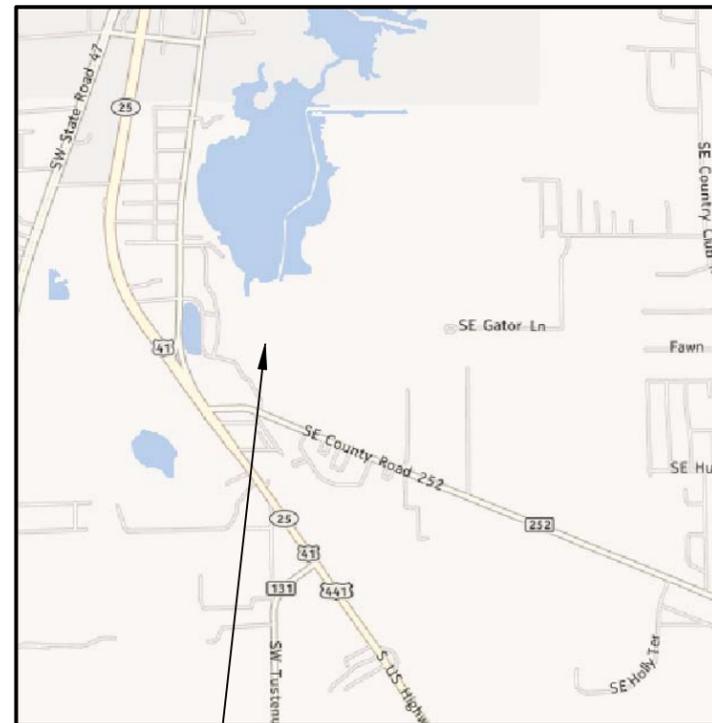
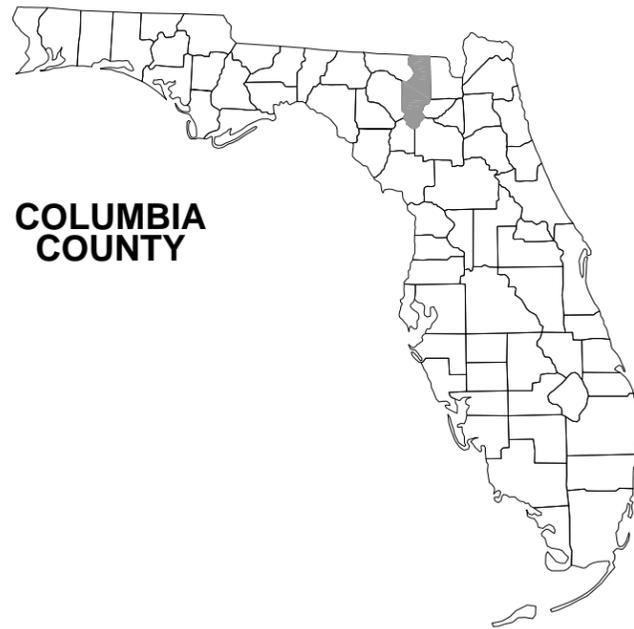


# COLUMBIA HIGH SCHOOL C.R. 252 IMPROVEMENTS

## LAKE CITY, FLORIDA

### SECTION 8, TOWNSHIP 4 SOUTH, & RANGE 17 EAST



PROJECT LOCATION

## SHEET INDEX

COVER SHEET	1
GENERAL NOTES & LEGEND	2
C.R. 252 EXISTING CONDITIONS PLAN	25 - 26
C.R. 252 PLAN & PROFILE SHEETS	27 - 30
C.R. 252 CROSS SECTION SHEETS	31 - 33
C.R. 252 PAVEMENT MARKINGS PLAN	34 - 35
EROSION NOTES & DETAILS	36
EROSION CONTROL PLAN	37
MISC. DETAILS	44

#### PLANS PREPARED FOR:

COLUMBIA COUNTY BOARD OF  
COUNTY COMMISSIONERS  
P.O. BOX 1529  
LAKE CITY, FLORIDA 32055  
(386) 758-1005

FINAL CONSTRUCTION PLANS  
05/2013



COVER SHEET

REVISIONS:

DESIGNED BY:	CM	CM	GB
DRAFTED BY:	CM	CM	GB
CHECKED BY:	CM	CM	GB
SIGNATURE & SEAL			
DATE:	08/2011		
SHEET NO.	1		

**GENERAL NOTES**

- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT.
- THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
- THE SITE IS LOCATED IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.
- THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.
- THE STORMWATER BASIN IS DESIGNED IN ACCORDANCE WITH CHAPTER 40B-4 F.A.C.
- ALL SLOPES OF THE STORMWATER BASIN SHALL BE GRASSED. ALL SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.
- ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
- EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED.
- THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.
- THE CONTRACTOR SHALL WASTE ALL EXCESS EARTH ON SITE AS DIRECTED BY THE ENGINEER.
- ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.
- CONTRACTOR SHALL PROVIDE ACTUAL INVERT ELEVATIONS ON ALL DRAINAGE STRUCTURES, INCLUDING CULVERTS, PRIOR TO PLACING ANY BASE MATERIAL. DEVIATIONS FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER BEFORE CONTINUING WORK.
- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THE F.D.O.T. DESIGN STANDARDS (CURRENT EDITION), AND THE COLUMBIA COUNTY DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED.

- IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.
- THE CONTRACTOR SHALL NOTIFY THE COUNTY & COLUMBIA COUNTY SCHOOL BOARD AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE WATER MANAGEMENT DISTRICT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- NO FINAL TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE COUNTY'S REPRESENTATIVE.
- NO WORK SHALL BE PERFORMED ON SATURDAY OR SUNDAY WITHOUT WRITTEN NOTIFICATION TO THE CITY AND CITY ENGINEER.
- CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE STORMWATER MANAGEMENT SYSTEMS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER ON REPRODUCIBLE 20LB. VELLUM AND A DIGITAL AUTOCAD FORMAT.
- THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.
- IF DURING CONSTRUCTION OR OPERATION OF THE STORM WATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDIAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE. A REPORT PREPARED BY A REGISTERED PROFESSIONAL MUST BE PROVIDED AS SOON AS PRACTICAL TO THE DEPARTMENT FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE BREACH WILL BE PERMANENTLY CORRECTED.
- THE CONTRACTOR SHALL RESTRICT ALL WORK REQUIRING LANE CLOSURES OR AFFECTING ACCESS TO THE SCHOOL BETWEEN 7:20 AM TO 8:10 AM AND BETWEEN 2:30 PM TO 3:30 PM.

**ROADWAY CONSTRUCTION REQUIREMENTS**

- THE ROADWAY CONSTRUCTION PLANS MUST BE REVIEWED AND APPROVED PRIOR TO COMMENCING CONSTRUCTION.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- A TESTING LABORATORY RETAINED BY THE CONTRACTOR SHALL CERTIFY THE MATERIALS AND CONSTRUCTION. COPIES OF ALL TEST RESULTS SHALL BE PROVIDED PRIOR TO ACCEPTANCE.
- ALL TRAFFIC CONTROL AND SAFETY ITEMS (STRIPPING, STOP BARS, REGULATORY SIGNS, ETC.) SHALL BE IN PLACE.
- THE TEMPORARY GRASS SHALL BE SUFFICIENT TO CONTROL EROSION.
- FINAL INSPECTION FOR ACCEPTANCE TO BE PERFORMED BY COUNTY ENGINEER, COUNTY PUBLIC WORKS DIRECTOR, CITY PUBLIC WORKS DIRECTOR, AND COUNTY COMMISSIONER (SHOULD HE/SHE DESIRE TO ATTEND).

**INSPECTION BY COUNTY REPRESENTATIVE**

- COMPLETION OF CLEARING AND GRUBBING. VISUAL ONLY - NO TEST REQUIREMENTS.
- ROUGH GRADE AND DRAINAGE STRUCTURES IN PLACE. TEST RESULTS - LBR - PIPE BACKFILL DENSITY.
- SUBGRADE COMPLETE. TEST RESULTS - DENSITY.
- LIMEROCK PLACE AND FINISHED. TEST RESULTS - THICKNESS. CROSS SECTION AND DENSITY.
- ASPHALT CONCRETE IN PLACE. TEST RESULTS - THICKNESS AND DENSITY.
- FINAL INSPECTION,

**SYMBOLS LEGEND**

	BENCHMARK		MANHOLE SANITARY EXISTING		SOIL BEARING LOCATION
	BOX CABLE		MANHOLE SANITARY PROPOSED		TAP SANITARY SEWER EXISTING
	BOX ELECTRICAL		MANHOLE STORM EXISTING		TAP SANITARY SEWER PROPOSED
	BOX TRAFFIC LIGHT		MANHOLE STORM PROPOSED		VALVE, AIR VENT AUTO EXISTING
	CATCH BASIN ROUND		MANHOLE WATER EXISTING		VALVE, AIR VENT AUTO PROPOSED
	CATCH BASIN SQUARE		MANHOLE WATER PROPOSED		VALVE, AIR VENT HAND EXISTING
	CLEANOUT EXISTING		DELTA POINT EXISTING		VALVE, AIR VENT HAND PROPOSED
	CLEANOUT PROPOSED		DELTA POINT PROPOSED		VALVE, BACKFLOW PREVENTER EXISTING
	CULVERT MITERED END SECTION		STANDARD POINT		VALVE, BACKFLOW PREVENTER PROPOSED
	DITCH BLOCK		METER, GAS EXISTING		VALVE, GAS SHUT OFF EXISTING
	DOT MARKER FOUND		METER, GAS PROPOSED		VALVE, GAS SHUT OFF PROPOSED
	ELECTRICAL DISTRIBUTION SWITCH		METER, SANITARY EXISTING		VALVE, GATE GAS EXISTING
	GRINDER STATION EXISTING		METER, SANITARY PROPOSED		VALVE, GATE GAS PROPOSED
	GRINDER STATION PROPOSED		METER, WATER EXISTING		VALVE, GATE WATER EXISTING
	HANDICAP SYMBOL		METER, WATER PROPOSED		VALVE, GATE WATER PROPOSED
	HANDHOLE STORM		METER WATER STATION		VALVE, WATER IRRIGATION CONTROL
	HANDHOLE WATER		MONUMENT FOUND CONCRETE		VALVE, SANITARY VAULT EXISTING
	HYDRANT, FIRE EXISTING		MONUMENT (PRM) MARKER CONCRETE		VALVE, SANITARY VAULT PROPOSED
	HYDRANT, FIRE PROPOSED		MONUMENT SET CONCRETE		VALVE, WATER VAULT EXISTING
	HYDRANT, FLUSHING EXISTING		PEDESTAL, TELEPHONE EXISTING		VALVE, WATER VAULT PROPOSED
	HYDRANT, FLUSHING PROPOSED		PEDESTAL, TELEPHONE PROPOSED		WATER STATION
	IRON ROD SET		POLE, GUY WIRE EXISTING		WATER TANK
	IRON ROD FOUND		POLE, GUY WIRE PROPOSED		WELL
	LINE, BASE		POLE, LIGHT EXISTING		WELL, MONITORING
	LINE, CENTER		POLE, LIGHT PROPOSED		SEPTIC TANK
	LINE, PROPERTY		POLE, POWER EXISTING		ASPHALT
	LIFT STATION EXISTING		POLE, POWER PROPOSED		CONCRETE
	LIFT STATION PROPOSED		POLE, POWER W/TRANSFORMER		GRAVEL
	MANHOLE, ELECTRICAL EXISTING		POLE, UTILITY		VIEW #
	MANHOLE, ELECTRICAL PROPOSED		POST, FIBER OPTIC WARNING		PAGE #
	MANHOLE, GAS EXISTING		SIGN, DOUBLE POST EXISTING		TITLE MARK
	MANHOLE, GAS PROPOSED		SIGN, DOUBLE POST PROPOSED		SECTION DETAIL MARK
			SIGN, SINGLE POST EXISTING		
			SIGN, SINGLE POST PROPOSED		

**LINETYPE LEGEND**

EXISTING	PROPOSED	
		FORCE MAIN
		WATER
		SANITARY
		GAS
		BURIED ELECTRIC
		BURIED TELEPHONE
		CABLE TV
		FIBER OPTIC
		OVERHEAD UTILITIES
		OVERHEAD ELECTRIC

**MISCELLANEOUS LINETYPES**

	EXISTING CORRUGATED METAL PIPE
	EXISTING ROUND CONCRETE PIPE
	EXISTING ELLIPTICAL CONCRETE PIPE
	EXISTING CORRUGATED PLASTIC PIPE
	FIELD FENCE
	CHAIN LINK FENCE
	WOOD POST FENCE
	PROPERTY BOUNDARY
	RIGHT OF WAY LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SILT FENCE

**ABBREVIATION LEGEND**

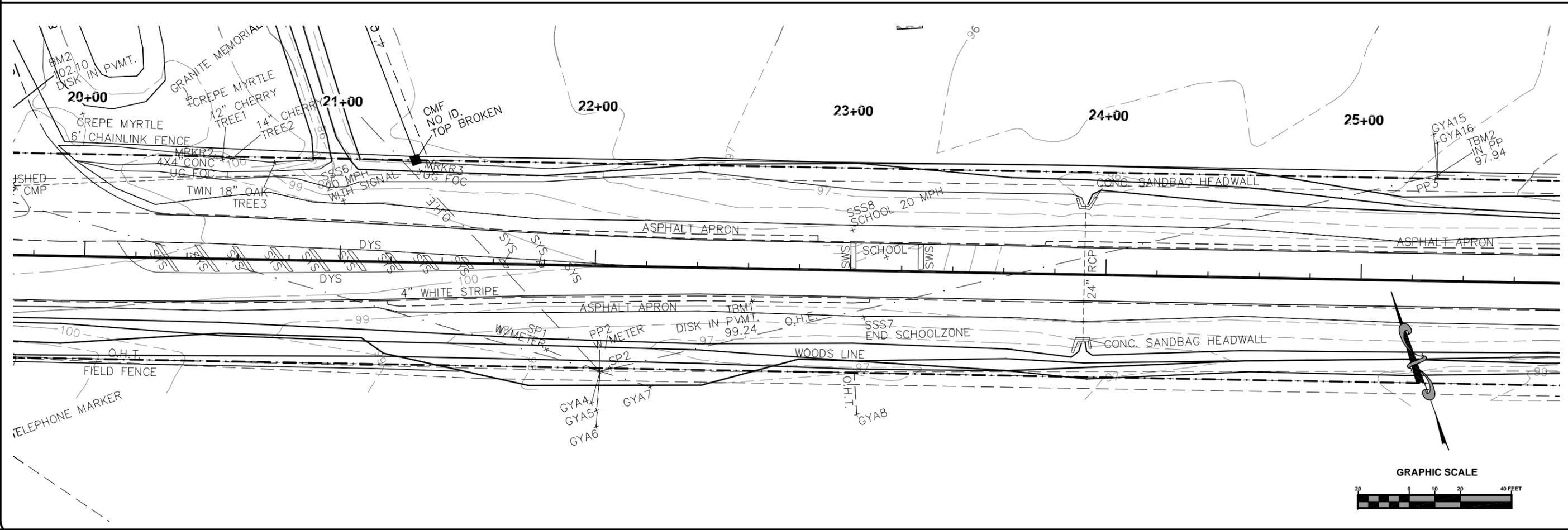
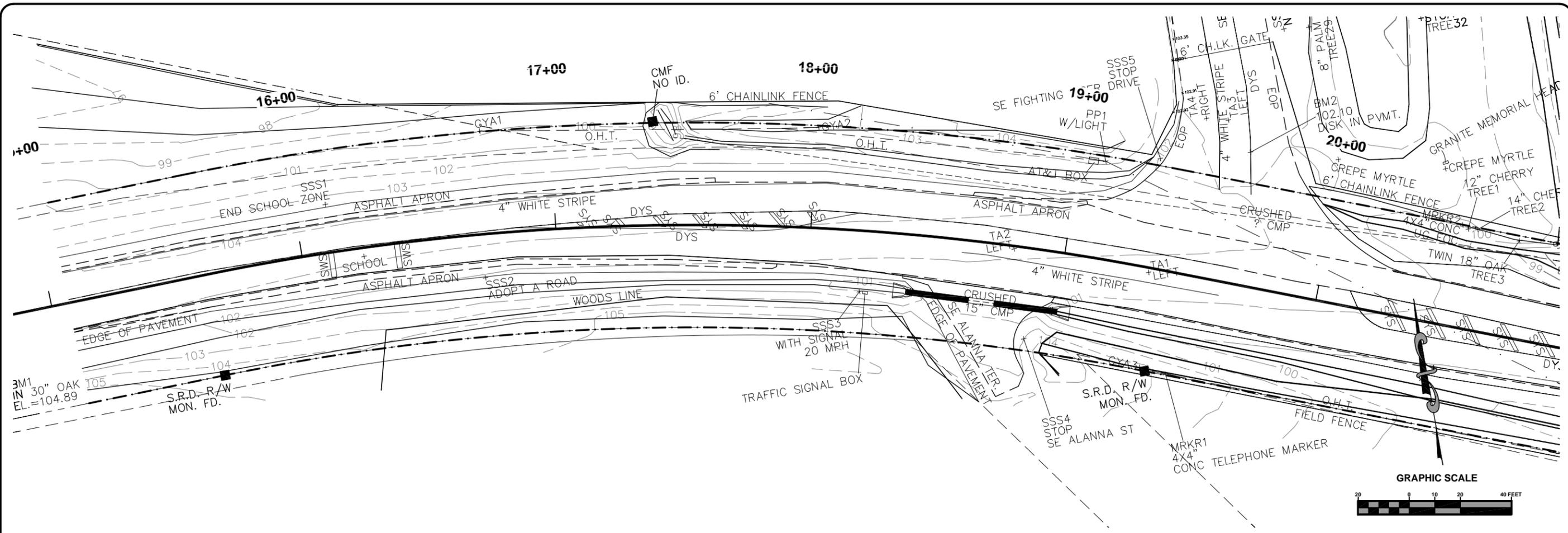
ARC LENGTH	L	POINT OF BEGINNING	PB
BENCHMARK	BM	POINT OF COMMENCEMENT	PC
CALCULATED	(C)	POINT OF CURVATURE	POC
CHORD BEARING	CH	POINT OF COMPOUND CURVATURE	PCC
CONCRETE MONUMENT	CM	POINT OF INTERSECTION	PI
CLEANOUT	CO	POINT OF REVERSE CURVATURE	PR
DEED	(D)	POINT OF TANGENT	PT
DITCH, TOP OF	TOD	PIPE, CORRUGATED METAL	CMP
DITCH, BOTTOM OF	BOD	PIPE, METAL ARC BITUMINOUS COATED	CMPA
EAST	E	PIPE, REINFORCED CONCRETE	RCP
EDGE OF PAVEMENT	EOP	PIPE, REINFORCED CONCRETE ELLIPTICAL	RCEP
ELECTRICAL	E	PIPE, POLYETHYLENE	PE
END VERTICAL CURVE ELEVATION	EVCE	PIPE, POLYETHYLENE HIGH DENSITY	HDPE
END VERTICAL CURVE STATION	EVCS	PLAT	(P)
FOUND	FND	PROFILE GRADE LINE	PGL
FINISH FLOOR ELEVATION	FFE	RADIUS	R
GAS	G	RANGE	RNG
GROUND SPOT ELEVATION	X	REBAR	RB
IRON PIPE	IP	REBAR AND CAP	RBC
IRON ROD	IR	RECLAIMED WATER	RW
IRON ROD AND CAP	IRC	RIGHT OF WAY	R/W
LINEAR FEET	LF	SANITARY SEWER	SAN
LINE, BASE		SECTION	SEC
LINE, CENTER		SEWER TAP	ST
LINE, PROPERTY		SOUTH	S
MEASURED	(M)	STORM SEWER	SS
NAIL	NL	STORM WATER MANAGEMENT FACILITY	SSWMF
NAIL AND DISK	NL+D	TANGENT	T
MANHOLE	MH	TOWNSHIP	TW
NO IDENTIFICATION	NO	UNDERGROUND CABLE	UC
NORTH	N	UNDERGROUND ELECTRIC	UG
OFFICIAL RECORD BOOK	ORB	UNDERGROUND TELEPHONE	UT
OFFSET	O/S	VALVE, COMBINATION AIR/VACUUM	CAV
OVERHEAD CABLE	OC	WATER LINE	W
OVERHEAD ELECTRIC	OE	WATER METER	WM
OVERHEAD TELEPHONE	OT		
PAGE(S)	PG		
PERMANENT CONTROL POINT	PCP		

**GENERAL NOTES & LEGEND**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

JOB NUMBER: L110822CCB  
 DESIGNED BY: [ ]  
 DRAFTED BY: [ ]  
 CHECKED BY: [ ]  
 DATE: 08/2011  
 SHEET NO. 2

NORTH FLORIDA PROFESSIONAL SERVICES, INC.  
 P.O. BOX 3823  
 LAKE CITY, FL 32025  
 Ph. 386-752-4675  
 Fax. 386-752-4674  
 P.O. BOX 180998  
 TALLAHASSEE, FL 32318  
 Ph. 877-335-1525  
 Eng. Lic. 29011

File Location: X:\2011\110822CCE\cadd\c\CCSDsn01\EX CR  
Date Created: June 14, 2012  
Date Plotted: May 6, 2013



North Florida Professional Services, Inc.  
P.O. BOX 3823  
Tallahassee, FL 32318  
Ph. 877-335-1525  
Eng. Lic. 29011



# C.R. 252 EXISTING CONDITIONS PLAN

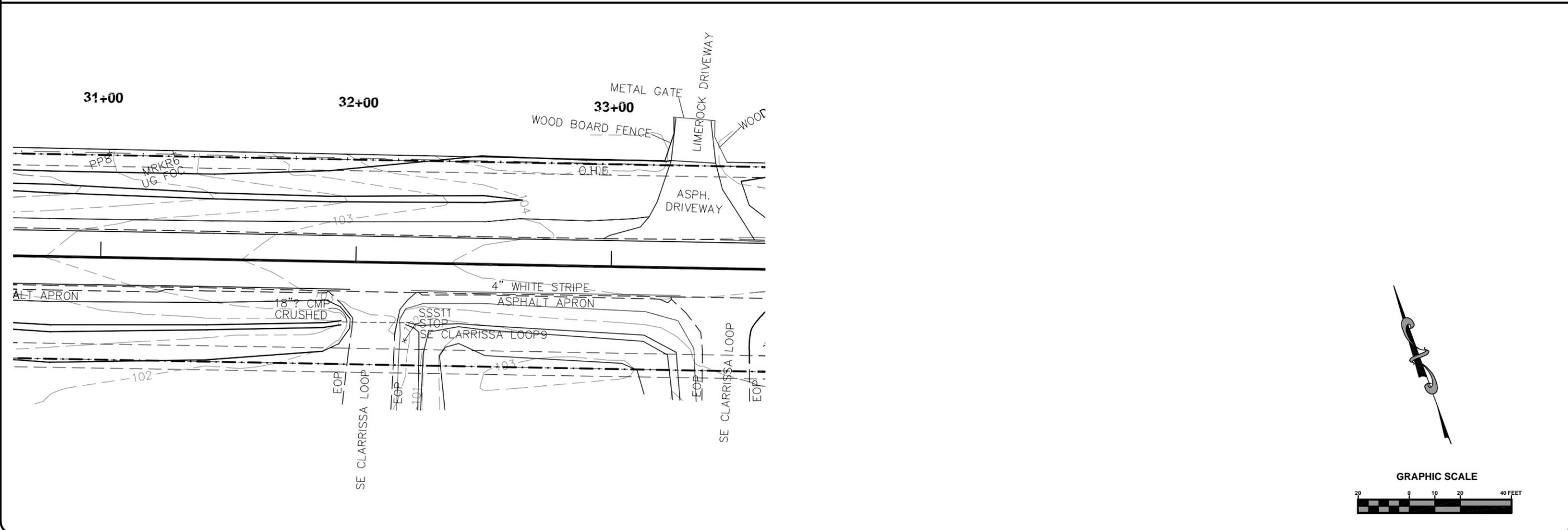
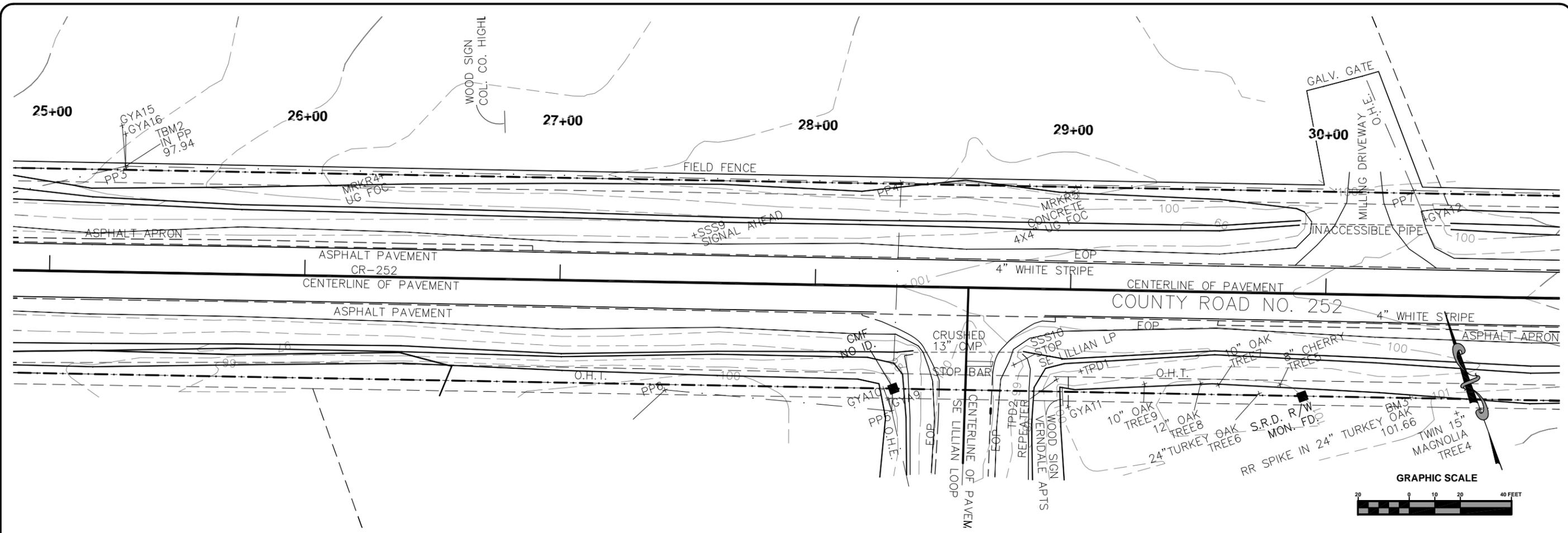
## COLUMBIA HIGH SCHOOL IMPROVEMENTS

### LAKE CITY, FLORIDA

REVISIONS:

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3		CHECKED BY	GB
4		SIGNATURE & SEAL	GB

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North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 877-335-1525  
 Fax. 386-752-4674  
 Tallahassee, FL 32318  
 Ph. 877-335-1525  
 Eng. Lic. 29011

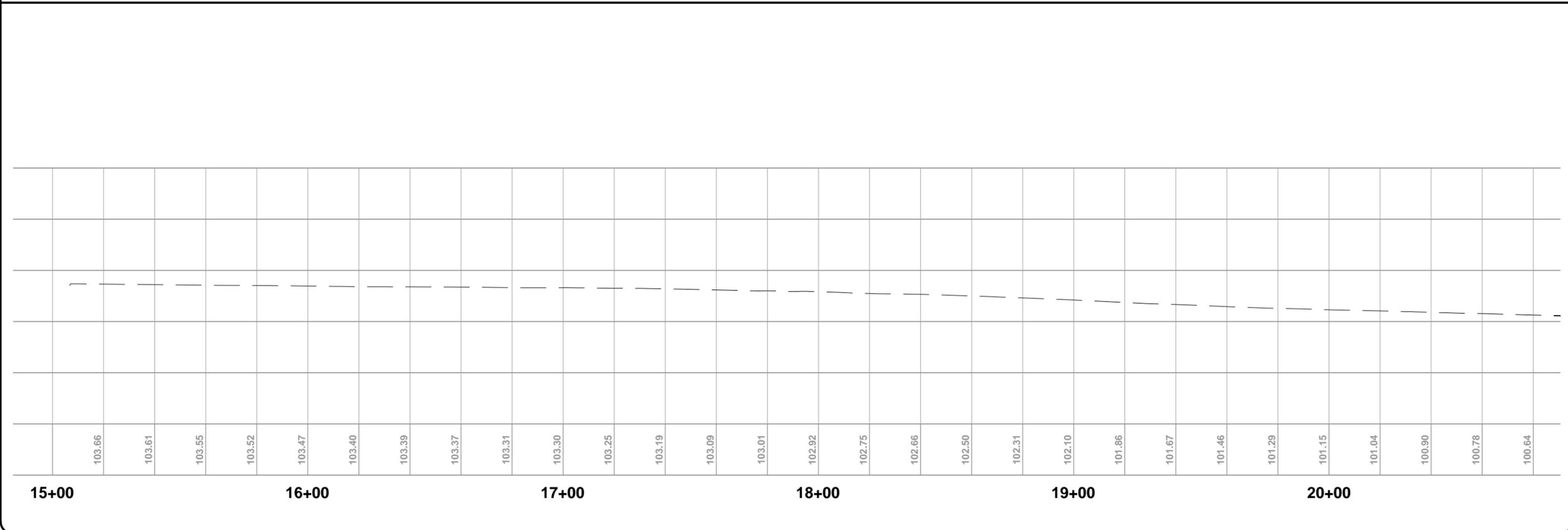
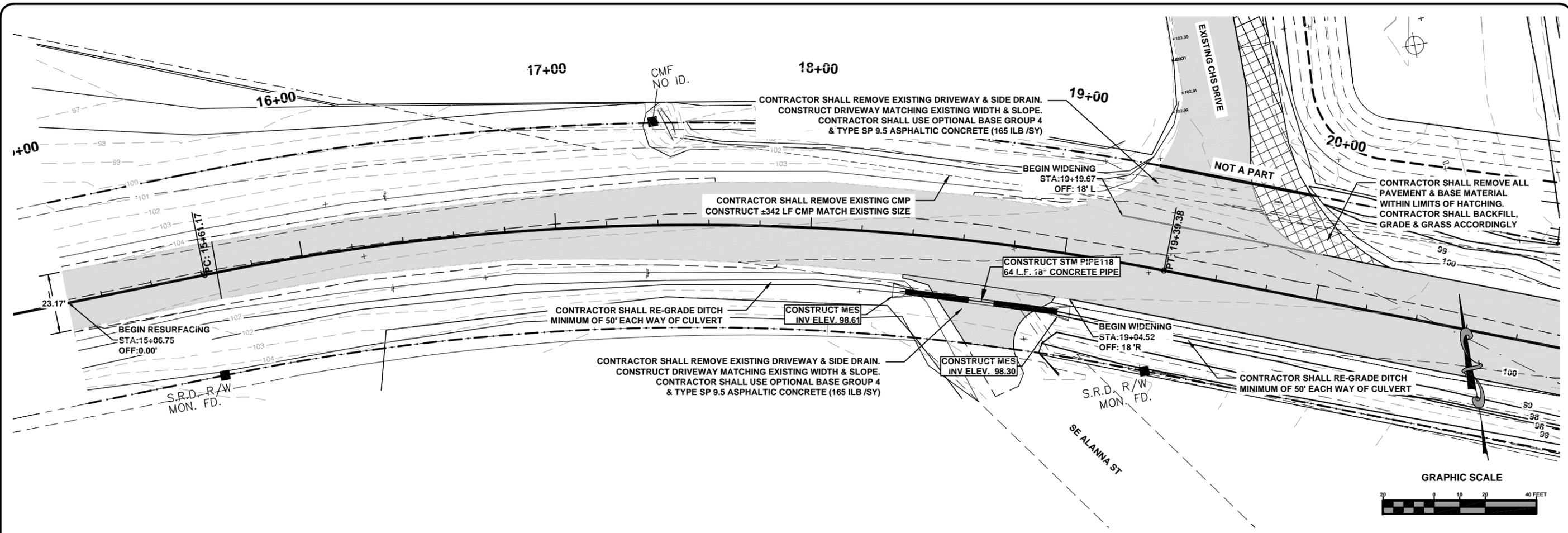


**C.R. 252 EXISTING CONDITIONS PLAN**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
 LAKE CITY, FLORIDA

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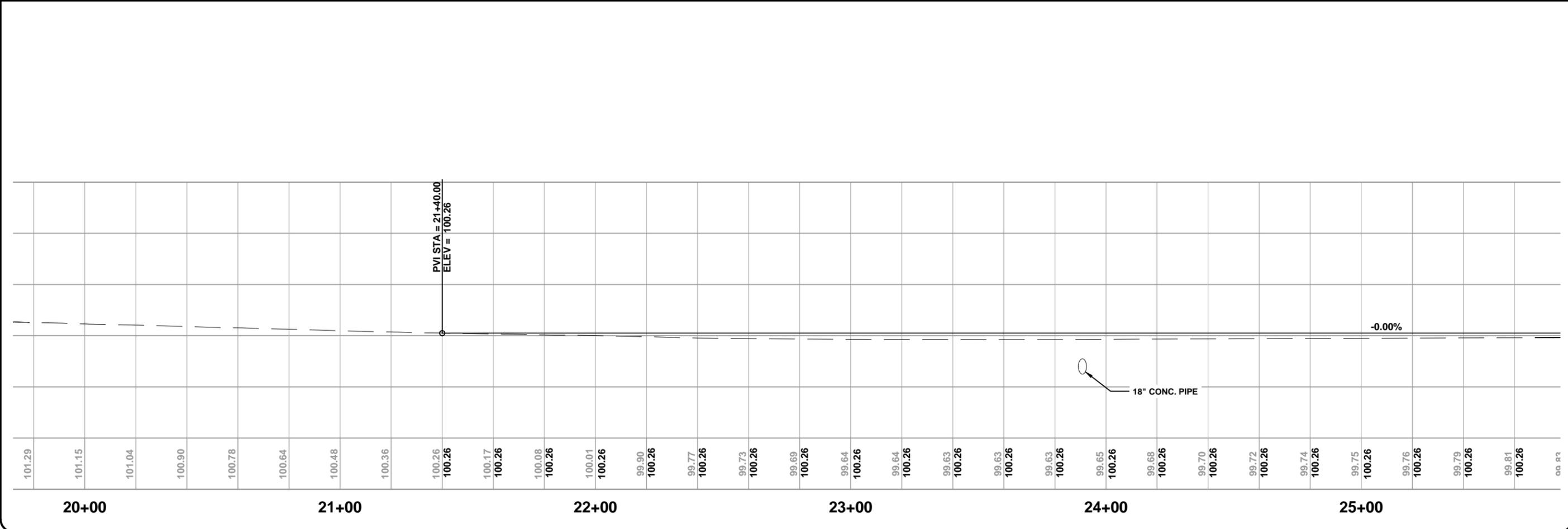
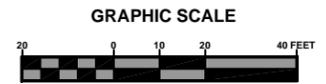
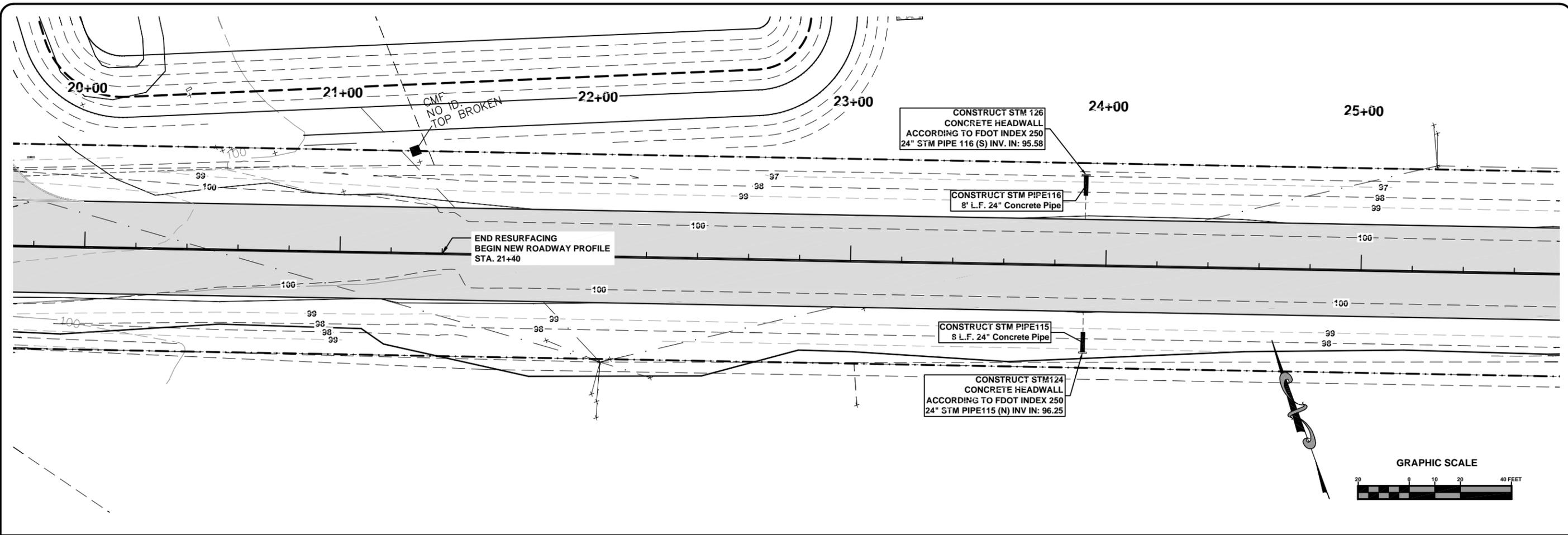


North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 386-752-4675  
 Fax. 386-752-4674  
 Tallahassee, FL 32318  
 Ph. 877-335-1525  
 Eng. Lic. 29011



**C.R. 252 PLAN & PROFILE SHEET**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

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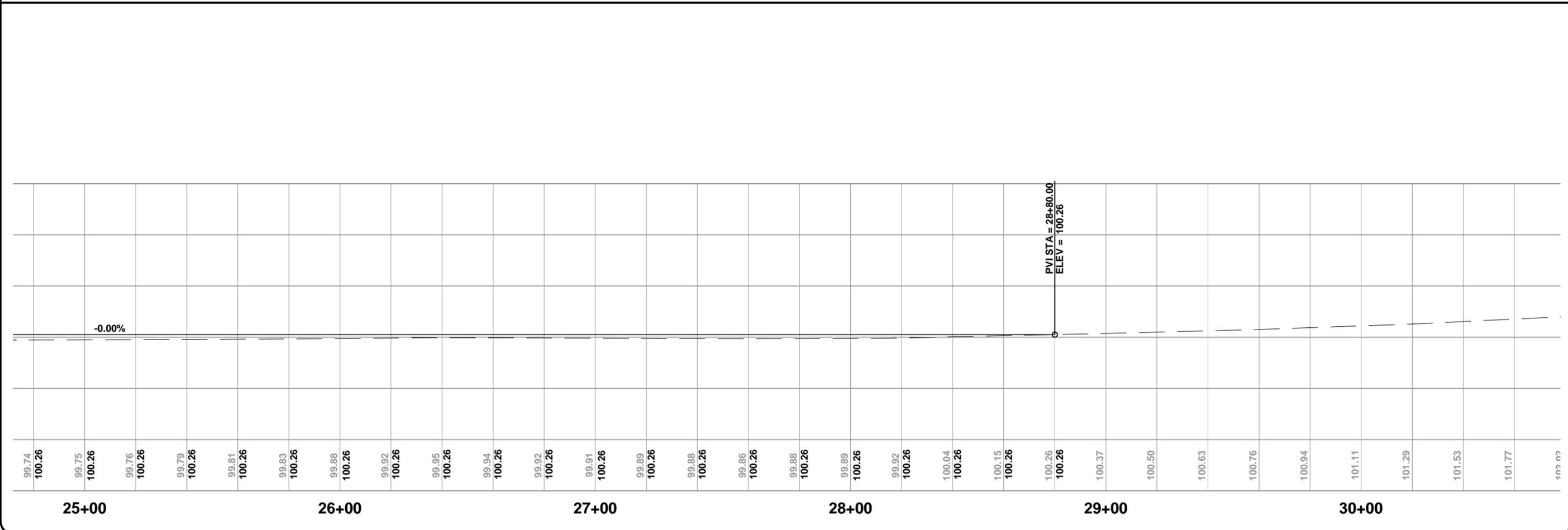
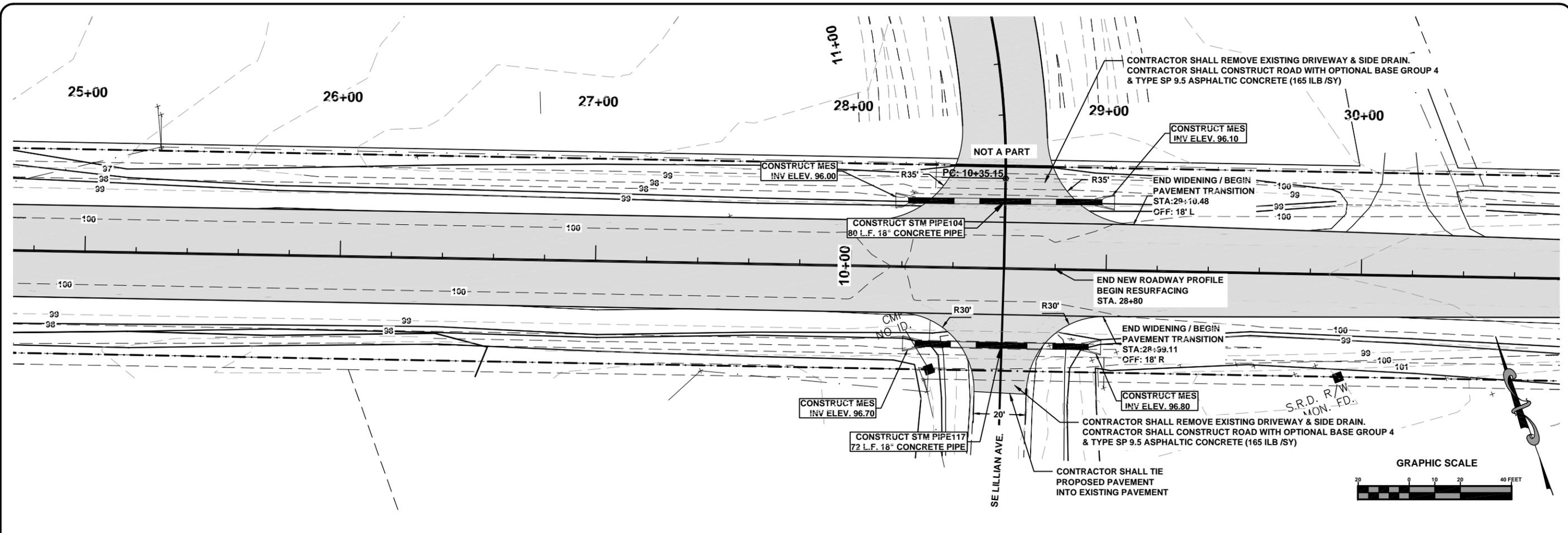


North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 386-752-4675  
 Fax. 386-752-4674



**C.R. 252 PLAN & PROFILE SHEET**  
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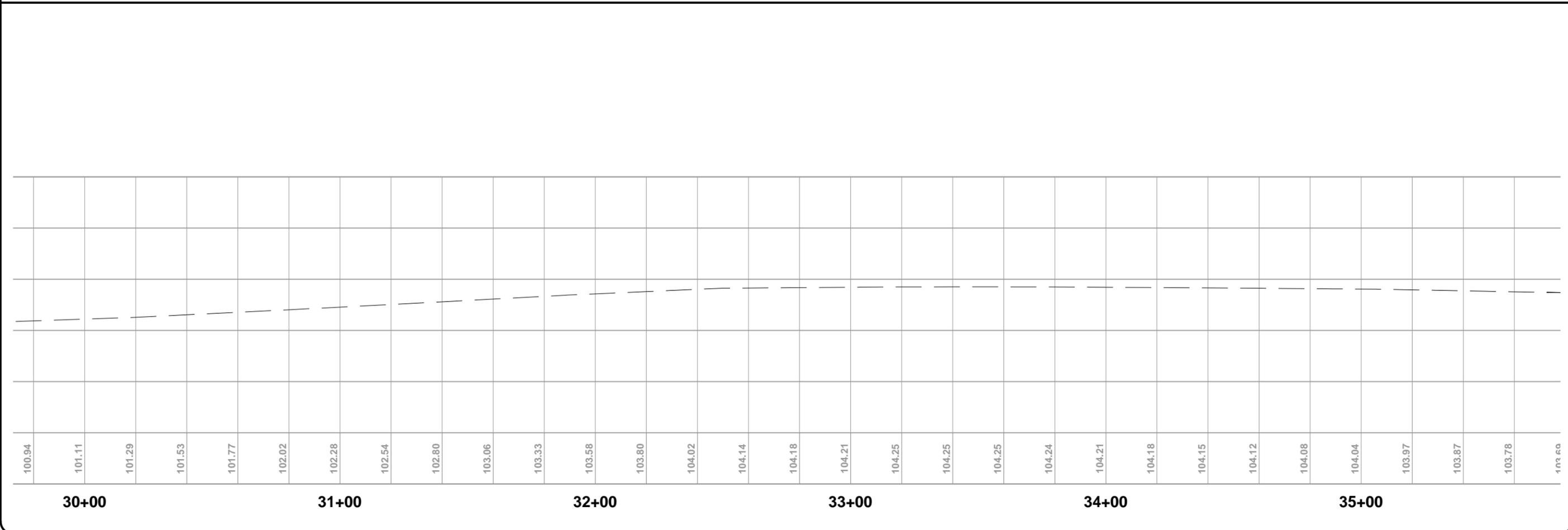
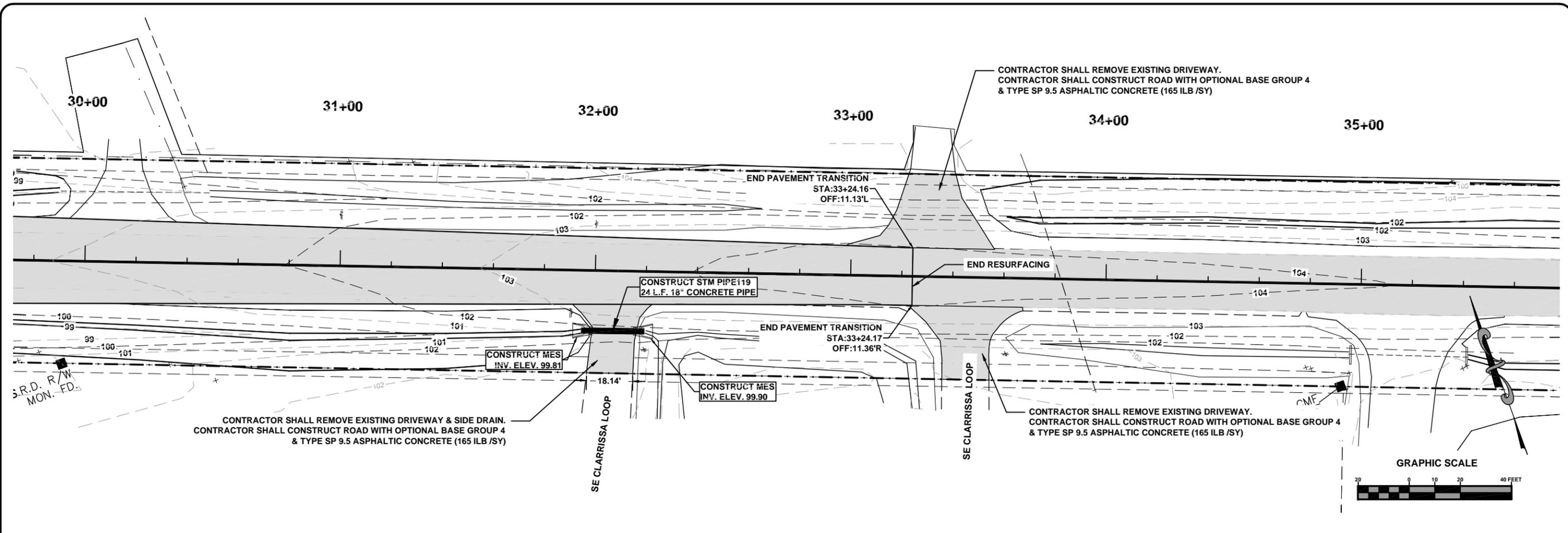
North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 877-335-1525  
 Fax. 386-752-4674  
 Tallahassee, FL 32318  
 Ph. 877-335-1525  
 Eng. Lic. 29011



**C.R. 252 PLAN & PROFILE SHEET**  
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 LAKE CITY, FLORIDA

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 P.O. BOX 3823  
 Tallahassee, FL 32318  
 Ph. 877-335-1525  
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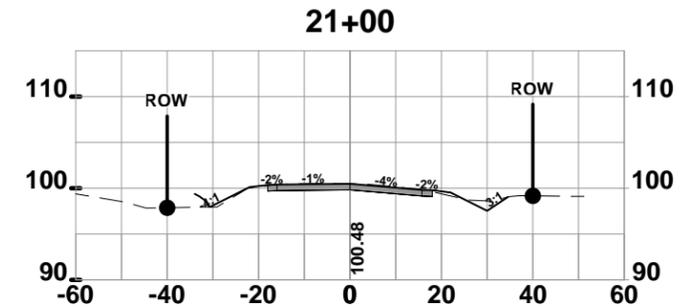
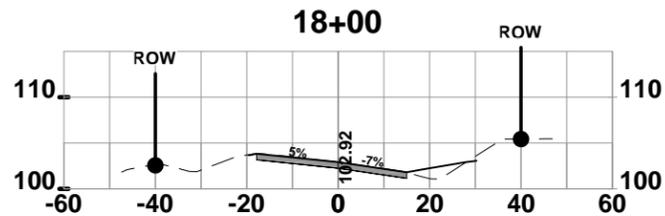
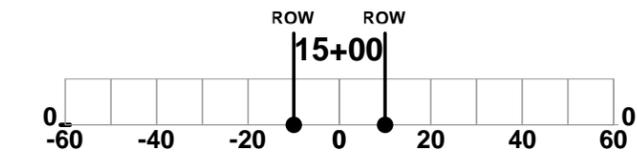
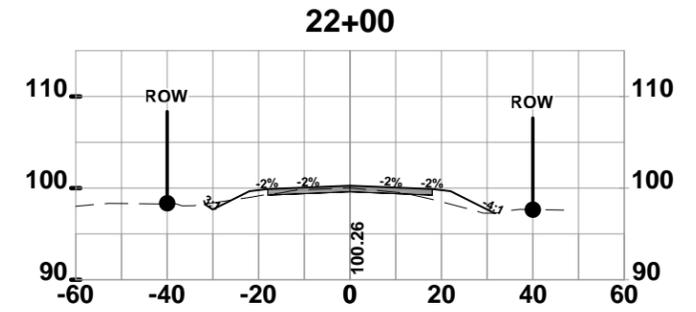
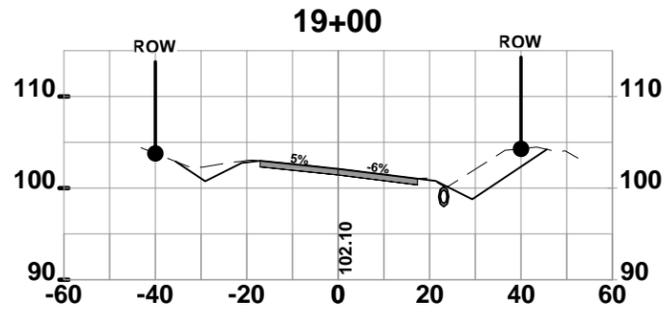
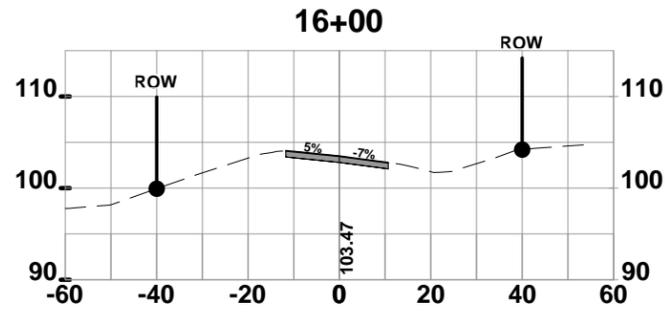
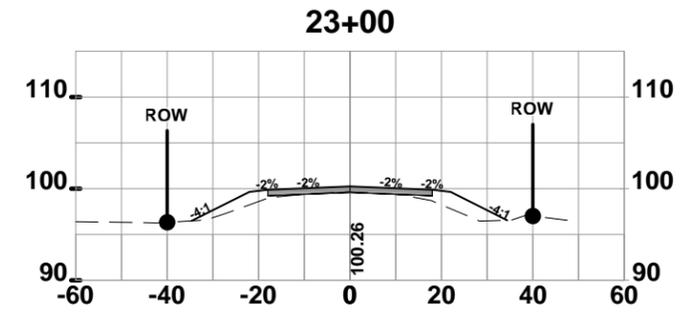
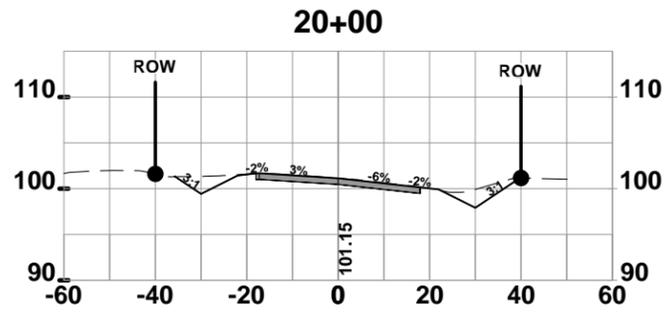
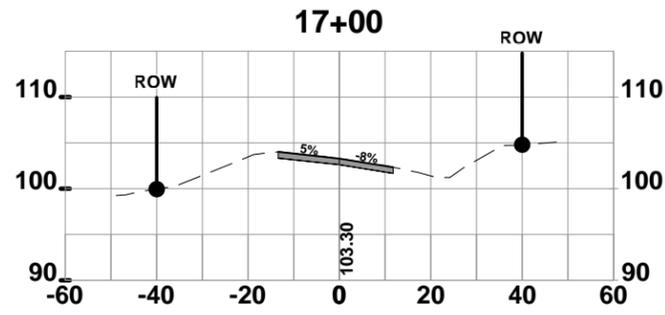
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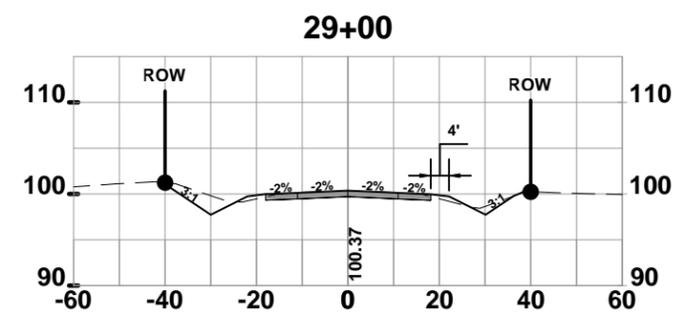
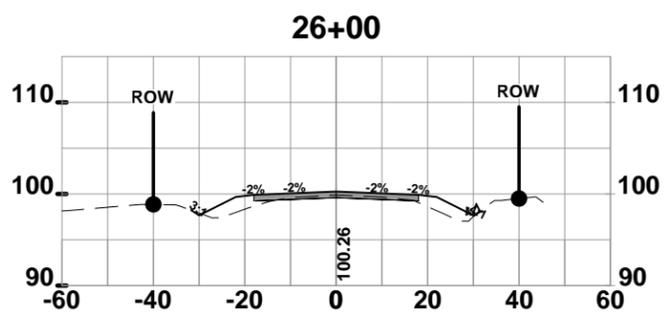
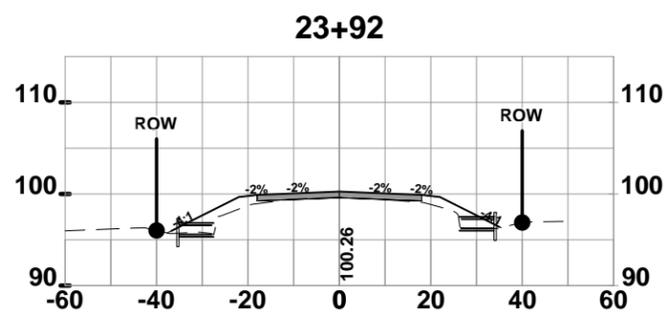
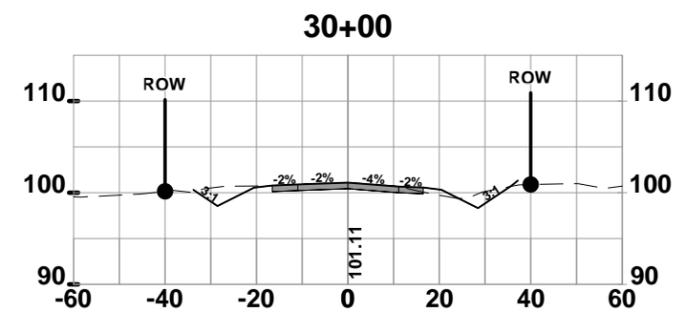
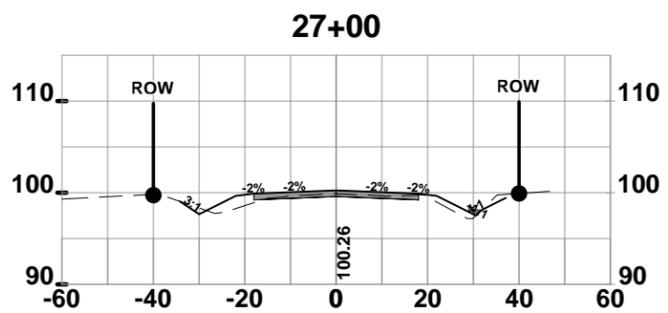
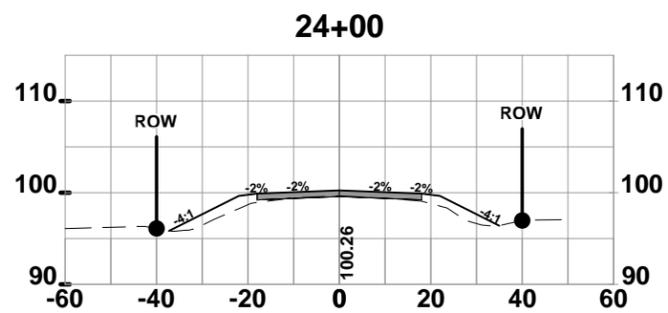
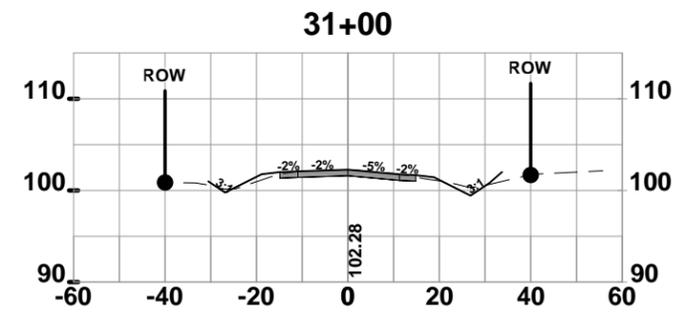
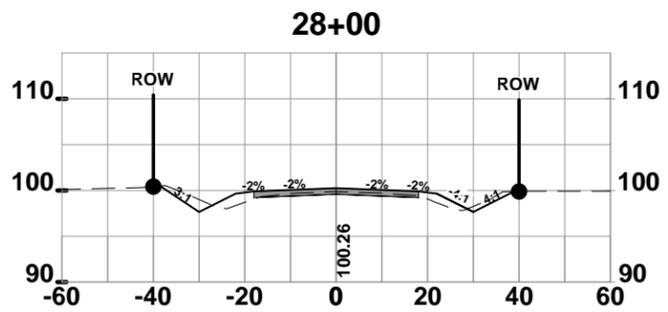
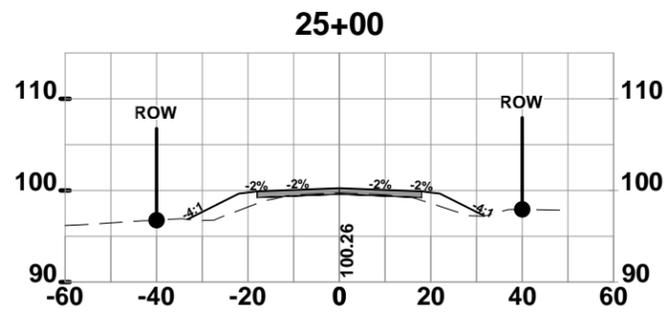
**C.R. 252 CROSS SECTION SHEET**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Tallahassee, FL 32318  
 Lake City, FL 32025  
 Ph. 877-335-1525  
 Ph. 386-752-4675  
 Fax. 386-752-4674  
 Eng. Lic. 29011



REVISIONS:

DESIGNED BY:	CM	CM	GB
DRAFTED BY:	CM	CM	GB
CHECKED BY:	CM	CM	GB
DATE:	08/11		
SHEET NO.:	31		



## C.R. 252 CROSS SECTION SHEET

### COLUMBIA HIGH SCHOOL IMPROVEMENTS

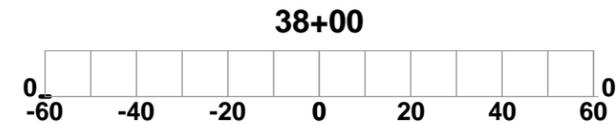
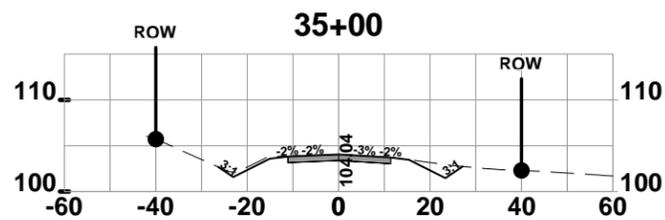
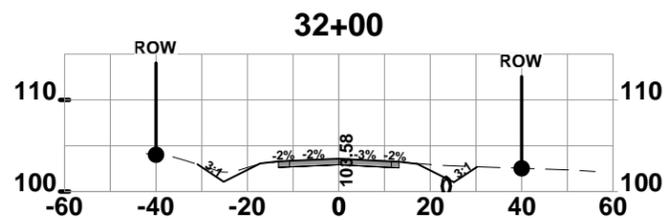
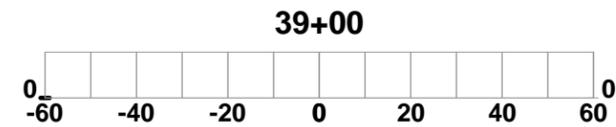
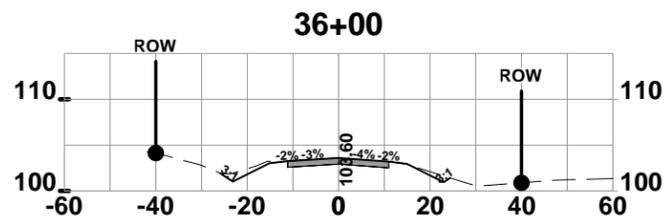
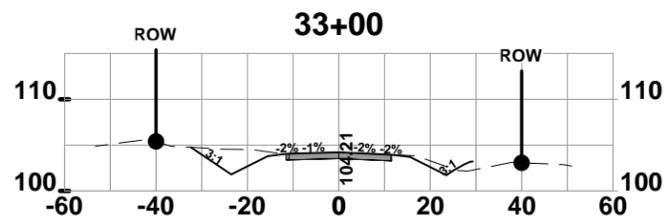
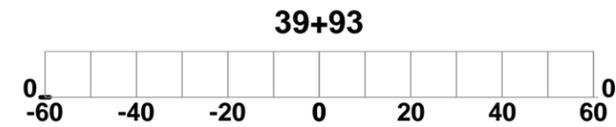
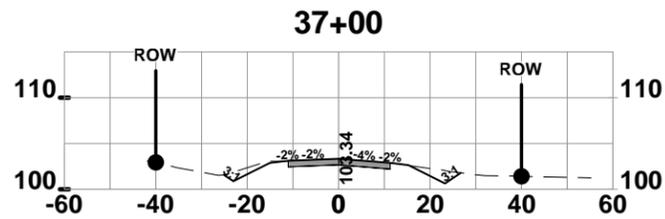
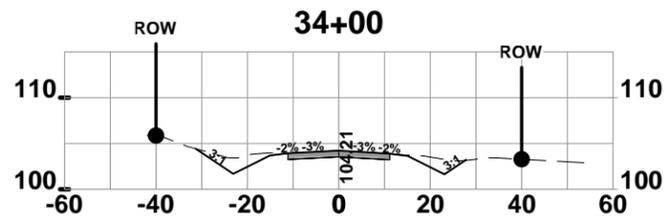
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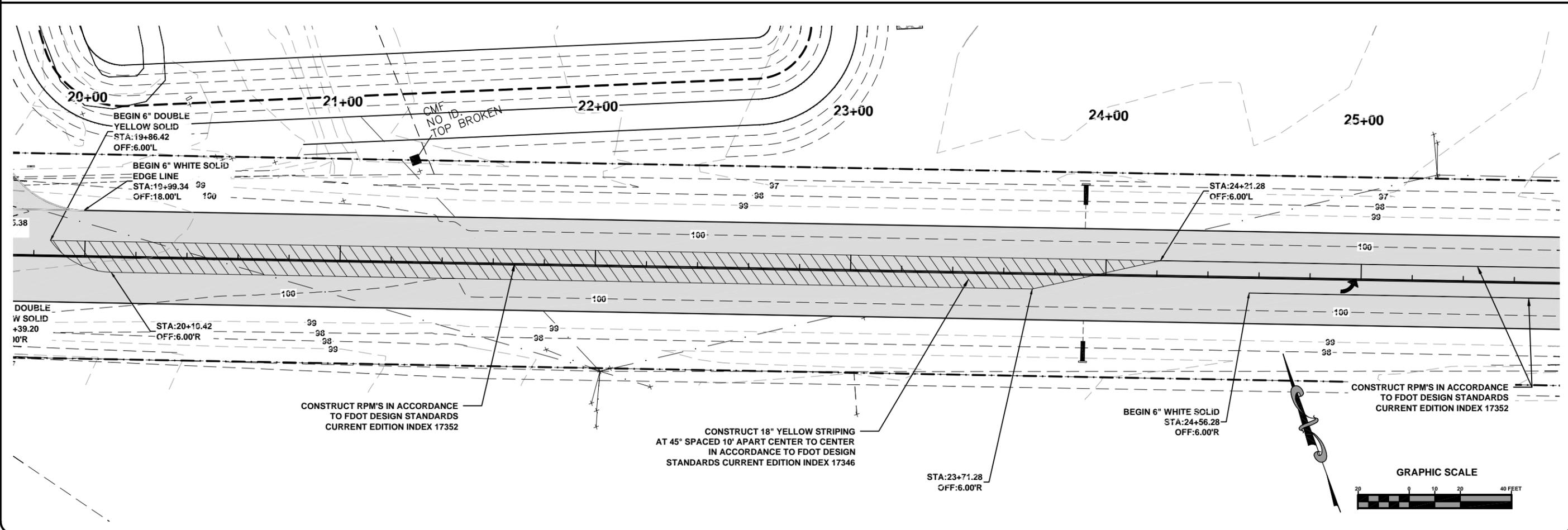
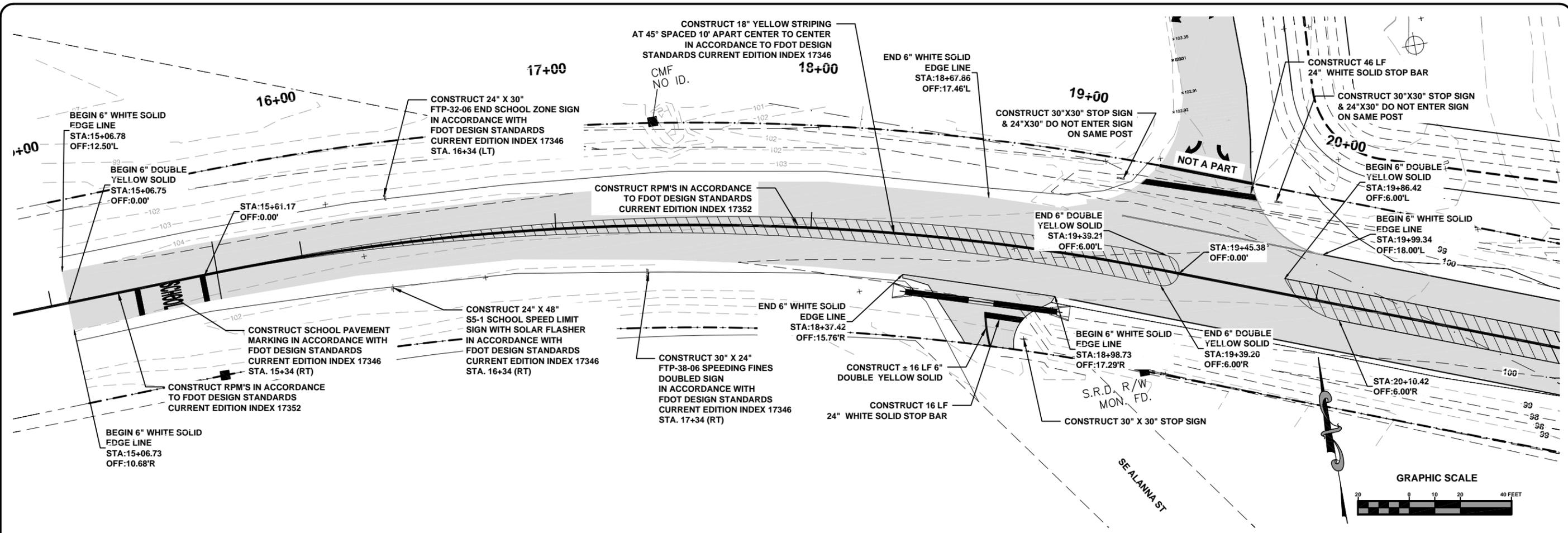
**C.R. 252 CROSS SECTION SHEET**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

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North Florida Professional Services, Inc.  
P.O. BOX 3823  
Lake City, FL 32025  
Ph. 877-335-1525  
Fax. 386-752-4674  
Eng. Lic. 29011



# C.R. 252 PAVEMENT MARKING PLAN

## COLUMBIA HIGH SCHOOL IMPROVEMENTS

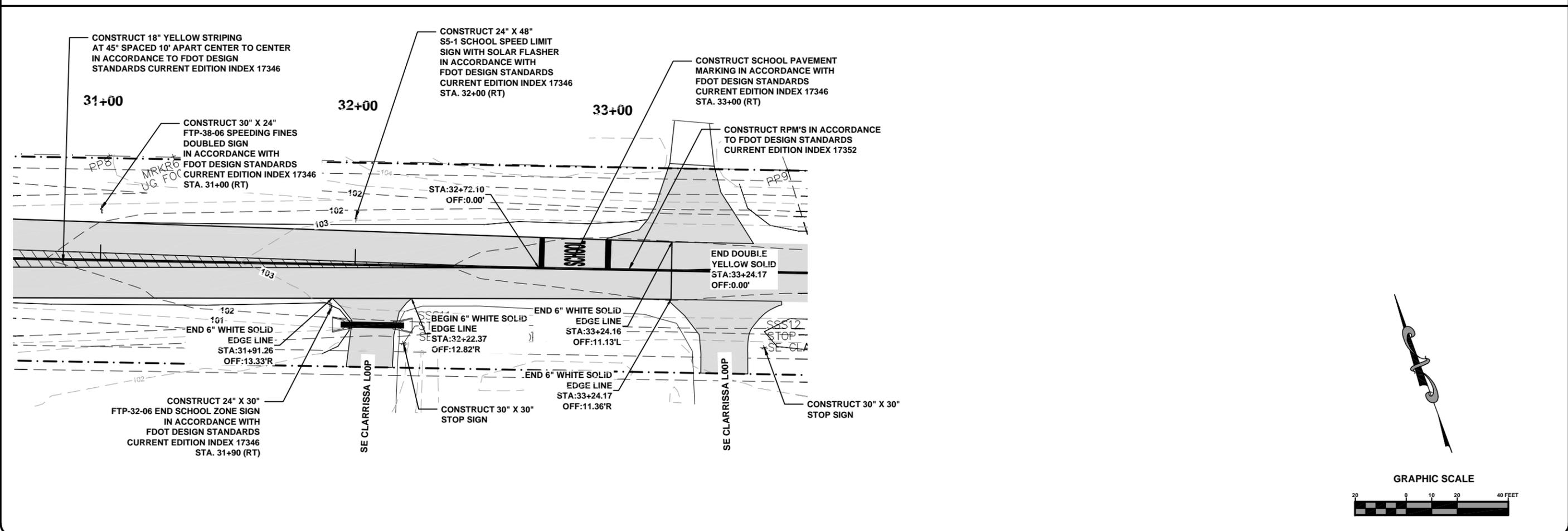
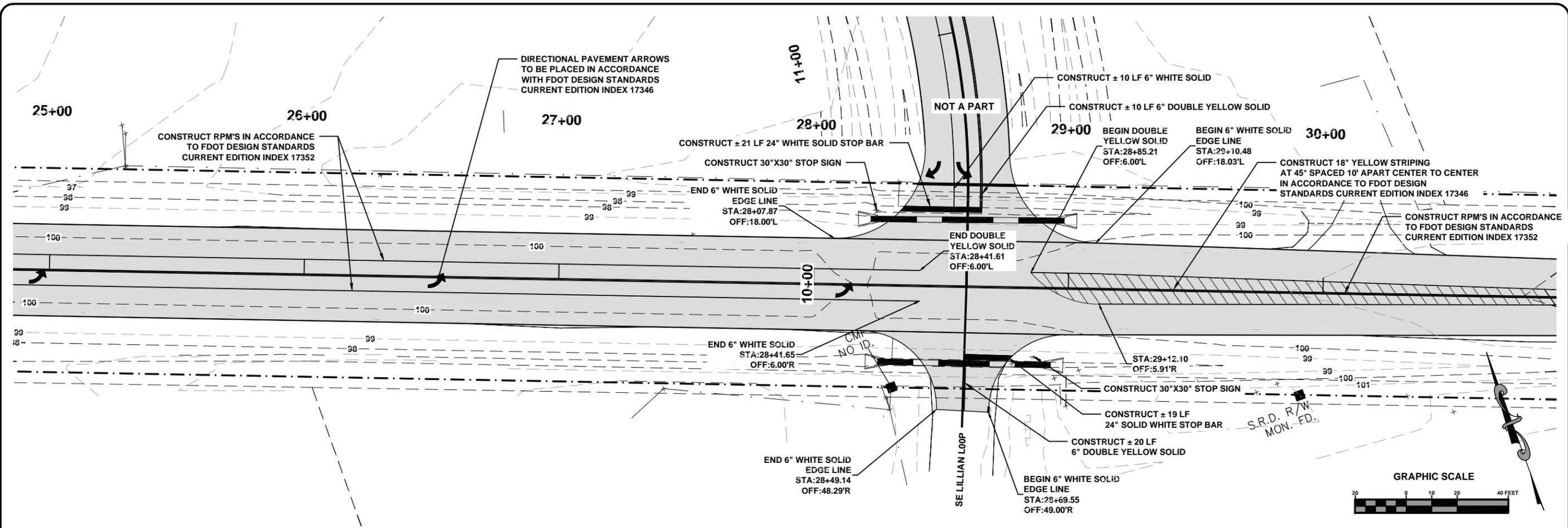
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North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Tallahassee, FL 32318  
 Lake City, FL 32025  
 Ph. 866-752-4675  
 Fax. 386-752-4674  
 Eng. Lic. 29011

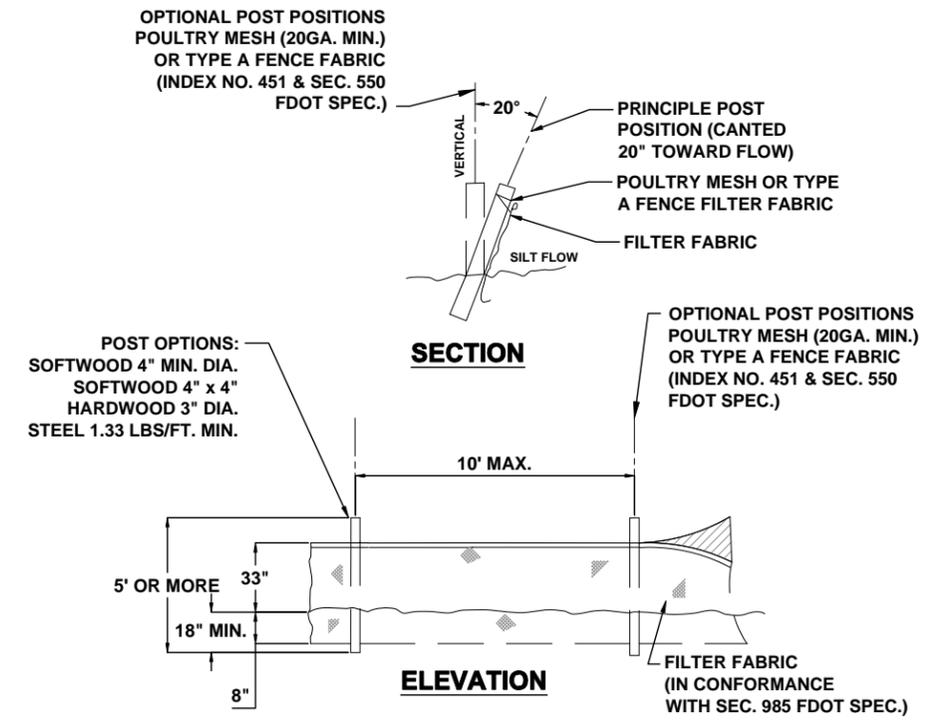


**C.R. 252 PAVEMENT MARKING PLAN**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

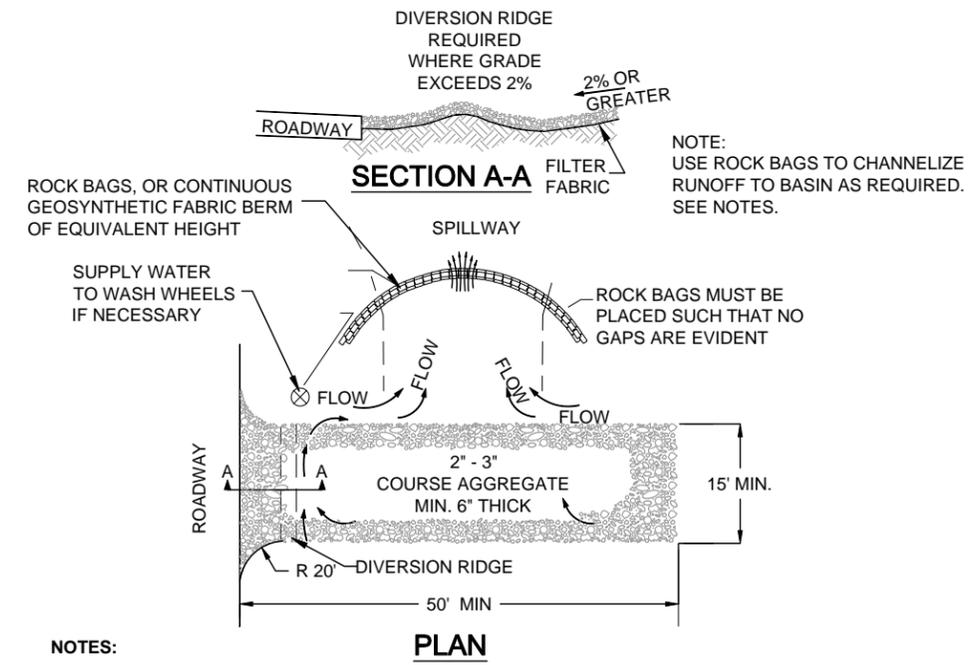
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# EROSION CONTROL NOTES

- THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
- THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP'S FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".
- THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
- SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPLACED AS NECESSARY.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
- SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
- CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
- DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
- ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
- A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
- ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF HAY BALES OR SODDING.
- ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
- ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
- LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.
- EXCESS DIRT SHALL BE REMOVED DAILY.
- THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS. PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.
- QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
- SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



**1** **TYPE IV SILT FENCE**  
**36** **SCALE: N.T.S.**



- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
  - ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT.

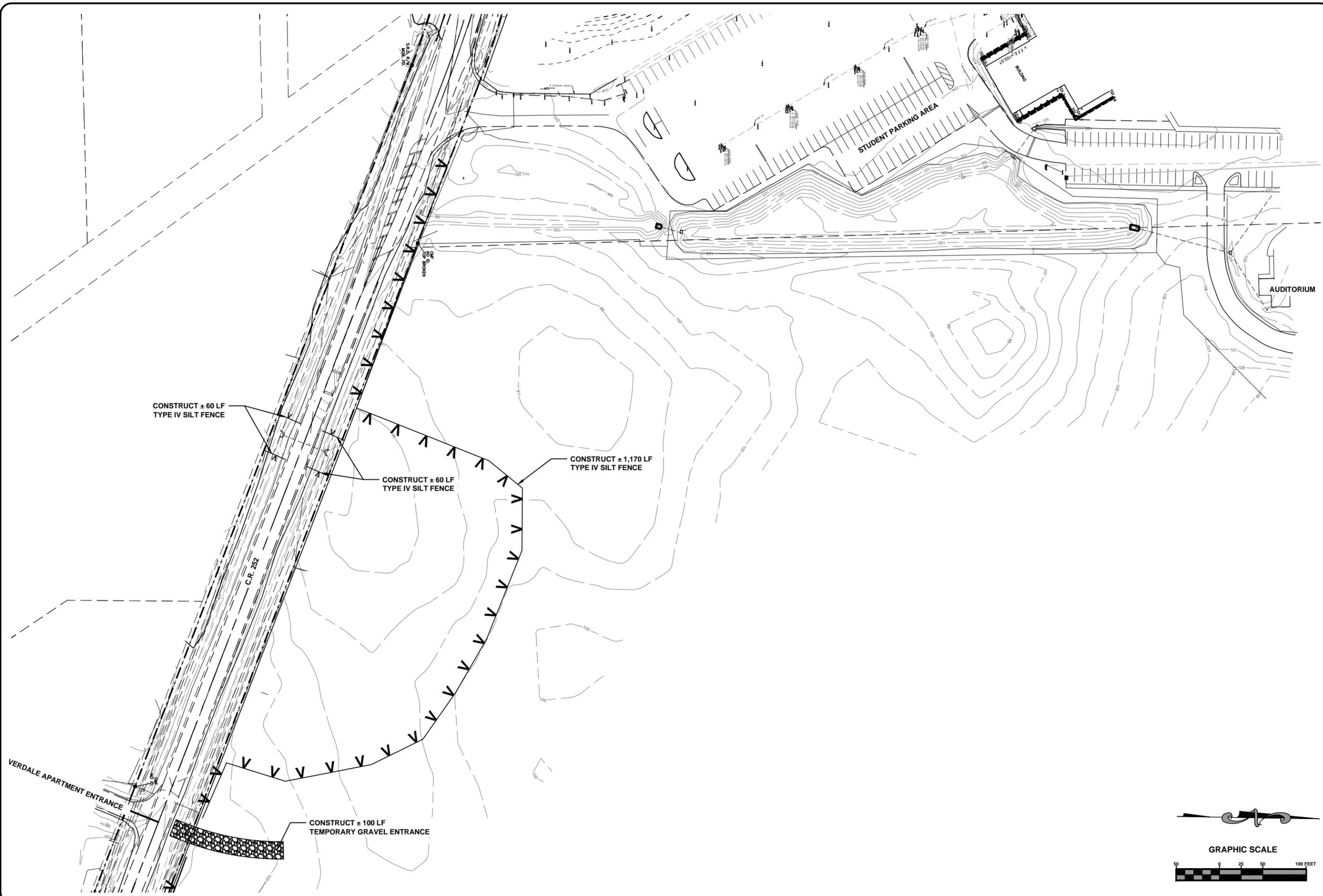
**2** **TEMPORARY CONSTRUCTION ENTRANCE**  
**36** **SCALE: N.T.S.**

File Location: X:\2011\110822CCB\Cadd\cCBgen01\ERO01 Date Created: August 6, 2012 Date Plotted: May 6, 2013

North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 386-752-4675  
 Fax. 386-752-4674  
 Tallahassee, FL 32318  
 Ph. 877-335-1525  
 Eng. Lic. 29011

**EROSION CONTROL NOTES & DETAILS**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

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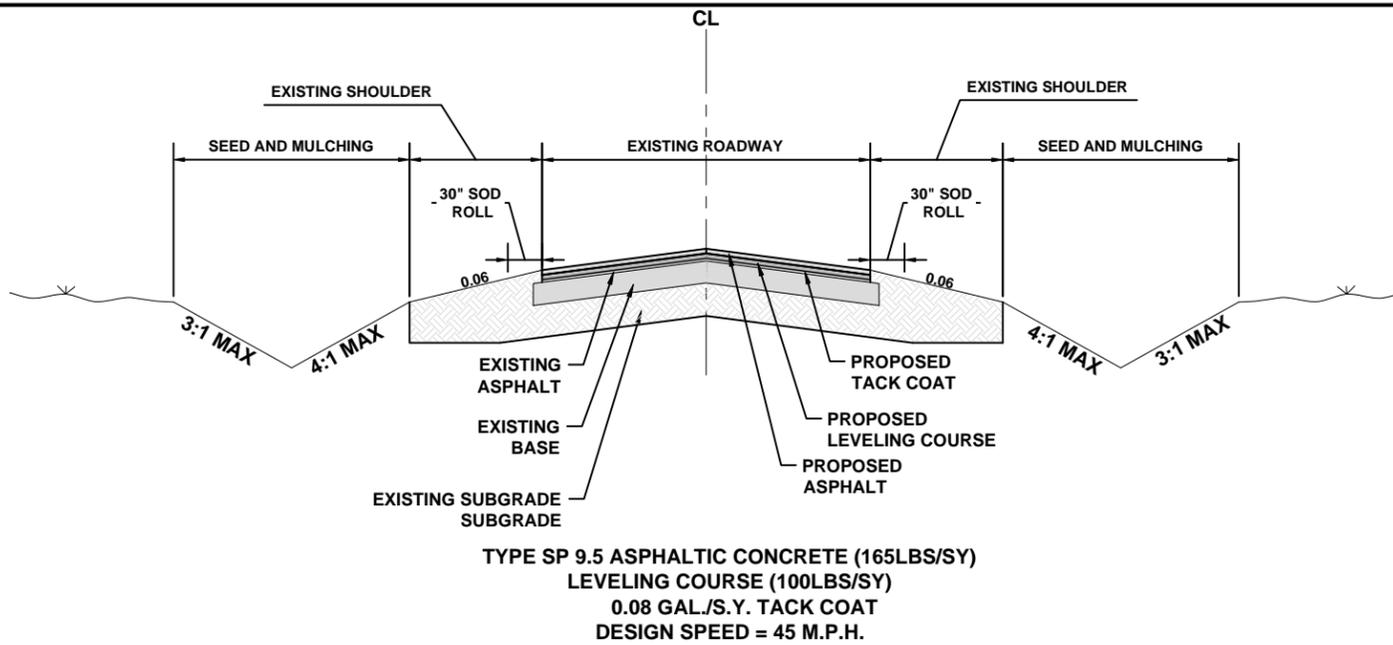
North Florida Professional Services, Inc.  
 P.O. BOX 3823  
 Lake City, FL 32025  
 Ph. 386-752-4675  
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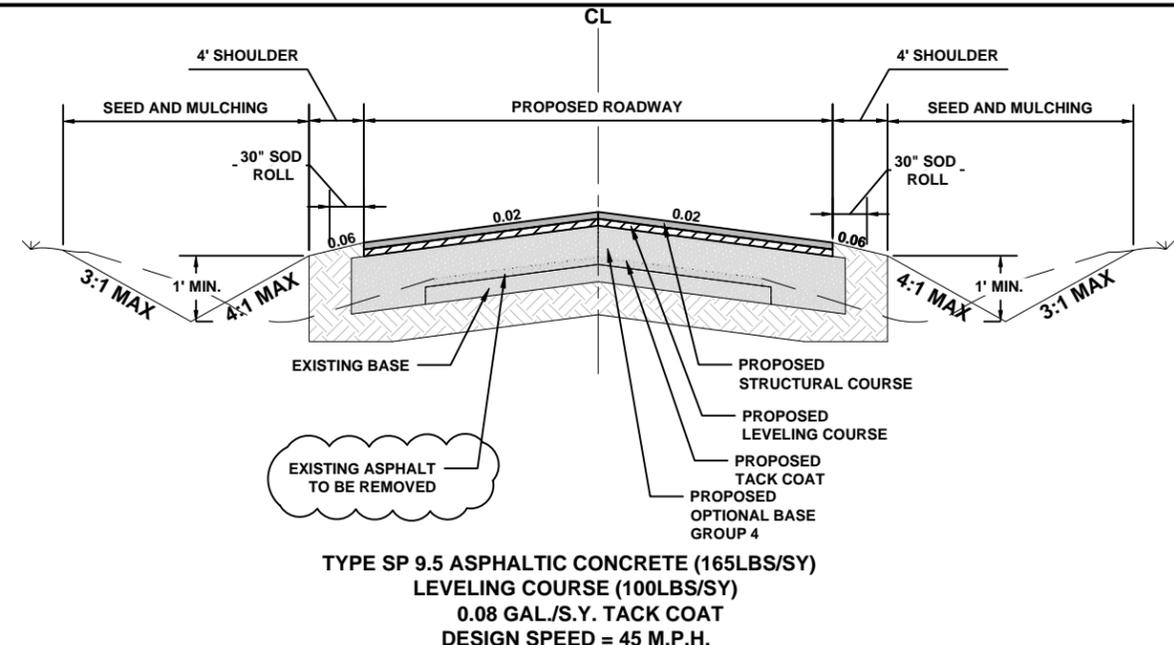
**EROSION CONTROL PLAN 1**  
**COLUMBIA HIGH SCHOOL IMPROVEMENTS**  
**LAKE CITY, FLORIDA**

REVISIONS:

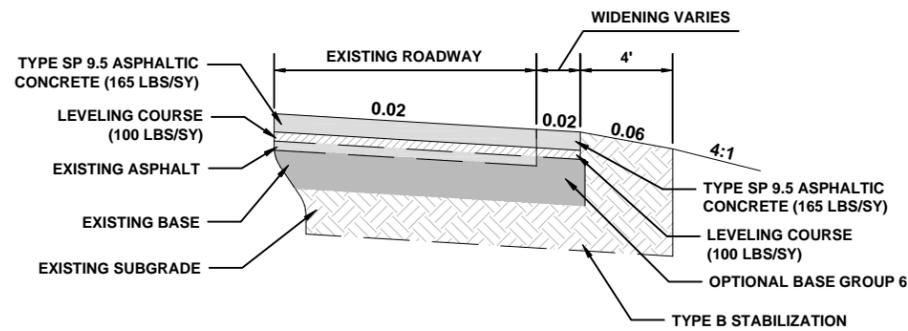
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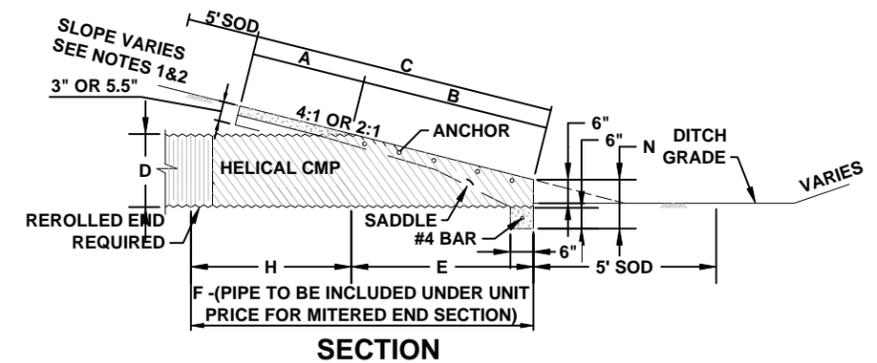
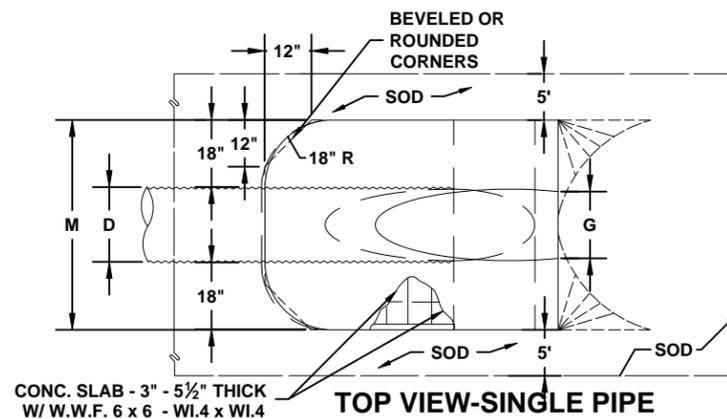
**1**  
44 **CR 252 TYPICAL SECTION**  
STA. 15+06 TO 19+04.52



**2**  
44 **CR 252 TYPICAL SECTION**  
STA. 21+40 TO 28+80



**3**  
44 **WIDENING AND SHOULDER DETAIL**  
STA. 19+04/52 TO 21+40 THEN 28+80 TO 33+24.17



**DIMENSIONS AND QUANTITIES**

	D	A	B	C	D	X	E	F	G	H	M				N	5 1/2" CONCRETE SLAB (CY)				SODDING (SQ. YDS.)			
											SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE		SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE	SINGLE PIPE	DOUBLE PIPE	TRIPLE PIPE	QUAD PIPE
4:1 SLOPE	1'-3"	2.5'	3.09'	5.59'	3'-0"	2'-7"	7'-0"	5'-0"	1.23	3.5'	4.33'	6.92'	9.50'	12.08'	1.04'	0.44	0.68	0.91	1.15	22	25	28	31
	1'-6"	2.5'	4.12'	6.62'	4'-0"	2'-10"	8'-0"	6'-0"	1.41'	4.0'	4.58'	7.42'	10.25'	13.08'	1.04'	0.49	0.77	1.03	1.31	24	27	30	33
	2'-0"	2.5'	6.18'	8.68'	6'-0"	3'-5"	10'-0"	7'-0"	1.73'	4.0'	5.08'	8.50'	11.92'	15.33'	1.04'	0.65	1.09	1.38	1.77	27	30	34	38
	2'-6"	2.5'	8.25'	10.75'	8'-0"	4'-3"	12'-0"	8'-0"	2.00'	4.0'	5.58'	9.83'	14.08'	18.33'	1.04'	0.81	1.34	1.9	2.44	29	34	39	44
	3'-0"	2.5'	10.31'	12.81'	10'-0"	5'-1"	14'-0"	9'-0"	2.24'	4.0'	6.08'	11.17'	16.25'	21.33'	1.04'	0.97	1.68	2.41	3.14	32	38	44	49
	3'-6"	2.5'	12.37'	14.87'	12'-0"	6'-0"	16'-0"	10'-0"	2.45'	4.0'	6.58'	12.58'	18.58'	24.58'	1.04'	1.13	2.08	3.06	4.02	35	42	48	55
	4'-0"	2.5'	14.43'	16.93'	14'-0"	6'-9"	18'-0"	11'-0"	2.65'	4.0'	7.08'	13.83'	20.58'	27.33'	1.04'	1.29	2.49	3.69	4.88	38	46	53	60
	4'-6"	2.5'	16.49'	18.99'	16'-0"	7'-8"	20'-0"	12'-0"	2.83'	4.0'	7.58'	15.25'	22.92'	30.58'	1.04'	1.48	2.98	4.47	5.98	41	49	58	66
	5'-0"	2.5'	18.55'	21.05'	18'-0"	8'-6"	22'-0"	13'-0"	3.00'	4.0'	8.08'	16.58'	25.08'	33.58'	1.04'	1.66	3.49	5.31	7.13	44	53	63	72

\*SLOPE:  
4:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER. 2:1 FOR PIPES 24" AND LARGER.  
2:1 MITER: TO | PIPE FOR PIPES 18" AND SMALLER.  
1:1 FOR PIPES 24" AND LARGER.

**4**  
44 **MITERED END SECTION**  
SCALE: N.T.S.

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Date Created: June 14, 2012  
Date Plotted: May 6, 2013

North Florida Professional Services, Inc.  
P.O. BOX 3823  
Tallahassee, FL 32318  
Lake City, FL 32025  
Ph. 877-335-1525  
Ph. 866-752-4675  
Fax. 866-752-4674  
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**MISC. DETAILS**  
COLUMBIA HIGH SCHOOL IMPROVEMENTS  
LAKE CITY, FLORIDA

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