

PLOTED: Wednesday, December 28, 2022 @ 11:13AM

J:\PROJECTS\2021\12\10\10465_COW_21ST STREET FROM MOSLEY TO I-135\00210465 CAD\SHOTS\05 CIVIL\TRAFFIC\210465 CONST_SEQ.DWG

PHASING	HANDLING OF TRAFFIC	MAJOR CONSTRUCTION ITEMS	REMARKS
1	Close the north westbound lane of 21st Street as necessary and utilize traffic control shown on standard drawing TE744, incorporating all work within the work space as indicated on the standard drawing. Install temporary concrete safety barrier to protect adjacent traffic from open trenches and bore pits.	Construct water line improvements.	Water line installation occurring under or adjacent to proposed pavement areas may be completed in the corresponding construction phase of pavement construction. Utilize temporary asphalt pavement patches above new water lines under street pavement as shown.
2	Erect Phase 2 traffic control and maintain one lane of traffic in each direction on 21st Street. Maintain access to Cleveland Street north of 21st Street in the existing north lanes. Access to Cleveland Street south of 21st Street shall be maintained per the Cleveland typical traffic control plan as directed by the Engineer.	Construct the south two lanes of 21st Street and associated storm water improvements under and adjacent to 21st Street paving. Construct SWS Line 5 and 6 and outfall and associated concrete canal pavement restoration.	Utilize temporary asphalt pavement patches above new storm sewers installed under existing pavements not being reconstructed during this phase.
3	Erect Phase 3 traffic control and maintain one lane of traffic in each direction on 21st Street in the newly constructed south lanes. Access to Cleveland Street north of 21st Street shall be maintained per the Cleveland typical traffic control plan.	Construct the north two lanes of 21st Street, including the right turn lane at Cleveland. Construct remaining storm sewer improvements.	
4	Erect Phase 4 traffic control plan and maintain one lane of traffic in each direction on the new outside through lanes of 21st Street. Access to Cleveland north and south of 21st Street will be maintained this phase. Northbound and southbound left turns from Cleveland onto 21st and cross traffic on Cleveland Street will be maintained for portions of this phase depending on construction activities within the intersection.	Construct the middle lane of 21st Street including the raised median in front of New York Street. Construct improvements on the New York Street approach.	Utilize temporary asphalt pavement to provide access across grade differentials between existing and proposed pavement at Cleveland Street.
5	All streets shall remain open during this phase. Partial, daytime street closures as required will be permitted to perform work items. Utilize traffic control in accordance with standard drawing TE720 and TE744 as appropriate during this phase.	Complete remaining improvements to be completed including permanent pavement markings and site restoration activities.	

GENERAL NOTES

All signs and pavement markings conflicting with construction traffic control shall be covered or removed as directed by the Engineer.

As the various construction activities progress, certain situations may arise that will preclude adhering to the original construction sequence or which, in the opinion of the Contractor, would readily adapt themselves to a more efficient phasing operation. Should this occur, the Contractor may submit to the Engineer an alternative plan for approval.

Contractor shall maintain existing drainage system during construction and address local drainage issues as necessary during construction. Temporary drainage measures will be subsidiary to other items in the contract. Contractor shall provide for drainage in sump areas opened to traffic. Ponded stormwater in sump areas will not be allowed.

All traffic control signs and devices shall be in conformance with the latest edition of the Manual on Uniform Traffic Control Devices.

Contractor shall provide temporary asphalt pavement where necessary to bridge grade differentials between new and existing pavement. Temporary surfacing shall be paid for as "AC Pavement 6" Temporary." The 6" thickness is nominal. Actual thicknesses will vary as necessary to provide suitable grade transitions. Payment will be based on the area of asphalt placed. No adjustment in pay will be made based on actual thickness placed. The cost for the eventual removal of the asphalt material is included as part of the work of this item.

"Removal and installation of guardrail along New York Street may occur at any time during the project. Installation of new guardrail shall occur immediately upon removal of the existing guardrail at that location. Traffic control in accordance with the traffic control typical plan for New York Street shall be erected during any work along portions of New York Street."



STREET IMPROVEMENTS FOR
21ST STREET - MOSLEY TO I-135
PHASE 1

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**CONSTRUCTION
SEQUENCE
SUMMARY**

PROJECT NO.	472-2021-085733	
DATE	12/28/2022	
SCALE	NA	
DESIGNED	DRAWN	CHECKED
SLF	WNJ	JRA

NO.	REVISION	DATE

SHEET NO.