



Engineering and Project Management, 18455 NE 2nd Ave, Miami, Florida. 33179.
Cell: (786)-451-6948 Office (305)-469-1123



FDOT Permits Office

District Six Office

1000 NW 111 Ave, Room 6201

Miami, FL 33172

Mr. Alfred Pappe

LEMON CITY 2- WR10171399

FDOT PROCESS #2021-H-691-00290

Good Afternoon Jose

Please see below the response letter to comments 09/22/2021

RESPONSES TO PLAN REVIEW

1) Cover Sheet: - Please provide municipality or city name on the cover sheet per UAM. - The Work site view and other view with key sheet are not to scale. Please place NTS on sheet scale.

R = Added a note "Lemon City – FDOT Permit" and NTS on cover sheet

2) FDOT Restoration Notes: This is an FDOT road. Please add FDOT restoration notes and include: Any other FDOT item that will be affected or need restoration due to any construction has to be called out by FDOT standard index on construction notes. Please include, sidewalks, curb and gutter, detectable warning surfaces, etc., etc. - All items affected by construction to be restored to be paid for by contractor. Please add this as a note.

R = Added a restoration note on cover sheet

3) FDOT Restoration Notes (Drainage): Include note that states: All drainage inlets, pipe, etc. impacted by construction is to be paid for by contractor and replaced/restored per FDOT Standard Indexes for FY 2021-2022. Inlets in the vicinity of construction are to be protected, otherwise, all inlets and pipes in the vicinity of construction are to be desilted after construction ends.

R = Added a drainage note on cover sheet

4) Cover Sheet: - Show the overall directional bore lines on top map or on bottom map showing start and ending. - Please show how many linear feet of each type for electrical conduit will be bored through next to each type of conduit. - The directional bore linetype is not being shown on the legend.

R = Directional bore lines on top/bottom map was added.



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5) All Plan Sheets: - The directional bore linetype should be shown bold and visible. It is almost lost with other existing linetypes on all plan sheets. Please do not make it dashed as it is lost with other existing linetypes on plans. - Callout start and end of directional bore and start station on plans. - On all plans there is a dotted linetype. This is not called out on legend. What does this linetype represent? - Callout totals of directional bore per type of conduit per plan sheet.

R = Scale of drawing was changed. Start and end of dir. Bore callouts were added. Dotted linetype represents lane dividers.

6) Tie Directional Boring to FDOT Alignment: PER UAM: since the FDOT jurisdiction is adjacent to the project, you must tie the directional boring to FDOT alignment or to **mileposts** by station and distance.

R = Please see attached sheet #7/15 and #8/15. FDOT plans were provided by permit coordinator, station and distance from FDOT existing alignment, and the proposed work have been added.

7) 2 of 11: - The stationing for the first run of directional bore shown on plans is for a view to the north. The profile stationing below for the first run of directional south is viewed to the south. Please correct this. IF the plan stationing is FDOT alignment, as per UAM, please use this stationing for profiles as well. - Make all directional bore lines bold/dark.

R = Profile was corrected, and directional bore lines are bold.

8) All profiles: - Please provide profile vertical and horizontal scales. - Please provide a **vertical datum** being used per UAM. - Show all exist. Utilities drawn to correct size and to scale. Not just a line.

R = Vertical Datum used: NAD83

9) 3 of 11: - You must show the crossing utilities at NE 8th Avenue over/under your directional bore to demonstrate no conflict with existing utilities. - You must show the crossing utilities at NE 10th Avenue over/under your directional bore to demonstrate no conflict with existing utilities.

R = Added the utilities to NE 8th Ave and NE 10th Ave profile views

10) Quantities: How are you quantifying your conduit type length? Please show length and type of each conduit from borehole to borehole. What does 1PN1C dir. Bor represent? Where do you have a legend for this linetype?

R = 10.1. Quantities table added to cover sheet.

10.2. Utility legend was updated



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UTILITY LEGEND

EXISTING	PROPOSED	LINETYPES
1φ PAD MOUNT TRANSFORMER	1φ PAD MOUNT TRANSFORMER	— W — WATER
PAD MOUNT OPEN	PAD MOUNT OPEN	— SS — STORM
WYE TRANSFORMER	WYE TRANSFORMER	— SN — SANITARY
48" HAND HOLE	48" HAND HOLE	— G — GAS
30" HAND HOLE	30" HAND HOLE	— FI — FIBER
SPLICE BOX	SPLICE BOX	— 1PN1C — 1 PHASE
2-WAY MANHOLE	2-WAY MANHOLE	— 2PN2C — 2 PHASE
4-WAY MANHOLE	4-WAY MANHOLE	— 3PN3C — 3 PHASE
BORE PIT	BORE PIT	— — SECONDARY
FIRE HYDRANT	FIRE HYDRANT	— +++ — SERVICE
		— — FORCED MAIN
		— E — CENTURYLINK
	PALM/TREES	

10.3. 1PN1C represents 1 phase and 1 conduit.

1) 5 of 11: You are missing a profile for the proposed 1PN1C along NE 80th Street. Is this existing? Please make a distinction between exist. And proposed using different linetypes.

R = NE 80th Street is City of Miami Jurisdiction. All the proposed placement is new.

12) Sidewalk shall be constructed with full 4" flags and expansion joints and detectable domes for handicap ramps according to 2021-22 FDOT Standard Plans 520-001, 522-001 & 522-002 and spec 522.

R = Referred the index on the cover sheet

13) Based on a review of the Florida Master Site File GIS data and local cultural resource data, the permit area is within the boundaries of **City of Miami**-designated Archaeological Conservation Areas identified as having moderate and low archaeological site potential. Therefore, additional local permits may be required. The validity of this permit is dependent upon the permittee acquiring all other applicable permits to perform this work.

R = City of Miami permits were submitted.

14) The project corridor is within the consultation area for the Florida bonneted bat which is listed as an endangered species. Trees along the project corridor have been identified as potential habitat for the bat. Please be aware that if any tree impacts (removals, relocations, trimming, root pruning) are proposed as part of this project, a species survey is warranted to determine if roosting or foraging habitat exists. Coordination with U.S. Fish and Wildlife Service may be required. **If the contractor does not have a process in place already then they can call USFWS at 1-800-344-9453.**

R = Bat Note added to the cover sheet and USFWS phone number was provided.



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15) Please include MOT plan including all facilities, devices and traffic control setup operations and detours for each construction phase within the work zone.

R = Detailed MOT included

16) Please resubmit a legible plan set with darker colors and more information about the proposed work such as the bore pits, conduits and handholes. Provide the conduit lengths. Recommend different plan scale, a different color for proposed and more information to clarify the existing to remain and the proposed.

R = Plan/Profile view scale changed to 1:60, as recommended.

17) Revise the topography to show all the existing conditions particularly next to proposed work such as the existing landscaped islands with curb D and sod, the existing palms, the existing driveways, the existing pedestrian ramps, the existing light poles, the existing pedestal, the existing wood poles, and existing inlets.

R = Existing elements have been added to the drawings.

18) Refer to FDOT Standard Plans FY 2021-22 Index No. 630-001 and Index No. 635-001 where needed.

R = Referred on the cover sheet (FDOT Construction Notes)

19) Provide information for curb, sidewalk and driveway replacement/sod restoration where needed and show the limits. Saw cutting of the existing sidewalk/driveway shall be made only at the nearest flag joints. Refer to FDOT Standard Plans FY 2021-22 Index No. 520-001, Index No. 522-001, Index No. 522-003, and Index No. 570-001.

R = 'Area of sidewalk restoration note' added to the plan/profile views. Referred standard plans on the cover sheet (FDOT Construction Notes)

20) Impacted driveway should be reconstructed. Verify if only one concrete flag is being impacted/replaced. Ensure the new slabs are flush with existing.

R = Added a note on the drawings for possible restoration.

21) Pedestrian ramp should be fully reconstructed. Handholes shall not be located within pedestrian ramps. Refer to FDOT Standard Plans FY 2021-22 Index No. 522-002.

R = Referred on the cover sheet (FDOT Construction Notes)

22) Flag any existing aboveground/underground feature impacted by the proposed work to be adjusted/relocated/removed.



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R = Referred on the cover sheet (FDOT Construction Notes)

23) If signs are damaged, these must be replaced according the latest FDOT Standard Plans Index No. 700-101.

R = Referred on the cover sheet (FDOT Construction Notes)

24) Verify if all existing utilities are shown in plan and profile views, particularly next to proposed work. State the minimum horizontal and vertical clearances from the existing underground utilities closer to the proposed work.

R = Note Added to the drawings

NOTE:
ALL UTILITY LOCATION ARE
ASSUMED. LOCATES TO BE
CONDUCTED PRIOR TO
CONSTRUCTION START. MAINTAIN
24" MINIMUM SEPARATION
BETWEEN NEW DUCTS AND
EXISTING UTILITIES.

25) Show the existing drainage structure bottom in profile view. State the minimum horizontal and vertical clearances from the structure bottom.

R = Added drainage structure locations in profile views

26) Revise the sewer line scale in the profiles. Add missing information for some bore pit/handhole/splice box restoration and verify the existing conditions to restore and update quantities. Note pedestrian ramps should be fully reconstructed.

R = Scale was changed in the profiles and added a note “driveway and pedestrian ramps should be fully reconstructed” on the drawings.

27) Revise the MOT plan according to the proposed intersection work on a One-way Multilane roadway. Revise reference MOT note on Sheet 1. If a lane is being closed, use MOT application 102-613 and 102-615. A detailed lane closure form shall be submitted to the Lane Closure Information System (LCIS) @ <http://lcis.dot.state.fl.us/> and approved by the department at least 2 weeks prior to beginning work within the FDOT R/W. State the regulatory speed used in the MOT plan.

R= Added 102-615 MOT

28) Provide a detailed pedestrian detour schematic when the only viable crossing is more than 0.25 mile away.

R = Attached detailed MOT

29) Provide protection to the existing trees and avoid any impact to the roots. When construction affects tree roots or canopy, provide trimming per FDOT Standard Specification 110.

R = Referred the FDOT Standard Specification 110 on the coversheet.



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30) Place notation on plans that if construction work occurs within the dripline of existing trees to protect trees during construction per FDOT Standard Plans Index 110-100. Canopy and root trimming to facilitate construction shall also be conducted per Index 110-100.

R = Referred on the cover sheet (FDOT Construction Notes)

31) Please submit a response letter addressing EACH ONE of the comments.

R= Submitted

Thank you very much &
Best regards,

Adriana Contreras | Permit Coordinator
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STORM SECURE
UNDERGROUND PROGRAM

[Link to Storm Secure Underground Program](#)



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