CITY OF MONROE
PUBLIC ENTERPRISE COMMITTEE
300 W. CROWELL STREET, MONROE, NC 28112
TUESDAY, JUNE 6, 2023 - 4:00 PM
AGENDA
www.monroenc.org

1. Public Enterprise Committee Meeting Minutes of April 3, 2023
2. Award of Purchase of Two AA55-ESR Bucket Trucks
3. Award of Purchase of One AT48M Bucket Truck
4. Resolution for Natural Gas Hedging Transactions
5. Rocky River Business Park Request for Variance
6. Update on NCDOT Project U-6031

Public Enterprise Committee Minutes
April 3, 2023
City Hall Conference Room
3:00 p.m.

Members Present:	**Council Member Freddie Gordon (Chair), Council Member James Kerr**
Staff:	**Mark Watson, Lisa Stiwinter, Ashley Britt, Scott Clark, Robert Miller, Sarah McAllister, Lisa Strickland, Cathy Nance**
Guest:	**Loretta Melancon**

Council Member Freddie Gordon called the April 3, 2023 Public Enterprise Committee meeting to order at 3:00 p.m.

Item #1: Adoption of Minutes of the Meeting

Recommendation:
Council Member Freddie Gordon asked if anyone would like to make a motion that the minutes of the March 7, 2023 Public Enterprise Committee be approved.

Motion:	Adopt March 7, 2023 PEC Meeting Minutes
Motion made by:	Council Member James Kerr
Second:	Council Member Freddie Gordon
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #2. Noise Ordinance Item

Recommendation:
Informational only. No recommendation required.

Presentation and Discussion:
Rob Miller, Director of Energy Services, shared information regarding a noise issue.

Item #3: Downtown Electric System Upgrade Project

Recommendation:
Informational only. No recommendation required.

Presentation and Discussion:
Rob Miller, Director of Energy Services, provided background, work completed thus far, remaining work, and the project schedule with committee members.

Item #4: Award of Purchase of Two DH50 Digger Derrick Trucks

Recommendation:
Energy Services staff requests that Public Enterprises Committee approve sending this request to purchase two digger derrick trucks for $680,642 to City Council for approval. Staff requests that this item be placed on the Council consent agenda and Authorize the City Manager to execute documents.

Presentation and Discussion:
Rob Miller, Director of Energy Services, said the funds were budgeted this year and last year. Receipt of the trucks will be sometime in 2024. Energy Services is planning to purchase two more coming up soon for receipt in 2026. We are trying to make sure that the funds are encumbered appropriately.

Chairman Gordon asked for the definition of a digger derrick truck. Rob Miller said it includes equipment for installing poles, an auger, and allows crews to function up on the poles as well as installing poles. These are replacement vehicles.

Motion:	Motion to approve placing item on the consent agenda of the next Council meeting
Motion made by:	Council Member James Kerr
Second:	Council Member Freddie Gordon
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #5: Contract Award for Replacement of Airport T1 Load Tap Changer

Recommendation:
Energy Services staff requests the Public Enterprise Committee approve sending this request to City Council for approval to award the contract for the Load Tap Changer replacement to Reinhausen Manufacturing, Inc. in the amount of $282,439.00, and authorize City Manager to execute documents.

Presentation and Discussion:
Rob Miller, Director of Energy Services, said that Energy Services has identified the need to replace the load tap changer on the Airport T1 transformer. Reinhausen was the only source for matching the other load tap changers on our system. Energy Services staff requests the Public Enterprise Committee to consider approving a contract for Reinhausen Manufacturing, Inc. to provide, install, and test the load tap changer for $282,439.00. Sufficient funds are available in the capital project fund EL2303.

Motion:	Motion to approve placing item on the consent agenda of the next Council meeting
Motion made by:	Council Member James Kerr
Second:	Council Member Freddie Gordon
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #6: Budget Amendment for Collections System Monitoring Technology

Recommendation:
Water Resources staff requests the Public Enterprise committee approve Budget Amendment 2023-08 in the amount of $46,000.00, and place on the consent agenda at the April 11, 2023 Council meeting.

Presentation and Discussion:
Scott Clark, Director of Water Resources, said that his department received a Notice of Violation with Intent to Issue Civil Penalty on February 23, 2023 from the North Carolina Department of Environmental Quality. The violation is for a sanitary sewer overflow that occurred on January 25, 2023, estimated to be about 4240 gallons. The overflow was along Wolf Pond Road, where we have had eight spills since 2010. We received six inches of rain in a 24-hour period. During wet seasons, there is more water entering the system but it is difficult to locate where water enters the system. Water Resources is requesting nine additional smart covers to determine where excess water is entering the system. We have a breach in our system somewhere, and we need to find the most efficient way to leverage our resources to track this.

Motion:	Motion to approve placing Budget Amendment 2023-08 on the consent agenda for the next Council meeting
Motion made by:	Council Member Freddie Gordon
Second:	Council Member James Kerr
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #7: Union County and City of Monroe Agreement Information

Recommendation:
Water Resources staff requests direction from the Public Enterprise Committee on future water/sewer agreements with Union County.

Presentation and Discussion:
Scott Clark, Director of Water Resources, said that the City has a long-standing agreement with Union County, in which we collect sewer from them to process up to 2.65 million gallons at our wastewater treatment plant. We have an agreement with them in which we can purchase up to 1.99 million gallons of water from them. Our wastewater treatment plant has a planned expansion, and the county has reached out and asked for an additional capacity of 700,000 gallons when the expanded plant comes online. We would like to continue to speak with them regarding an amendment to our current agreement, in which they would get the additional capacity of sewer, if we can have the option to purchase an additional 1.99 million gallons of treated water. This would provide resilience for Monroe for many years to come. We would like your support in furthering these conversations.

City Manager Mark Watson asked if the county is going to open up their IBT. Scott Clark said yes, they will need to open up their IBT, and it may take 24 months. There may be legal challenges.

Chairman Gordon said Monroe needs to obtain all the capacity they can get, for the future.

City Manager Mark Watson asked if this would still fall within the limits of our discharge. Scott Clark said it does. City Manager Mark Watson and Scott Clark then discussed the effect a new agreement would have on bonds and debt.

Motion:	Motion to approve continued talks between Water Resources and Union County regarding water and sewer agreements.
Motion made by:	Council Member James Kerr
Second:	Council Member Freddie Gordon
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #8: Contract for 2023 Sanitary Sewer CIPP Rehabilitation

Recommendation:
Water Resources staff request the Public Enterprise Committee approve the contract award for the completion of a sanitary sewer main ultraviolet light cured in place lining project.

Presentation and Discussion:
Scott Clark, Director of Water Resources, said this is a contract for sanitary sewer cured in place project to replace approximately 5000 feet in our service territory, which is part of our long-term effort to rehabilitate our sanitary sewer system. We received two bids. The low bid was CaJenn Construction and Rehabilitation for $475,211.12.

Motion:	Motion to approve the item to be placed on the consent agenda for the next Council meeting and to authorize the City Manager to execute all documents.
Motion made by:	Council Member James Kerr
Second:	Council Member Julie Thompson
Voting:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon **Opposed:** None
Action:	Motion adopted

Item #9: DOE Grid Resilience Grant Application with Electricities

Recommendation:
Energy Services staff requests that the Public Enterprise Committee approve the City Manager to execute the grant application documents per the requirements of City of Monroe policy FA-14.

Presentation and Discussion:
Rob Miller, Director of Energy Services, said that as part of the bipartisan infrastructure law, the DOE Grid Resilience Innovation Partnership program was developed. The City of Monroe will apply with 20 other cities in North Carolina who are members of Electricities. The grant funding will be used for the planning, engineering, materials, equipment and labor to install advanced metering infrastructure (AMI). AMI allows us to read the meters from remote locations. The estimated project cost is $4,684,482. As part of the joint applications, the City would be required to pay $1,171,121 cost share. The City does not have any responsibilities for the other applicants. If the grant is approved, staff will then request City Council to approve the receipt of funding.

Motion:	Approve the item, allowing the City Manager to execute the grant application documents
Motion made by:	Council Member James Kerr
Second:	Council Member Freddie Gordon

<u>Voting</u>:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon. **Opposed:** None
<u>Action</u>:	Motion adopted

<u>Item #10: Other</u>

Council Member Gordon asked if there was any other business to discuss. There was none.

Council member James Kerr made the motion to adjourn. Council Member Freddie Gordon seconded the motion.

<u>Motion</u>:	Adjourn the Public Enterprise Committee meeting
<u>Motion made by</u>:	Council Member James Kerr
<u>Second</u>:	Council Member Freddie Gordon
<u>Voting</u>:	**In Favor:** Council Member James Kerr, Council Member Freddie Gordon. **Opposed:** None
<u>Action</u>:	Motion adopted

There being no further business, the meeting adjourned at 4:01 p.m.

____
Freddie Gordon, Chair

<u>Next Meeting-</u> May 2, 2023 at 4:00 p.m.

STAFF REPORT

TO: Public Enterprise Committee

VIA: Mark Watson, City Manager

DATE: June 6, 2023

FROM: Robert Miller, Director of Energy Services

PREPARED BY: Eric R. Howell, Electric Operations Manager

SUBJECT: Award of Purchase of (2) two AA55-ESR Bucket Trucks

SUMMARY STATEMENT

The Public Enterprise Committee is requested to consider approving the purchase of (2) two AA55-ESR Bucket trucks for the Energy Services Department – Electric Division.

REVIEW

The Purchasing Department has identified (2) two AA55-ESR Bucket trucks that meet all the needs and specifications for the Electric Division through Sourcewell. Sourcewell is a purchasing cooperative that collectively bids specified vehicles and equipment providing competitive pricing as well as meeting statutory requirements. Municipalities and various educational institutions are allowed to utilize Sourcewell through membership to the cooperative. The City has been a member since 2010 and utilizing these contracts saves the time and expense of processing formal bids.

The vendor (Altec Industries, Inc.) and Sourcewell have entered into an agreement (Contract #12418-ALT) for the procurement of (2) two Bucket trucks. Altec Industries, Inc. has provided a quote to the City for the Bucket trucks in the amount of $340,464 per truck that meets the requirements of the Sourcewell Contract. Therefore, it is recommended to purchase the (2) two Bucket trucks through Sourcewell's Cooperative Purchasing program from Altec Industries, Inc. in the amount of $340,464 per truck for a combined purchase price of $680,928.

RECOMMENDATION

Staff requests the Public Enterprise Committee approve sending this request to City Council for approval to award the purchase of (2) two AA55-ESR Bucket trucks to Altec Industries, Inc. in the amount of $680,928 through Sourcewell's Cooperative Purchasing program. Sufficient funds are budgeted for the acquisition in account number 5408220 424010. Staff requests that this item is placed on the City Council consent agenda to authorize the City Manager to execute the necessary documents.

City of Monroe
Where Heartland Meets High Tech

STAFF REPORT

TO: Public Enterprise Committee

VIA: Mark Watson, City Manager

DATE: June 6, 2023

FROM: Robert Miller, Director of Energy Services

PREPARED BY: Eric R. Howell, Electric Operations Manager

SUBJECT: Award of Purchase of one AT48M Bucket Truck

SUMMARY STATEMENT

The Public Enterprise Committee is requested to consider approving the purchase of an AT48M Bucket truck for the Energy Services Department – Electric Division.

REVIEW

The Purchasing Department has identified an AT48M Bucket truck that meets all the needs and specifications for the Electric Division through Sourcewell. Sourcewell is a purchasing cooperative that collectively bids specified vehicles and equipment providing competitive pricing as well as meeting statutory requirements. Municipalities and various educational institutions are allowed to utilize Sourcewell through membership to the cooperative. The City has been a member since 2010 and utilizing these contracts saves the time and expense of processing formal bids.

The vendor (Altec Industries, Inc.) and Sourcewell have entered into an agreement (Contract #12418-ALT) for the procurement of a Bucket truck. Altec Industries, Inc. has provided a quote to the City for the Bucket truck in the amount of $241,768 that meets the requirements of the Sourcewell Contract. Therefore, it is recommended to purchase the Bucket truck through Sourcewell's Cooperative Purchasing program from Altec Industries, Inc. in the amount of $241,768. .

RECOMMENDATION

Staff requests the Public Enterprise Committee approve sending this request to City Council for approval to award the purchase of an AT48M Bucket truck to Altec Industries, Inc. in the amount of $241,768 through Sourcewell's Cooperative Purchasing program. Sufficient funds are budgeted for the acquisition in account number 5408220 424010. Staff requests that this item is placed on the City Council consent agenda to authorize the City Manager to execute the necessary documents.

RESOLUTION DESIGNATING INDIVIDUALS AUTHORIZED TO PERFORM NATURAL GAS FUTURE PURCHASE TRANSACTIONS ON BEHALF OF CITY OF MONROE
R-2023-39

WHEREAS, the City of Monroe has a contract with Symmetry Energy, LLC. (formerly Centerpoint Energy Services, Inc.) for the sale and purchase of natural gas dated August 1, 2017 (hereinafter "the Contract");

WHEREAS, said Contract provided in pertinent part as follows:

> "7. Subject to prior credit approval by Seller, Buyer may elect to lock in the price for up to seventy-five percent (75%) of the Contract Quantity. The locked price and the quantity of Gas subject thereof must be mutually agreed upon by the parties and any such agreement will be set forth in a separate fixed price transaction confirmation. Unless otherwise specifically provided in the fixed price transaction confirmation, quantities subject of a fixed price will also be subject to all transport charges, fuel, or other fees or charges provided in this Transaction Confirmation. If, at the end of the Delivery Period or any extension thereof, there remain in effect any fixed price transactions for any Months thereafter, the parties will mutually agree upon one of the following options with respect to any such fixed price transactions: (i) such transactions will be liquidated by Seller in accordance with the early termination provisions of the Base Contract; (ii) such transactions will be novated by Seller to Buyer's designated replacement supplier, or (iii) Seller will continue to sell and deliver Gas to buyer at the prices, quantities and for the remaining term of such transactions, but the Delivery Point with respect thereto will be at the applicable market area pools at which Buyer possesses contractual pipeline transportation receipt points, and it will be the responsibility of buyer for transporting such quantities away from the market area pools to Buyer's ultimate delivery point(s)."

WHEREAS, in order to lock in the price of gas the City, through Symmetry (or other contractors in the future), plans to enter into a futures natural gas purchase agreement which will hedge against fluctuations in price;

WHEREAS, natural gas is a commodity for which weather and supply cause prices to be volatile;

WHEREAS, the purchase of natural gas futures is an industry best practice which provides stable rates;

WHEREAS, the City of Monroe believes that natural gas futures purchases can reduce the risks inherent in the natural gas market and help provide stable rates for customers.

NOW, THEREFORE, BE IT RESOLVED that, subject to the terms of the contract, or other future contracts containing similar provisions, the following individuals are jointly authorized by the City Council to enter into natural gas futures agreements on behalf of the City of Monroe:

William Mark Watson, City Manager
Lisa A. Strickland, Finance Director
Robert Miller, Energy Services Director

Adopted this the _____ day of __________, 2023.

____
Marion L. Holloway, Jr., Mayor

Attest:

____
Bridgette H. Robinson, City Clerk

00173951.1

STAFF REPORT

TO:	Public Enterprise Committee
VIA:	Mark Watson, City Manager
DATE:	June 6, 2023
FROM:	Rob Miller, Energy Services Director
PREPARED BY:	Rob Miller, Energy Services Director
SUBJECT:	Adopt the Resolution R-2023-39 for Natural Gas Hedging Transactions

SUMMARY STATEMENT

The Public Enterprise Committee is requested to consider approval of Resolution R-2023-39 for natural gas hedging transactions.

REVIEW

The Resolution details that City Council authorizes staff personnel to execute natural gas hedging transactions.

RECOMMENDATION

Staff recommends that the Public Enterprise Committee approve sending Resolution R-2023-39 to City Council for approval. Staff requests that this item is placed on the City Council consent agenda.

Attachment:
Resolution R-2023-39

STAFF REPORT

TO: Public Enterprise Committee

VIA: Mark Watson, City Manager

DATE: June 6, 2023

FROM: Sarah McAllister, P.E., Engineering Director

PREPARED BY: Sarah McAllister, P.E., Engineering Director

SUBJECT: Rocky River Business Park Request for Variance

SUMMARY STATEMENT

Phillip Hines, PE, with Eagle Engineering, Inc. has submitted a variance request from the sidewalk requirement along Rocky River Road for the Rocky River Business Park. The variance request is allowed in accordance with Section 02.02.10 *Exemptions for Required Street Improvements* from the City of Monroe Standard Specifications and Detail Manual.

REVIEW

The City of Monroe *Standard Specifications and Detail Manual*, Section 02.02.06 Sidewalk Requirements, requires sidewalk to be provided along existing arterial and collector streets as a development requirement based on a list of streets identified in section 02.02.06 B. Development Requirements of the Manual. Therefore, an eight-foot wide sidewalk is required along Rocky River Road as part of the Rocky River Business Park's site development. Phillip Hines, PE, with Eagle Engineering, Inc. has submitted a request for an exemption from the sidewalk requirement. He has submitted the following reasons for the request:

- The portion of sidewalk fronting the property along N Rocky River Road is entirely in the flood plain and they would like to propose the least amount of new impervious surface possible.
- The sidewalk would be very difficult to install over Dry Fork culvert crossing. There is very limited space on the downstream side of N Rocky River Road.
- They are not proposing sidewalks on their site.
- There is no sidewalk on N Rocky River Road within miles north and south of this site.

The overall site plan and email requesting the variance are attached for reference. Engineering Staff is not opposed to the sidewalk variance request. No other deviation is proposed from the City of Monroe Standard Specifications and Detail Manual.

RECOMMENDATION

Staff will be prepared to discuss this item at the next Public Enterprise Committee meeting.

Attachments:
Variance Request from Phillip Hines, PE
Rocky River Business Park Site Plan

Sarah McAllister

From: phillip.hines@eagleonline.net
Sent: Wednesday, February 8, 2023 4:00 PM
To: Sarah McAllister
Cc: MKirchner@eagleonline.net; jroberts@eagleonline.net; 'Steven Prophet'; 'Brice Dimitruk'; 'Alan Hyde'; kayle.schmidt@eagleonline.net; Doug Britt
Subject: RE: PREN202201358 - Rocky River Business Park (7430) - 8' Sidewalk Comment
Attachments: ESC Disapproval Letter 120921.pdf

Good afternoon Sarah,

I do hope this email finds you well and that you are having a good week.

The attached ESC Disapproval letter has comments 'in addition to the comments from the erosion control plan review' that does not have the information of the person issuing them. This letter goes back a bit, as we have been working on the flood plain requirements with FEMA.

The last comment (#7) in the attached disapproval states that an 8-foot-wide-sidewalk is required along the property fronting N. Rocky River Rd. I hoping we can be exempt from this stipulation on the following grounds:
1. This portion of sidewalk fronting the property along N. Rocky River Road is entirely in the flood plain and we'd like to propose the least amount of new impervious as possible.
2. The sidewalk would be very difficult to install over Dry Fork Culvert crossing. There is very limited space on the downstream side of N. Rocky River Road.
3. We are not proposing Sidewalks on our site.
4. There is no sidewalk on N. Rocky River Road within miles North and South of our site.

7. An 8-foot-wide sidewalk is required along the property frontage on N. Rocky R
add note on site plan referring to the 8' sidewalk. Show roadside ditch typical s

Please let me know your thoughts. If you are not the correct person to direct this question to, please let me know who that would be.

Thank you in advance for your assistance.

Sincerely,

D. Phillip Hines, P.E.
Project Manager | Civil Division
Eagle Engineering, Inc.

2013 Van Buren Avenue, Indian Trail, NC 28079
Direct: 704.234.6559
Main: 704.882.4222
Cell: 980.213.0496
Fax: 866.775.0329

SITE NOTES:

1. THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES. THE LOCATION OF ALL EXISTING UTILITIES ARE NOT NECESSARILY SHOWN ON THE PLANS AND WHERE SHOWN ARE ONLY APPROXIMATE. THE CONTRACTOR SHALL ON HIS INITIATIVE AND AT NO EXTRA COSTS HAVE LOCATED ALL UNDERGROUND LINES AND STRUCTURES AS NECESSARY. NO CLAIMS FOR DAMAGES OR EXTRA COMPENSATION SHALL ACCRUE TO THE CONTRACTOR FROM THE PRESENCE OF SUCH PIPE, OTHER OBSTRUCTIONS OR FROM ANY DELAY DUE TO REMOVAL OR REARRANGEMENT OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UNDERGROUND STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL NON-SUBSCRIBING UTILITIES. THE CONTRACTOR(S) SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-632-4949 OR 811 FOR ASSISTANCE IN LOCATING EXISTING UTILITIES. CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.

2. THE LOCATIONS OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UTILITIES WITH THE UTILITY OWNERS PRIOR TO COMMENCEMENT OF CONSTRUCTION.

3. PRIOR TO STARTING CONSTRUCTION, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. FAILURE OF THE CONTRACTOR TO FOLLOW THIS PROCEDURE SHALL CAUSE THE CONTRACTOR TO ASSUME FULL RESPONSIBILITY FOR ANY SUBSEQUENT MODIFICATION OF THE WORK MANDATED BY ANY REGULATORY AUTHORITY. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.

4. THE GENERAL CONTRACTOR SHALL CONTACT ALL OWNERS OF EASEMENTS, UTILITIES AND RIGHT-OF-WAYS, PUBLIC OR PRIVATE, PRIOR TO WORKING IN THESE AREAS. ACCESS SHALL BE LIMITED UNTIL PERMISSION IS GRANTED.

5. CONTRACTOR SHALL MAINTAIN THE SITE IN A MANNER SO THAT WORKMEN AND PUBLIC SHALL BE PROTECTED FROM INJURY, AND ADJOINING PROPERTY PROTECTED FROM DAMAGE.

6. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING ITEM AND/OR MATERIAL INSIDE OR OUTSIDE CONTRACT LIMITS DUE TO CONSTRUCTION OPERATIONS.

7. ALL SITE DIMENSIONS ARE TO THE BACK OF CURB, UNLESS OTHERWISE NOTED.

8. THE GENERAL CONTRACTOR SHALL KEEP THE AREA OUTSIDE THE "CONSTRUCTION LIMITS" BROOM CLEAN AT ALL TIMES AND REMOVE ALL TRASH AND DEBRIS FROM THE SITE UPON COMPLETION OF THE PROJECT AND AT LEAST ONCE A WEEK DURING CONSTRUCTION.

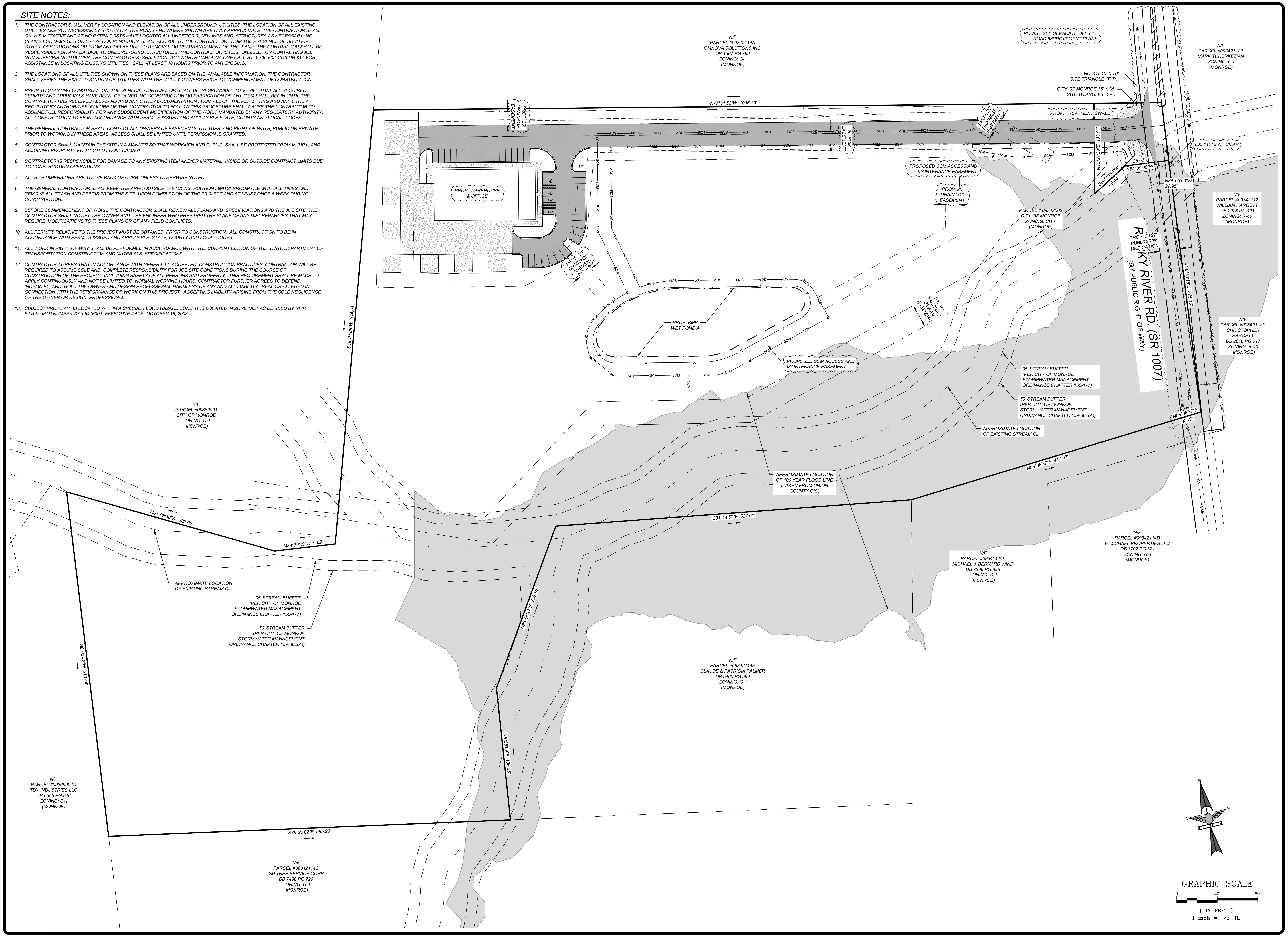
9. BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL REVIEW ALL PLANS AND SPECIFICATIONS AND THE JOB SITE. THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER WHO PREPARED THE PLANS OF ANY DISCREPANCIES THAT MAY REQUIRE MODIFICATIONS TO THESE PLANS OR OF ANY FIELD CONFLICTS.

10. ALL PERMITS RELATIVE TO THE PROJECT MUST BE OBTAINED, PRIOR TO CONSTRUCTION. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH PERMITS ISSUED AND APPLICABLE STATE, COUNTY AND LOCAL CODES.

11. ALL WORK IN RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH "THE CURRENT EDITION OF THE STATE DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIALS SPECIFICATIONS".

12. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY, AND HOLD THE OWNER AND DESIGN PROFESSIONAL HARMLESS OF ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, ACCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN PROFESSIONAL.

13. SUBJECT PROPERTY IS LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "AE" AS DEFINED BY NFIP F.I.R.M. MAP NUMBER 3710541600J, EFFECTIVE DATE: OCTOBER 16, 2008.



EAGLE ENGINEERING

FIRM LICENSE # C-0873
2013A Van Buren Avenue
Indian Trail, NC 28079
(704) 882-4222
www.eagleonline.net

NORTH CAROLINA PROFESSIONAL SEAL 045509 ENGINEER MATTHEW C. KIRCHNER 02/22/23

NO.	DATE	BY	ISSUE
1	02/22/23	MCM	REVISED PER CITY OF MONROE COMMENTS

ROCKY RIVER BUSINESS PARK
MONROE, NC

KLJ PROPERTIES, LLC
PO BOX 1609
MONROE, NC 28111

SITE PLAN
(OVERALL)

DESIGNED BY	DRAWN BY	CHECKED BY
SAP	SAP	JLR
Scale	DATE	JOB NUMBER
AS SHOWN	05/24/2022	7430

Sheet
C-2.0

STAFF REPORT

TO:	Public Enterprise Committee
VIA:	Mark Watson, City Manager
DATE:	June 6, 2023
FROM:	Sarah McAllister, P.E., Engineering Director
PREPARED BY:	Sarah McAllister, P.E., Engineering Director
SUBJECT:	Update on NCDOT Project U-6031

SUMMARY STATEMENT

The Public Enterprise Committee is presented information regarding proposed changes to the scope of NCDOT Project U-6031, Charlotte Avenue widening from Seymour Street to NC 200 (ML King Jr. Blvd/Dickerson Blvd).

REVIEW

The State Transportation Improvements Program (STIP) includes Project No. U-6031 to widen Charlotte Avenue from Seymour Street to NC 200 (ML King Jr. Blvd/Dickerson Blvd) and improvements to NC 200 (ML King Jr. Blvd) from Charlotte Avenue to Goldmine Road. The current schedule provides for right-of-way acquisition to begin in 2028 and construction in 2030. Charlotte Avenue and NC 200 are both planned to be widened from 2 lanes to 4 lanes, with a raised center median in a portion of the project. The project also includes sidewalk and bicycle accommodations. The Comprehensive Transportation Plan developed with the Charlotte Regional Transportation Planning Organization (CRTPO) indicates that Monroe ultimately desires for Charlotte Avenue to be a four-lane facility inclusive of pedestrian facilities, bicycle lanes and sidewalk to the western corporate limits, tying to improvements planned in Mecklenburg County and Indian Trail. Original transportation plans called for the improvements to Charlotte Avenue to ultimately extend eastward to Church Street. However, this section was removed from consideration in 2015 by City Council due to the excessive costs associated with the widening at the railroad trestles, previously estimated at $87.34 million dollars. The inclusion of sidewalks meets the NCDOT's Complete Streets Policy to consider and incorporate several modes of transportation when building new projects or making improvements to existing infrastructure. The inclusion of alternative modes of transportation also ensures that the region remains competitive for Federal dollars.

In 2019, City Council endorsed the provision of a 10-foot wide concrete multi-use path (MUP) along the north side of Charlotte Avenue, an 8-foot wide sidewalk on along the south side of Charlotte Avenue, and extending an 8-foot wide sidewalk along Dickerson Blvd for approximately 831 feet from Charlotte Avenue along the project at a total estimated cost of $193,000.

The project originally extended the improvements along Charlotte Avenue through the intersection with Seymour Street and included left turn lanes at the intersection with Patton Avenue terminating at the end of the taper back to two lanes. Staff was contacted by NCDOT recently and informed that due to budget constraints, the project would now terminate at Seymour Street. Staff inquired what the cost would be to extend the project limits as originally planned and have been informed the estimated costs are north of $3.3 million ($2.1M in construction costs and $1.2M in right-of-way). These costs are based on data from 2021 and are likely to increase.

RECOMMENDATION

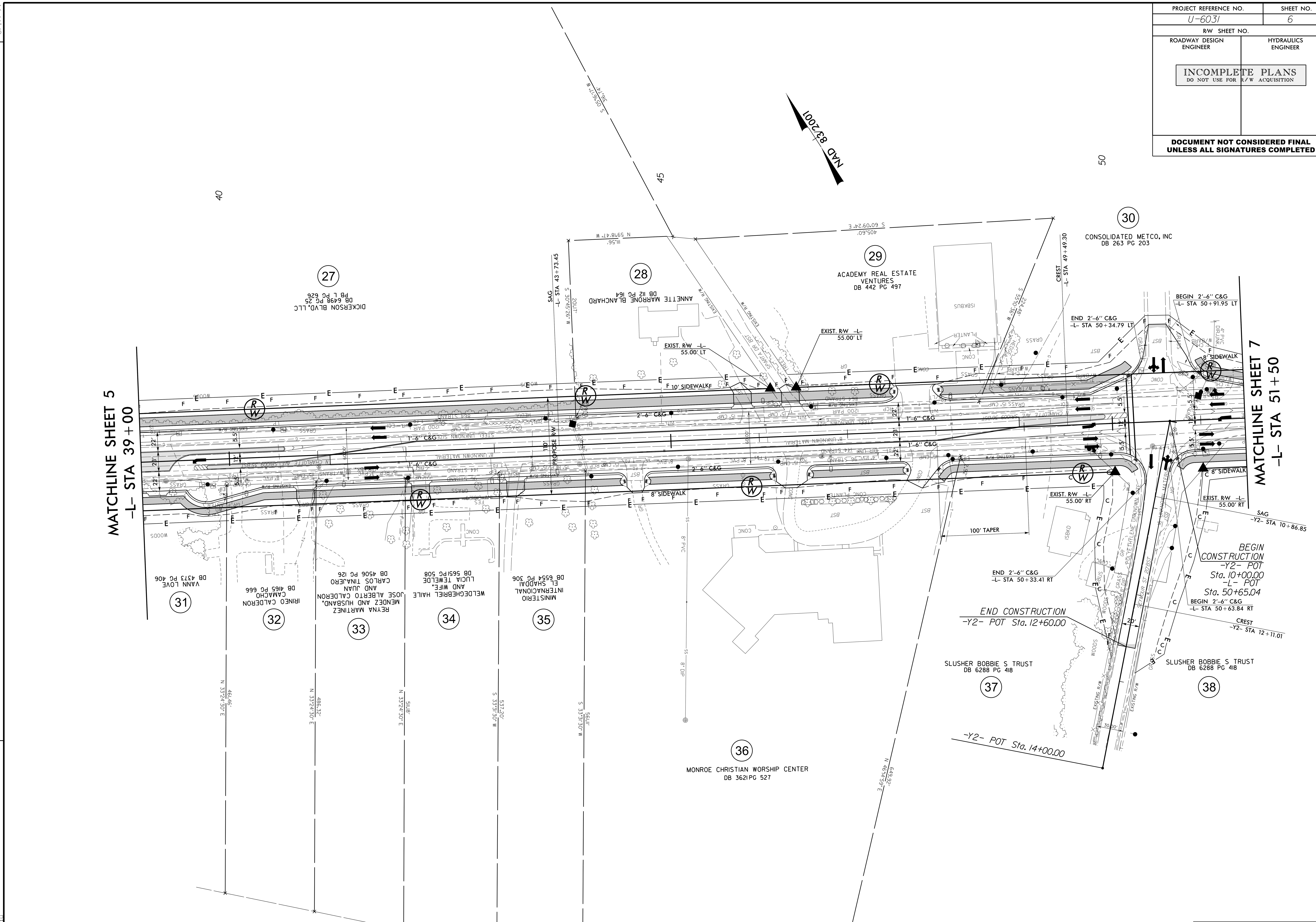
Staff will be prepared to discuss this item at the next Public Enterprise Committee meeting.

Attachments:
Sheets 6 & 7 from U-6031dated 06 12 2019
Sheet 7 from U-6031 dated 01 12 2023

PROJECT REFERENCE NO.	SHEET NO.
U-6031	6
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



FOR PROFILE, SEE SHEET NO. 10 AND NO. 11

REVISIONS

8/17/99

6/12/2019
Q:\TRA\9292-07\CADD\U6031\Roadway\Proj\U6031_rdy_psh_06.dgn

PROJECT REFERENCE NO.	SHEET NO.
U-6031	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

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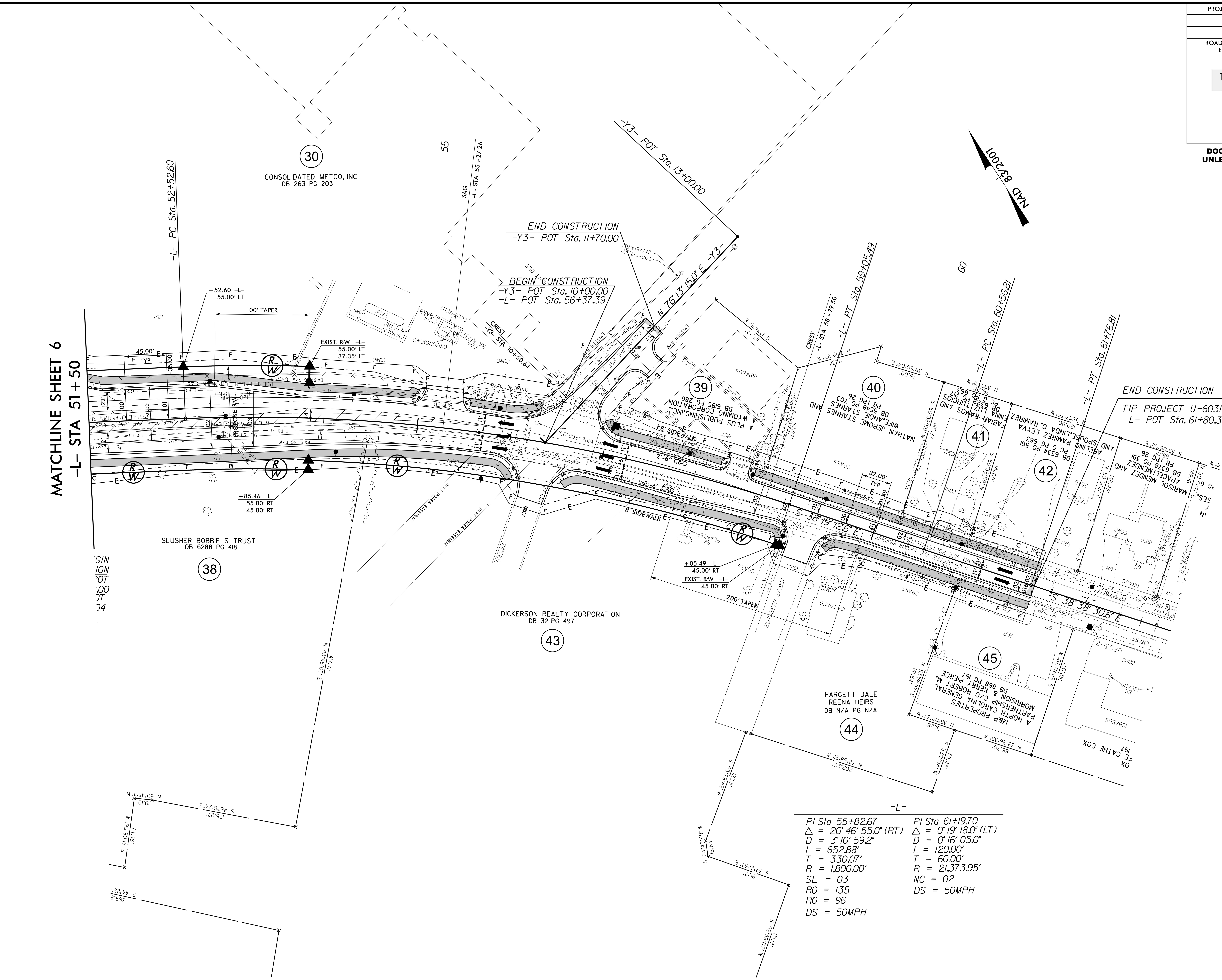


-L-

PI Sta 55+82.67	PI Sta 61+19.70
Δ = 20° 46' 55.0" (RT)	Δ = 0° 19' 18.0" (LT)
D = 3° 10' 59.2"	D = 0° 16' 05.0"
L = 652.88'	L = 120.00'
T = 330.07'	T = 60.00'
R = 1,800.00'	R = 21,373.95'
SE = 03	NC = 02
RO = 135	DS = 50MPH
RO = 96	
DS = 50MPH	

FOR PROFILE, SEE SHEET NO. 11

REVISIONS

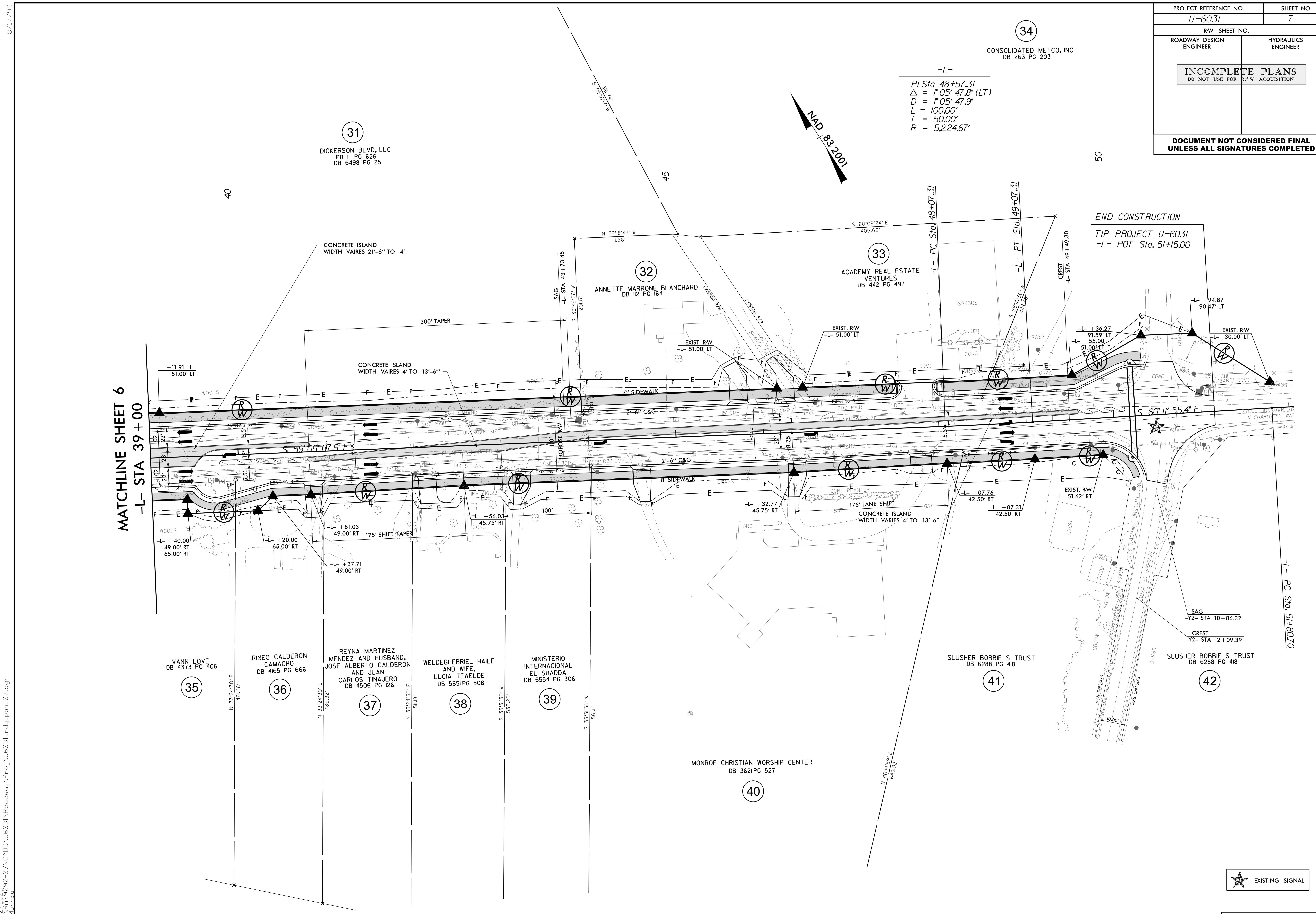
8/17/99

6/12/2019
G:\TRA\1292-07\CADD\U6031\Roadway\Proj\U6031_rdy_psh_07.dgn

PROJECT REFERENCE NO.	SHEET NO.
U-6031	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



FOR -L- PROFILE, SEE SHEET NO. 12