

CITY OF NORTH PORT TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT CITY OF NORTH PORT SARASOTA COUNTY, FLORIDA



UTILITY NOTIFICATION

UTILITY LOCATIONS DEPICTED WITHIN THIS CONSTRUCTION PLAN SET HAVE BEEN COMPILED FROM FIELD MEASUREMENTS AND DOCUMENTS SUPPLIED BY THE VARIOUS UTILITY COMPANIES. THE ENGINEER MAKES NO CLAIM TO THE ACCURACY OF THE UTILITY LOCATIONS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES AND IS RESPONSIBLE FOR VERIFYING THE DEPTHS AND FIELD LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. ACTUAL UTILITY LOCATIONS AND DEPTHS MAY VARY FROM THOSE DEPICTED WITHIN THIS CONSTRUCTION PLAN SET. PROTECTION OF ALL UTILITIES WITHIN THE AREA OF CONSTRUCTION AND ALL COSTS TO REPAIR DAMAGES TO EXISTING UTILITIES AND DISTURBED AREAS SHALL BE BORNE BY THE CONTRACTOR.

UTILITY CONTACTS:

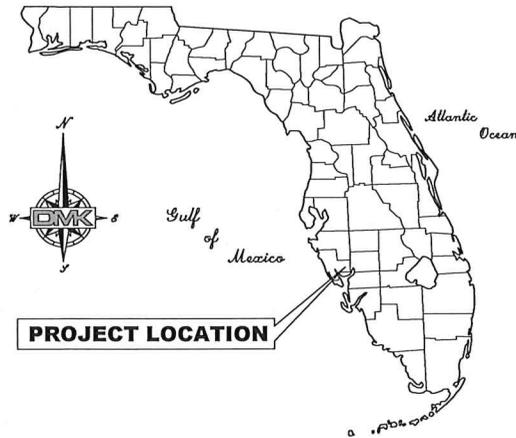
CITY OF NORTH PORT UTILITIES	DARRELL SMITH (941) 240-8021
CITY OF NORTH PORT PUBLIC WORKS	STEVE PLATT (941) 628-8022
COMCAST	GARY HILL (941) 342-3586
TECO: PEOPLES GAS	DANNY SHANAHAN (941) 342-4006
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FLORIDA POWER & LIGHT	JUAN CRUZ (941) 423-4842

INDEX OF DRAWINGS

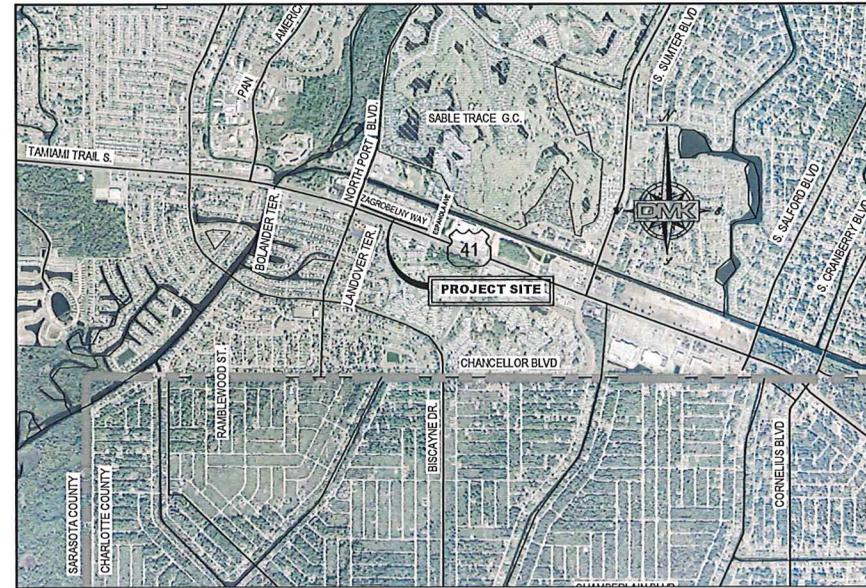
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KREG E. MAHEU STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENCE NO. 45766; THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KREG E. MAHEU, P.E. ON 04/05/2021 USING A SHA-1 AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA-1 AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DMK PROJECT No. 16-0104-21



PROJECT LOCATION



LOCATION MAP
N.T.S.

ZAGROBELNY WAY
NORTH PORT BLVD to ESPANOLA AVE
SECTION 32, TOWNSHIP 39S, RANGE 21E

~ 100% PLANS ~
APRIL 2021

NOTE:

ORIGINAL CONSTRUCTION DRAWINGS PROVIDED BY DMK ASSOCIATES, INC. FOR THE CITY OF NORTH PORT ARE DRAWN TO SCALE AS SHOWN. HOWEVER THE SCALE OF THESE PLANS MAY CHANGE DUE TO REPRODUCTION AND THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

PROJECT STANDARDS:

THESE PLANS COMPLY WITH ALL APPLICABLE STANDARDS, INCLUDING THE MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS.

THESE PLANS ARE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (A.D.A.) MANUAL, AND CHAPTER II IF THE FLORIDA BUILDING CODE / FLORIDA ACCESSIBILITY CODE.

THESE PLANS ARE IN COMPLIANCE WITH THE FLORIDA ACCESSIBILITY CODE AT CURBS, GUTTERS, SIDEWALKS, INTERSECTIONS, ETC.

THESE PLANS ARE IN COMPLIANCE WITH THE CITY OF NORTH PORT UNIFIED LAND CODE (ULDC).

GOVERNING STANDARDS AND SPECIFICATIONS:

CITY OF NORTH PORT ULDC. FLORIDA ADA ACCESSIBILITY CODE.

SURVEY HORIZONTAL & VERTICAL CONTROL NOTES:

1. **HORIZONTAL DATUM:** NAD 83 (90), FLORIDA STATE PLANE COORDINATES, WEST ZONE.

2. **VERTICAL DATUM:** NAVD 1988.

CITY COMMISSIONERS:

ALICE WHITE	DISTRICT 1
BARBARA LANGDON	DISTRICT 2
DEBBIE McDOWELL	DISTRICT 3
PETE EMRICH, VICE MAYOR	DISTRICT 4
JILL LUKE, MAYOR	DISTRICT 5

ACTING CITY MANAGER:

JASON YARBOROUGH, ICMA-EM INTERIM CITY MANAGER

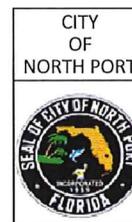


ENGINEERING OFFICE:

421 COMMERCIAL COURT, SUITE C
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F: (941) 412-1043
info@dmkassoc.com

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4315 S. ACCESS ROAD
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PREPARED FOR: CITY OF NORTH PORT DEPARTMENT OF PUBLIC WORKS

1100 NORTH CHAMBERLAIN BOULEVARD
NORTH PORT, FLORIDA, 34286
P: (941) 240-8320
F: (941) 240-8063
BEN NEWMAN, P.E.
PUBLIC WORKS PROJECT MANAGER

GENERAL NOTES:

- CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY AND ALL FIELD CONDITION(S) THAT WILL PREVENT THE CONSTRUCTION OF ANY ELEMENT OF THE PROPOSED PROJECT IN ACCORDANCE WITH THE DESIGN STANDARDS AND APPROVED CONSTRUCTION DOCUMENTS FOR THIS PROJECT. IN ALL INSTANCES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO ANY INSTALLATION OF WORK. IF CONTRACTOR ELECTS TO INSTALL ANY WORK WHICH DEVIATES FROM THE APPROVED CONSTRUCTION DOCUMENTS WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER, THEN THE COST OF REMOVAL, REPAIR, REDESIGN AND/OR REPLACEMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS SAID WORK IS ACCEPTED AS AN AS-BUILT DEVIATION BY THE CITY OR THE ENGINEER. IN NO CASE SHALL THE CITY OR ENGINEER BE RESPONSIBLE FOR THE COST OF REMOVAL, REPAIR, REDESIGN AND/OR REPLACEMENT OF ANY WORK THAT DEVIATES FROM THE DESIGN STANDARDS AND APPROVED CONSTRUCTION DOCUMENTS FOR THIS PROJECT.
- ALL NEW STORM DRAIN LINES AND ASSOCIATED COMPONENTS SHALL BE CONSTRUCTED TO ALIGNMENT AND LOCATION AS SHOWN IN THE PLANS UNLESS OTHERWISE DIRECTED BY ENGINEER.
- ALL REINFORCED CONCRETE PIPE (RCP), & ELLIPTICAL REINFORCED CONCRETE PIPE (ERCP) SHALL BE CLASS III PIPE PER FDOT INDEX 205.
- ALL ERCP SHALL BE INSTALLED WITH THE LONGITUDINAL AXIS PLACED HORIZONTALLY UNLESS NOTED OTHERWISE.
- ALL EARTHWORK AND COMPACTION SHALL BE INSPECTED BY THE ENGINEER OR DULY APPOINTED REPRESENTATIVE, PRIOR TO FILLING OR CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY, PRIOR TO BIDDING, TO INSPECT THE JOB SITE AND TO BE TOTALLY FAMILIAR WITH THE PLANS AND THEIR INTENT.
- THE CONTRACTOR SHALL PROVIDE CERTIFIED RECORD INFORMATION THAT MEET THE CITY OF NORTH PORT PERMIT REQUIREMENTS TO THE ENGINEER.
- CONTRACTOR SHALL MAINTAIN SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED. UNTIL ACCEPTANCE, ALL EROSION, SILTATION AND MAINTENANCE OF GRADES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- IT IS THE INTENT OF THE CITY OF NORTH PORT TO SAVE ALL EXISTING TREES IN THE PROJECT LIMITS WHERE FEASIBLE. CONTRACTOR SHALL PROVIDE THE NECESSARY MEASURES TO ENSURE TREES ARE PROTECTED DURING CONSTRUCTION.
- WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES, THE CONTRACTOR SHALL USE EXTREME CARE IN NOT DAMAGING THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DRIP LINES OF THE TREES TO REMAIN AND BE PRESERVED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING CONSTRUCTION TO CONTROL EROSION AND PREVENT THE TRANSPORT OF SEDIMENT TO SURFACE WATERS, STORM DRAINS AND/OR ADJACENT PROPERTIES. SILT SCREENS, AND/OR FILTER FABRIC, OR OTHER STANDARD EROSION CONTROL DEVICES SHALL BE PROVIDED IN ACCORDANCE WITH F.D.O.T. STANDARDS. EROSION CONTROL DEVICES (E.G. SILT SCREENS, TURBIDITY CURTAINS) SHALL BE INSTALLED AND MAINTAINED IN LOCATIONS INDICATED ON THE CONSTRUCTION PLANS OR ADDITIONALLY AT LOCATIONS WHERE CONSTRUCTION ACTIVITIES OR UNSTABILIZED SOILS HAVE THE POTENTIAL TO BE TRANSPORTED INTO AND/OR RESULT IN SEDIMENTATION OR TURBIDITY ENTERING WATERWAYS, WATER BODIES, WETLANDS, OR PRIVATE PROPERTIES.
- CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH FDOT INDEX 102-600 SERIES (2018/2019) AND THE CITY OF NORTH PORT STANDARDS.
- CONTRACTOR SHALL SPRINKLE OR OTHERWISE APPLY WATER TO EXPOSED CONSTRUCTION AREAS TO CONTROL SIGNIFICANT EROSION AND FUGITIVE DUST.
- ALL CLEARING, GRUBBING AND CONSTRUCTION DEBRIS TO BE REMOVED FROM SITE AND PROPERLY DISPOSED.
- THE REMOVAL OF ANY EXISTING STRUCTURES OR STORM SEWERS, HEADWALLS ETC., SHALL BE CONSIDERED INCIDENTAL WORK AND NO ADDITIONAL COMPENSATION SHALL BE MADE FOR THESE ITEMS.
- EXISTING SIGNS IN THE SIDEWALK ALIGNMENT ARE TO BE REMOVED AND REPLACED AT AN APPROVED LOCATION. TEMPORARY SIGNAGE MAY BE REQUIRED PRIOR TO PERMANENT SIGN PLACEMENT.
- IF A CITY OF NORTH PORT-OWNED SIGN IS TO BE REMOVED, COORDINATE RETURNING THE CITY OF NORTH PORT PROPERTY WITH THE PUBLIC WORKS DEPARTMENT AT 941-240-8050.
- ALL SIGNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MUTCD CRITERIA FOR SIGN SIZE, SHAPE, LETTERING DIMENSIONS AND REFLECTIVITY.
- ALL STREET LIGHT SPLICES SHALL BE MADE USING "RAYCHEM GHFC-2" OR APPROVED EQUAL, AND BE LOCATED IN THE PULL BOX.
- THE CONTRACTOR SHALL COORDINATE RELOCATION OF ALL AFFECTED UTILITIES WITH THE APPROPRIATE UTILITY COMPANIES.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES, SHOWN IN PLANS, HAVE BEEN APPROXIMATED AND HAVE NOT BEEN INDEPENDENTLY VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UNDERGROUND UTILITIES. CALL SUNSHINE STATE ONE CALL FLORIDA, INC. ☎ (PHONE NO. 811), 48 HOURS BEFORE YOU DIG.
- IF UTILITY POLES, GUY WIRES, CATV BOXES, COMMUNICATION SPLICE BOXES, OR OTHER UTILITY OBSTRUCTIONS LOCATED IN THE AREA WHERE PARKING IS TO BE CONSTRUCTED, THEN THE ENGINEER SHALL BE NOTIFIED, IF THEY PRESENT UNSUAL PROBLEMS. ALL WATER AND SEWER VALVE BOXES, METER BOXES, BACKFLOW PREVENTERS AND AIR RELEASE VALVES ARE TO BE ADJUSTED TO FINISHED GRADE BY THE CONTRACTOR.
- SOD SHALL BE LAID AT BACK OF CURB, PAVEMENT EDGES, SWALES, INLETS, MITERED ENDWALLS, AND DETENTION AREAS AS SHOWN IN DETAILS OR AS DIRECTED BY THE ENGINEER, AND IN ALL AREAS DISTURBED BY THE WORK THAT IS NOT UNDER THE SIDEWALK
- ALL AREAS DISTURBED BY CONSTRUCTION ARE TO BE SODED WITHIN 7 CALENDAR DAYS TO PREVENT EROSION
- ALL PROPOSED GROUND ELEVATIONS ARE FINISHED SOD ELEVATIONS. FINISH GRADING SHALL BE 0.2 FEET LESS THAN ELEVATIONS SHOWN TO ALLOW FOR THICKNESS OF SOD.
- ALL TYPE B (CONCRETE, BROKEN ASPHALT, ROCKS), TYPE C (VEGETATIVE LAND CLEARING DEBRIS), OR TYPE D (REFUSE, PLASTIC, WOOD, METAL, ETC.) FILLS GENERATED BY THE PROJECT SHALL BE DISPOSED OF AT A PERMITTED LANDFILL OR RECYCLE FACILITY. ALL EXCESS TYPE A (CLEAN EARTHEN MATERIAL) SHALL BE HAULED TO A PERMITTED LANDFILL, CITY OWNED PROPERTY, OR SITE AUTHORIZED UNDER A BUILDING PERMIT, EARTH MOVING PERMIT, OR CONSTRUCTION PLAN APPROVAL TO RECEIVE FILL.
- DURING THE PROJECT, ALL CLEARING AND STOCKPILING OF FILLS SHALL BE CONTAINED WITHIN THE CITY OF NORTH PORT RIGHTS-OF-WAY, OR WITHIN DESIGNATED CONSTRUCTION EASEMENTS. TEMPORARY STOCKPILING OF ANY TYPE A, B, C, OR D FILLS UPON PRIVATE PROPERTIES REQUIRES AUTHORIZATION FROM THE CITY OF NORTH PORT IN THE FORM OF AN EARTH MOVING PERMIT OR TEMPORARY CONSTRUCTION EASEMENT.
- IT IS THE CONTRACTORS RESPONSIBILITY TO BARRICADE AREAS UNDER CONSTRUCTION PURSUANT TO MAINTENANCE OF TRAFFIC PLANS OR AS OTHERWISE APPROVED FOR USE.

GENERAL NOTES (CONTINUED):

- PLEASE NOTE THAT ON PLANS, POSITIVE DRAINAGE SHALL BE PROVIDED FOR ALL ADJACENT PROPERTIES AND MAINTAIN ALL HISTORIC OFFSITE FLOW PATTERNS.
- ALL PARKING STALL PAVEMENT MAKINGS SHALL PER FDOT INDEX 711-001 "PAINTED PAVEMENT MARKING", SEE DETAIL ON SHEET 1.2.
- A TREE PERMIT WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION, NATIVE VEGETATIVE REMOVAL WITHIN THE DRIFLINE OF A TREE, AND/OR TREE REMOVAL.
- ANY WELLS DISCOVERED DURING EXCAVATION, EARTHMOVING OR CONSTRUCTION MUST BE REPORTED TO THE SARASOTA COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH WITHIN 24 HOURS OF DISCOVERY.
- ALL WELLS ON SITE SHALL BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS.
- ALL CONCRETE DRAINAGE STRUCTURES AND PIPES SHALL BE CONSTRUCTED WITH 3,000 PSI CONCRETE.
- ALL DRAINAGE PIPE JOINTS SHALL BE WRAPPED PER FDOT INDEX 280.
- CONSTRUCTED SIDEWALK SHALL BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT AND THE FLORIDA ACCESSIBILITY CODE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AREAS FOR STAGING AND STOCKPILING CONSTRUCTION MATERIALS AND WASTE OVERBURDEN INCLUDING APPROPRIATE EROSION AND SEDIMENTATION CONTROL DEVICES AND BEST MANAGEMENT PRACTICES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER HANDLING AND DISPOSAL OF CONTAMINATED SOILS IN ACCORDANCE WITH ALL STATE AND FEDERAL LAWS.
- THE ONLY ACCEPTABLE METHODS FOR REMOVAL OF PAVEMENT MARKINGS ARE HYDRO-BLASTING OR GRINDING. EXISTING MARKINGS SHALL NO LONGER BE VISIBLE UPON COMPLETION OF THE REMOVAL, AS DEEMED BY THE ASSIGNED THE CITY OF NORTH PORT PROJECT INSPECTOR / ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DEWATERING PERMIT BY SWFMD (IF REQUIRED) AND SHALL ALLOW 45 DAYS FOR APPROVAL PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FOLLOWING ALL PERMIT REQUIREMENTS RELATED TO DEWATERING. ALL WORK PERFORMED, INCLUDING PERMITTING, WILL BE INCIDENTAL TO THE PAYMENT ITEMS OF STANDARD SPECIFICATIONS, SECTION 120, EXCAVATION, EMBANKMENT AND GRADING.
- IF A GOPHER TORTOISE (OR ITS EVIDENCE, SUCH AS BURROWS,...) IS OBSERVED DURING CONSTRUCTION, ALL CLEARING AND EARTHMOVING ON-SITE SHALL CEASE. THE CONTRACTOR SHALL CONSULT WITH THE FWC AND/OR US FISH AND WILDLIFE SERVICE REGARDING NECESSARY PROTECTION MEASURES AND PROVIDE EVIDENCE OF SUCH CONSULTATION TO THE CITY PRIOR TO RESUMING WORK.

PERVIOUS PAVEMENT MAINTENANCE:

- ALL POROUS PAVEMENT SHOULD BE INSPECTED ANNUALLY.
- INSPECTIONS SHOULD BE CONDUCTED AFTER LARGE STORM EVENTS. INSPECTIONS SHOULD CHECK FOR SURFACE PONDING THAT MIGHT INDICATE LOCAL OR WIDESPREAD CLOGGING.
- EVERY WEEK LITTER AND LEAF REMOVAL SHOULD BE CARRIED OUT. INDUSTRIAL AND BACKPACK BLOWERS ARE RECOMMENDED EQUIPMENT FOR THIS TASK.
- THE POROUS PAVEMENT SURFACE SHOULD BE VACUUM SWEEP AT LEAST 2 TIMES PER YEAR. HIGH PRESSURE JET HOISING TO KEEP THE PORES OPEN, SHOULD BE PERFORMED ONE (1) TIME PER YEAR.
- SPOT CLOGGING OF THE POROUS PAVEMENT CAN BE RELIEVED BY DRILLING HALF-INCH HOLES THROUGH THE POROUS PAVEMENT LAYER EVERY FEW FEET. IN CASES WHERE CLOGGING OCCURS IN A LOW SPOT IN THE PAVEMENT, IT MAY BE ADVISABLE TO INSTALL A DROP INLET TO ROOT WATER INTO THE STONE RESERVOIR. POTHOLE AND CRACKS CAN BE REPAIRED USING CONVENTIONAL, NONPOROUS PATCHING MIXES AS LONG AS THE CUMULATIVE AREA REPAIRED DOES NOT EXCEED 10% OF THE PARKING LOT AREA.
- THE DOUBLE-RING INFILTRATOR METHOD CONSISTS OF DRIVING TWO OPEN CYLINDERS, ONE INSIDE THE OTHER, INTO THE GROUND, PARTIALLY FILLING THE RINGS WITH WATER OR OTHER LIQUID, AND THEN MAINTAINING THE LIQUID AT A CONSTANT LEVEL. THE VOLUME OF LIQUID ADDED TO THE INNER RING, TO MAINTAIN THE LIQUID LEVEL CONSTANT IS THE MEASURE OF THE VOLUME OF LIQUID THAT INFILTRATES THE SOIL. THE VOLUME INFILTRATED DURING TIMED INTERVALS IS CONVERTED TO AN INCREMENTAL INFILTRATION VELOCITY, USUALLY EXPRESSED IN CENTIMETERS PER HOUR OR INCH PER HOUR.

THESE CONDITIONS ARE IN ADDITION TO ANY JURISDICTIONAL AGENCY REQUIREMENTS. PLEASE REFER TO THE SPECIFIC AND STANDARD CONDITIONS OF THE SHIFMD PERMIT

HISTORY CENTER NOTES:

- THE FOLLOWING REQUIREMENTS APPLY TO ALL BUILDING CONSTRUCTION OR ALTERATION, OR LAND ALTERATION ACTIVITIES.
- IF EVIDENCE OF THE EXISTENCE OF CULTURAL RESOURCES IS DISCOVERED OR OBSERVED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITIES AFTER FINAL APPROVAL, ALL WORK SHALL CEASE IN THE AREA OF EFFECT AS DETERMINED BY THE DIRECTOR. THE DEVELOPER, OWNER, CONTRACTOR, OR AGENT THEREOF SHALL NOTIFY THE DIRECTOR OF HISTORICAL RESOURCES WITHIN TWO WORKING DAYS. EXAMPLES OF SUCH EVIDENCE MAY INCLUDE WHOLE OR FRAGMENTARY STONE TOOLS, SHELL TOOLS, ADORINAL OR HISTORIC POTTERY, HISTORIC GLASS, HISTORIC BOTTLES, BONE TOOLS, HISTORIC BUILDING FOUNDATIONS, SHELL MOUNDS, SHELL MIDDENS, OR SAND MOUNDS. THE DIRECTOR SHALL ASSESS THE SIGNIFICANCE OF THE FINDS WITHIN THREE WORKING DAYS OF NOTIFICATION AND TO MITIGATE ANY ADVERSE EFFECTS SO AS TO MINIMIZE DELAYS TO DEVELOPMENT ACTIVITIES.
 - IF ANY HUMAN SKELETAL REMAINS OR ASSOCIATED BURIAL ARTIFACTS ARE DISCOVERED AT DEVELOPMENT SITES OR DURING DEVELOPMENT ACTIVITY, ALL WORK IN THAT PARTICULAR AREA MUST CEASE, AND THE PERMITTEE MUST IMMEDIATELY NOTIFY THE NEAREST LAW ENFORCEMENT OFFICE AND NOTIFY THE DIRECTOR OF HISTORICAL RESOURCES WITHIN TWO WORKING DAYS. ACCORDING TO CHAPTER 872, FLORIDA STATUTES, IT IS UNLAWFUL TO DISTURB, VANDALIZE, OR DAMAGE A HUMAN BURIAL..

WATER RESOURCE NOTES:

- EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs) IN ADDITION TO THOSE PRESENTED ON THE PLANS AND OUTLINED IN THE EROSION AND SEDIMENT CONTROL PLAN (ECP) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS, OFF SITE STORMWATER CONVEYANCES OR RECEIVING WATERS, OR ON SITE WETLANDS AND SURFACE WATERS. BMPs SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF-SITE SURFACE WATER QUALITY REMAINS CONSISTENT WITH STATE AND LOCAL REGULATIONS. [THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE.]
- THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(C)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.
- FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATERBODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO PUBLIC WORKS (941) 240-8050. SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.
- IF CONTAMINATED SOIL AND/OR GROUNDWATER IS DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE VICINITY OF THE CONTAMINATION SHALL IMMEDIATELY CEASE, AND PUBLIC WORKS SHALL BE CONTACTED (941) 240.8050.

ABBREVIATIONS:

NOTE: THE PERIOD MAY OR MAY NOT BE SHOWN I.E. ASOP OR A.S.O.P.

ASOP	=	AT	M-EX	=	MATCH EXISTING
ASTM	=	AS SHOWN ON PLANS	MH	=	MANHOLE
BFP	=	AMERICAN STD TESTING AND MATERIAL	MIN	=	MINIMUM
BOSI	=	BACK FLOW PREVENTION DEVICE	N	=	NORTH
CA	=	BACK OF SIDEWALK INLET	No	=	NUMBER
CE	=	CERTIFICATION	NWL	=	NORMAL WATER LINE
CO	=	CENTERLINE	NTS	=	NOT TO SCALE
CONC	=	CLEANOUT	C/C	=	ON CENTER
C&NP	=	CONCRETE	PGL	=	PROFILE GRADE LINE
CR	=	CITY OF NORTH PORT	PREF	=	PREFERRED
CY	=	COUNTY ROAD	PROJ	=	PROJECT
(C)	=	CUBIC YARD	PSI	=	POUNDS PER SQUARE INCH
DBI	=	CALCULATED	PVMT	=	PAVEMENT
DEPT	=	DITCH BOTTOM INLET	R	=	RADIUS
DH/WL	=	DEPARTMENT	RCP	=	REINFORCED CONCRETE PIPE
DIA	=	DESIGN HIGH WATER LINE	REQ'D	=	REQUIRED
DR	=	DIAMETER	R/W	=	RIGHT OF WAY
E	=	DESIGN RATIO	S	=	SOUTH
EA	=	EAST	SCB	=	SIGNAL CONTROL BOX
ESMT	=	EACH	SDR	=	SIZE DESIGN RATIO
EL	=	EASEMENT	SF	=	SILT FENCE
EF	=	ELEVATION	SHLDR	=	SHOULDER
FDC	=	FINISHED FLOOR	SHWT	=	SEASONAL HIGH WATER TABLE
FDOT	=	FIRE DEPARTMENT CONNECTION	SR	=	STATE ROUTE
FL	=	FLORIDA DEPARTMENT OF TRANS	STD	=	STANDARD
FLA	=	FLORIDA	SQ YD	=	SQUARE YARD
FS	=	FLOW LINE	SAW	=	SIDEWALK
FT	=	FLORIDA	TEMP	=	TEMPORARY
FW	=	FOOT/FEET	TCB	=	TRAFFIC CONTROL BOX
GA	=	FIRE MAIN	TK	=	THICK
GB	=	GRADE BREAK	TRANS	=	TRANSPORTATION
HORIZ	=	GRABE	TRNS	=	TRANSITION
HP	=	HORIZONTAL	TRVL	=	TRAVEL
IN	=	HIGH POINT	TW	=	TAIL WATER
INCH	=	INCHES	TYP	=	TYPICAL
INSTAL	=	INSTALLATION	UNK	=	UNKNOWN
INV	=	INVERT	W	=	WEST
LB	=	LAND SURVEYING BUSINESS	WI	=	WITH
LIC	=	LAND SURVEYING BUSINESS	WM	=	WATER MAIN
LF	=	LICENSE	WWF	=	WELDED WIRE FABRIC
M	=	LINEAR FOOT	VAR	=	VARIES
MAX	=	METER	VERT	=	VERTICAL
MES	=	MAXIMUM			
		MITERED END SECTION			

CITY PROJECT NUMBER
N/A

SURVEY ABBREVIATIONS AND LEGEND:

ABBREVIATIONS:

Alum.	=	Arc	(P)	=	Plot Data
Bldg.	=	Aluminum	P.C.	=	Point of Curvature
B.M.	=	Building	P.C.C.	=	Point of Compound Curvature
(C)	=	Bench Mark	P.C.P.	=	Permanent Control Point
C.B.S.	=	Calculated data	P.I.	=	Point of Intersection
(C.M.)	=	Chord dimension	P.K.	=	PARKER-KALON
Conc.	=	Concrete Block and Stucco	P.O.B.	=	Point of Beginning
(C.A.)	=	Concrete Monument	P.O.C.	=	Point of Commencement
D.O.T.	=	Concrete	P.O.L.	=	Point on Line
Drain.	=	Deer data	P.O.T.	=	Point of Terminus
El.	=	Department of Natural Resources	P.R.C.	=	Point of Reverse Curvature
Es'mt	=	Department of Transportation	P.R.M.	=	Permanent Reference Monument
Fin. Fl.	=	Drainage	P.T.	=	Point of Tangency
Fnd.	=	Description data	R.	=	Radius
Inv.	=	Elevation	R/W	=	Right-of-Way
I.P.	=	Easement	S.F.	=	Square Feet
I.R.	=	Finished Floor	Sta.	=	Station
L.B.	=	Found	T.B.M.	=	Temporary Bench Mark
(M)	=	Iron Pipe	Typ.	=	Typical
N.A.V.D.	=	Iron Rod	(U)	=	Unrecorded data
N.G.V.D.	=	Land Surveying Business	U.S.G.S.	=	United States Geodetic Survey
O.R.	=	Measured Data	Util.	=	Utility
		North American Vertical Datum	WTWY	=	Waterway
		National Geodetic Vertical Datum	Δ	=	Delta
		Official Records	⊕	=	Centerline
			⊗	=	Property Line

LEGEND:
Legend symbols are not to scale and are for graphic I.D. only.

■	=	Found 4"x4" Concrete Monument (number noted if any)	⊕	=	Light Pole
⊕	=	Found No. 5 Rebar (I.D. noted if any)	□	=	Street Light Box
▲	=	Found P.K. Nail and Disc (I.D. noted if any)	⊗	=	Ground Light
⊕	=	Spot Elevation	⊞	=	Backflow Preventer
□	=	Set 4"x4" Concrete Monument with Cop L.B. #3943	—//—	=	Overhead Utility Line
○	=	Set No. 5 Rebar with Cop L.B. #3943	—X—X—	=	Barb Wire or Wire Fence
⊕	=	Set Mog. Nail and Disc L.B. #3943	⊞	=	Chain Link Fence
⊕	=	Utility Pole	⊞	=	Wooden Fence
⊕	=	Guy Wire Anchor	—WTR—	=	Buried Water Line
⊕	=	Water Meter	—TEL—	=	Buried Telephone Line
⊕	=	Water Valve	—SEW—	=	Buried Sanitary Sewer
⊕	=	Sewer Valve	—ELEC—	=	Buried Electric Line
⊕	=	Sewer Service	—RW—	=	Buried Reuse Water Line
⊕	=	Fire Hydrant	—GAS—	=	Buried Gas Line
			—SF—	=	Silt Fence

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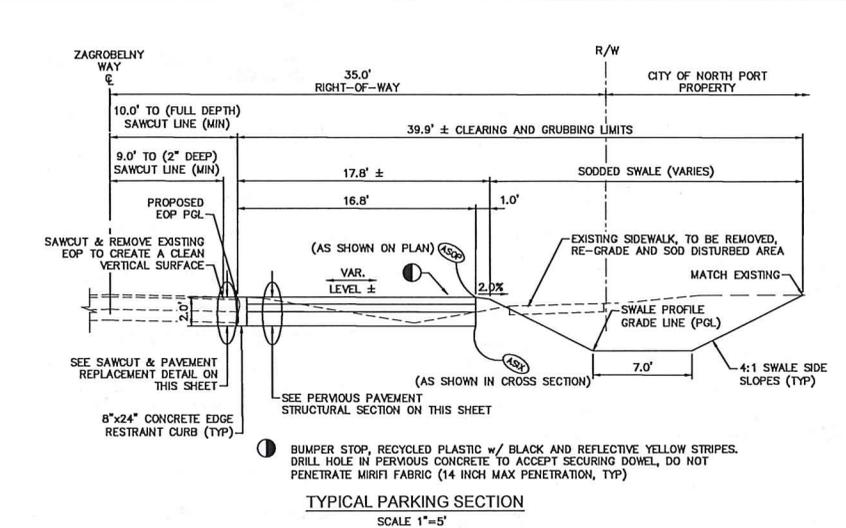
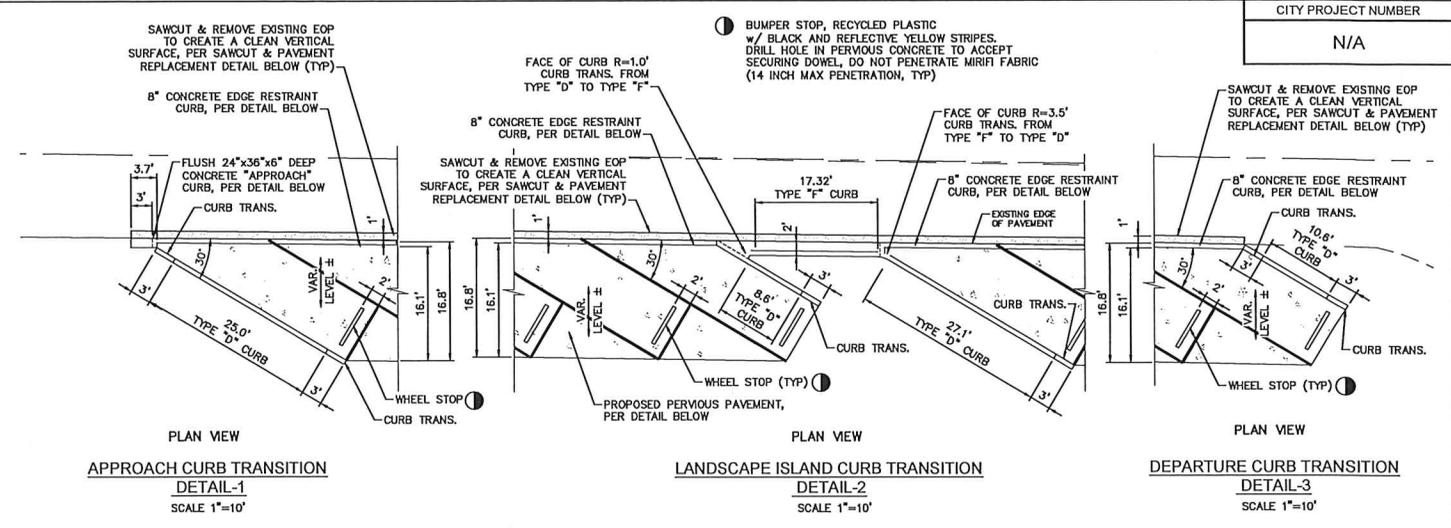
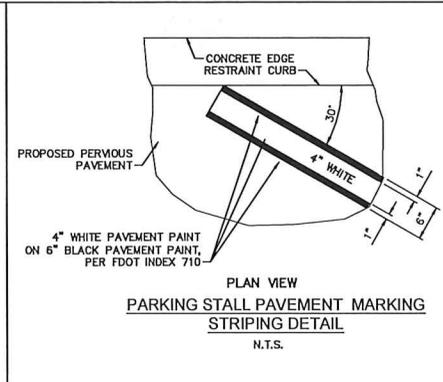
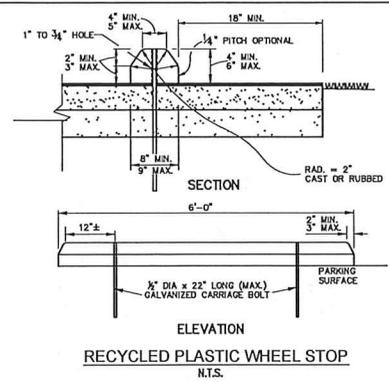


DMK ASSOCIATES
ENGINEERS ■ SURVEYORS
421 Commercial Court, Suite C Venice, Florida 34292
Phone (941)412-1293, Fax (941)412-1043
Certificate of Authorization No. 3943

DATE	8/27/19	CKD BY	DATE
DRAWN RMS	KEM/JKP	04/05/21	
DESIGN MAL	KEM/JKP	04/05/21	
SCALE	@ 22"x34"	DMK No. 15-0194-21	

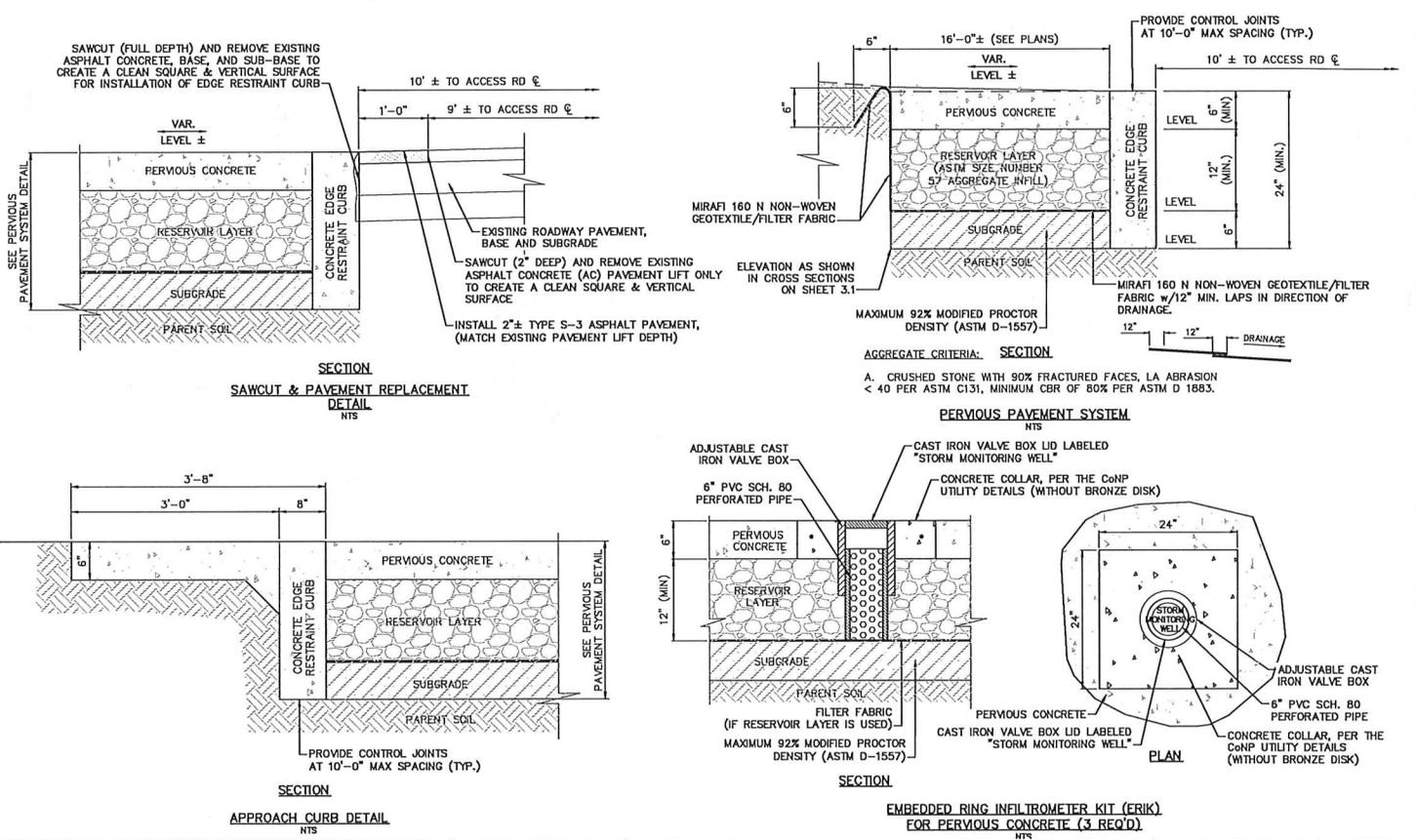
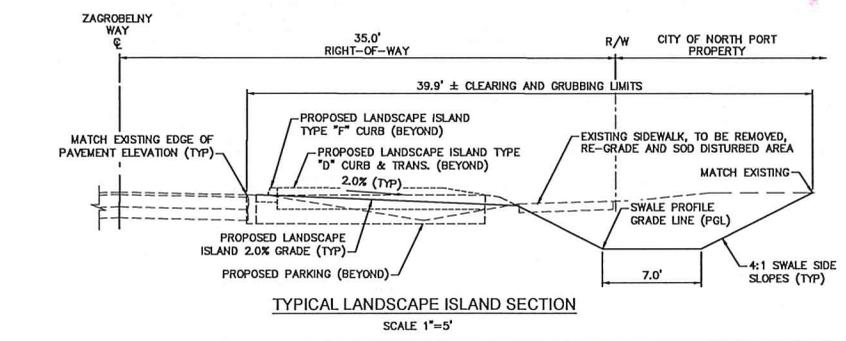
CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
GENERAL NOTES, LEGEND, AND ABBREVIATIONS SHEET

SHEET No.
1.1



CONSTRUCTION CONTROL JOINT NOTES:

- CONTROL JOINTS WILL BE PLACED IN THE CONCRETE EDGE RESTRAINT CURB EVERY 10' PER FDOT STANDARDS.
- CONTROL JOINTS WILL BE PLACED IN THE PERVIOUS PAVEMENT EVERY 20' PER THE NATIONAL READY MIX CONCRETE ASSOCIATION.



Drawing name: F:\Projects\2015\15-0014_North Port EDR Agmt. 2015-3015-0104-21 Tamiami Trail Parking - North Port EDR Agmt. 2015-3015-0104-21 Tamiami Trail Parking - North Port EDR Agmt. 2015-3015-0104-21 Tamiami Trail Parking - North Port EDR Agmt. 2015-3015-0104-21
Date Printed: Mon, 03 Apr 2021 - 12:36pm
Scale: 1"=5'

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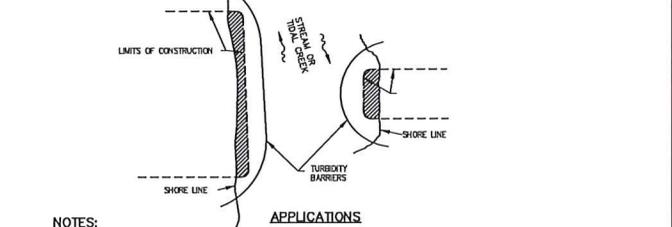
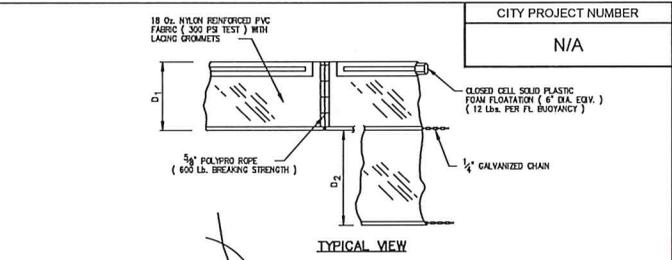
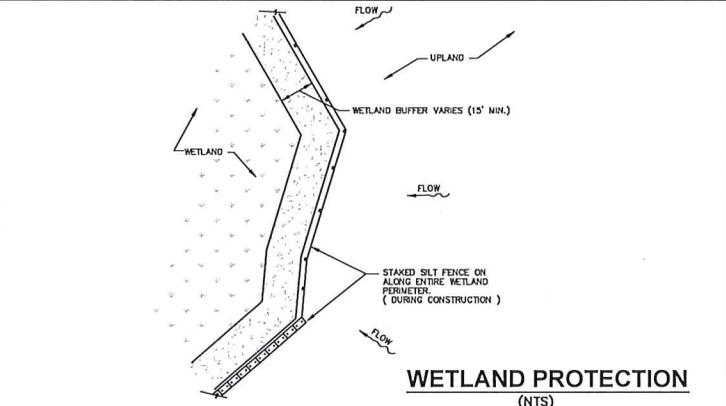
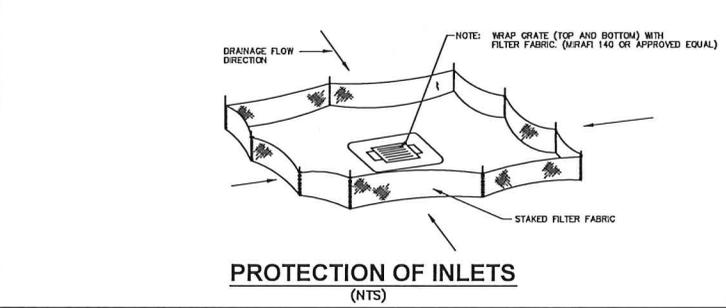
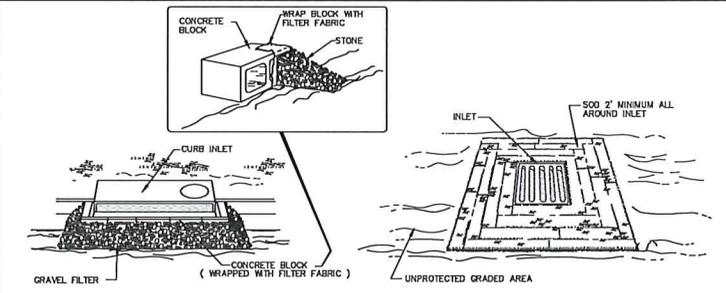
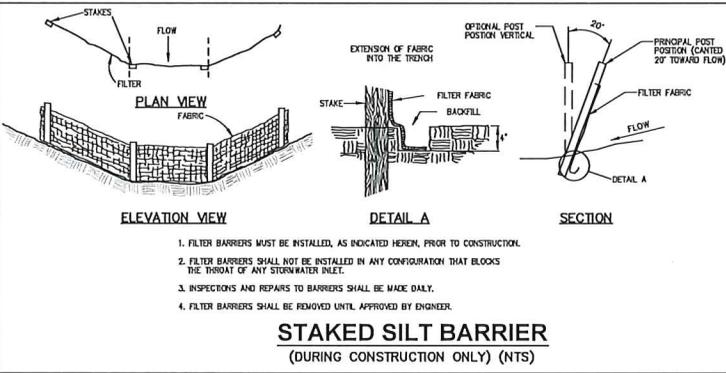
DATE 8/27/19 CKD. BY DATE
DRAWN RMS KEM/JKP 04/05/21
DESIGN MAL KEM/JKP 04/05/21
SCALE @ 22"x34" DMK No. 15-0194-21

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
PROJECT DETAILS AND TYPICAL SECTION SHEET

SHEET No.
1.2

- 1. GENERAL**
THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, TOOLS, MATERIALS AND SERVICES NEEDED TO INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES. THESE MEASURES SHALL CONFORM TO THE PLANS AND SPECIFICATIONS AND ALL APPLICABLE STATE AND LOCAL REQUIREMENTS.
- 2. WETLAND PROTECTION**
IN AREAS OF CONSTRUCTION ADJACENT TO WETLANDS, THE FOLLOWING SHALL BE PERFORMED:
- a) THE ACTUAL WETLAND AND REQUIRED BUFFERS, AS SHOWN ON THE PLANS, MUST BE ESTABLISHED AND ROPED OFF PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY ADJACENT TO SAID AREAS.
 - b) PRIOR TO THE PLACEMENT OF ANY FILL MATERIAL ADJACENT TO WETLANDS OR BUFFER AREAS, A SILTATION BARRIER SHALL BE CONSTRUCTED.
 - c) NO FILL EXTENDING OF THE WETLANDS SHALL BE PERFORMED. WATER LEVELS IN THE WETLANDS SHALL BE MAINTAINED ACCORDING TO LEVELS EXISTING PRIOR TO SITE DISTURBANCE.
 - d) IN AREAS OF WETLANDS IN WHICH WORK IS TO BE PERFORMED, SUCH AREAS MUST BE CLEARLY STAKED AND ROPED OFF. ALONG SUCH LIMITS, A SILTATION BARRIER MUST BE CONSTRUCTED.
 - e) THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF BARRIERS. BARRIERS SHALL REMAIN IN PLACE UNTIL ALL AREAS ARE STABILIZED.
 - f) THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY UPON DISTURBANCE OF WETLAND AREAS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ALL PROTECTED AREAS.
 - g) AREAS WHERE IMPACTS WILL BE PERFORMED SHALL BE STRIPPED OF EXISTING MATERIAL AND STOCKPILED FOR USE IN THE RE-CREATION OF THE DISTURBED AREAS OR IN UTILIZED ZONES.
- 3. EARTH MOVING ACTIVITIES**
- a) THE CONTRACTOR SHALL EXERCISE CARE TO PRESERVE THE NATURAL LANDSCAPE AND SHALL PLAN CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY UNNECESSARY DISTURBANCE, SCARPING, OR DEFACING OF THE NATURAL SURROUNDINGS. EXCEPT WHERE CLEARING IS REQUIRED FOR PERMANENT WORK, FOR APPROVED CONSTRUCTION ROADS, OR FOR EXCAVATION OPERATIONS, ALL TREES, NATIVE SHRUBBERY AND VEGETATION SHALL BE PRESERVED AND SHALL BE PROTECTED FROM DAMAGE WHICH MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS AND EQUIPMENT.
 - b) THE FIRST STAGE OF THE EARTH MOVING ACTIVITY SHALL BE CONFINED TO THE EXCAVATION OF THE STORMWATER FACILITY.
 - c) TOPSOIL SHOULD BE TAKEN FROM THE CONSTRUCTION AREAS AND SHOULD BE STOCKPILED FOR REUSE IN FINISHED GRADING. STOCKPILES SHOULD BE PLACED SO AS NOT TO ADD ANY ADDITIONAL SEDIMENT TO THE CONSTRUCTION. THE STOCKPILES SHOULD BE MULCHED AND/OR SEEDED IMMEDIATELY AFTER THIRTY (30) DAYS.
 - d) GRADED AREAS ARE TO BE SEEDED AND/OR SOODED WITHIN THIRTY (30) DAYS FOLLOWING EARTH MOVING PROCEDURES. IF THE TIME OF YEAR IS NOT CONDUVIVE FOR PERMANENT SEEDING, A TEMPORARY MULCH AND/OR SEEDING SHOULD BE USED.
 - e) TEMPORARY DIVERSION BERMS AND/OR BARRIERS SHALL BE REMOVED ONLY AFTER THE CONSTRUCTION OF THOSE AREAS DIRECTED TO THE BERMS AND/OR BARRIERS HAVE BEEN COMPLETED.
 - f) THE SILT COLLECTION PONDS SHOULD BE REMOVED AND/OR REGRADED FOR PERMANENT USE, AS THE FINAL GRADING AND SEEDING OVERLAP THE AREA USED BY SAME.
- 4. FILLS**
- a) LAND TO BE CUT OR FILLED SHOULD BE CLEARED OF TREES, STUMPS, ROOTS, BRUSH, BOULDERS, SOIL AND DEBRIS.
 - b) FILL AREAS SHOULD BE SCARPED, KEED AND DRAINED.
 - c) FILL MATERIAL SHOULD BE FREE OF SOIL, ROOTS, OR OTHER DECOMPOSABLE MATERIAL.
 - d) THE PLACING AND SPREADING OF FILL MATERIAL SHOULD BE STARTED AT THE LOWEST POINT.
 - e) GENERALLY, A 1:6 SLOPE SHOULD BE USED UNLESS SPECIFIC ENGINEERING DATA SHOWS A STEEPER SLOPE IS STABLE. SLOPES OF 1:4 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND MAINTENANCE.
 - f) FILLS SHOULD BE SEEDED AND/OR MULCHED IMMEDIATELY UPON COMPLETION OF EARTH PLACEMENT.
 - g) WATER MANAGEMENT SYSTEMS SHOULD BE PROVIDED TO PREVENT WATER CONCENTRATION AND ERODING THE FACE OF THE SLOPE. KEEP SURFACE WATER OFF THE FACE OF THE SLOPE.
- 5. CUTS**
- a) DIVERSIONS SHOULD BE CONSTRUCTED AT TOP OF THE SLOPES PRIOR TO CUTTING OPERATIONS TO CONVEY WATER FROM FACE OF SLOPE.
 - b) STEEPNESS OF CUTS WILL DEPEND ON SOIL TYPE AND DESIGN; HOWEVER, OUT SLOPES OF 1:4 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND STABILITY.
 - c) CUT SLOPES SHOULD BE BENEVOLED TO PROVIDE ACCESS FOR SEEDING AND MULCHING EQUIPMENT.
 - d) OUT SLOPES SHOULD BE SEEDED AND/OR MULCHED IMMEDIATELY AFTER REMOVAL OF EARTH.
- 6. TEMPORARY SEDIMENT BASIN AND PERMANENT STORMWATER BASINS**
- a) SITE PREPARATION
AREAS UNDER THE EMBANKMENT AND ANY STRUCTURAL WORKS SHALL BE CLEARED, CRUMBED AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER SELECTABLE MATERIALS IN ORDER TO FACILITATE CLEAN-OUT AND RESTORATION. THE POOL AREA (MEASURED AT THE TOP OF THE SPILLWAY) WILL BE CLEARED OF ALL BRUSH AND TREES.
- b) CUT-OFF TRENCH
A CUT-OFF TRENCH, WHEN POOL DEPTHS ARE IN EXCESS OF THREE FEET, SHALL BE EXCAVATED ALONG THE CONTINUING OF EARTH FILL EMBANKMENTS. THE MINIMUM DEPTH SHALL BE TWO FEET. THE CUT-OFF TRENCH SHALL EXTEND UP BOTH ADJUTMENTS TO THE RISER GREST ELEVATION. THE MINIMUM BOTTOM DEPTH SHALL BE FOUR FEET BUT WIDE ENOUGH TO PERMIT OPERATION OF EXCAVATION AND COMPACTOR EQUIPMENT. THE SLOPE SHALL BE NO STEEPER THAN 1:1. COMPACTION REQUIREMENTS SHALL BE THE SAME AS THOSE FOR THE EMBANKMENT. THE TRENCH SHALL BE DEMATERIALIZED DURING THE BACKFILLING-COMPACTING OPERATIONS.
- c) EMBANKMENT
THE FILL MATERIAL SHALL BE TAKEN FROM APPROVED BORROW AREAS. IT SHALL BE CLEAN SOIL FREE OF ROOTS, WOODY VEGETATIONS, OVER-SIZED STONES, ROCKS OR OTHER OBJECTIONABLE MATERIAL. AREAS ON WHICH FILL IS TO BE PLACED SHALL BE SCARPED PRIOR TO PLACEMENT OF FILL. FILL MATERIAL SHALL BE PLACED IN SIX TO EIGHT INCHES THICK CONTINUOUS LAYERS OVER THE ENTIRE LENGTH OF THE FILL. COMPACTION SHALL BE OBTAINED BY ROUTING HAULING EQUIPMENT OVER THE FILL SO THAT THE ENTIRE SURFACE OF EACH LAYER OF THE FILL IS TRANSVERSED BY AT LEAST ONE WHEEL OF TREAD TRUCK OF THE EQUIPMENT OR BY THE USE OF A COMPACTOR. THE EMBANKMENT SHALL BE CONSTRUCTED TO AN ELEVATION OF ONE HIGHER THAN THE DESIGN HEIGHT TO ALLOW FOR SETTLEMENT IF COMPACTION IS OBTAINED WITH HAULING EQUIPMENT. IF COMPACTORS ARE USED FOR COMPACTION, THE OVERBUILD MAY BE REDUCED TO NOT LESS THAN SIX.
- d) PIPE SPILLWAYS
THE RISER SHALL BE SECURELY ATTACHED TO THE BARREL OF THE OUTFALL PIPE. THE BARREL AND RISER SHALL BE PLACED ON A FIRM, SMOOTH SOIL FOUNDATION. THE CONNECTION BETWEEN THE RISER AND RISER BASE SHALL BE WATERIGHT. THE FILL MATERIAL AROUND THE PIPE SPILLWAY SHALL BE PLACED IN FOUR INCH LAYERS AND COMPACTED UNDER THE SHOULDER AND AROUND THE PIPE TO AT LEAST THE SAME DENSITY AS THE ADJACENT EMBANKMENT. HAND COMPACTED BACKFILL SHALL BE PLACED OVER THE PIPE SPILLWAY BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT.
- e) EROSION POLLUTION CONTROL
CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MINIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEMENT SHALL BE COMPLIED WITH.

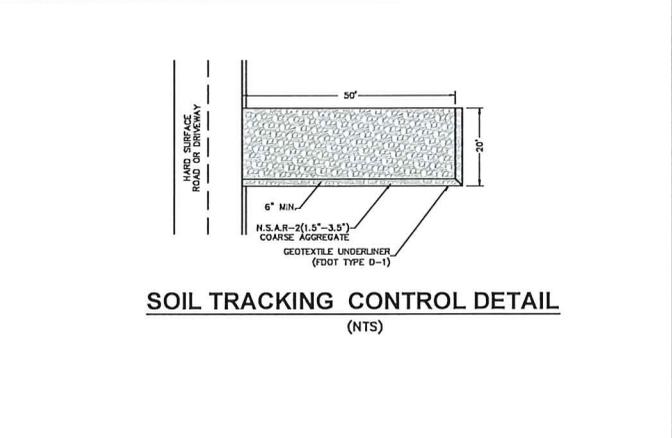
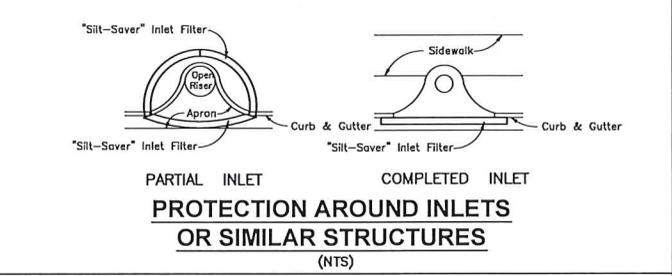
- 7. MAINTENANCE**
- a) REPAIR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION EQUIPMENT AT OR BEFORE THE END OF EACH WORK DAY.
 - b) SEDIMENT SHALL BE REMOVED FROM SWAMP AREAS. THE SEDIMENT SHALL BE PLACED IN SUCH A MANNER THAT IT WILL NOT ERODE FROM THE SITE. THE SEDIMENT SHALL NOT BE DEPOSITED DOWNSTREAM FROM THE EMBANKMENT OR IN OR ADJACENT TO A STREAM OR FLOOD FLAT.
 - c) AFTER CONSTRUCTION IS COMPLETED AND AREAS ARE SEEDED AND/OR SOODED, MAINTENANCE IS LIMITED TO VISUAL INSPECTIONS ON A ROUTINE BASIS. ANY DAMAGE TO THE BERM SHALL BE REPAIRED AT ONCE AND RE-SOODED AND/OR RE-SEED. IF THE LEVEL OF WATER IS BEING MAINTAINED OVER THE EXPECTED DRAIN DOWN TIME, THE OUTFALL SYSTEM SHALL BE CLEANED AND PRACTICED.
- 8. BEST MANAGEMENT PRACTICES**
DEWATERING WILL OCCUR, AS REQUIRED, FOR ALL EXCAVATION ACTIVITY INCLUDING, BUT NOT LIMITED TO STORM SEWERS, SANITARY SEWERS, WATER & SEWER LINES AND STORMWATER PONDS.
- ALL DEWATERING EFFLUENT SHALL BE ROUTED TO THE TEMPORARY SEDIMENT SWAMP PRIOR TO DISCHARGE TO THE WETLANDS OR OFFSITE. THE GENERAL PROCESS OF THE DEWATERING SYSTEM SHALL BE ADHERED TO DURING CONSTRUCTION, ALTHOUGH THE ACTUAL LAYOUT OF THE SYSTEM SHALL BE CONSTRUCTED AS DICTATED BY FIELD CONDITIONS.
- IF THE DEWATERING SYSTEM USES A PUMP AND PIPING, IT MUST BE LESS THAN 6 INCHES IN DIAMETER AND OPERATE LESS THAN A TOTAL SIX MONTHS. ANY DEVIATION FROM THIS REQUIREMENT SHALL REQUIRE A WATER USE PERMIT. THE COST OF A WATER USE PERMIT AND ASSOCIATED MATERIAL SHALL BE BORNE BY THE CONTRACTOR.
- ALL SILTATION AND EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED AT A MINIMUM OF ONCE PER WEEK OR AFTER ANY 1/2" OR GREATER RAINFALL EVENT. THE CONTRACTOR SHALL MAINTAIN RECORDS OF ALL MAINTENANCE AND INSPECTIONS UNTIL CONSTRUCTION IS COMPLETED.
- LAY SOO AROUND ALL INLETS, MITERED END WALLS HEADWALLS, SWALES, POND SLOPES, AND A THREE FOOT (3') WIDE STRIP ADJACENT TO EDGE OF PAVEMENT OR AS DIRECTED BY THE ENGINEER AS SOON AS PRACTICAL TO PREVENT EROSION. ALL DISTURBED AREAS TO BE SOODED OR SEEDING AS SOON AS PRACTICAL TO PREVENT EROSION.
- THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS AND CONDITIONS OF SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (S.W.F.W.M.D.) PERMIT AND HAVE A COPY ON SITE.
- SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SILTATION CONTROL BARRIER SHALL BE IMMEDIATELY REMOVED AND PLACED IN UPLAND AREAS.
- CONTRACTOR SHALL SPRINKLE OR OTHERWISE APPLY WATER TO AFFECTED AREAS TO CONTROL BOTH SIGNIFICANT WIND EROSION AND FUGITIVE DUST.
- THE CONTRACTOR SHALL DIRECT ONSITE RUNOFF TO THE STORMWATER SYSTEM DURING CONSTRUCTION.
- THE CONTRACTOR SHALL EMPLOY EROSION/SEDIMENT PREVENTION MEASURES, AS STATED WITHIN THE "BEST MANAGEMENT PRACTICES SPECIFICATIONS AND DETAILS". FOR THE DURATION OF CONSTRUCTION.
- ALL DISTURBED AREAS SHALL BE SOODED AS SOON AS PRACTICAL TO PREVENT EROSION. SOODEING IS TO BE MAINTAINED, INCLUDING SLOPES, UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED, WHICHEVER COMES LAST. UNTIL THEN, ALL EROSION, SILTATION, AND MAINTENANCE OF GRADES AND GRASS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL PROVISIONS FOR EROSION CONTROL SHALL BE ADHERED TO.
- THE CONTRACTOR SHALL ADJUST OR MOOVE ALL UTILITY COVERS AS REQUIRED BY CONSTRUCTION (DEPICTED WITHIN THESE PLANS). THESE SHALL INCLUDE, BUT NOT BE LIMITED TO MANHOLE RIMS, HAND HOLES, VALVE BOXES, ET. UTILITY COVERS SHALL BE FLUSH WITH THE FINISHED PAVEMENT GRADE.
- CITY OF NORTH PORT REQUIRED NOTES:**
1. TURBIDITY SHALL BE LIMITED IN DISCHARGE TO NO MORE THAN 29 NTU ABOVE BACKGROUND LEVEL.
 2. ALL BMPs MUST BE INSPECTED WEEKLY OR AFTER EVERY 0.5-INCH OF RAINFALL EVENT AND ALL INSPECTION REPORTS MUST BE AVAILABLE FOR INSPECTION ON SITE.
 3. CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBED VEGETATION AS NATURAL VEGETATION IS A GOOD BEST MANAGEMENT PLAN THAT REDUCES TURBIDITY.
 4. CONTRACTOR SHALL PROVIDE A COPY OF THE RESPONSE LETTER FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION APPROVING THE NOTICE OF INTENT (NOI) TO USE THE CONSTRUCTION GENERAL PERMIT (CGP). THESE DOCUMENTS WILL BE REQUIRED AT THE PRE-CONSTRUCTION MEETING.
 5. THE CONTRACTOR WILL BE REQUIRED TO FILE THE FINAL NOTICE OF INTENT (NOI) FOR CONSTRUCTION GENERAL PERMIT AND A NOTICE OF TERMINATION (NOT) DEPARTMENT OF ENVIRONMENTAL PROTECTION WITHIN 14 DAYS OF CONSTRUCTION COMPLETION.
 6. HAY BALES MUST BE FROM A SOURCE THAT IS USDA CERTIFIED TO BE FREE OF INVASIVE PLANTS AND SEEDS.



NOTES:

1. D = 1" STANDARD (SINGLE PANEL FOR DEPTH 6" OR LESS) B = 5" STANDARD (ADDITIONAL PANEL FOR DEPTHS 6")
2. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT BODIES OF WATER REGARDLESS OF WATER DEPTH WHEN ADJACENT TO CONSTRUCTION ACTIVITIES.
3. NUMBER AND SPACING OF ANCHORS DEPENDENT ON WATER VELOCITIES.
4. BARRIERS TO REMAIN IN PLACE UNTIL APPROVED FOR REMOVAL BY ENGINEER.

APPLICATIONS



Drawing name: F:\Projects\2021\15-0184-North Port CD# Approval\2021-08\15-0184-21-Tomball Toll Parking - North Port\15-0184-21-CDDC-ENG Tab: 1.3 Date Printed: Mon, 03 Apr 2021 11:23:46am

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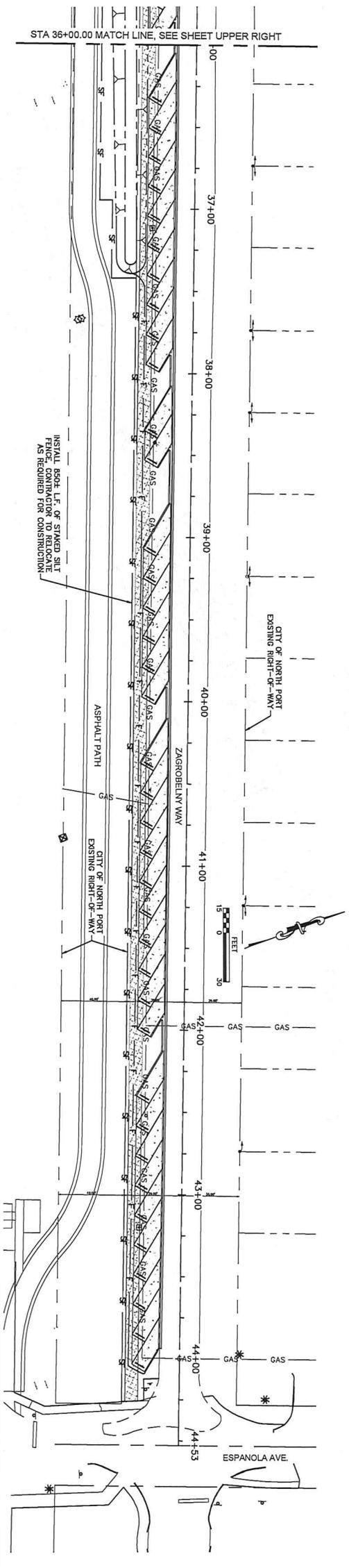
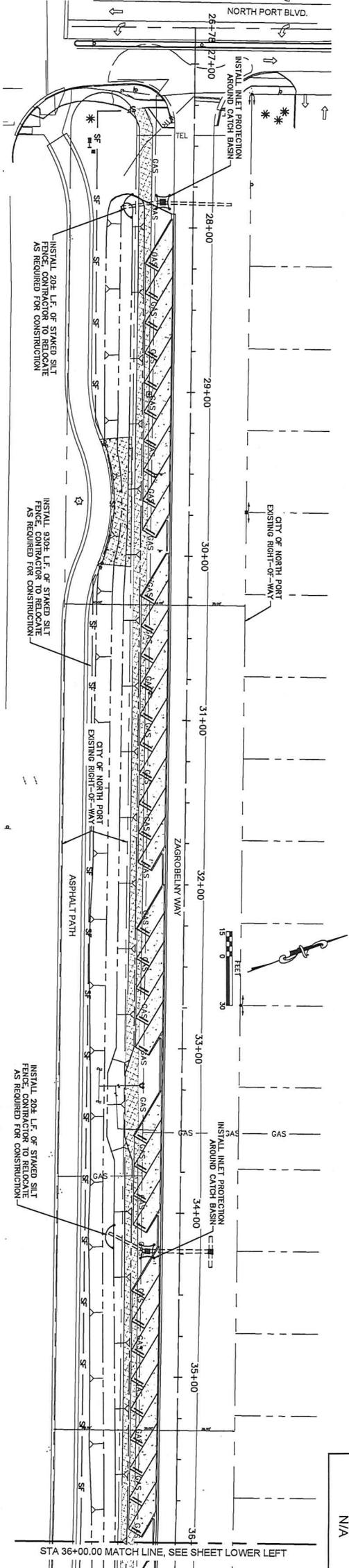


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ENGINEERS ■ SURVEYORS
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Phone (941)412-1293, Fax (941)412-1043
Certificate of Authorization No. 3943

DATE	8/27/19	CKD BY	DATE
DRAWN	RMS	KEM/JKP	04/05/21
DESIGN	MAL	KEM/JKP	04/05/21
SCALE	@ 22'x34"	DMK NO. 15-0194-21	

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
BEST MANAGEMENT PRACTICES NOTES AND DETAIL SHEET

SHEET No.
1.3



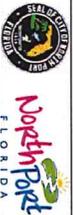
CITY OF NORTH PORT REQUIRED NOTES:

1. ALL UTILITIES SHALL BE IDENTIFIED AND MARKED TO NO MORE THAN 20 FTDS ABOVE BACKGROUND LEVEL.
2. ALL UTILITIES MUST BE INSPECTED WEEKLY OR AFTER EVERY 0.5-INCH OF RAINFALL EVENT AND ALL INSPECTION REPORTS MUST BE AVAILABLE FOR INSPECTION ON SITE.
3. CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBED VEGETATION AS NATURAL VEGETATION IS A GOOD BEST MANAGEMENT PLAN THAT REDUCES TOURISM.
4. CONTRACTOR SHALL PROVIDE A COPY OF THE RESPONSE LETTER FROM THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) FOR THE CONSTRUCTION GENERAL PERMIT (CGP) THESE DOCUMENTS WILL BE REQUIRED AT THE PRE-CONSTRUCTION MEETING.
5. THE CONTRACTOR WILL BE REQUIRED TO FILE THE FURP NOTICE OF INTENT (NOI) FOR CONSTRUCTION GENERAL PERMIT (CGP) WITH THE DEPARTMENT OF ENVIRONMENTAL PROTECTION WITHIN 14 DAYS OF CONSTRUCTION COMPLETION.
6. HAY BALES MUST BE FREE OF INVASIVE PLANTS AND SEEDS.

SILT FENCE INSTALLATION NOTES:

1. LOCATION OF SILT SCREEN FENCE IS SCHEMATIC AND NOT TO BE USED FOR STAKE OUT PURPOSES.
2. CONTRACTOR SHALL ADJUST SILT FENCE LOCATION TO ACCOMMODATE CONSTRUCTION ACTIVITIES AS REQUIRED PER DETAILS ON SHEET 1.3

KEEG E. MARSH STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 45766
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 ON APR 5 2021 USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS
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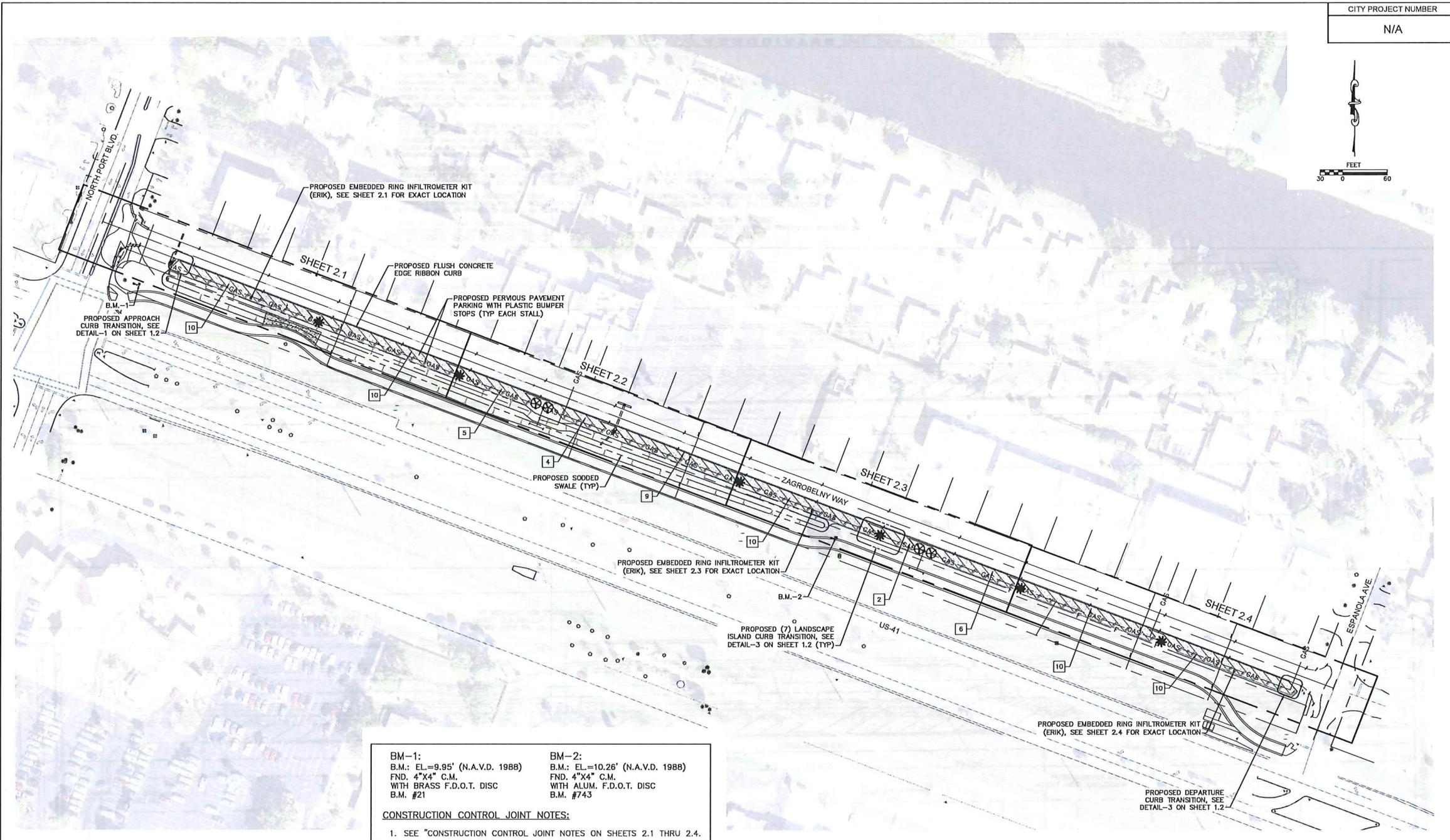
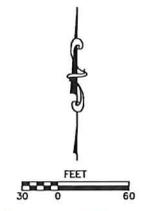
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 ENGINEERS & SURVEYORS
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DATE	BY	CHK. BY	DATE
DRAWN	RMS	REWL/JP	04/05/21
DESIGN	MAL	REWL/JP	04/05/21
SCALE	@ 22x34"	DMK No.	15-0194-21

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
 BEST MANAGEMENT PRACTICES PLAN

SHEET No.
1.4

CITY PROJECT NUMBER
 N/A



BM-1:
 B.M.: EL=9.95' (N.A.V.D. 1988)
 FND. 4"X4" C.M.
 WITH BRASS F.D.O.T. DISC
 B.M. #21

BM-2:
 B.M.: EL=10.26' (N.A.V.D. 1988)
 FND. 4"X4" C.M.
 WITH ALUM. F.D.O.T. DISC
 B.M. #743

CONSTRUCTION CONTROL JOINT NOTES:
 1. SEE "CONSTRUCTION CONTROL JOINT NOTES ON SHEETS 2.1 THRU 2.4."

Drawing name: F:\Projects\2015\15-0104-North Port Cor. Agrmtl. 2015-30\15-0104-21-Tamiami Trail Parking - North\Map\15-0104-21-PRV-PAC-PLAN.dwg Tab: 2.0 Date Plotted: Mon, 05 Apr 2021 - 12:38pm

KREG E. MAHEU STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENCE NO. 45766;
 THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY KREG E. MAHEU, P.E.
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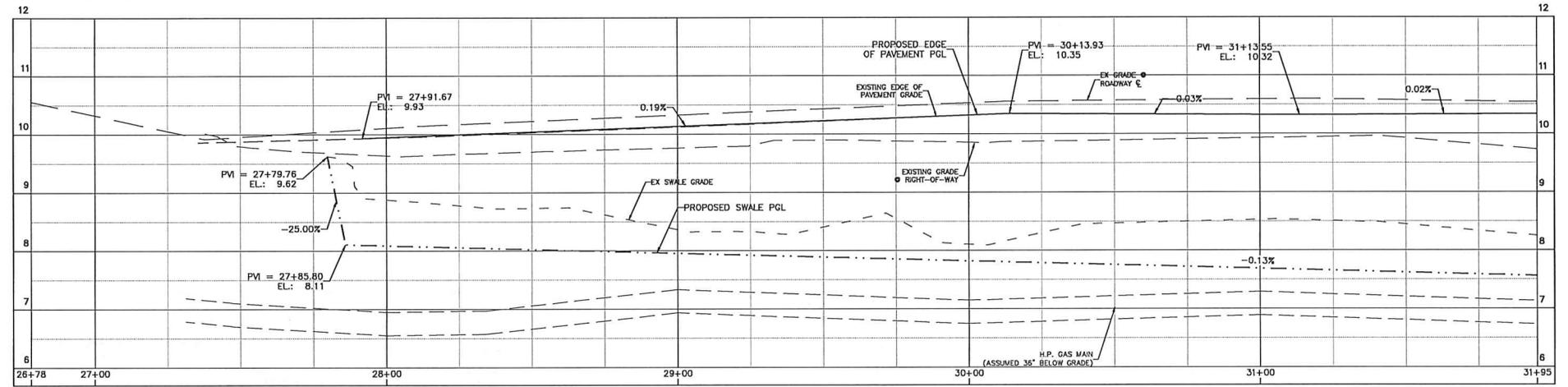
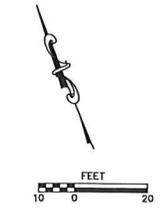
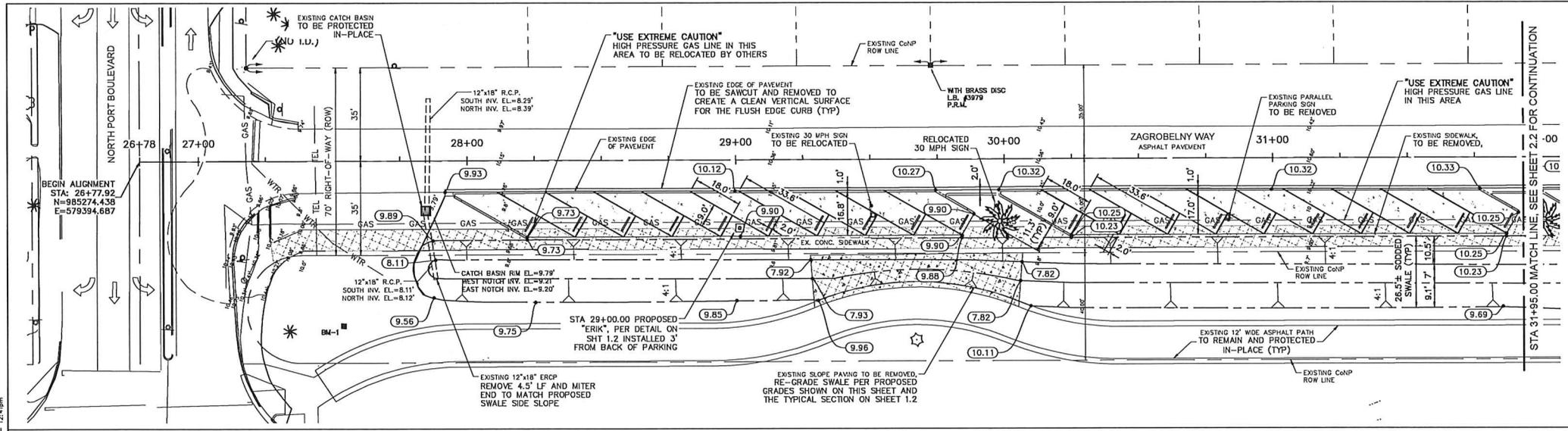


DMK ASSOCIATES
 ENGINEERS & SURVEYORS
 421 Commercial Court, Suite C Venice, Florida 34292
 Phone (941)412-1293, Fax (941)412-1043
 Certificate of Authorization No. 3943

DATE	8/27/19	CKD. BY	DATE
DRAWN	RMS	KEM/JKP	04/05/21
DESIGN	MAL	KEM/JKP	04/05/21
SCALE	@ 22"x34"	DMK No. 15-0194-21	

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
 KEY MAP, MASTER IMPROVEMENT PLAN
 AND AERIAL PHOTO SHEET

SHEET No.
2.0



CONSTRUCTION CONTROL JOINT NOTES:

- CONTROL JOINTS WILL BE PLACED IN THE CONCRETE EDGE RESTRAINT CURB EVERY 10' PER FDOT STANDARDS.
- CONTROL JOINTS WILL BE PLACED IN THE PERVIOUS PAVEMENT EVERY 20' PER THE NATIONAL READY MIX CONCRETE ASSOCIATION.

BEST MANAGEMENT PRACTICES NOTE:

- THE CONTRACTOR SHALL INSTALL SILT FENCE AND INLET PROTECTION PER LOCATIONS AND NOTES AS SHOWN ON SHEET 1.4 PRIOR TO ANY CONSTRUCTION ACTIVITIES.

VALVE NOTE:

- THE CONTRACTOR SHALL ADJUST ALL EXISTING WATER VALVES TO NEW FINISHED GRADES.

ZAGROBELNY WAY-CL
STA. 26+78 TO STA. 31+95
SCALE: H:1"=40'; V:1"=2'
(20:1 VERTICAL EXAGGERATION)

TREE LEGEND

- PROPOSED GEIGER TREE, PLANTED 10' (MIN) FROM BACK OF PROPOSED CURB (TYP).
- PROPOSED SYLVESTER PALM TREE (7'-8')

BM-1:
B.M.: EL.=9.95' (N.A.V.D. 1988)
FND. 4"x4" C.M.
WITH BRASS F.D.O.T. DISC
B.M. #21

BM-2:
B.M.: EL.=10.26' (N.A.V.D. 1988)
FND. 4"x4" C.M.
WITH ALUM. F.D.O.T. DISC
B.M. #743

SEE SHEET 2.0 FOR BENCH MARK LOCATIONS

Drawing name: F:\Projects\2015\15-0164 North Port EBR Appmt. 2015-30\15-0164-21 Tamiami Trail Parking - North\Draw\15-0164-21-EBR-PAN-C-36-Midway Tab. 2.1 Date Printed: Mon, 05 Apr 2021 12:47pm

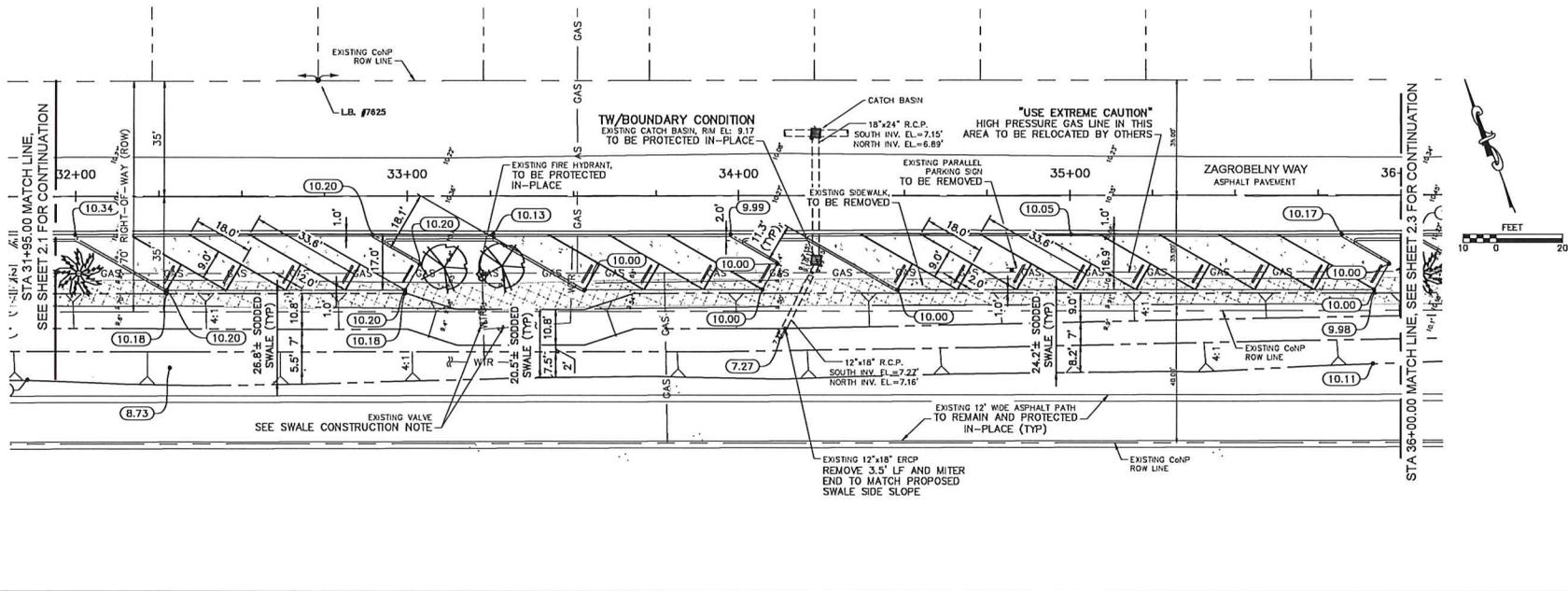
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DATE	8/27/19	CKD. BY	DATE
DRAWN	RMS	KEM/JKP	04/05/21
DESIGN	MAL	KEM/JKP	04/05/21
SCALE	@ 22"x34"	DMK No. 15-0194-21	

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
PROPOSED PARKING PLAN AND PROFILE SHEET



BM-1:
B.M.: EL.=9.95' (N.A.V.D. 1988)
FND. 4"X4" C.M.
WITH BRASS F.D.O.T. DISC
B.M. #21

BM-2:
B.M.: EL.=10.26' (N.A.V.D. 1988)
FND. 4"X4" C.M.
WITH ALUM. F.D.O.T. DISC
B.M. #743

SEE SHEET 2.0 FOR BENCH MARK LOCATIONS

CONSTRUCTION CONTROL JOINT NOTES:

- CONTROL JOINTS WILL BE PLACED IN THE CONCRETE EDGE RESTRAINT CURB EVERY 10' PER FOOT STANDARDS.
- CONTROL JOINTS WILL BE PLACED IN THE PERVIOUS PAVEMENT EVERY 20' PER THE NATIONAL READY MIX CONCRETE ASSOCIATION.

BEST MANAGEMENT PRACTICES NOTE:

- THE CONTRACTOR SHALL INSTALL SILT FENCE AND INLET PROTECTION PER LOCATIONS AND NOTES AS SHOWN ON SHEET 1.4 PRIOR TO ANY CONSTRUCTION ACTIVITIES.

VALVE NOTE:

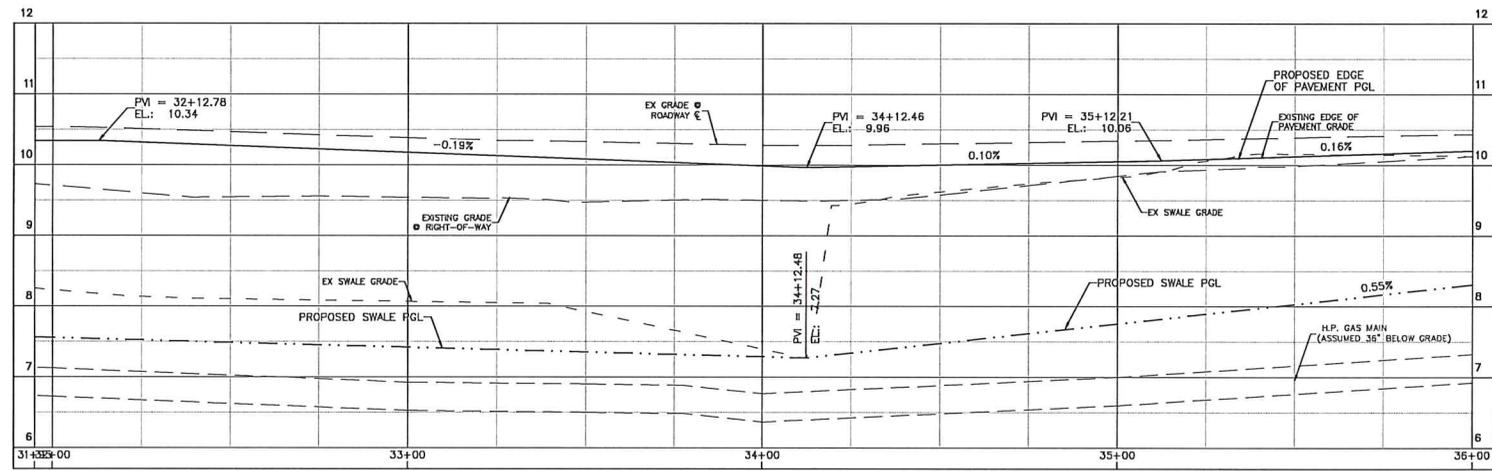
- THE CONTRACTOR SHALL ADJUST ALL EXISTING WATER VALVES TO NEW FINISHED GRADES.

SWALE NOTE:

- CONTRACTOR SHALL CONSTRUCT SWALE TO AVOID ADJUSTMENT TO GATE VALVES. CONTRACTOR SHALL POT HOLE AND VERIFY LOCATION OF POTABLE WATER CROSSING PRIOR TO EXCAVATION OF SWALE.

TREE LEGEND

- PROPOSED GEIGER TREE, PLANTED 10' (MIN) FROM BACK OF PROPOSED CURB (TYP).
- PROPOSED SYLVESTER PALM TREE (7'-8')



ZAGROBELNY WAY-CL
STA. 31+95 TO STA. 36+00
SCALE: H:1"=40'; V:1"=2'
(20:1 VERTICAL EXAGGERATION)

Drawing name: F:\Projects\2021\15-0194-North Port CDK Agmtl 2015-30\15-0194-21-Tamiami Trail Parking - North\Map\15-0194-21-FERVO-PAVE-PLAN.dwg Tab: 2.2 Date Plotted: Max, 05 Apr 2021 - 12:43pm

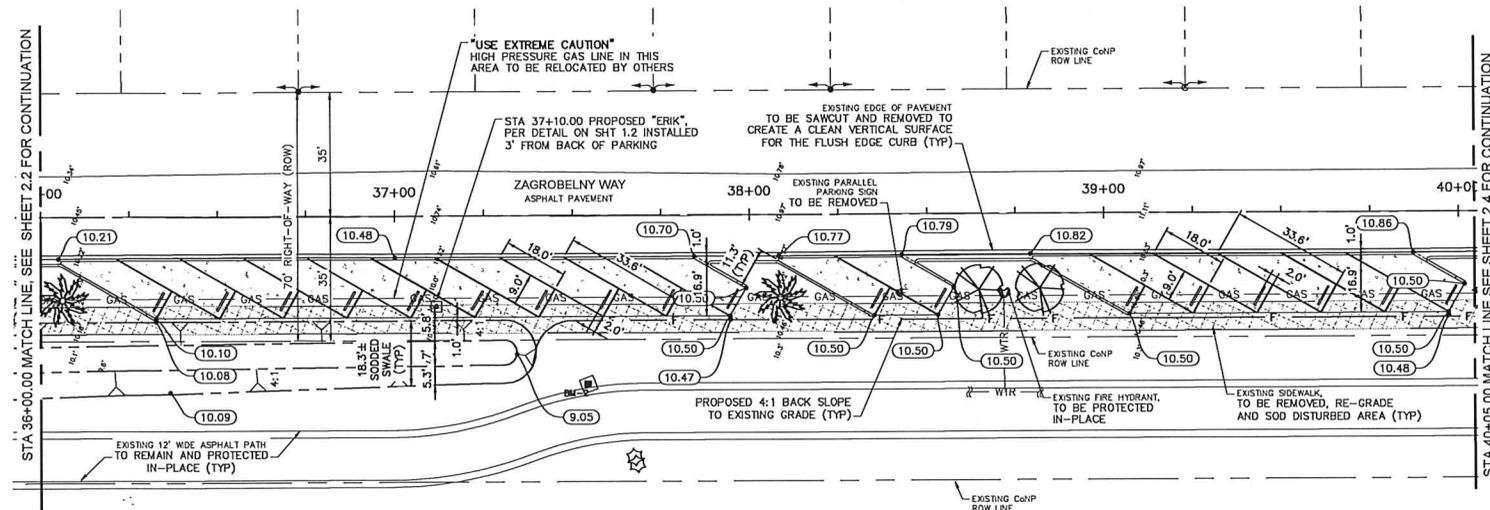
KREG E. MAHEU STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENCE NO. 45766;
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DATE	8/27/19	CKD BY	DATE
DRAWN RMS	KEM/JKP	04/05/21	
DESIGN MAL	KEM/JKP	04/05/21	
SCALE	@ 22'x34"	DMK No. 15-0194-21	

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
PROPOSED PARKING PLAN AND PROFILE SHEET



BM-1:
 B.M.: EL.=9.95' (N.A.V.D. 1988)
 FND. 4"x4" C.M.
 WITH BRASS F.D.O.T. DISC
 B.M. #21

BM-2:
 B.M.: EL.=10.26' (N.A.V.D. 1988)
 FND. 4"x4" C.M.
 WITH ALUM. F.D.O.T. DISC
 B.M. #743

SEE SHEET 2.0 FOR BENCH MARK LOCATIONS

CONSTRUCTION CONTROL JOINT NOTES:

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- CONTROL JOINTS WILL BE PLACED IN THE PERVIOUS PAVEMENT EVERY 20' PER THE NATIONAL READY MIX CONCRETE ASSOCIATION.

BEST MANAGEMENT PRACTICES NOTE:

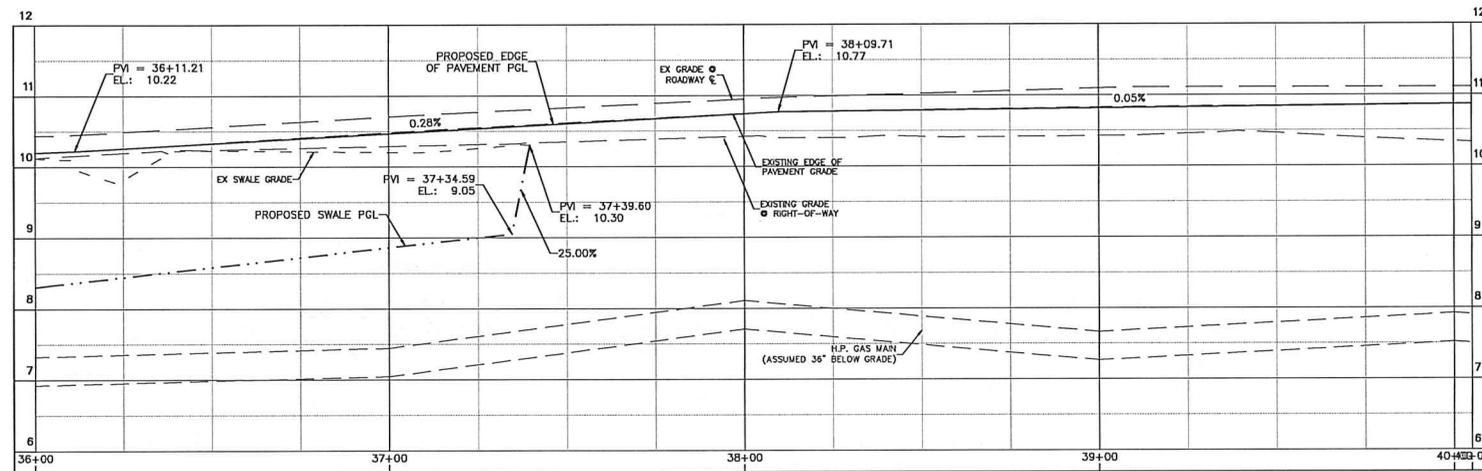
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VALVE NOTE:

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TREE LEGEND:

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- PROPOSED SYLVESTER PALM TREE (7'-8')



ZAGROBELNY WAY—CL
 STA. 36+00 TO STA. 40+05
 SCALE: H:1"=40'; V:1"=2'
 (20:1 VERTICAL EXAGGERATION)

Drawing name: F:\Projects\2021\15-0184 North Port EDR Appmt. 2015-2016\15-0184-21-Tamiami Trail Parking - North Port\15-0184-21-PEV-PAVC-PLAN.dwg Tab: 2.3 Date Printed: Mon, 05 Apr 2021 - 12:49pm

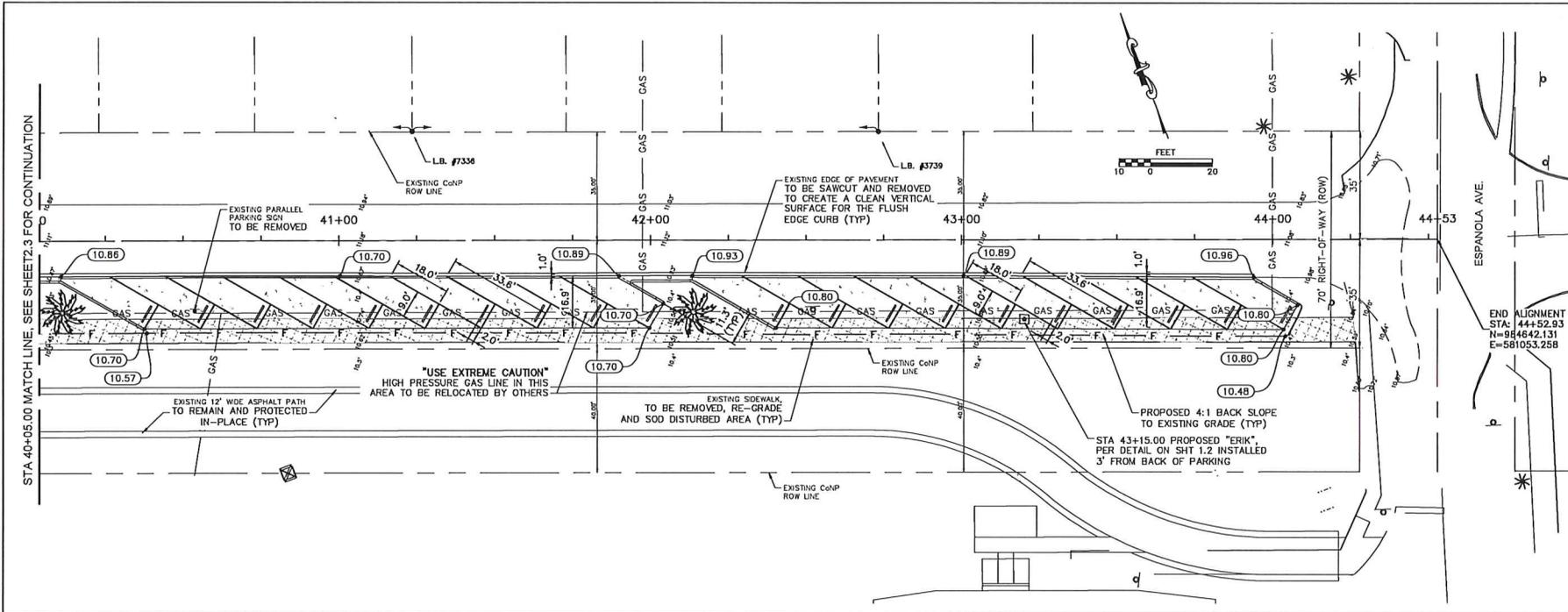
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DATE	8/27/19	CKD. BY	DATE
DRAWN	RMS	KEM/JKP	04/05/21
DESIGN	MAL	KEM/JKP	04/05/21
SCALE	@ 22"x34"	DMK No. 15-0194-21	

CITY OF NORTH PORT - PUBLIC WORKS DIVISION
TAMIAMI TRAIL LINEAR PARKING IMPROVEMENT PROJECT
 PROPOSED PARKING PLAN AND PROFILE SHEET



BM-1:
B.M.: EL.=9.95' (N.A.V.D. 1988)
FND. 4"X4" C.M.
WITH BRASS F.D.O.T. DISC
B.M. #21

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WITH ALUM. F.D.O.T. DISC
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SEE SHEET 2.0 FOR BENCH MARK LOCATIONS

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BEST MANAGEMENT PRACTICES NOTE:

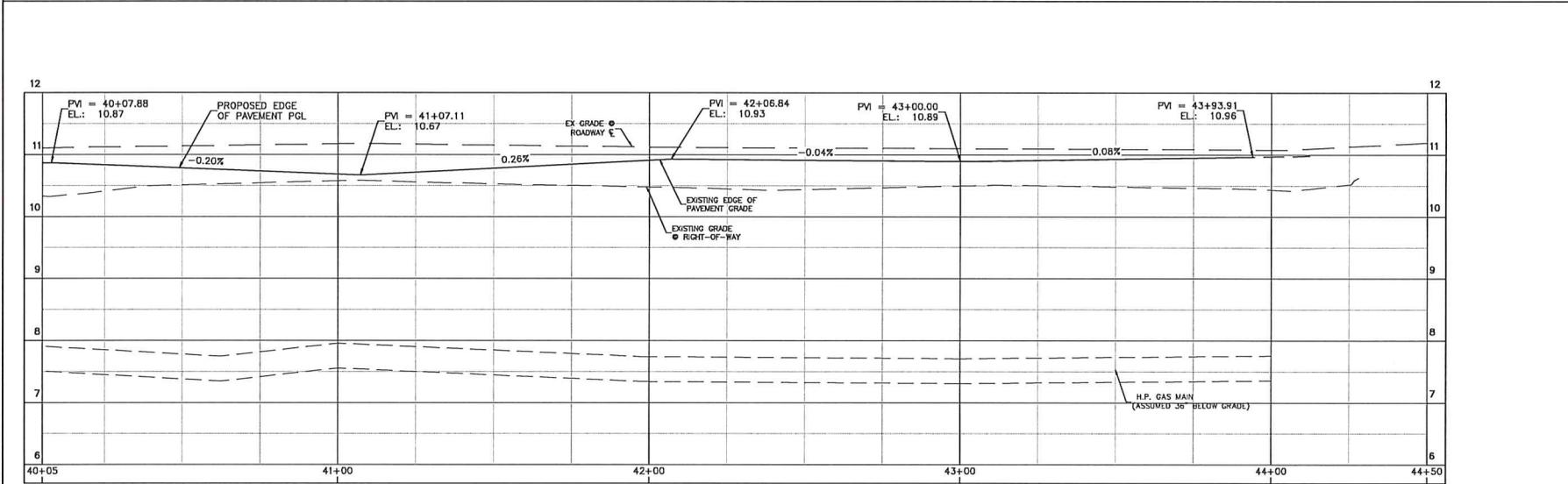
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VALVE NOTE:

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TREE LEGEND

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- PROPOSED SYLVESTER PALM TREE (7'-8')



ZAGROBELNY WAY-CL
STA. 40+05 TO STA. 44+50
SCALE: H:1"=40'; V:1"=2'
(20:1 VERTICAL EXAGGERATION)

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DRAWN RMS	KEM/JKP	04/05/21	
DESIGN MAL	KEM/JKP	04/05/21	
SCALE	@ 22'x34"	DMK No. 15-0194-21	

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PROPOSED PARKING PLAN AND PROFILE SHEET