ORMOND CN RAILWAY CULVERTS PROJECT

MATTHEW JEWELL
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BOB FISHER | COUNCILMAN DISTRICT VI
MICHELE DEBRULER | COUNCILWOMAN DISTRICT VII

ENGINEER

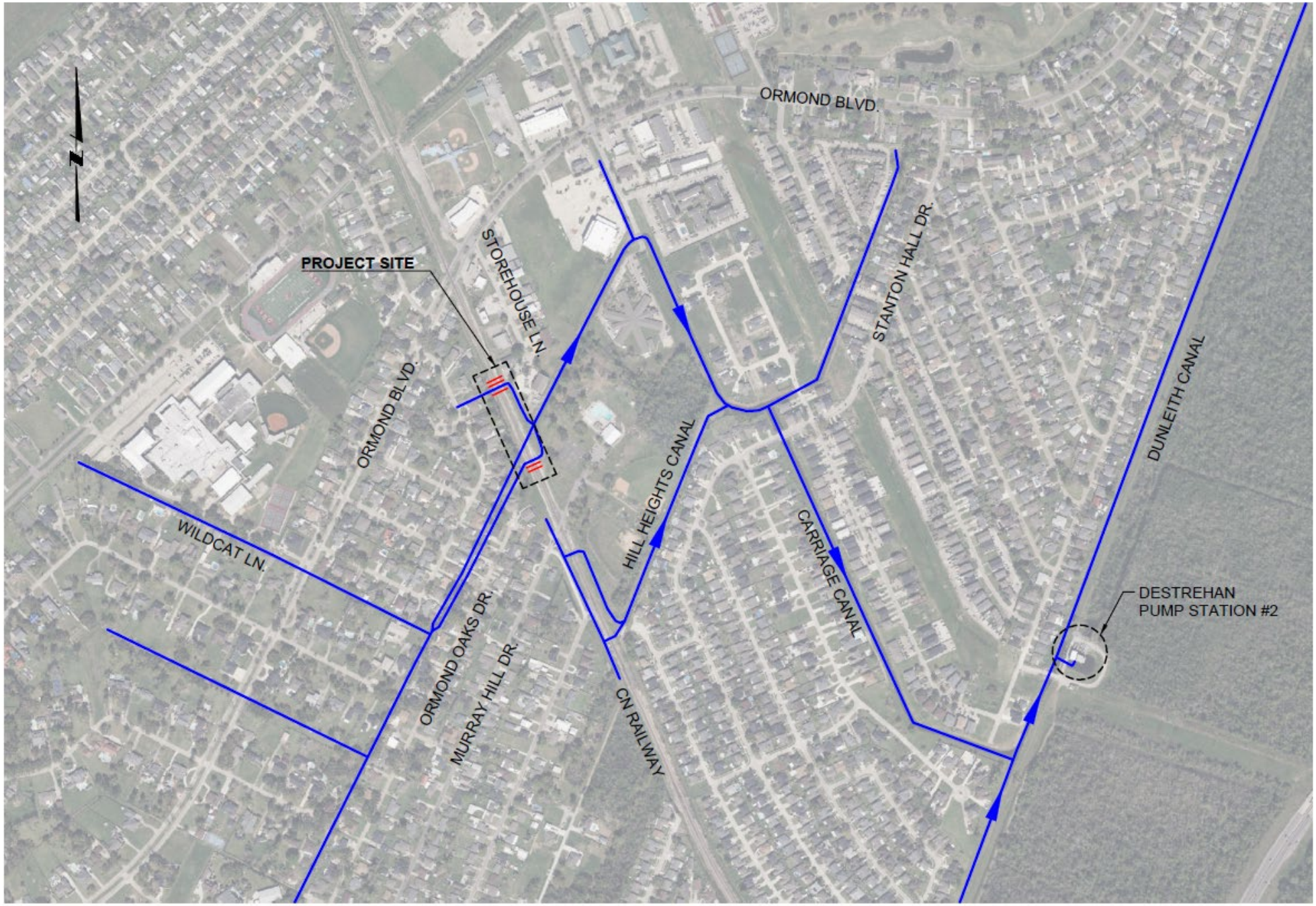
bbec
Barowka and Bonura
Engineers and Consultants, L.L.C.

CONTRACTOR

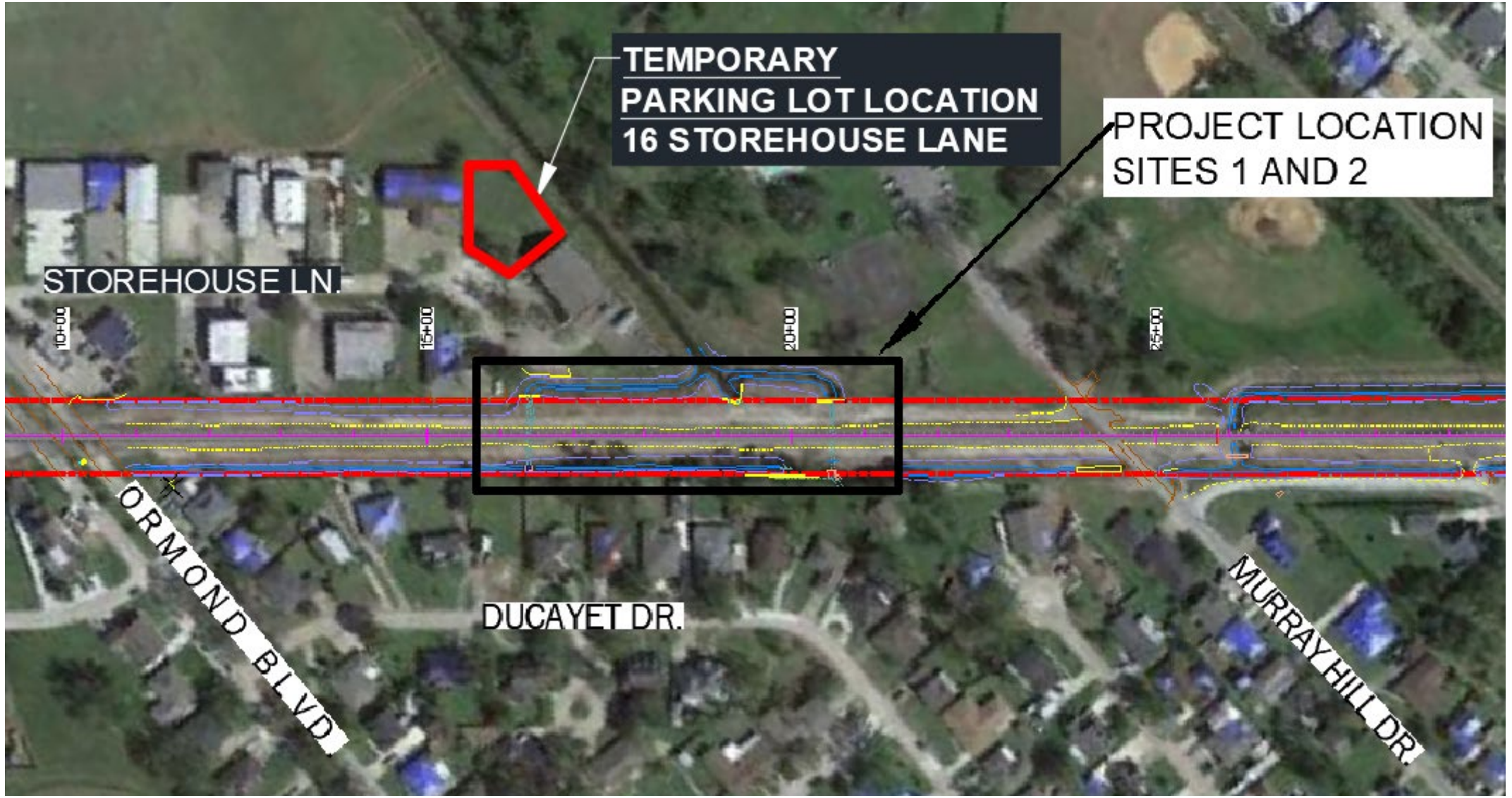
BLD SERVICES, LLC

Public Meeting
9/23/2025

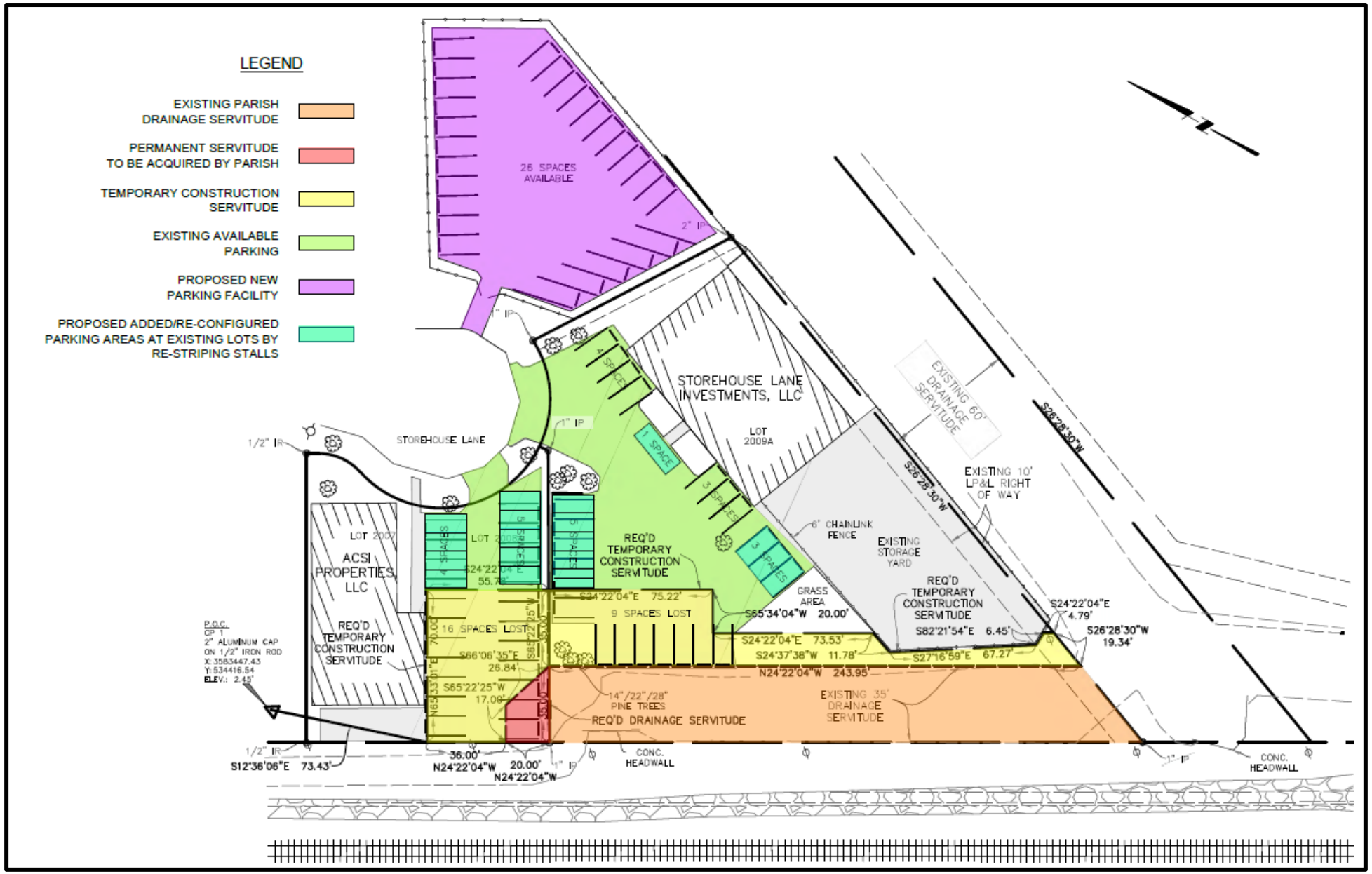
OVERALL VICINITY MAP



Project Site Map

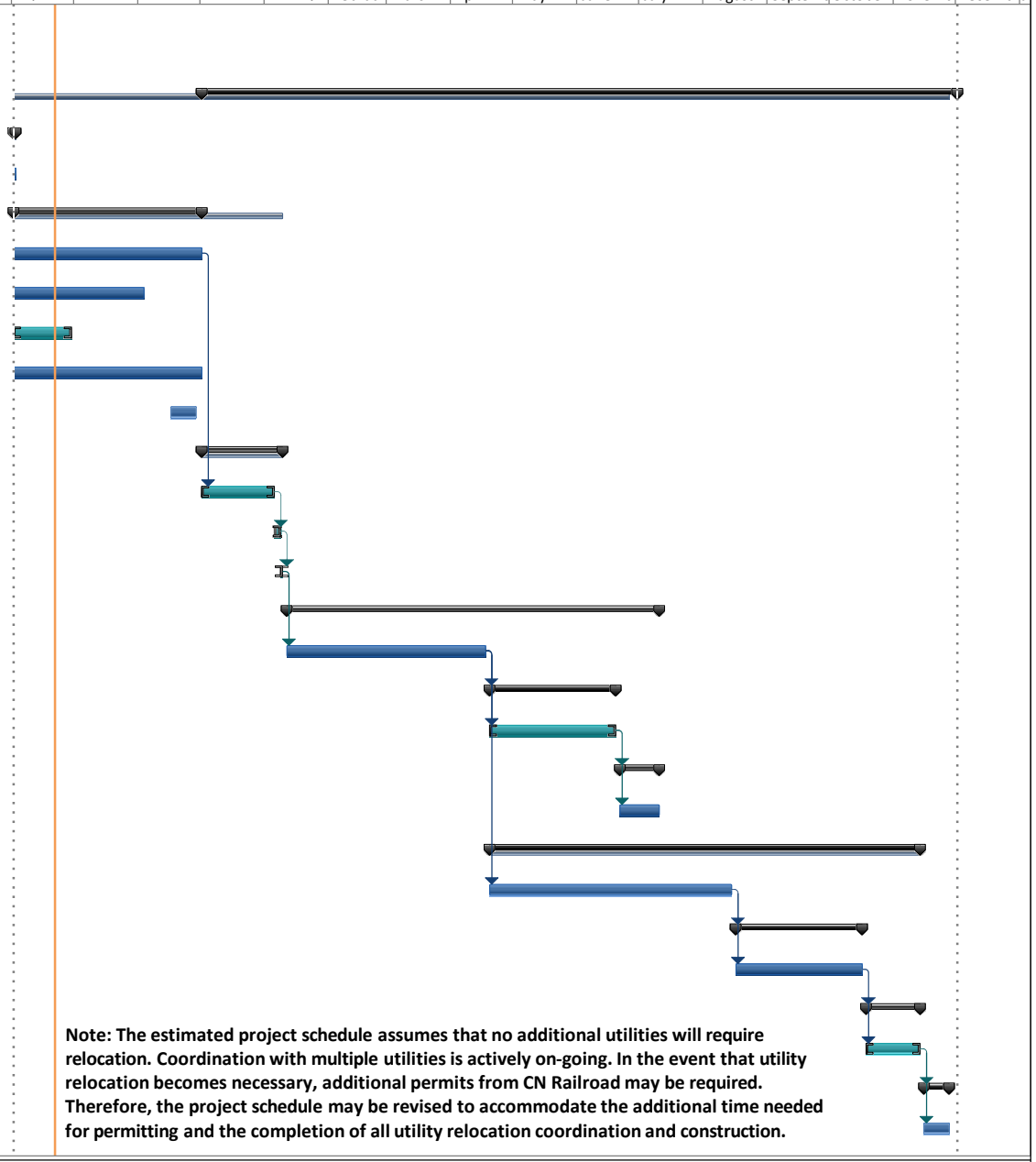


Site Plan – New Temporary Parking Lot



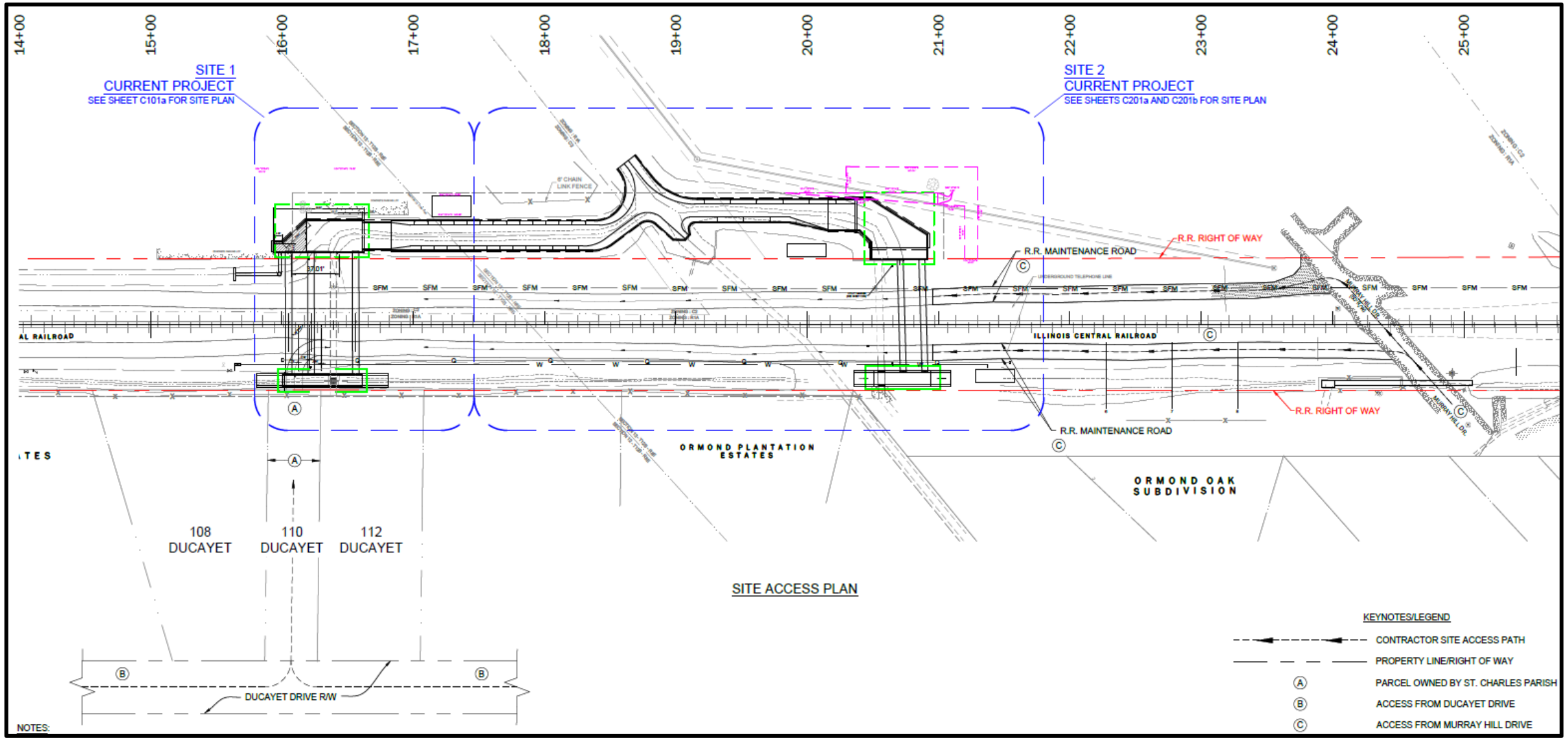
St. Charles Parish - Ormond CN Railway Culverts Project Preliminary Schedule

ID	Task	Task Name	Duration	Start	Finish
1		**St. Charles Parish - Ormond CN Railway Culverts Project**			
2		**Project Duration**	**261 days**	**Tue 12/2/25**	**Tue 12/1/26**
3		**Notice to Proceed**	**1 day**	**Tue 9/2/25**	**Tue 9/2/25**
4		Notice to Proceed	1 day	Tue 9/2/25	Tue 9/2/25
5		**Assembly Period**	**65 days**	**Tue 9/2/25**	**Mon 12/1/25**
6		Submittals	65 days	Tue 9/2/25	Mon 12/1/25
7		Surface and Interior Videos	45 days	Tue 9/2/25	Mon 11/3/25
8		Exploratory Excavation	20 days	Tue 9/2/25	Mon 9/29/25
9		Utility Relocation	65 days	Tue 9/2/25	Mon 12/1/25
10		Storehouse Parking Lot	10 days	Mon 11/17/25	Fri 11/28/25
11		**Waterline**	**29 days**	**Tue 12/2/25**	**Fri 1/9/26**
12		Install Sheeting and New Waterline	25 days	Tue 12/2/25	Mon 1/5/26
13		Testing and Chlorination	3 days	Tue 1/6/26	Thu 1/8/26
14		Tie-Ins	1 day	Fri 1/9/26	Fri 1/9/26
15		**Drainage Work Site 2**	**130 days**	**Mon 1/12/26**	**Fri 7/10/26**
16		Jack and Bore Work Culverts 1-2	70 days	Mon 1/12/26	Fri 4/17/26
17		**Concrete Structures**	**45 days**	**Mon 4/20/26**	**Fri 6/19/26**
18		Concrete Structures	45 days	Mon 4/20/26	Fri 6/19/26
19		**Re-Grade Canal**	**15 days**	**Mon 6/22/26**	**Fri 7/10/26**
20		Canal Work	15 days	Mon 6/22/26	Fri 7/10/26
21		**Drainage Work Site 1**	**150 days**	**Mon 4/20/26**	**Fri 11/13/26**
22		Jack and Bore Work Culverts 1-3	85 days	Mon 4/20/26	Fri 8/14/26
23		**Concrete Structures**	**45 days**	**Mon 8/17/26**	**Fri 10/16/26**
24		Concrete Structures	45 days	Mon 8/17/26	Fri 10/16/26
25		**Re-Grade Canal**	**20 days**	**Mon 10/19/26**	**Fri 11/13/26**
26		Canal Work	20 days	Mon 10/19/26	Fri 11/13/26
27		**Final Inspection**	**10 days**	**Mon 11/16/26**	**Fri 11/27/26**
28		Final Inspection / Punch list Work	10 days	Mon 11/16/26	Fri 11/27/26

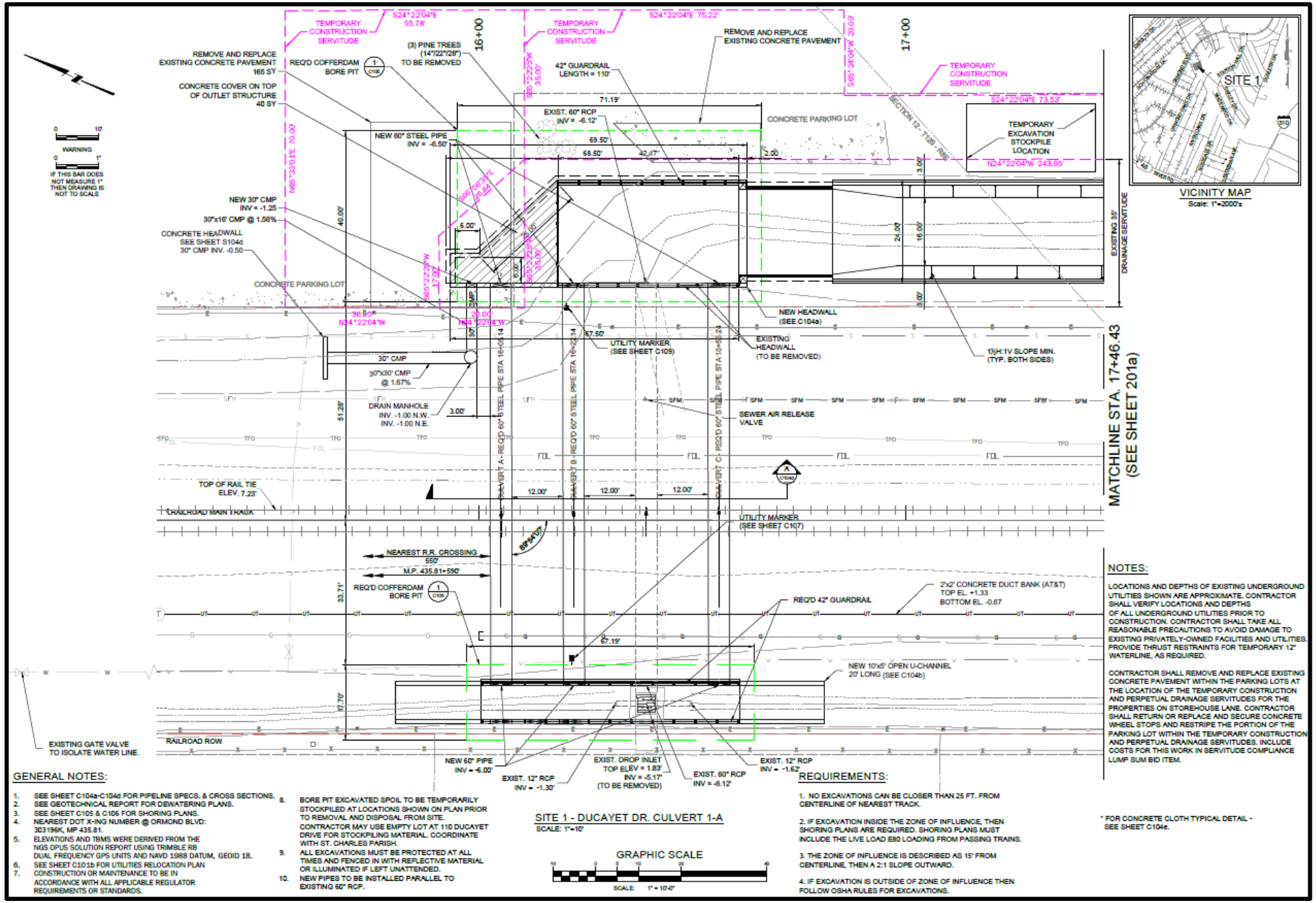


Note: The estimated project schedule assumes that no additional utilities will require relocation. Coordination with multiple utilities is actively on-going. In the event that utility relocation becomes necessary, additional permits from CN Railroad may be required. Therefore, the project schedule may be revised to accommodate the additional time needed for permitting and the completion of all utility relocation coordination and construction.

Project Overall Site Plan



Site Plan – Site 1



GENERAL NOTES:

1. SEE SHEET C104a-C104d FOR PIPELINE SPECS. & CROSS SECTIONS.
2. SEE GEOTECHNICAL REPORT FOR DEWATERING PLANS.
3. SEE SHEET C105 & C106 FOR SHORING PLANS.
4. NEAREST DOT X-ING NUMBER @ ORMOND BLVD: 303196K, MP 435.81.
5. ELEVATIONS AND TBMS WERE DERIVED FROM THE NGS OPUS SOLUTION REPORT USING TRIMBLE R8 DUAL FREQUENCY GPS UNITS AND NAVD 1988 DATUM, GEOID 18.
6. SEE SHEET C101b FOR UTILITIES RELOCATION PLAN
7. CONSTRUCTION OR MAINTENANCE TO BE IN ACCORDANCE WITH ALL APPLICABLE REGULATOR REQUIREMENTS OR STANDARDS.
8. BORE PIT EXCAVATED SPOIL TO BE TEMPORARILY STOCKPILED AT LOCATIONS SHOWN ON PLAN PRIOR TO REMOVAL AND DISPOSAL FROM SITE. CONTRACTOR MAY USE EMPTY LOT AT 110 DUCAYET DRIVE FOR STOCKPILING MATERIAL. COORDINATE WITH ST. CHARLES PARISH.
9. ALL EXCAVATIONS MUST BE PROTECTED AT ALL TIMES AND FENCED IN WITH REFLECTIVE MATERIAL OR ILLUMINATED IF LEFT UNATTENDED.
10. NEW PIPES TO BE INSTALLED PARALLEL TO EXISTING 60" RCP.

SITE 1 - DUCAYET DR. CULVERT 1-A
SCALE: 1"=10'

GRAPHIC SCALE
SCALE: 1" = 10'-0"

NOTES:

LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO AVOID DAMAGE TO EXISTING PRIVATELY-OWNED FACILITIES AND UTILITIES. PROVIDE THRUST RESTRAINTS FOR TEMPORARY 12" WATERLINE, AS REQUIRED.

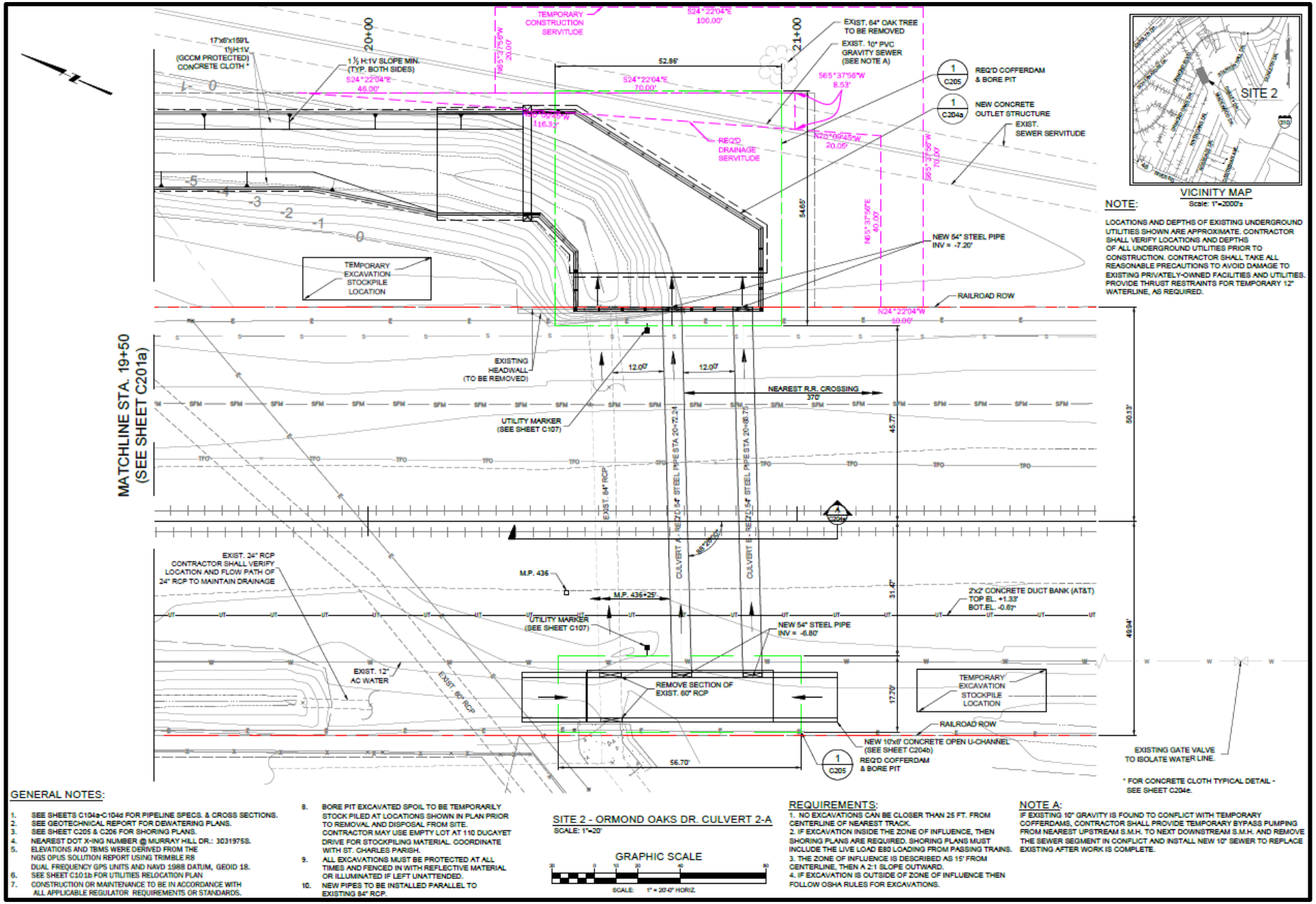
CONTRACTOR SHALL REMOVE AND REPLACE EXISTING CONCRETE PAVEMENT WITHIN THE PARKING LOTS AT THE LOCATION OF THE TEMPORARY CONSTRUCTION AND PERPETUAL DRAINAGE SERVITUDES FOR THE PROPERTIES ON STOREHOUSE LANE. CONTRACTOR SHALL RETURN OR REPLACE AND SECURE CONCRETE WHEEL STOPS AND RESTRIPE THE PORTION OF THE PARKING LOT WITHIN THE TEMPORARY CONSTRUCTION AND PERPETUAL DRAINAGE SERVITUDES. INCLUDE COSTS FOR THIS WORK IN SERVITUDE COMPLIANCE LUMP SUM BID ITEM.

REQUIREMENTS:

1. NO EXCAVATIONS CAN BE CLOSER THAN 25 FT. FROM CENTERLINE OF NEAREST TRACK.
2. IF EXCAVATION INSIDE THE ZONE OF INFLUENCE, THEN SHORING PLANS ARE REQUIRED. SHORING PLANS MUST INCLUDE THE LIVE LOAD E80 LOADING FROM PASSING TRAINS.
3. THE ZONE OF INFLUENCE IS DESCRIBED AS 15' FROM CENTERLINE, THEN A 2:1 SLOPE OUTWARD.
4. IF EXCAVATION IS OUTSIDE OF ZONE OF INFLUENCE THEN FOLLOW OSHA RULES FOR EXCAVATIONS.

* FOR CONCRETE CLOTH TYPICAL DETAIL - SEE SHEET C104e.

Site Plan – Site 2



GENERAL NOTES:

1. SEE SHEETS C104a-C104d FOR PIPELINE SPECS. & CROSS SECTIONS.
2. SEE GEOTECHNICAL REPORT FOR DEWATERING PLANS.
3. SEE SHEET C205 & C206 FOR SHORING PLANS.
4. NEAREST DOT X-ING NUMBER @ MURRAY HILL DR.: 303197SS.
5. ELEVATIONS AND TBMS WERE DERIVED FROM THE NGS OPUS SOLUTION REPORT USING TRIMBLE R8 DUAL FREQUENCY GPS UNITS AND NAVD 1988 DATUM, GEOID 18.
6. SEE SHEET C101b FOR UTILITIES RELOCATION PLAN
7. CONSTRUCTION OR MAINTENANCE TO BE IN ACCORDANCE WITH ALL APPLICABLE REGULATOR REQUIREMENTS OR STANDARDS.
8. BORE PIT EXCAVATED SPOIL TO BE TEMPORARILY STOCK PILED AT LOCATIONS SHOWN IN PLAN PRIOR TO REMOVAL AND DISPOSAL FROM SITE. CONTRACTOR MAY USE EMPTY LOT AT 110 DUCAYET DRIVE FOR STOCKPILING MATERIAL. COORDINATE WITH ST. CHARLES PARISH.
9. ALL EXCAVATIONS MUST BE PROTECTED AT ALL TIMES AND FENCED IN WITH REFLECTIVE MATERIAL OR ILLUMINATED IF LEFT UNATTENDED.
10. NEW PIPES TO BE INSTALLED PARALLEL TO EXISTING 84" RCP.

SITE 2 - ORMOND OAKS DR. CULVERT 2-A
SCALE: 1"=20'

GRAPHIC SCALE
SCALE: 1" = 20'-0" HORIZ.

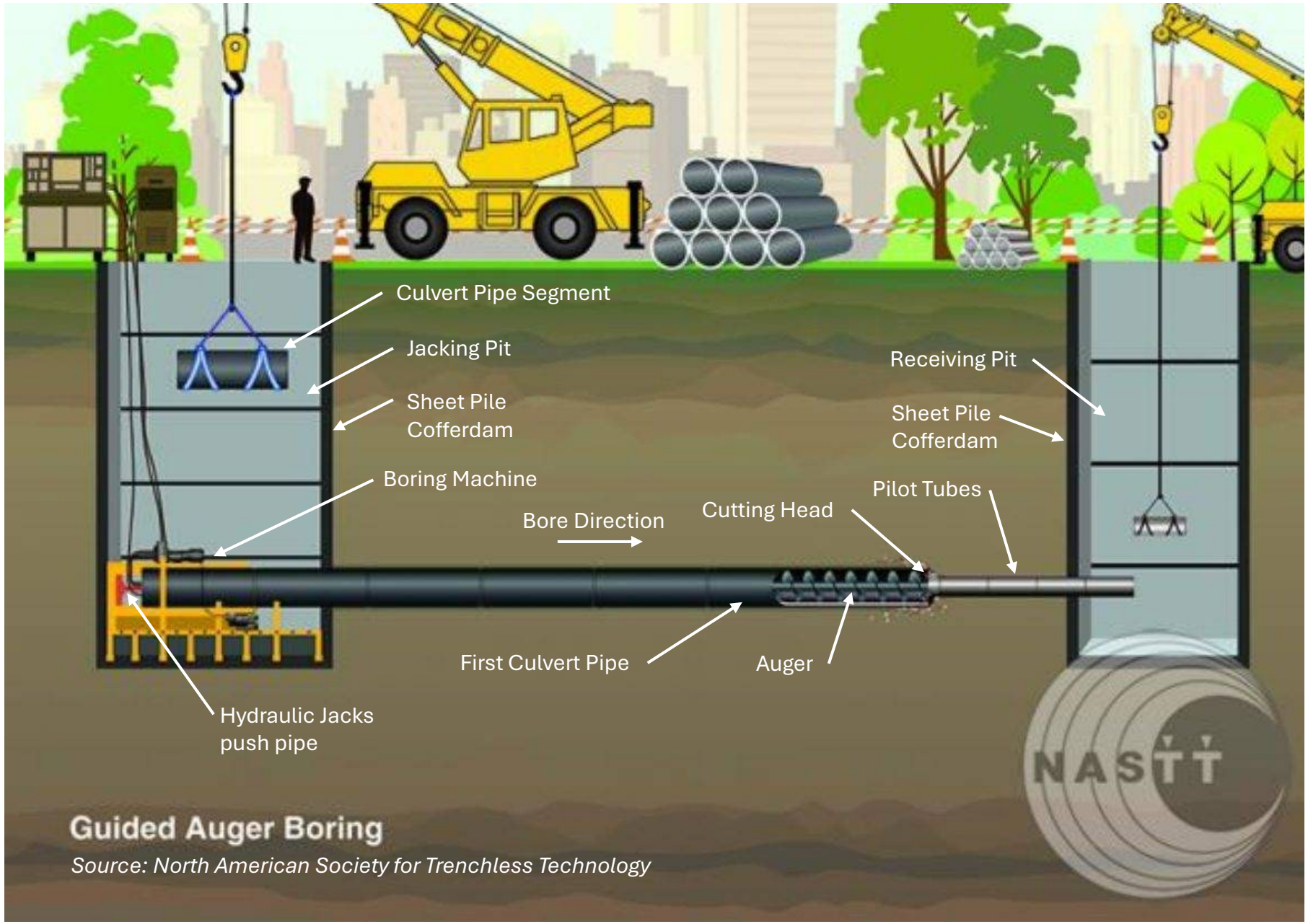
REQUIREMENTS:

1. NO EXCAVATIONS CAN BE CLOSER THAN 25 FT. FROM CENTERLINE OF NEAREST TRACK.
2. IF EXCAVATION INSIDE THE ZONE OF INFLUENCE, THEN SHORING PLANS ARE REQUIRED. SHORING PLANS MUST INCLUDE THE LIVE LOAD E80 LOADING FROM PASSING TRAINS.
3. THE ZONE OF INFLUENCE IS DESCRIBED AS 15' FROM CENTERLINE, THEN A 2:1 SLOPE OUTWARD.
4. IF EXCAVATION IS OUTSIDE OF ZONE OF INFLUENCE THEN FOLLOW OSHA RULES FOR EXCAVATIONS.

NOTE A:

IF EXISTING 10" GRAVITY IS FOUND TO CONFLICT WITH TEMPORARY COFFERDAMS, CONTRACTOR SHALL PROVIDE TEMPORARY BYPASS PUMPING FROM NEAREST UPSTREAM S.M.H. TO NEXT DOWNSTREAM S.M.H. AND REMOVE THE SEWER SEGMENT IN CONFLICT AND INSTALL NEW 10" SEWER TO REPLACE EXISTING AFTER WORK IS COMPLETE.

Jack and Bore Culvert Installation Process



Jack and Bore Culvert Installation – Bore Pit Examples

Jack and Bore Culvert Installation – Bore Pit Example