BARRIER WALL, TEMPORARY, RELOCATE, WATERFILLED	296	LINEAR FOOT
16	FDOT PAY ITEM 102-74-1: CHANNELIZING DEVICE, TYPES I, II, DI, VP, DRUM, OR LCD, F & I	4524	DAY
24	FDOT PAY ITEM 102-76: ARROW BOARD / ADVANCE WARNING ARROW PANEL, F & I	42	DAY
26	FDOT PAY ITEM 102-99: PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY, F & I	322	DAY
36	FDOT PAY ITEM 104-11: FLOATING TURBIDITY BARRIER	148	LINEAR FOOT
40	FDOT PAY ITEM 110-2-1: CLEARING AND GRUBBING	5	SQUARE YARD
45	FDOT PAY ITEM 110-3-5: REMOVAL OF EXISTING BRIDGE JOINT	294	LINEAR FOOT
46	FDOT PAY ITEM 110-3-6: REMOVAL OF EXISTING BRIDGE CONCRETE TRAFFIC BARRIER,	50	LINEAR FOOT
64	FDOT PAY ITEM 121-70-2: FLOWABLE FILL	15	CUBIC YARD
68	FDOT PAY ITEM 173-71: DRILLING HOLES FOR PRESSURE GROUTING FOR PIPE UP TO 4 INCH INSIDE DIA	6	LINEAR FOOT
69	FDOT PAY ITEM 173-76: GROUT PIPE INSTALLATION UP TO 4 IN. INSIDE DIA	13	LINEAR FOOT
78	FDOT PAY ITEM 327-70-4: MILLING EXIST ASPH PAVT, 3 IN AVG DEPTH	1779	SQUARE YARD
88	FDOT PAY ITEM 334-1-52, 334-1-53, 334-1-54, OR 334-1-55: SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, C, D, OR E, PG 76-22	140	TONS
89	FDOT PAY ITEM 337-7-80, 337-7-81, 337-7-82, 337-7-83, 337-7-85, OR 337-7-88: ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, C, D, OR E, FC-9.5, FC-12.5 PG 76-22	99	TONS
91	FDOT PAY ITEM 339-1: MISCELLANEOUS ASPHALT PAVEMENT	8	TONS
99	FDOT ITEM N/A: PAVEMENT WATERPROOFING FABRIC	6616	SQUARE FOOT
129	FDOT PAY ITEM N/A: STAINLESS STEEL DOWEL (LF)	1811	LINEAR FOOT
153	FDOT PAY ITEM 400-143B: CLEANING AND COATING CONCRETE SURFACE, CLASS 5, EQUALOR GREATHER THAN 500 SF	816	SQUARE FOOT
155	FDOT PAY ITEM 400-145B: CLEANING CONCRETE SURFACE, EQUAL OR GREATHER THAN 500 SF	9254	SQUARE FOOT
158	FDOT PAY ITEM 400-148: PLAIN NEOPRENE BEARING PADS	134	CUBIC FOOT
160	FDOT PAY ITEM 401-70-1B: RESTORE SPALLED AREAS, STRUCTURES, TYPE F-1 EPOXY	12	CUBIC FOOT
163	FDOT PAY ITEM 411-2: CRACKS INJECT AND SEAL-STRUCTURES REHAB	5	LINEAR FOOT
165	FDOT PAY ITEM 413-154A: CLEANING AND SEALING CONCRETE SURFACES: METHACRYLATES, EQUAL OR GREATHER THAN 500 SF	1227	SQUARE FOOT
188	FDOT PAY ITEM 458-1-21A: BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD (TYPE D SILICONE)	293	LINEAR FOOT
192	FDOT PAY ITEM 458-2: POLYMER NOSING (XJS SYSTEMS) FOR BRIDGE DECK EXPANSION JOINT WITH POURED JOINT WITH BACKER ROD	69	CUBIC FOOT
222	FDOT PAY ITEM 563-4: ANTI-GRAFFITI COATING, NON-SACRIFICIAL	183	SQUARE FOOT
227	FDOT PAY ITEM N/A: CARBON FIBER REINFORCED POLYMER (CFRP) LAMINATE FOR STRUCTURES OVER WATER	2262	SQUARE FOOT
232	FDOT PAY ITEM 515-4-2: BULLET RAILINGS, DOUBLE RAIL	72	LINEAR FOOT
263	FDOT PAY ITEM 521-5-4: CONCRETE TRAFFIC RAILING, BRIDGE, 32 IN., VERTICAL FACE	36	LINEAR FOOT
289	FDOT PAY ITEM 530-1: RIPRAP, SAND-CEMENT	5	CUBIC YARD
300	FDOT PAY ITEM 536-1-1: GUARDRAIL-ROADWAY, GENERAL TL-3	44	LINEAR FOOT
302	FDOT PAY ITEM 536-1-5: GUARDRAIL, ROADWAY, THRIE BEAM	102	LINEAR FOOT
310	FDOT PAY ITEM 536-8: GUARDRAIL-BRIDGE ANCHORAGE ASSEMBLY	2	EACH
311	FDOT PAY ITEM 536-73: GUARDRAIL REMOVAL	146	LINEAR FOOT
316	FDOT PAY ITEM 536-85-22: GUARDRAIL END ANCHORAGE ASSEMBLY, FLARED APPROACH TERMINAL	2	EACH
323	FDOT PAY ITEM 550-10: FENCING REMOVAL (REMOVAL AND DISPOSAL, ANY TYPE)	160	LINEAR FOOT
325	FDOT PAY ITEM 550-10-230: FENCING, TYPE B, 6.1 TO 7.0 FT., STANDARD	160	LINEAR FOOT
348	FDOT PAY ITEM 550-60-222 OR 550-60-223: FENCE GATE, TYPE B, DOUBLE, 6.1-18.0 FT OPENING	1	EACH
374	FDOT PAY ITEM 706-1-1: RETRO-REFLECTIVE PAVEMENT MARKERS	21	EACH
375	FDOT PAY ITEM 710-11-101, 710-11-201, OR 710-11-421: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YELLOW, OR BLUE, SOLID, 6 IN	840	LINEAR FOOT
380	FDOT PAY ITEM 710-11-131 OR 710-11-231: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN WIDE	696	LINEAR FOOT
385	FDOT PAY ITEM 711-16-101 OR 711-16-201: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SOLID, 6 IN	840	LINEAR FOOT
390	FDOT PAY ITEM 711-16-131 OR 711-16-231: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN	696	LINEAR FOOT
415	FDOT PAY ITEM N/A: WORK SKIFF	6	DAY
417	FDOT PAY ITEM N/A: LIGHTWEIGHT CANAL WORK PLATFORM-5FT x 8FT	108	DAY
430	FDOT PAY ITEM N/A: PORTABLE TOILET, SINGLE STALL	16	WEEK
431	FDOT PAY ITEM N/A: LIGHT TOWER, AMIDA/TEREX AL4000 OR EQUIVALENT	20	DAY
432	FDOT PAY ITEM 639-4-1A: EMERGENCY GENERATOR-BACKUP FOR KOHLER 125RZG.	2	DAY
437	PASS-THRU: PERMITS AND FEES	1	EACH

BRIDGE NO. 864048



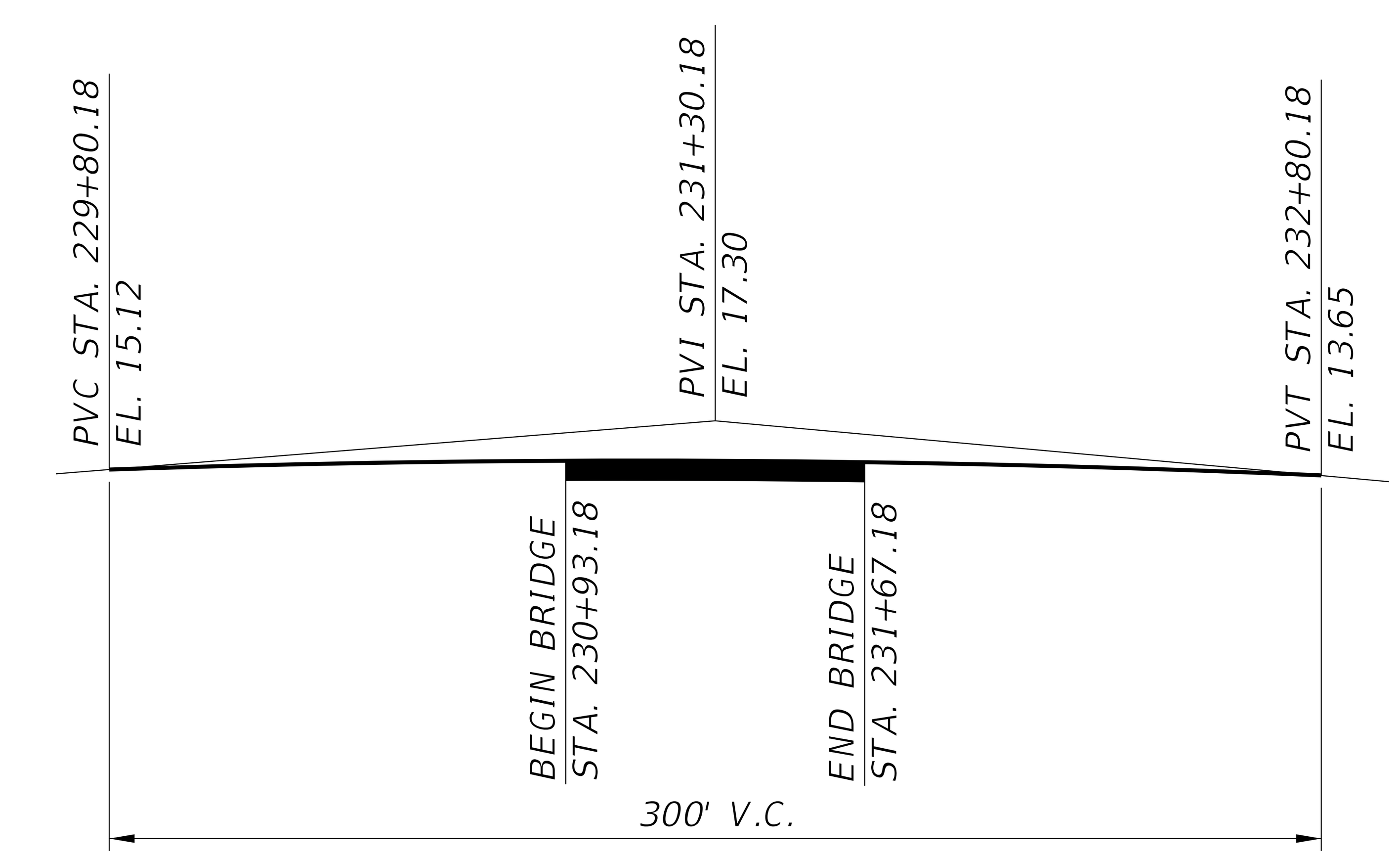
PLAN



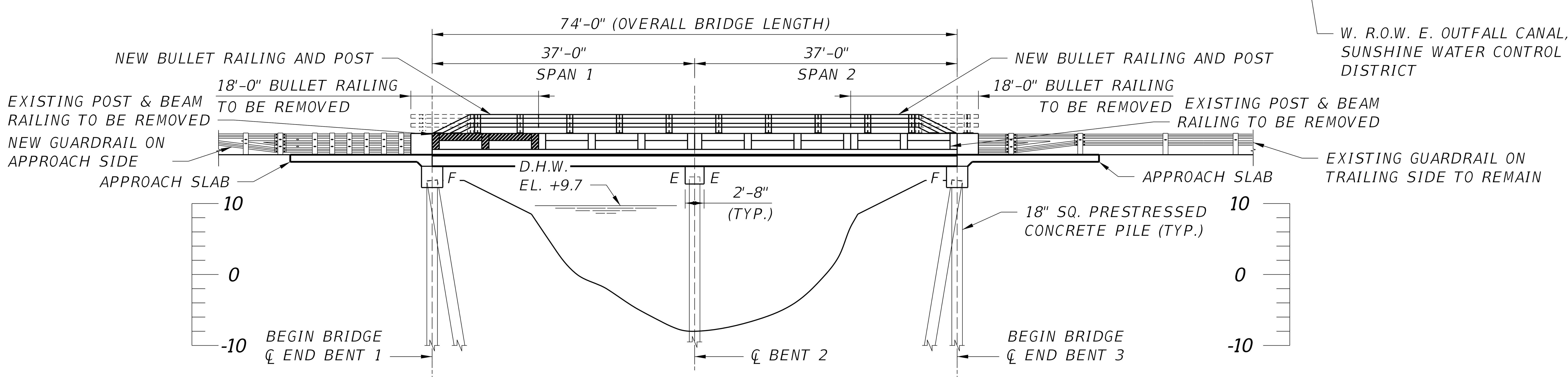
DIRECTION OF STATIONING

NOTES:

1. UTILITIES NOT SHOWN FOR CLARITY.
2. FOR LIMITS OF MILLING AND RESURFACING, REFER TO ROADWAY PLANS.
3. FOR BRIDGE DRAIN LOCATIONS AND DETAILS, SEE SHEETS NO. 7 AND NO. 8.
4. EXISTING POST AND BEAM RAILING TO BE REMOVED AND RECONSTRUCTED PER FDOT INDEX 521-404, SCHEME 2.
5. FOR NEW GUARDRAIL DETAILS, SEE SHEET NO. 12, "ROADWAY PLAN".



VERTICAL CURVE



ELEVATION

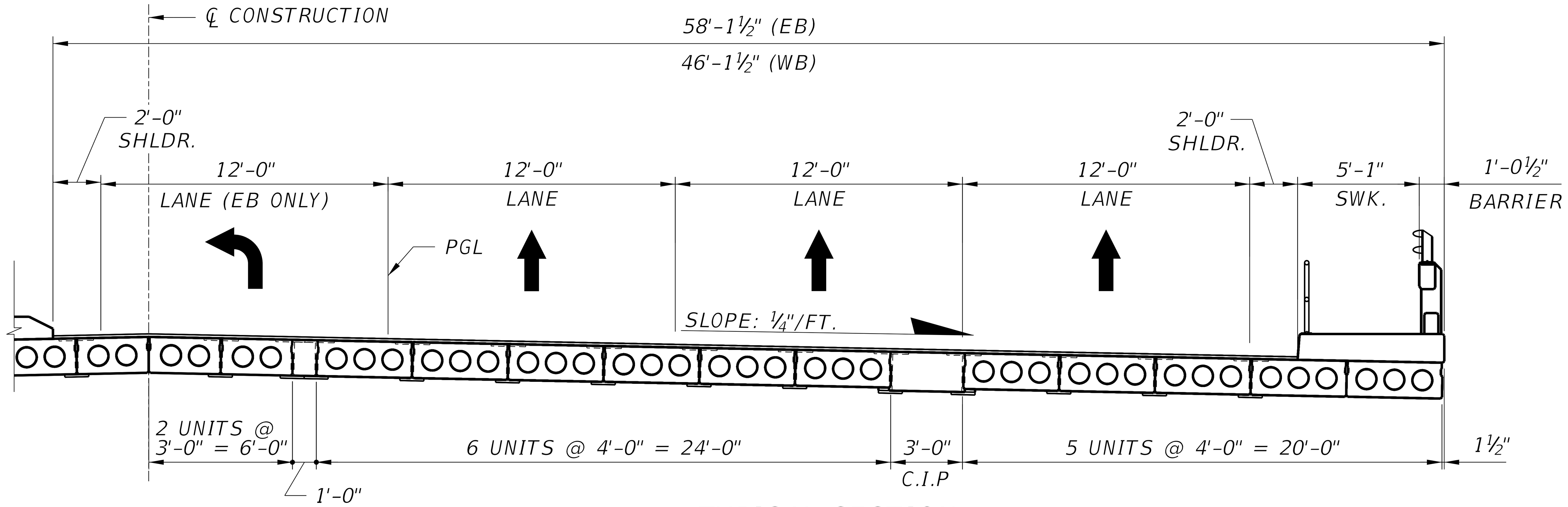
BRIDGE NO. 864048

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

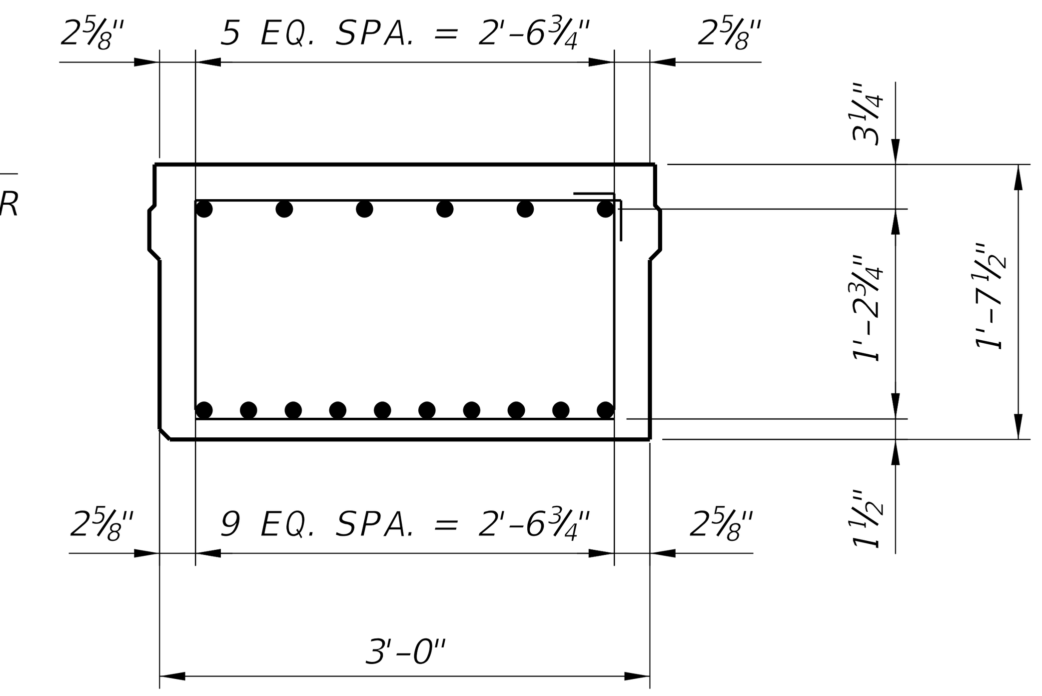
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

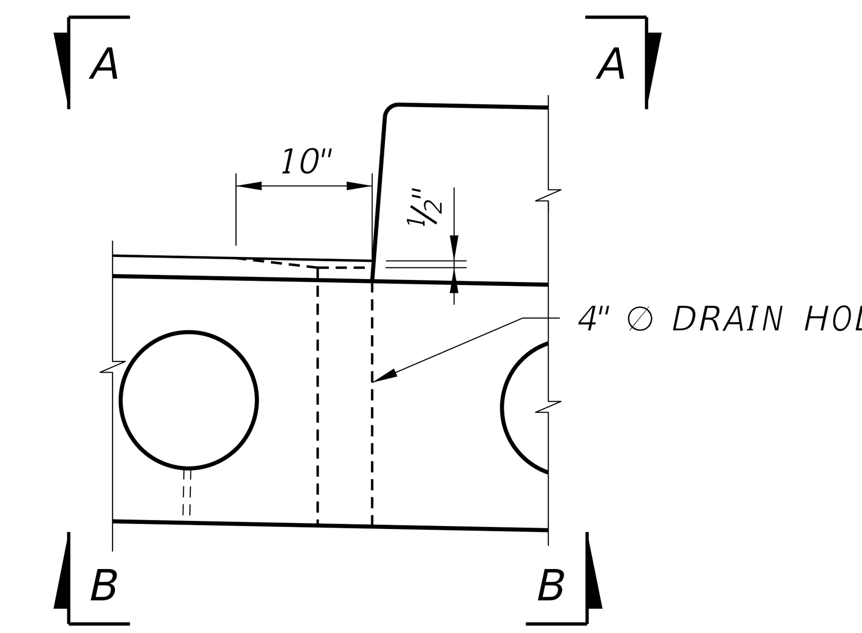
BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	PLAN AND ELEVATION	4
ATLANTIC BLVD.	2022-1-107		



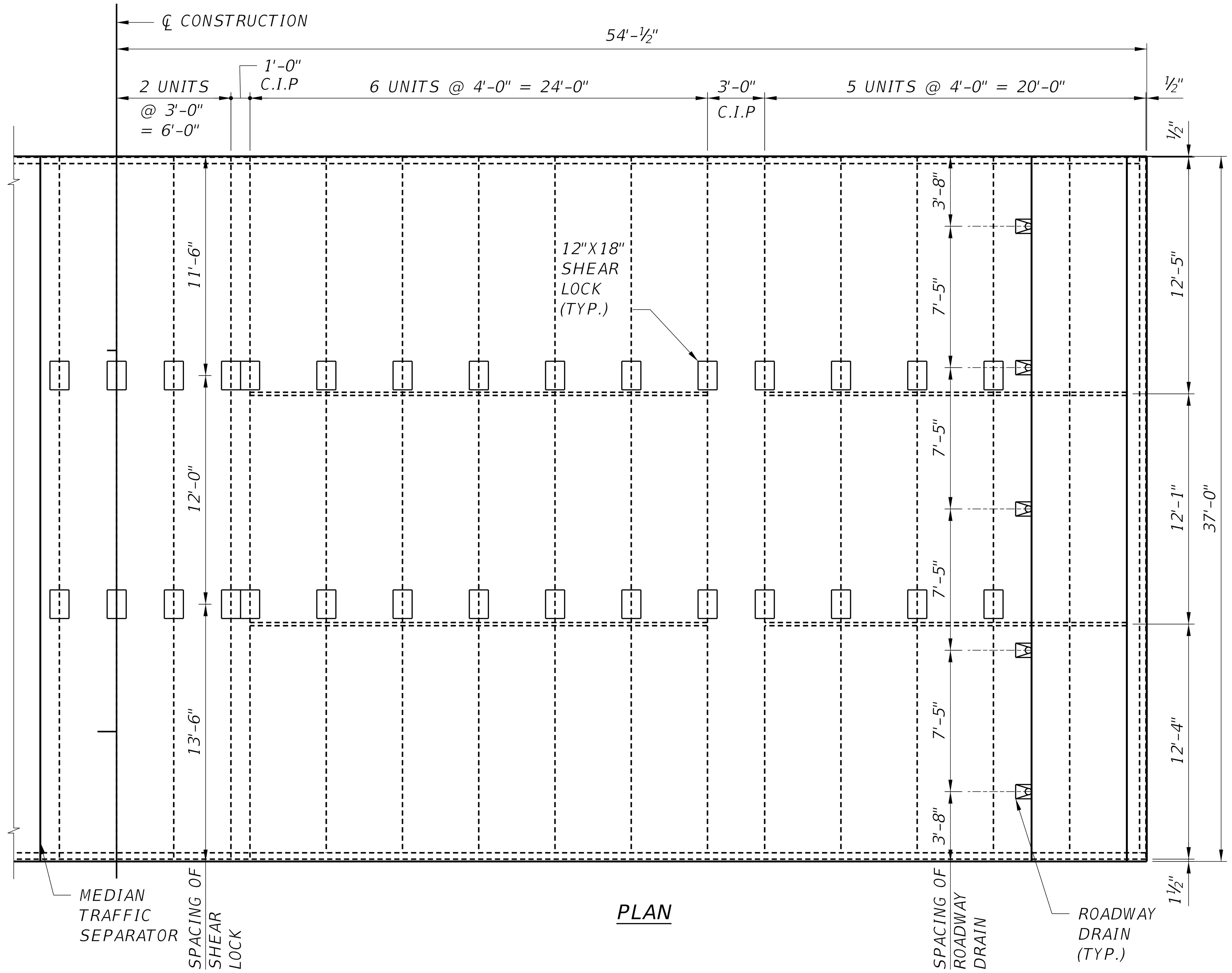
TYPICAL SECTION



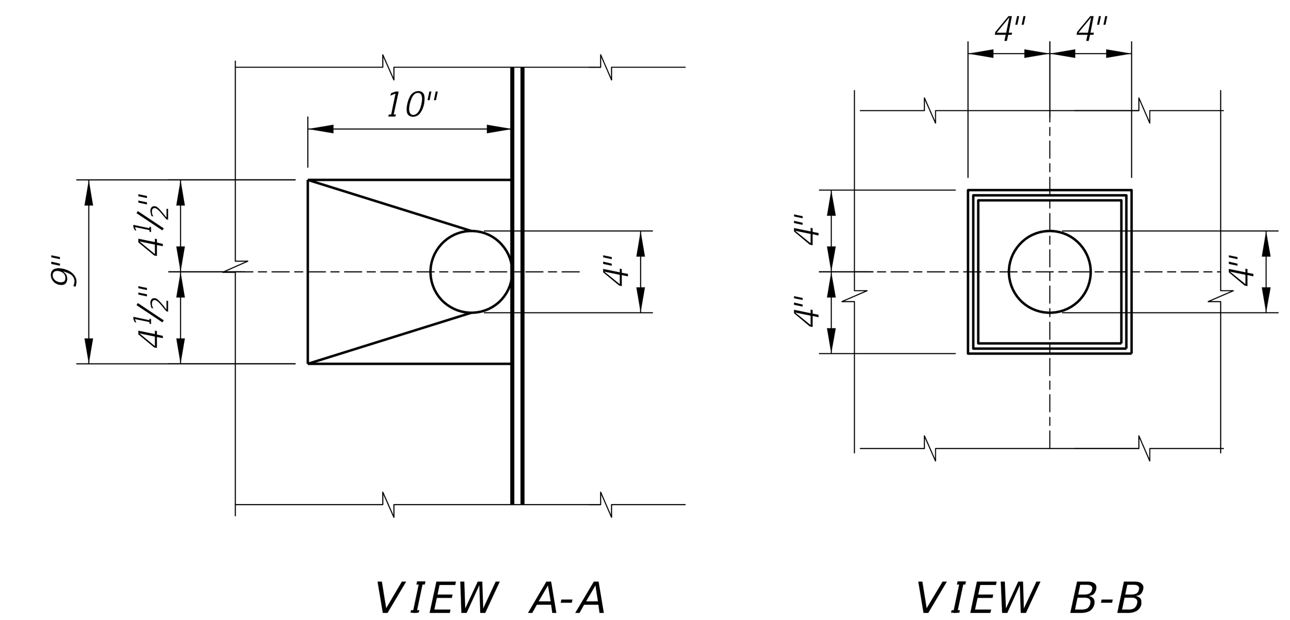
DETAIL OF CAST IN PLACE UNIT



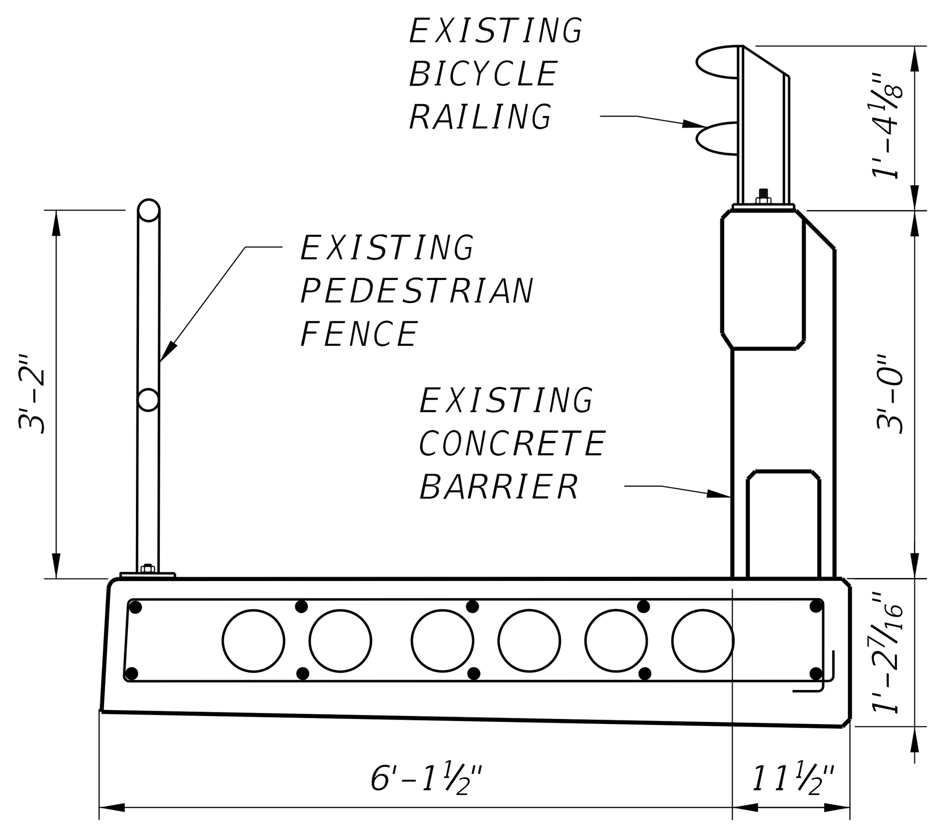
SECTION THRU CURB AT ROADWAY DRAIN



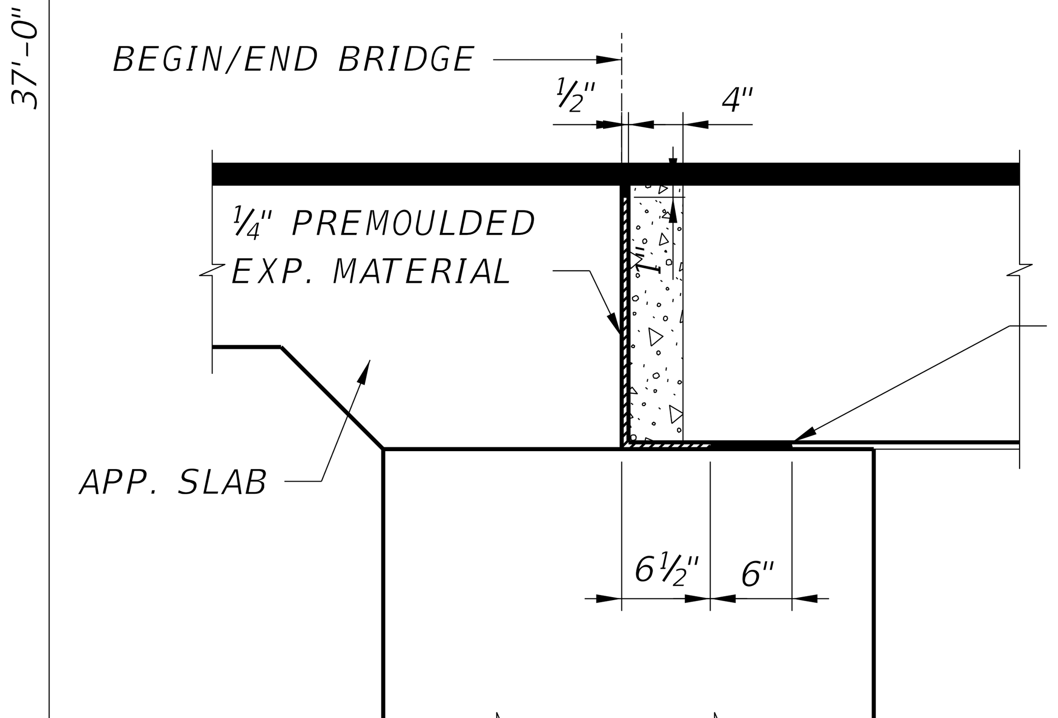
PLAN



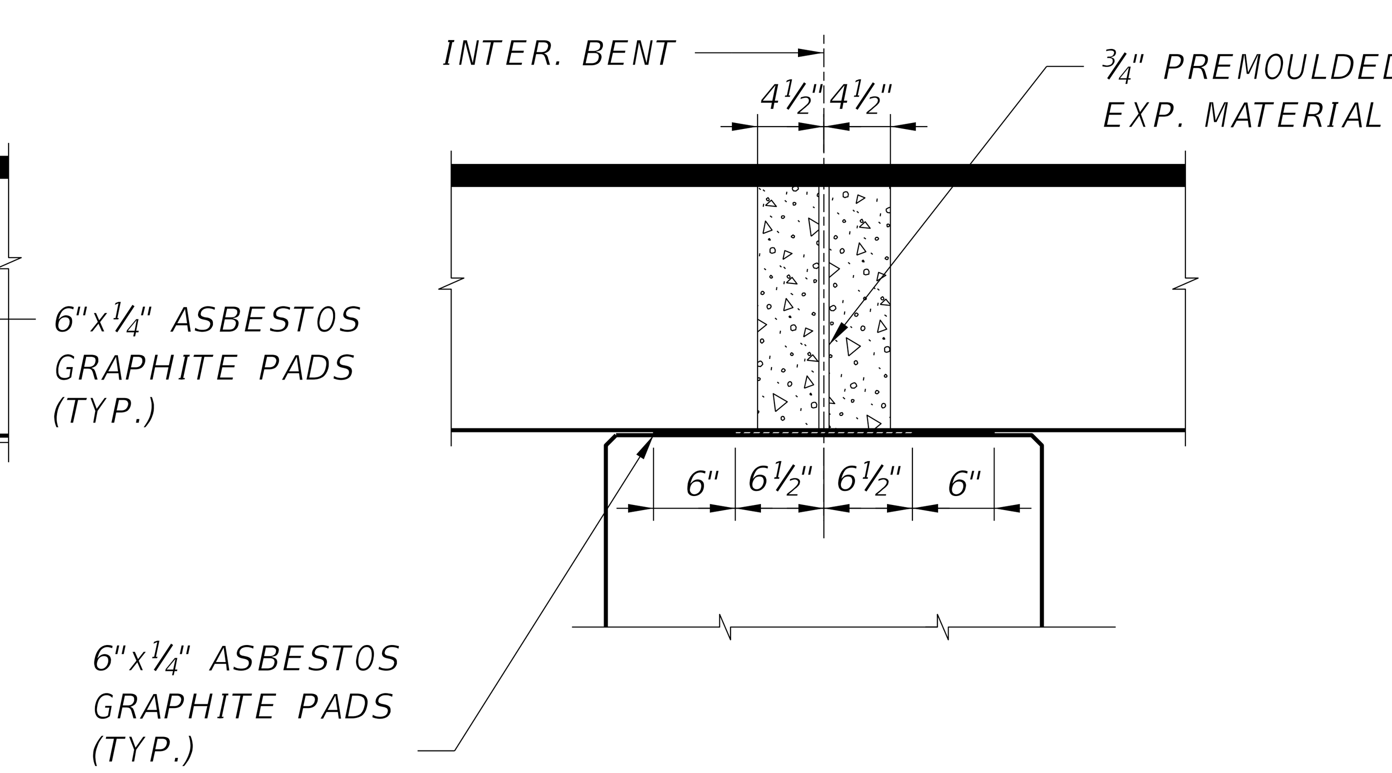
ROADWAY DRAIN DETAILS



SIDEWALK DETAIL



SECTION AT END BENT



SECTION AT INTERMEDIATE BENT

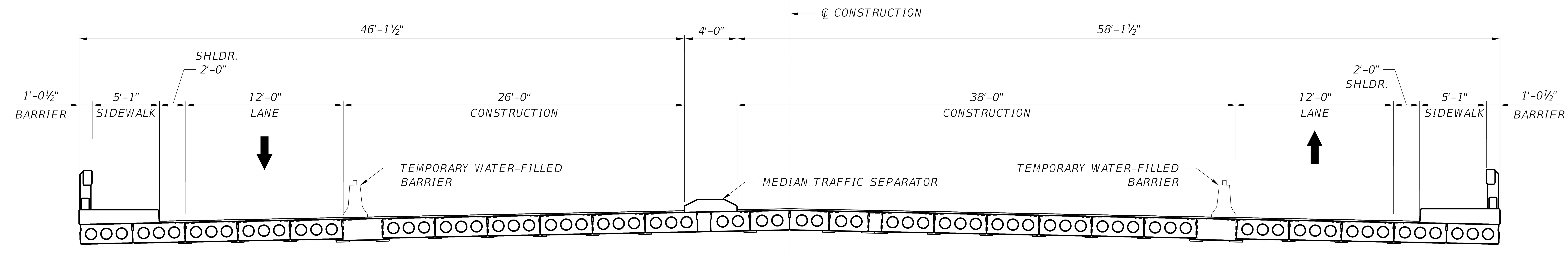
BRIDGE NO. 864048

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

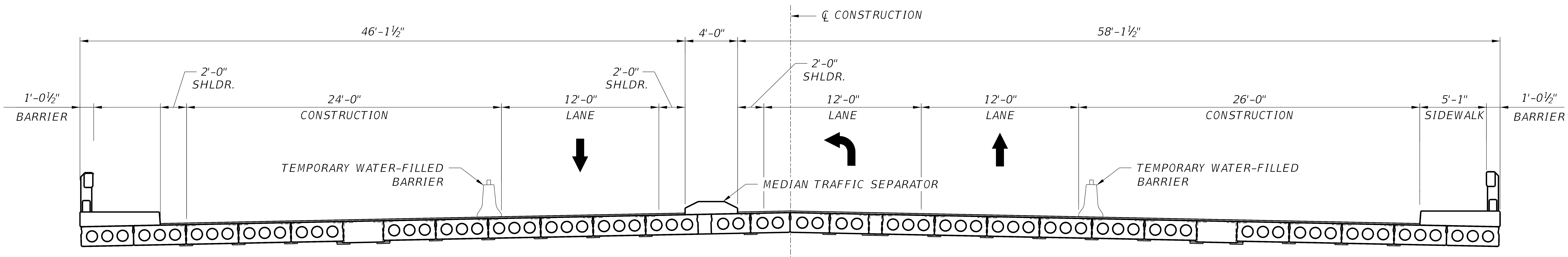
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

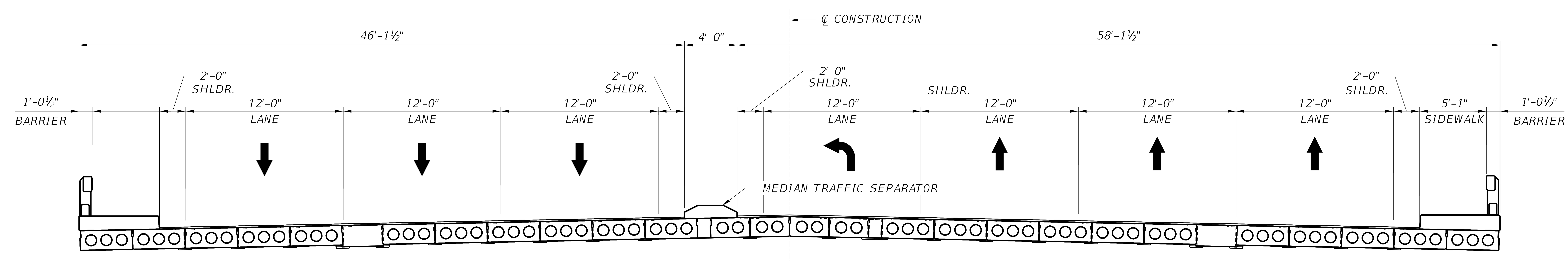
BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	SUPERSTRUCTURE PLAN, SECTION AND DETAILS	5
ATLANTIC BLVD.	2022-1-107		



TYPICAL SECTION
(PHASE I)



TYPICAL SECTION
(PHASE II)



TYPICAL SECTION
(FINAL)

BRIDGE NO. 864048

REVISIONS

DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

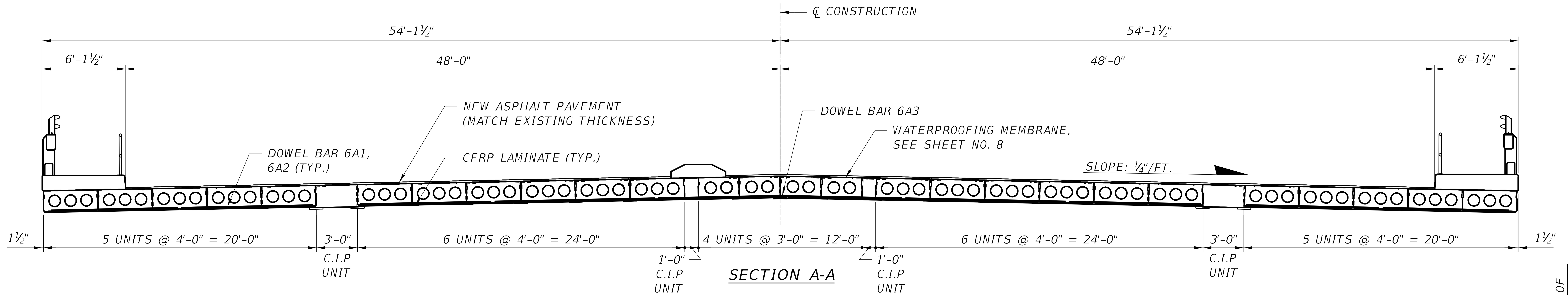
BRIDGE REPAIRS

ROAD	HBMD PROJ. NO.
ATLANTIC BLVD.	2022-1-107

ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL

TRAFFIC CONTROL PLAN (PHASE I & II)

SHEET NO. 6



SECTION A-A

PLAN

SYMMETRICAL ABOUT ℄

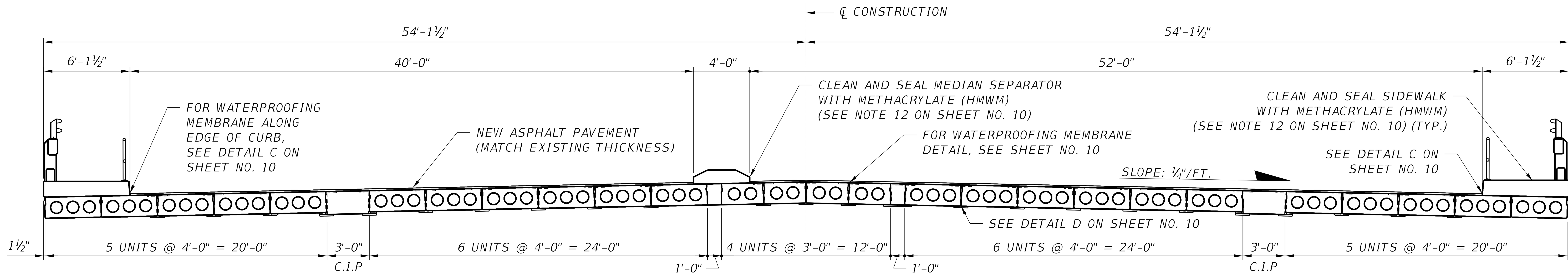
BRIDGE NO. 864048

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

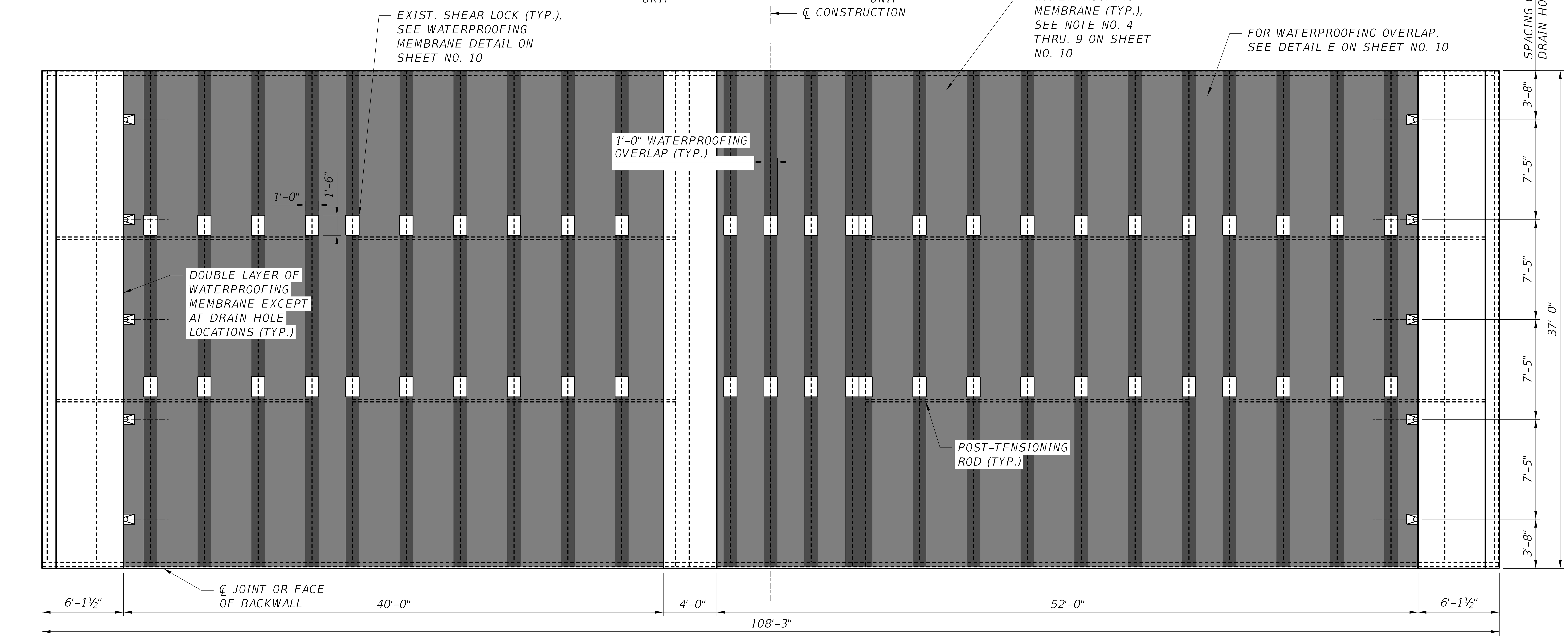
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	CONSTRUCTION PROCEDURE (1 OF 2)	7
ATLANTIC BLVD.	2022-1-107		



SECTION B-B



PLAN

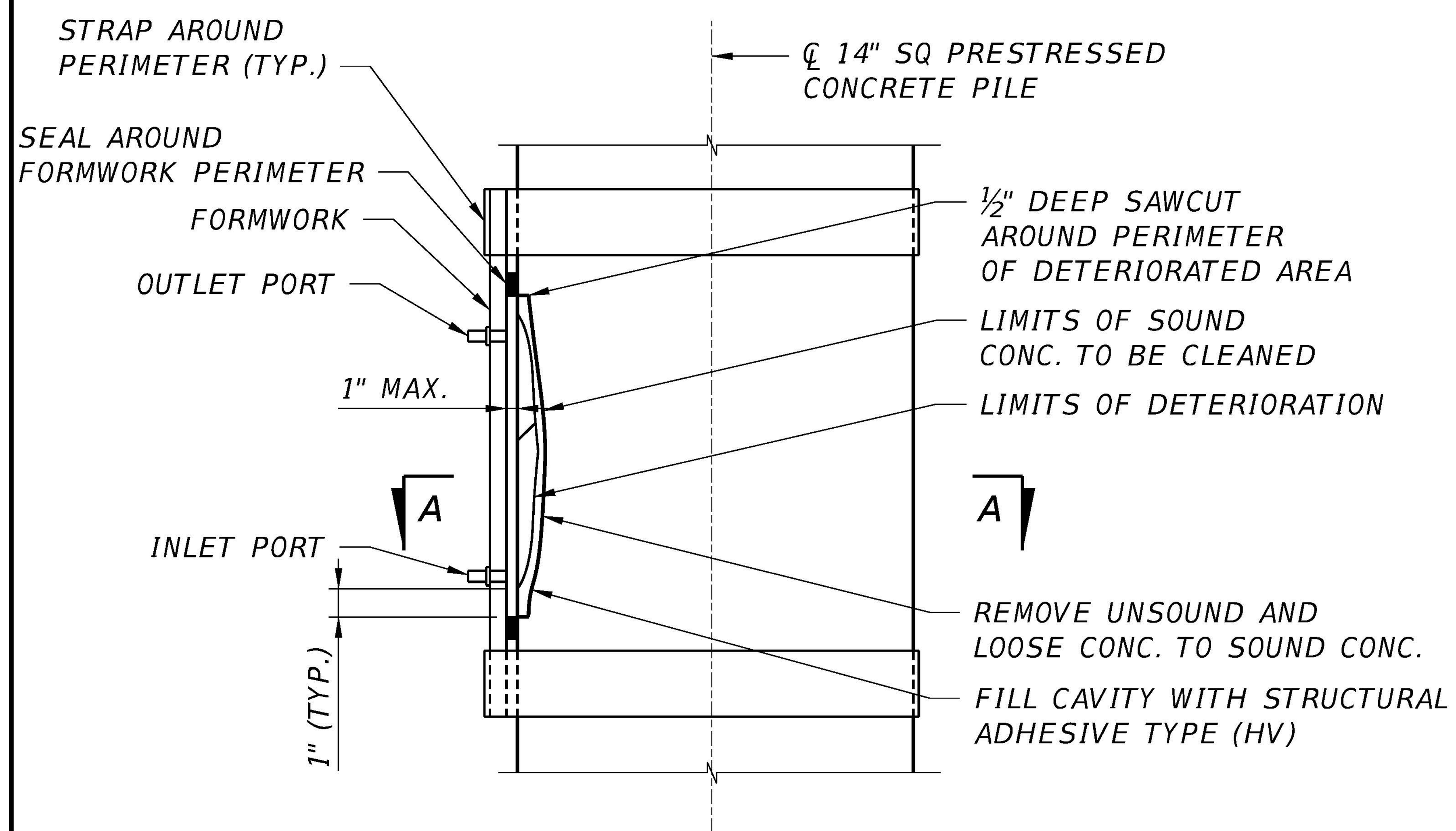
BRIDGE NO. 864048

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

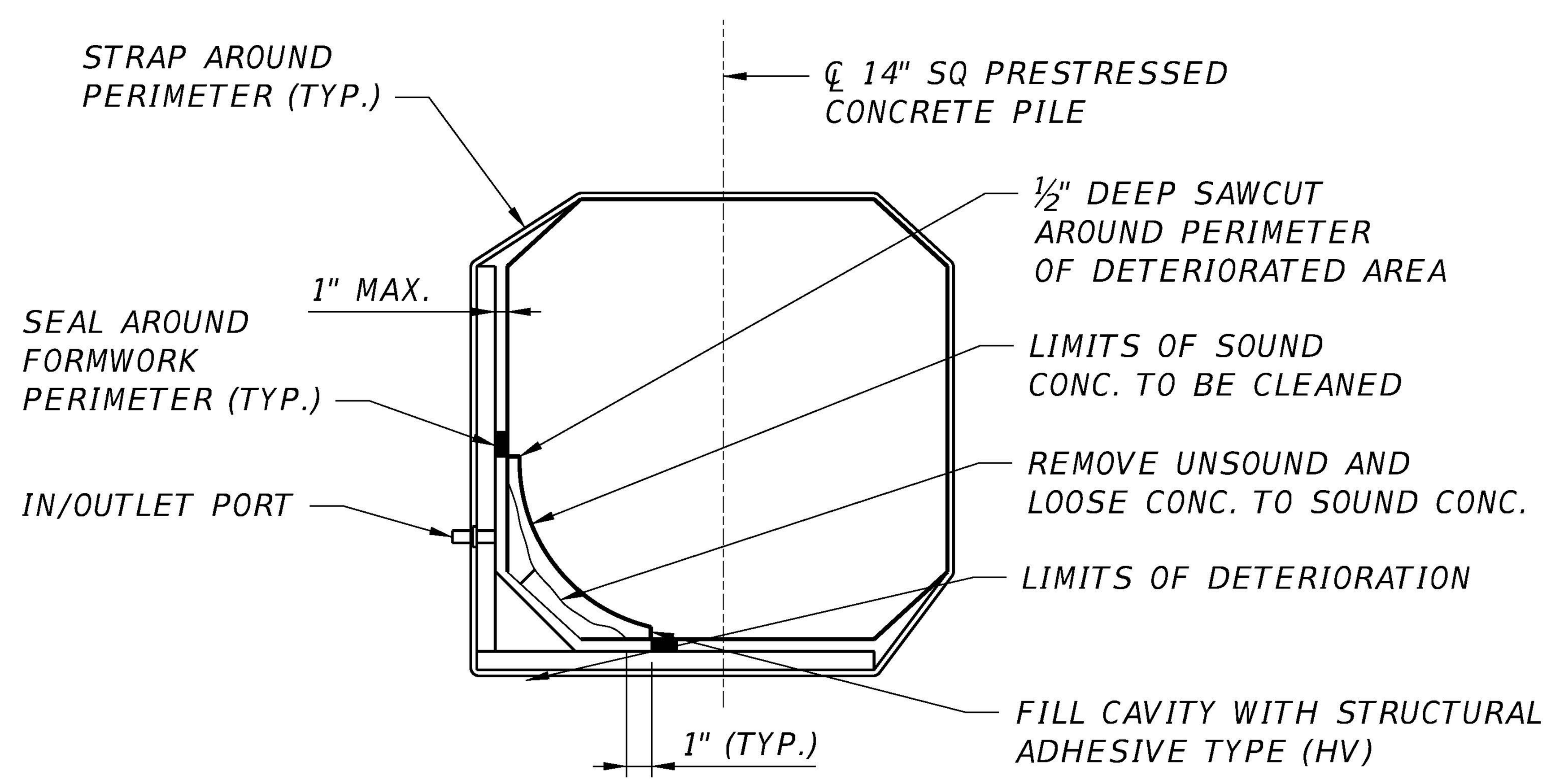
BROWARD COUNTY FLORIDA

BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	CONSTRUCTION PROCEDURE (2 OF 2)	8
ATLANTIC BLVD.	2022-1-107		



PILE SPALL REPAIR DETAILS

CONTRACTOR TO SUBMIT ALTERNATIVE REPAIR DETAILS FOR APPROVAL



SECTION A-A

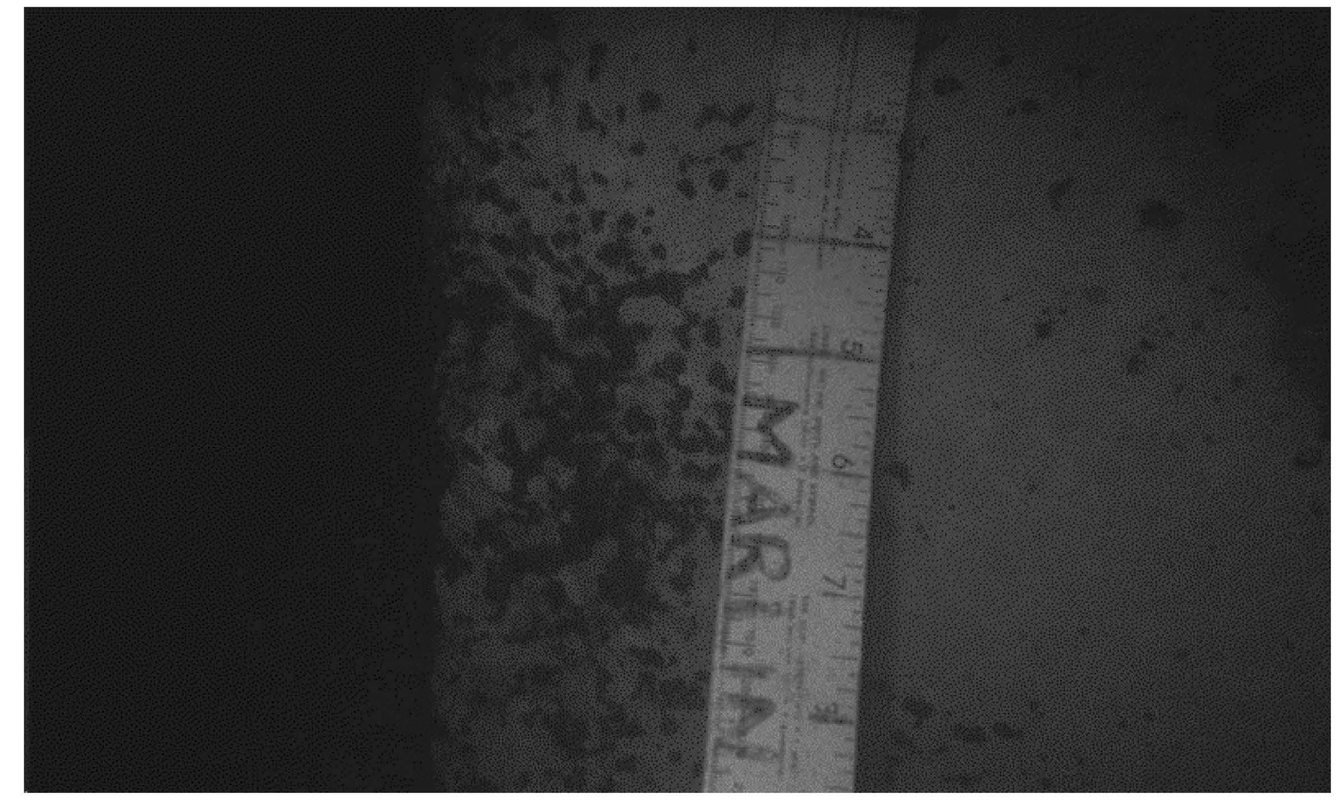


PHOTO 1

REPAIR SPALLS AT PILE 2-9 NORTHWEST CORNER, 5 FEET BELOW CAP AND PILE 2-16 SOUTHWEST CORNER, 8 FEET BELOW CAP.

PHOTO 2

SAW CUT ALONG EXISTING CRACKS, REMOVE UNSOUND CONCRETE, CLEAN AND FILL THE VOID WITH EPOXY

PHOTO 3

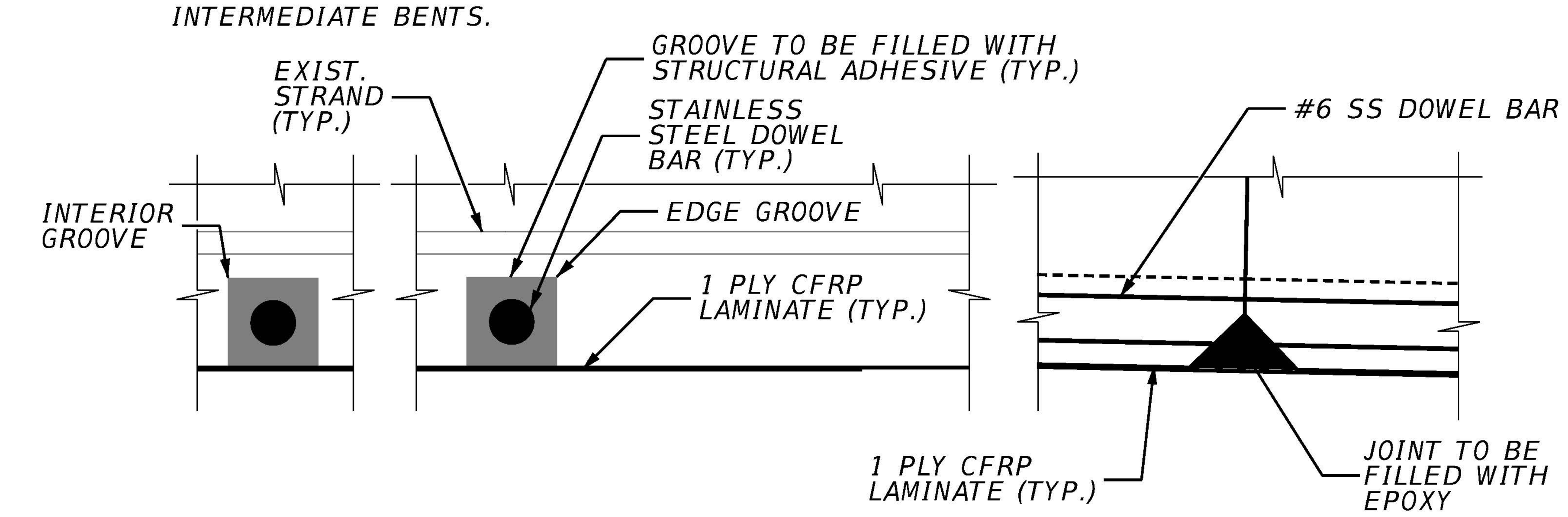
REPAIR UNDERMINING ALONG THE TOE OF THE WEST SLOPE PROTECTION USING FLOWABLE FILL

NOTES:

1. FOR WATERPROOFING MEMBRANE DETAILS, REFER TO SHEET NO. 8, "CONSTRUCTION PROCEDURE (2 OF 2)".
2. CONTRACTOR TO NOTIFY COUNTY ENGINEER AFTER THE LOCATION OF GROOVES HAS BEEN STRING LINED FOR APPROVAL BY ENGINEER.
3. NO CUTTING IS ALLOWED UNTIL CONCRETE COVER TO EXISTING STRANDS HAS BEEN VERIFIED BY ENGINEER.
4. THE 1⅛" DEEP CUT AS SHOWN ON THIS SHEET MAY BE ADJUSTED BY THE ENGINEER BASED ON FIELD COVER MEASUREMENTS.
5. EXTEND EXISTING 4" ∅ DRAIN HOLES. CORE DRILL 4½" ∅ HOLES (2" MIN. DEEP) AT EXISTING DRAIN HOLES AND EXTEND THE DRAIN HOLES 3" MIN. WITH 4" ∅ PVC PIPE. GLUE PVC PIPE TO CONCRETE WITH STRUCTURAL ADHESIVE.

TOP OF DECK PROCEDURE:

1. MILL EXISTING ASPHALT OVERLAY TO TOP OF BRIDGE DECK. DO NOT DAMAGE BRIDGE DECK.
2. REMOVE TRANSVERSE EXPANSION JOINTS SEALS AT END AND INTERMEDIATE BENTS. REMOVE ½" DEEP OF EXISTING ¼" PREMOLDED EXPANSION MATERIAL IN LONGITUDINAL JOINT BETWEEN CONCRETE CURB AND SIDEWALK AND PLACE AN APPROVED SILICONE SEALANT.
3. IF FOUND UPON REMOVAL OF OVERLAY, REMOVE DELAMINATIONS AND CLEAN TOP OF BRIDGE SLAB UNITS SPALLS BY SAND-BLASTING TO REMOVE MOISTURE OR DUST AND PATCH SPALLS AND DELAMINATIONS AS PER PROCEDURES ON SHEET NO. 11 "CONSTRUCTION DETAILS (3 OF 3)".
4. CLEAN DECK SURFACE TO REMOVE DUST AND OTHER DELETERIOUS MATERIAL.
5. APPLY ASPHALT BINDER AND INSTALL WATERPROOFING MEMBRANE.
6. INSTALL ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22 (1") AND SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22 (2"± ON BRIDGE DECK AND 1" ON APPROACH SLABS).
7. FURNISH AND INSTALL BACKER ROD, SILICONE JOINT SEALANT AND POLYMER HEADER AT TRANSVERSE EXPANSION JOINTS INCLUDING SIDEWALKS AND CURBS AT END AND INTERMEDIATE BENTS.

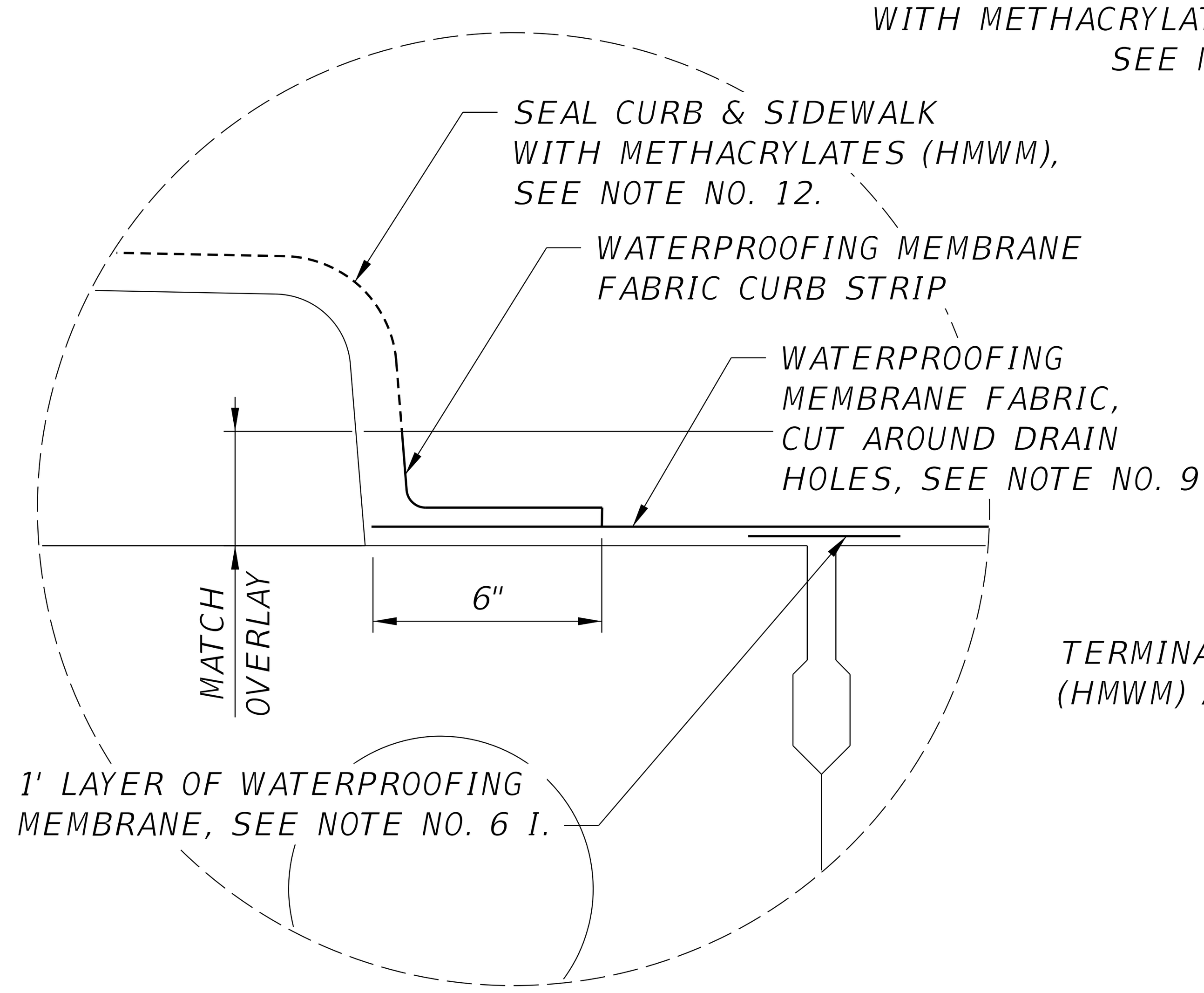


DETAIL A **DETAIL B**

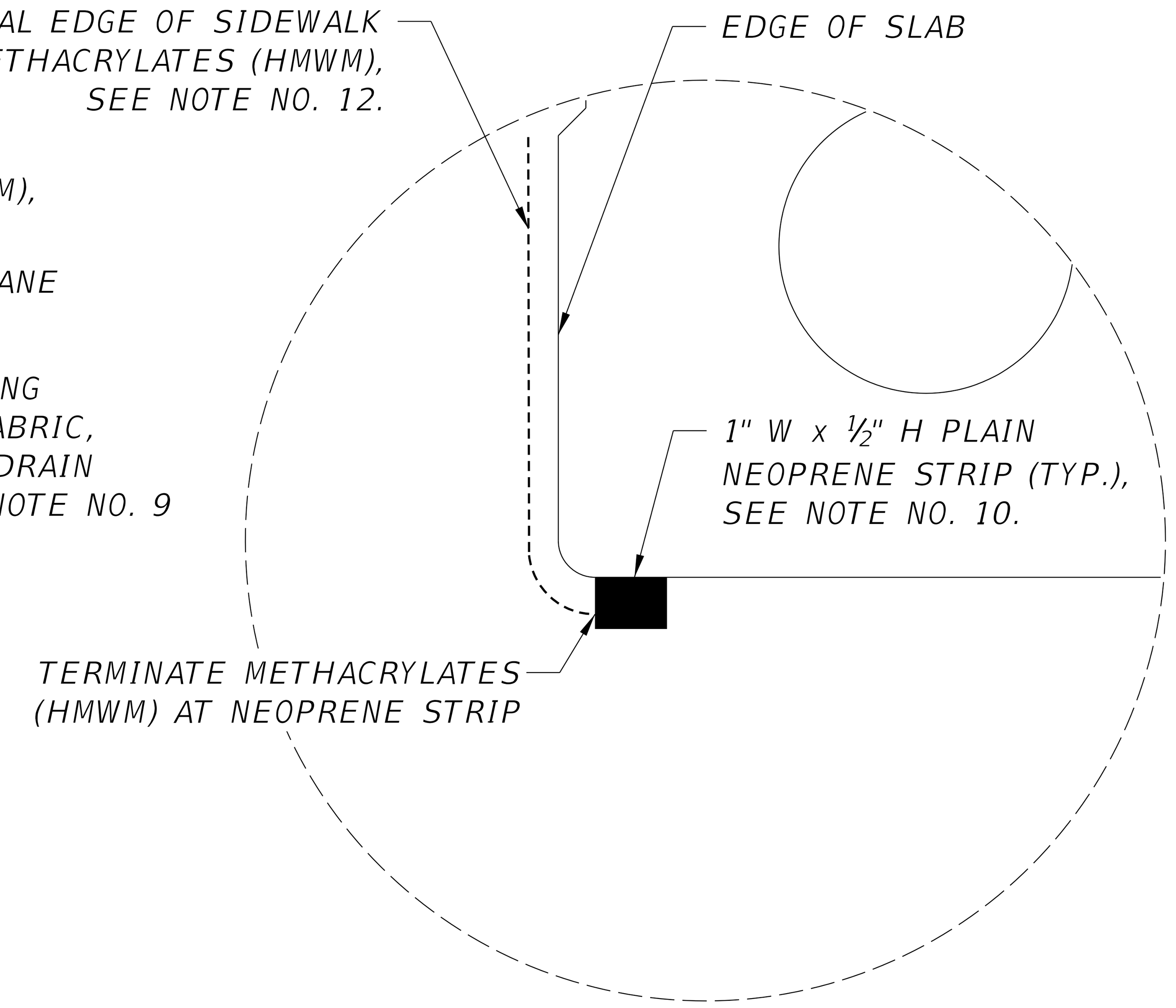
UNDERDECK PROCEDURE:

1. SAW CUT (9) PER SPAN TRANSVERSE 1¼"x1⅛" GROOVES BY WAY OF 2 ADJACENT SAWCUTS AND CHIP OUT INTERSTITIAL CONCRETE BETWEEN SAW CUTS TO ACHIEVE A FINAL 1¼" DEPTH. CIRCULAR SAW SHALL BE MOUNTED ON TRACKS ALONG THE GROOVE PATH.
2. CLEAN GROOVES THOROUGHLY OF DIRT AND DUST WITH HIGH PRESSURE AIR COMPRESSOR.
3. PLACE #6 STAINLESS STEEL DOWEL BARS CENTERED WITHIN THE GROOVES. USE STAINLESS STEEL SELF DRILLING SCREWS TO SECURE THE BARS.
4. DOWEL BARS SHALL NOT BUTT UP AGAINST STRANDS. IF DOWEL BARS MUST BUTT UP AGAINST STRANDS, SEPARATE DOWEL BARS FROM STRANDS WITH DIELECTRIC TAPE.
5. INSERT STRUCTURAL ADHESIVE TO FILL ALL EMPTY SPACE WITHIN THE GROOVES ALL AROUND THE STAINLESS STEEL DOWEL REINFORCEMENT.
6. FILL LONGITUDINAL JOINTS BETWEEN SLAB UNITS WITH STRUCTURAL ADHESIVE.
7. CLEAN AND PATCH ALL EXPOSED SPALLS AND DELAMINATIONS.
8. PREPARE CONCRETE SURFACE TO RECEIVE CFRP LAMINATES PER TSP T100.
9. APPLY CFRP LAMINATES PER TSP T100.
10. APPLY UV PROTECTIVE COATING PER TSP T100.

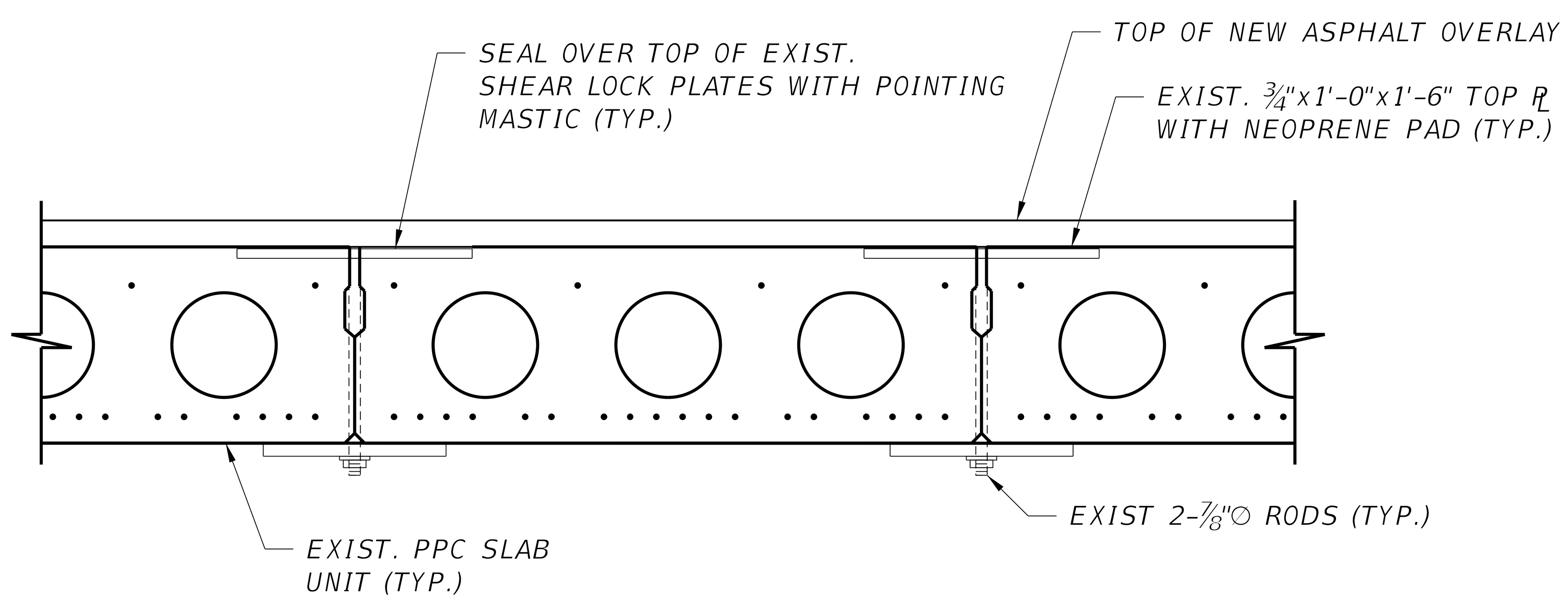
BRIDGE NO. 864048



DETAIL C



DETAIL D



WATERPROOFING MEMBRANE DETAIL

NOTES:

1. EXISTING CROSS SLOPE VALUE SHALL DE DETERMINED IN THE FIELD BEFORE MILLING EXISTING ASPHALT.

2. THE EXISTING ASPHALT OVERLAY THICKNESS SHALL BE FIELD VERIFIED. MILL EXISTING ASPHALT OVERLAY TO TOP OF DECK. DO NOT DAMAGE THE TOP OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS.

3. REPAIR ALL DELAMINATIONS AND SPALLS ON THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS, AS PER DETAILS ON SHEET NO. 11 "SPALL AND CRACK REPAIRS DETAILS".

4. APPLY WATERPROOFING MEMBRANE FABRIC AS PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2000) SECTION 518 "PAVEMENT WATERPROOFING FABRIC" AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.

5. FOR WATERPROOFING CONSTRUCTION LIMITS, REFER TO TRAFFIC CONTROL PLAN SHOWN IN SHEET NO. 6.

6. WATERPROOFING APPLICATION SHALL FOLLOW THESE STEPS:
   I. A MINIMUM 1 FOOT WIDE WATERPROOFING FABRIC SHALL BE PLACED CENTERED ALONG LONGITUDINAL SHEAR KEYS BETWEEN SLAB UNIT ENDS.
   II. STARTING FROM THE LOW CROSS SLOPE POINT, WATERPROOFING FABRIC SHALL BE PLACED IN A SHINGLE PATTERN. OVERLAPS SHALL FOLLOW DETAIL D.
   III. AT CURBS, AN ADDITIONAL WATERPROOFING STRIP SHALL BE PROVIDED EXTENDING 6IN ONTO THE HORIZONTAL AND MATCH THE ASPHALT OVERLAY THICKNESS ON THE VERTICAL FACE. SEE DETAIL B.

7. ROLL MEMBRANE FIRMLY TO ELIMINATE WRINKLES AND AIR POCKETS.

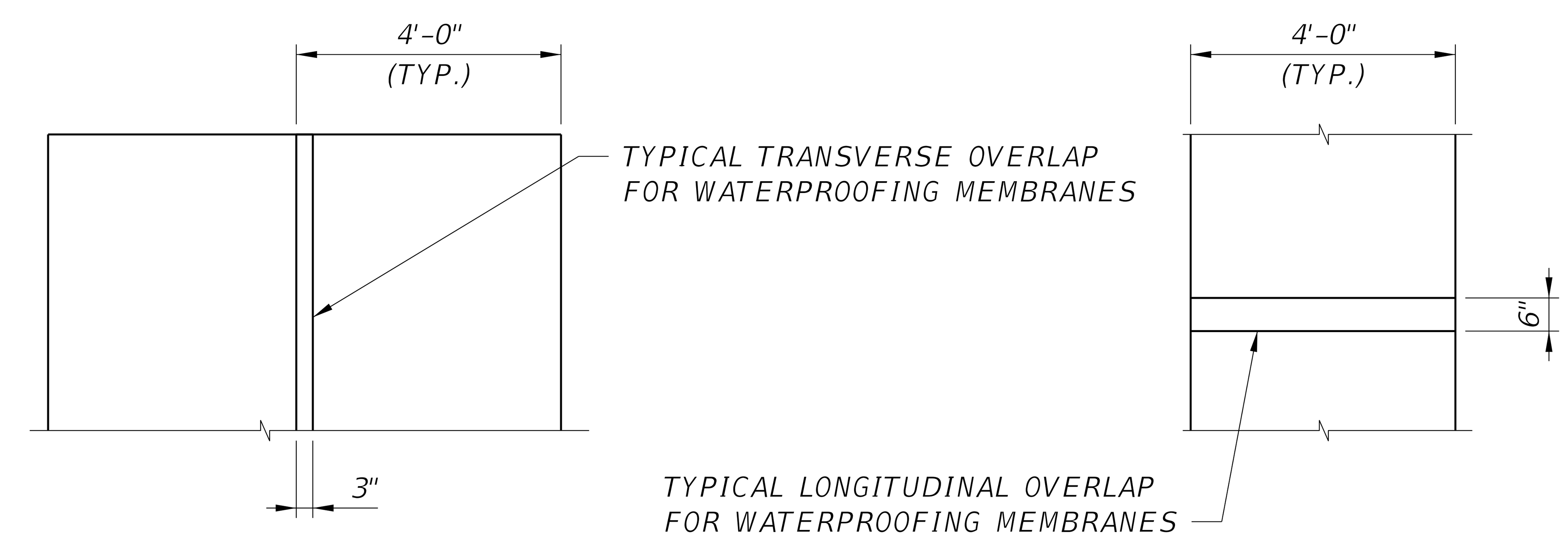
8. WATERPROOFING FABRIC SHALL BE CUT AT BENT EXPANSION JOINTS 6" FROM THE EDGES OF THE DECK TO ACCOMODATE THE EXPANSION JOINT NOSING.

9. WATERPROOFING TERMINATIONS SHALL BE SEALED WITH POINTING MASTIC SEALANT. INCLUDING AROUND BRIDGE DRAIN HOLES.

10. PLACE PLAIN NEOPRENE STRIPS GLUED WITH EPOXY ALONG LONGITUDINAL EDGES OF SLAB UNITS, OMITTING LOCATIONS WHERE CFRP LAMINATES ARE PROVIDED, SEE DETAIL C. THE NEOPRENE STRIPS SHALL BE PLACED PRIOR TO THE APPLICATION OF METHACRYLATES (HMWM).

11. APPLY METHACRYLATES (HMWM) PER FDOT SPECIFICATION SECTION 413 AS SHOWN. OMIT APPLICATION OF SAND DURING METHACRYLATES (HMWM) APPLICATION. DO NOT APPLY METHACRYLATES (HMWM) OVER AREAS TO RECIEVE CFRP LAMINATES.

12. CLEAN AND SEAL ALL EXPOSED CONCRETE SURFACES OF SIDEWALKS (INCLUDING THE EDGE FACE), CURBS, AND MEDIAN TRAFFIC SEPARATOR.



DETAIL E

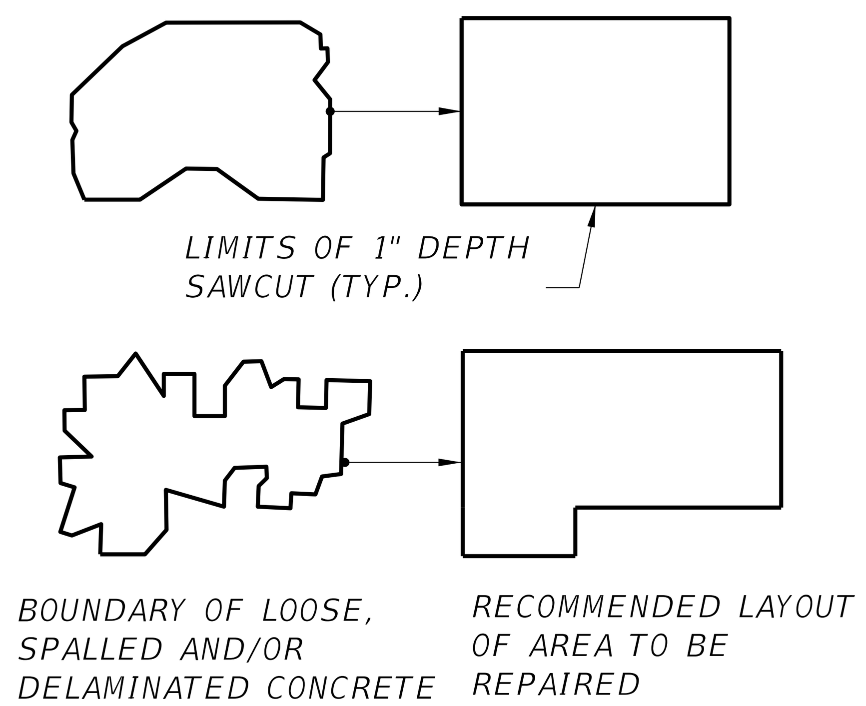
BRIDGE NO. 864048

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

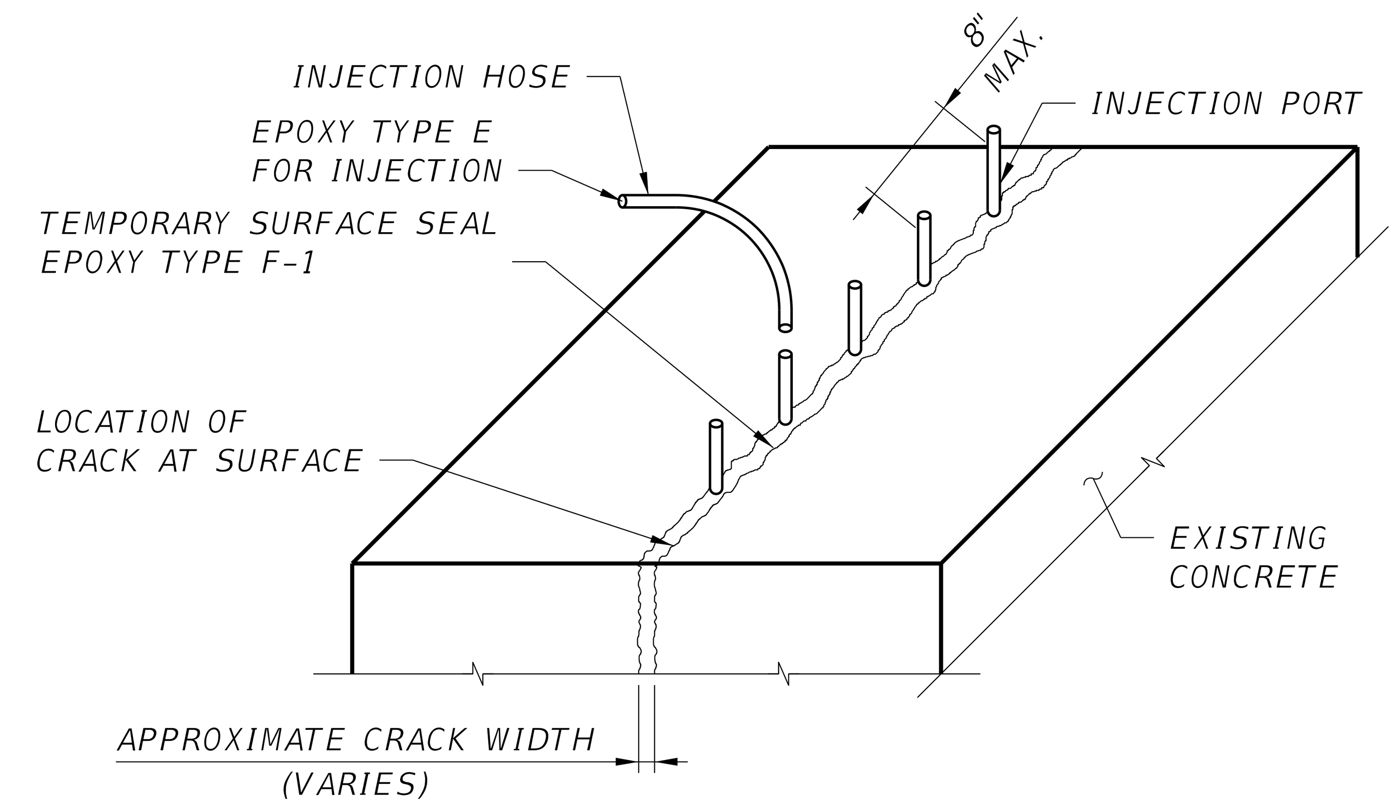
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

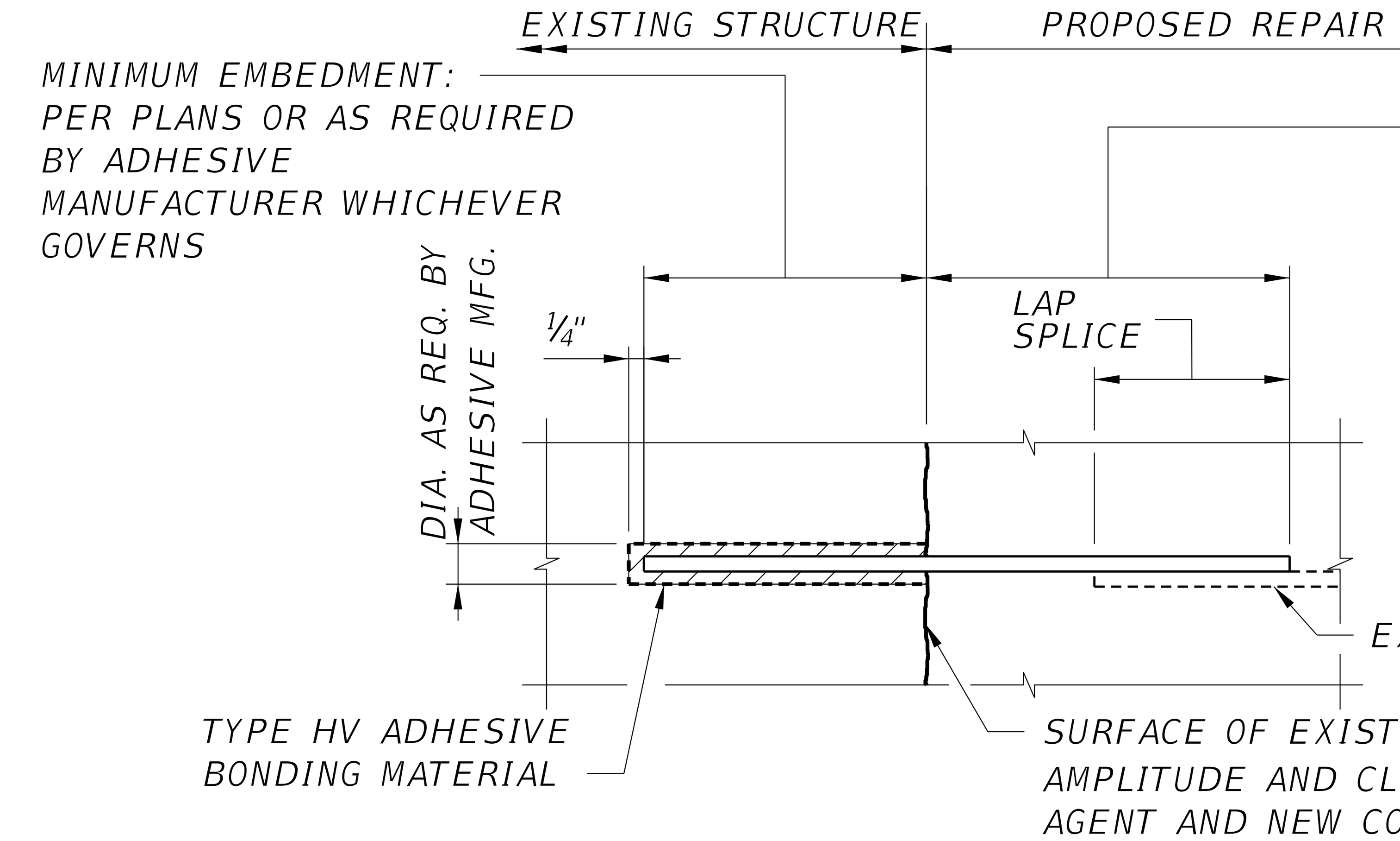
BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	CONSTRUCTION DETAILS (2 OF 3)	10
ATLANTIC BLVD.	2022-1-107		



TYPICAL SPALL/DELAMINATION REPAIR CONFIGURATIONS



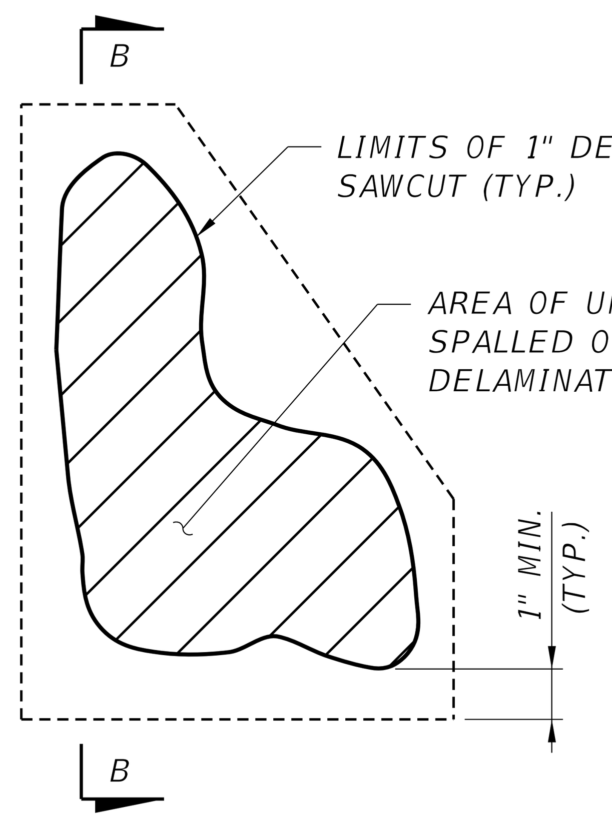
EPOXY INJECT AND SEAL CRACK REPAIR



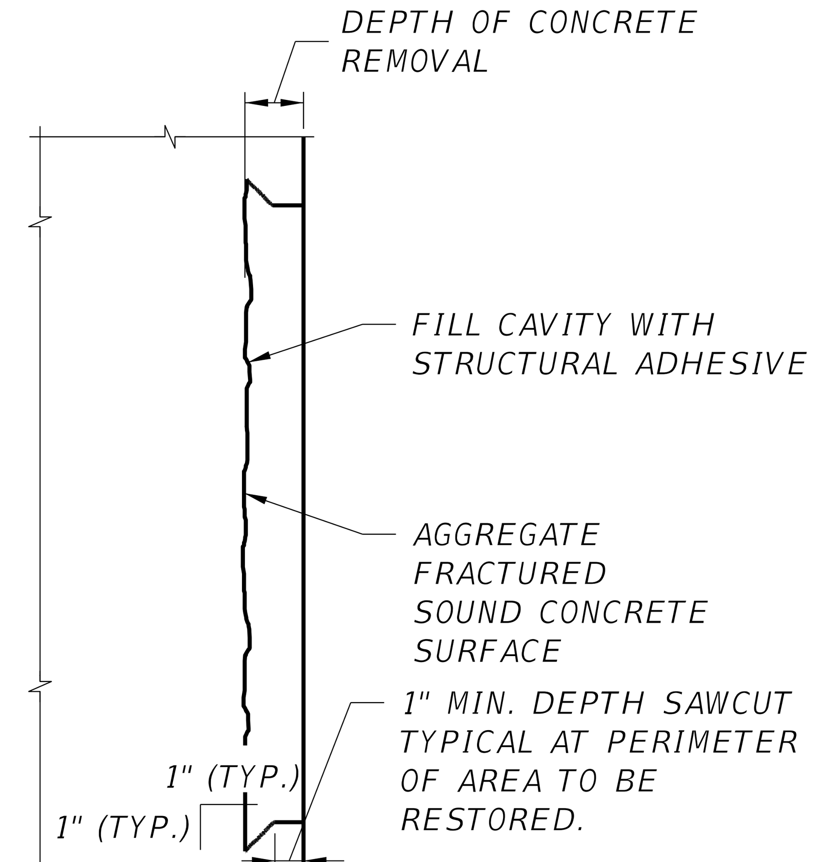
SUGGESTED UNLESS NOTED OTHERWISE:

BAR SIZE	MIN. EMBEDMENT LENGTH	MIN. LAP SPLICE
4	1'-5"	1'-9"
5	1'-9"	2'-2"
6	2'-2"	2'-7"
7	2'-6"	3'-0"
8	3'-1"	3'-9"
9	3'-9"	4'-7"
10	4'-10"	5'-10"
11	5'-10"	7'-1"

DOWEL DETAIL

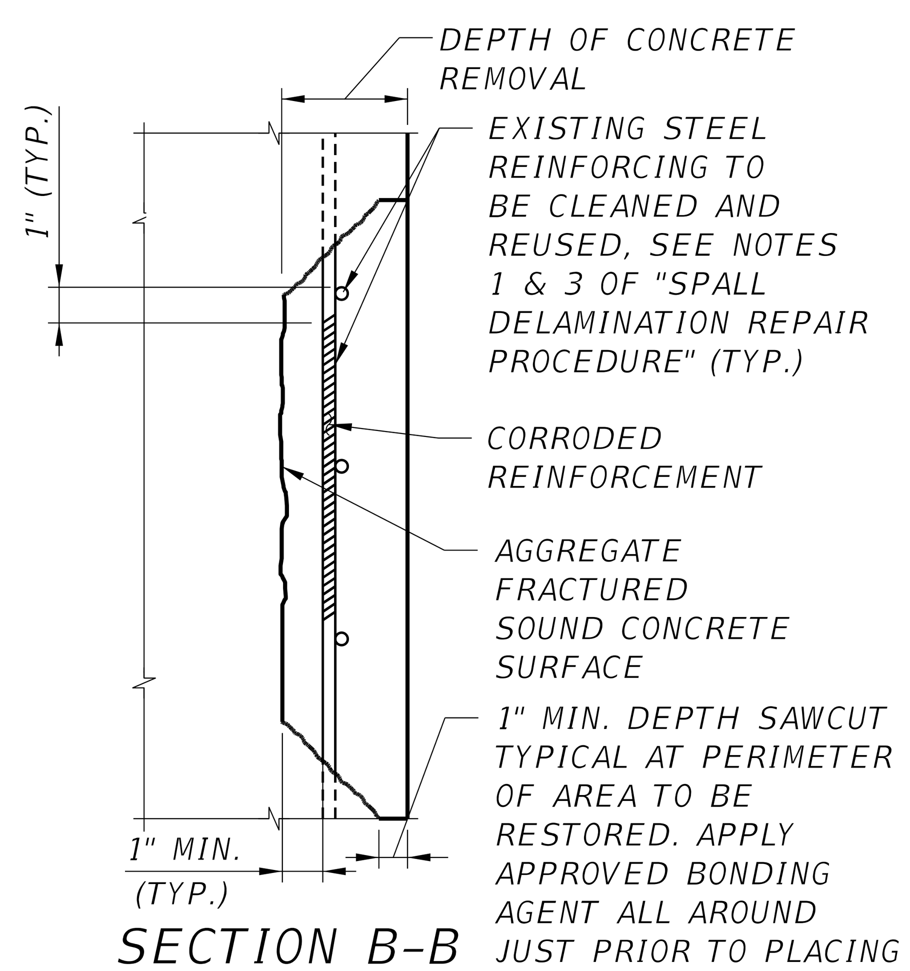


PARTIAL DEPTH REPAIR PLAN



SECTION B-B

NO EXPOSED REINF.



SECTION B-B

EXPOSED REINF.

SPALL/DELAMINATION REPAIR DETAILS

DOWEL PROCEDURE

1. HOLES FOR DOWEL BARS SHALL BE SOUND AND THOROUGHLY CLEANED AS PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO PLACING EPOXY AND DOWELS.
2. HOLES SHALL HAVE A MINIMUM OF 3" CLEARANCE FROM THE EDGE OF THE CONCRETE.
3. LENGTH OF DOWEL EMBEDMENT SHALL BE SET IN A STRUCTURAL ADHESIVE BONDING COMPOUND DESIGNATED AS TYPE HV. SEE FDOT APPROVED PRODUCTS LIST (APL) AND FDOT STANDARD SPECIFICATIONS SECTIONS 416 AND 937 FOR DETAILS.
4. WHERE REINFORCING STEEL IS ENCOUNTERED, SHIFT THE HOLE TO CLEAR AND FILL THE UNUSED DRILLED HOLE WITH EPOXY.
5. THE SUGGESTED MINIMUM REQUIRED EMBEDMENT LENGTH FOR DOWEL BARS EXTENDING INTO THE PROPOSED REPAIR IS SHOWN. THIS EMBEDMENT LENGTH MAY VARY AT LOCATIONS REQUIRING LAPPING TO PROPOSED REINFORCING, ETC. AS DETAILED IN THESE PLANS.

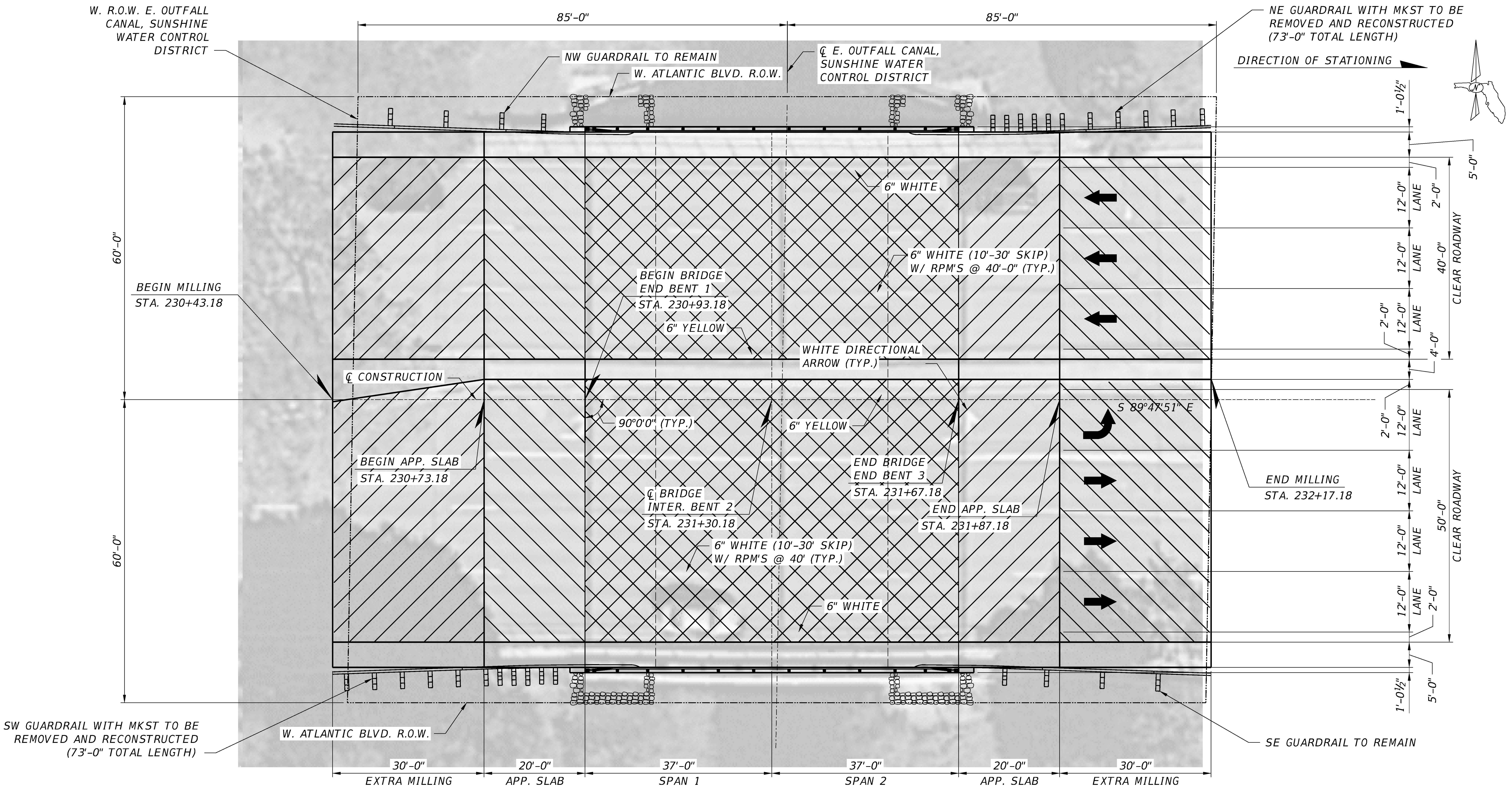
SPALL/DELAMINATION REPAIR PROCEDURE

1. CONTRACTOR SHALL USE EXTREME CAUTION NOT TO DAMAGE EXISTING REINFORCING STEEL. REINFORCING STEEL SHALL BE MEDIA BLASTED TO A SSPC SP10 CONDITION. IF ANY REINFORCING STEEL IS DAMAGED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR ADDITIONAL INSTRUCTIONS ON THE APPLICABLE REPAIR. ANY REINFORCING STEEL THAT IS DAMAGED BY THE CONTRACTOR IS TO BE REPAIRED AT NO COST TO THE COUNTY.
2. PROVIDE AN AGGREGATE-FRACTURED SOUND CONCRETE SURFACE WITH AN APPROXIMATE SURFACE PROFILE AMPLITUDE OF ⅛" BY USE OF SCRABBLER OR OTHER APPROPRIATE MEANS AS NECESSARY.
3. IF THE EXISTING REINFORCEMENT HAS LOST MORE THAN 20% OF ITS CROSS SECTION, A NEW BAR OF EQUAL SIZE (DIAMETER) SHALL BE DRILLED AND EPOXIED WITH AN EMBEDDED LENGTH AND/OR LAP SPLICE AS INDICATED IN THESE PLANS. IN NO CASE SHALL ANY REBAR BE PLACED WITH A COVER LESS THAN EXISTING COVER.
4. PLACE FORM WORK. FORM WORK MAY BE SUPPORTED BY STAINLESS STEEL INSERTS WHERE REQUIRED. STAINLESS STEEL INSERTS WILL BE LOCATED IN SOUND CONCRETE AND MAY REMAIN IN PLACE. STAINLESS STEEL INSERTS LEFT IN PLACE SHALL BE RECESSED AT LEAST 1" AND PATCHED.
5. THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS SECTION 930. PLACE THE LATEX MODIFIED PORTLAND CEMENT MORTAR/CONCRETE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

GENERAL CRACK REPAIR PROCEDURE:

1. ALL CRACKS CALLED OUT TO BE REPAIRED IN THESE PLANS ARE NON STRUCTURAL AND SHALL BE REPAIRED IN ACCORDANCE WITH SECTIONS 400-21, 411 AND 413 OF FDOT SPECIFICATIONS.
2. SOUND TEST AROUND THE CRACKS PRIOR TO INJECTING TO ASSURE THAT IT IS NOT DELAMINATED. IF CONCRETE AROUND THE CRACK IS DELAMINATED, REPAIR AS A DELAMINATION PRIOR TO REPAIRING CRACK.
3. EPOXY INJECTION CONCRETE WITH CRACKS WIDTH EQUAL OR GREATER THAN $\frac{3}{16}$".
4. USE TYPE F-1 COMPOUND EPOXY FOR SEALING CRACK SURFACES IN PREPARATION FOR INJECTION. REFER TO SECTION 411 OF STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION. GRIND OFF THE EXCESS EPOXY AND PORTS TO THE EXISTING PROFILE AFTER EPOXY INJECTION IS COMPLETED AND EPOXY HAS SET.

BRIDGE NO. 864048



PLAN

LEGEND:

- MILLING AND RESURFACING
- MILLING, WATERPROOFING AND RESURFACING

NOTES:

1. MILL FULL DEPTH (3"±, DETERMINED BASED ON FIELD MEASUREMENT) EXISTING ASPHALT OVERLAY ON TOP OF CONCRETE BRIDGE SLAB UNITS AND 2" ELSEWHERE.
2. INSTALL NEW WATERPROOFING MEMBRANE AS SHOWN ON SHEET NO. 8, "CONSTRUCTION PROCEDURE (2 OF 2)".
3. FOR BRIDGE AND APPROACH SLABS, PAVE NEW ASPHALT OVERLAY CONCRETE FRICTION COURSE (1"), TRAFFIC C, FC-9.5, PG 76-22 AND SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22 (2" ON BRIDGE DECK, 1" ON APPROACH SLABS AND ELSEWHERE).
4. FOR PAVEMENT MARKING DETAILS, MATCH EXISTING AND PER BROWARD COUNTY PAVEMENT MARKINGS AND SIGNS DETAILS.
5. EXISTING GUARDRAIL, ANCHORAGE AND CONCRETE BARRIER TO BE REMOVED AND RECONSTRUCTED PER FDOT INDEX 521-404, 536-001 AND 536-002.
6. FOR DETAILS OF PAVEMENT MARKINGS AND SIGNS, REFER TO BROWARD COUNTY PAVEMENT MARKINGS AND SIGNS DETAILS.

BRIDGE NO. 864048

REVISIONS			
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION
1600 BLOUNT ROAD
POMPANO BEACH, FL 33069

BROWARD COUNTY FLORIDA

BRIDGE REPAIRS		ATLANTIC BLVD. BRIDGE OVER EAST OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	ROADWAY PLAN	12
ATLANTIC BLVD.	2022-1-107		

SUNSHINE
WATER CONTROL DISTRICT

STAFF
REPORTS
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CORAL SPRINGS

Tree Memorial Program

The Coral Springs Tree Memorial Program provides Coral Springs residents the opportunity to commemorate a special person through the planting of a tree at a city park or installing a city bench.

Overview

1 **Purchase**

For a cost residents may purchase a tree or park bench and have a plaque installed. While requests for planting at a specific park will be considered, the tree's location, size and variety will be determined by the Parks and Recreation Department. Prices may vary.

2 Plaques

Residents must purchase a bronze plaque from an independent company. All plaques cannot be larger than 7”x5” and all information must be approved by the Parks and Recreation Department.

3 Guidelines

After a tree or bench is planted or installed, the resident will be notified. Trees and benches may not be decorated with flowers, ribbons, photos or other items.

The Parks and Recreation Department will not maintain the paint, finish, stain, or any other decorative aesthetic appearance of any plaques once installed.

After 10 years the city will not be required to replace any tree or bench. If the applicant wishes to replace a tree or bench after 10 years, the Parks and Recreation Department will do so at city cost to the applicant.

This program is sponsored by the Parks and Recreation Department. For more information, please contact Parks Administrator, Justin Ellis at JEllis@coralsprings.gov (mailto:JEllis@coralsprings.gov).

Contact Us

Phone

954-344-1839 (tel:9543441839)

Email

jellis@coralsprings.gov (mailto:jellis@coralsprings.gov)

SUNSHINE
WATER CONTROL DISTRICT

STAFF REPORTS

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SUNSHINE WATER CONTROL DISTRICT		
BOARD OF SUPERVISORS FISCAL YEAR 2022/2023 MEETING SCHEDULE		
LOCATION *La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065*		
DATE	**POTENTIAL DISCUSSION/FOCUS**	**TIME**
October 12, 2022	**Regular Meeting**	**6:30 PM**
November 9, 2022	**Regular Meeting**	**6:30 PM**
December 7, 2022	**Regular Meeting**	**6:30 PM**
January 11, 2023	**Regular Meeting**	**6:30 PM**
February 8, 2023	**Regular Meeting**	**6:30 PM**
March 8, 2023	**Landowners' Meeting & Regular Meeting**	**6:30 PM**
April 12, 2023	**Regular Meeting**	**6:30 PM**
May 10, 2023	**Regular Meeting**	**6:30 PM**
June 14, 2023	**Regular Meeting**	**6:30 PM**
July 12, 2023	**Regular Meeting**	**6:30 PM**
August 9, 2023	**Regular Meeting**	**6:30 PM**
September 13, 2023	**Public Hearing & Regular Meeting**	**6:30 PM**