

BROADWAY BRIDGE AT 34TH STREET SOUTH

CONSTRUCTION SEQUENCE
SHEET TITLE
472-84830
PROJECT NUMBER

DESIGN BY: JRA
DRAWN BY: JSB
CHECKED BY: JRA

ISSUED: October 9, 2012
REVISED:

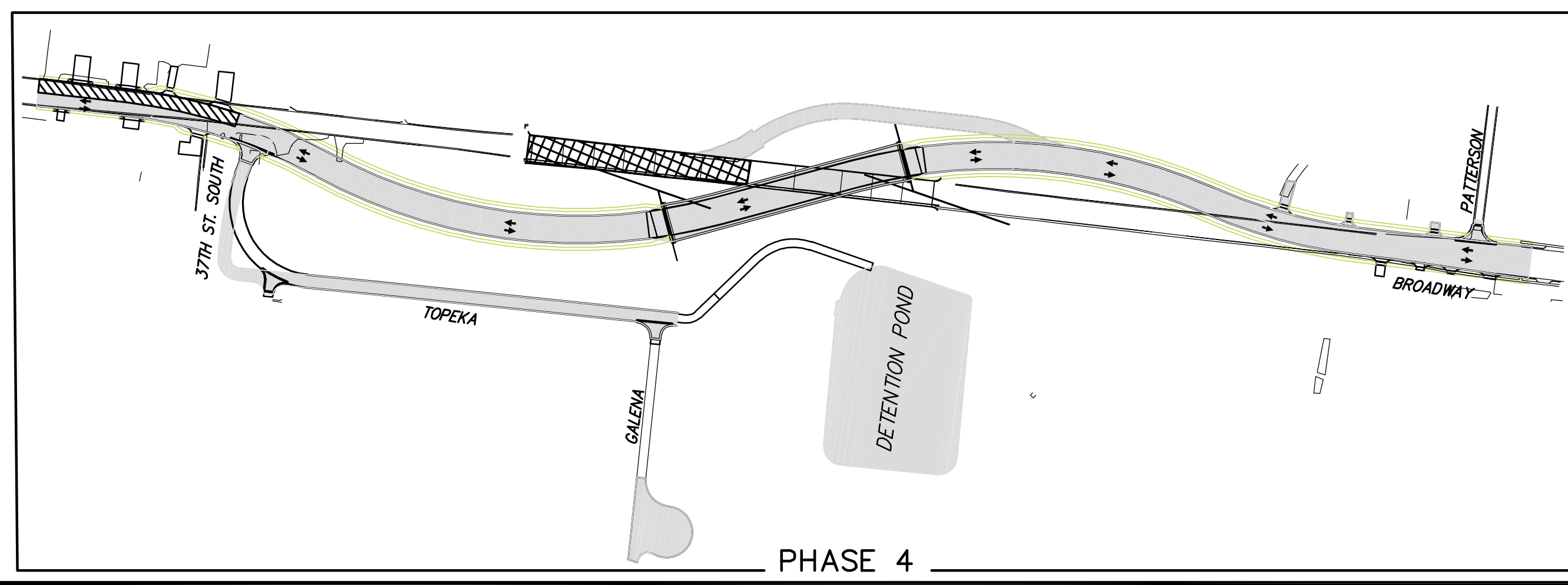
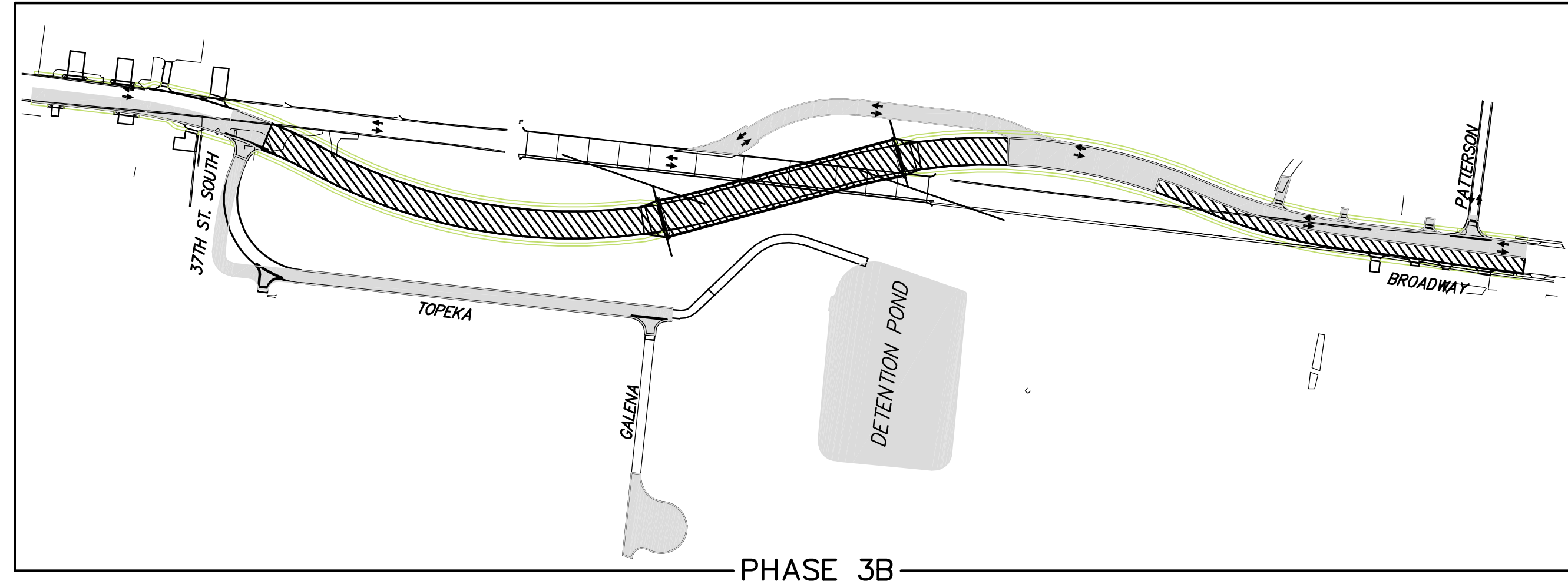
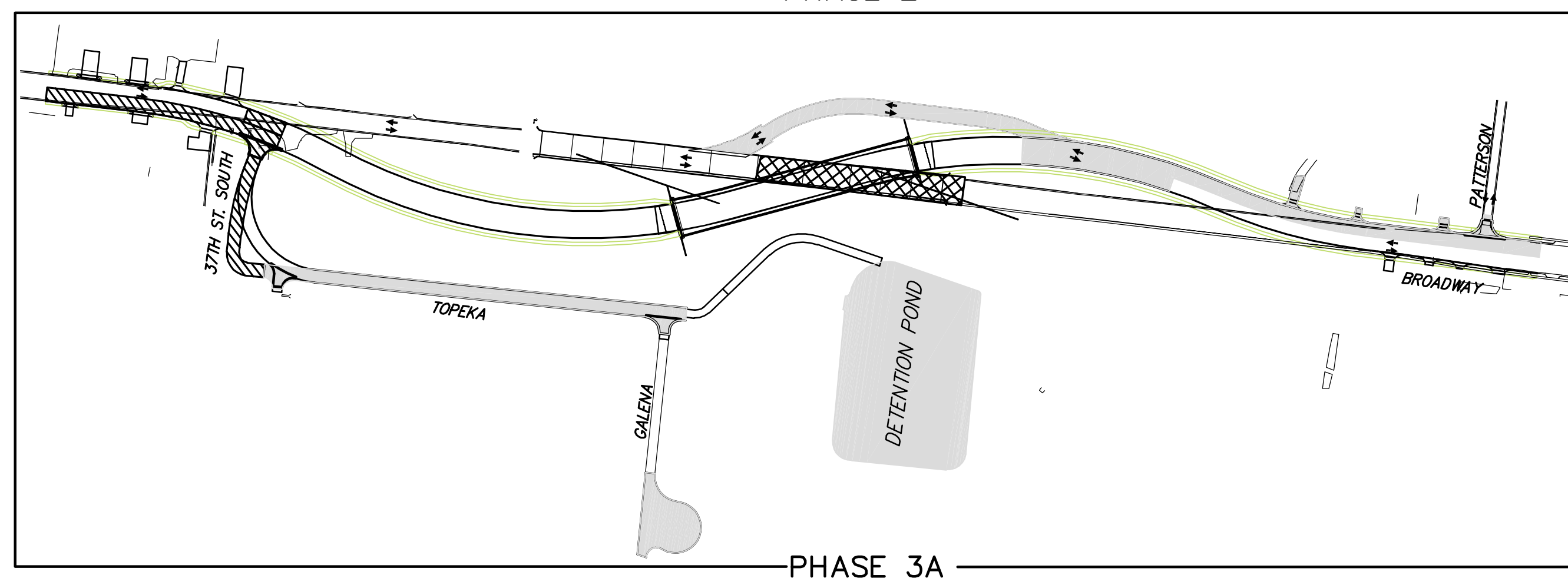
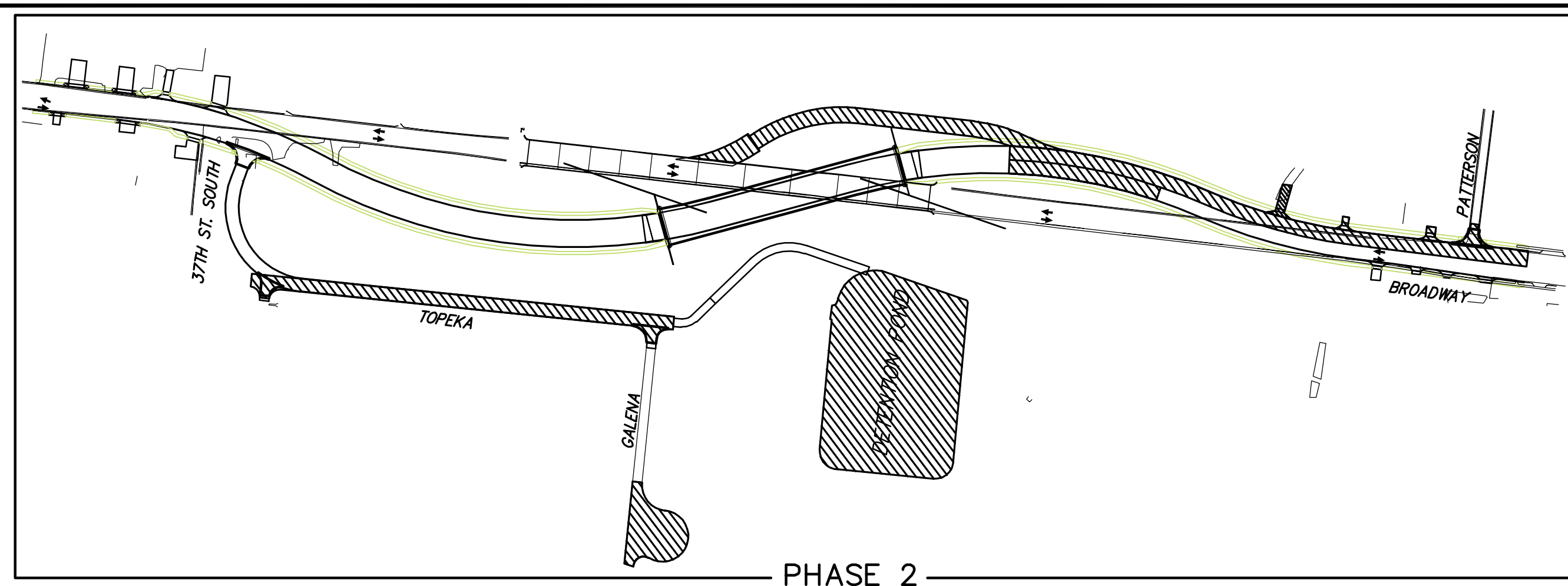
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CONSTRUCTION SEQUENCE

PHASING	HANDLING OF TRAFFIC	MAJOR CONSTRUCTION ITEMS	REMARKS
1	utilize local traffic control measures where construction activities approach streets and other areas accessible by the public.	Construct water lines 1 and 3. Construct sanitary sewer improvements.	Contractor is allowed to construct other improvements which will have minimal impact to traffic.
2	Provide one lane of traffic in each direction on existing Broadway Avenue throughout entire project area. 37th Street access to existing Broadway shall be maintained at all time during this phase. Patterson Street may be closed during the construction of its approach and Broadway Street pavement directly adjacent the approach.	Construct shoofly detour. Construct Broadway pavement and embankment from station 54+50 to station 57+50. Construct the west half of Broadway from station 57+50 to the north project limits. Construct Patterson pavement approach. Construct Topeka Street cul-de-sac. Construct storm water dry detention pond.	A detour route for Patterson will not be required.
3A	Move Broadway traffic to shoofly detour and completed portion of new Broadway pavement. Traffic on Broadway shall taper down to one lane in each direction at either end of the project area. 37th Street access to existing Broadway shall be maintained at all time during this phase. Patterson Street shall remain open at all time during this phase.	Construct the new approach to 37th Street and portions of new Broadway to allow access to and from 37th Street to existing Broadway. Construct east half of new Broadway pavement and embankment from start of project to station 39+75. Remove the north portion of the existing Broadway bridge to allow construction of the new Broadway bridge.	Bridge removal may occur in phase 3B, as well.
3B	Broadway traffic to remain on shoofly detour. Move 37th Street traffic to new approach pavement. Access to 37th Street shall be maintained at all times during this phase. Patterson Street shall remain open at all time during this phase.	Construct new Broadway bridge. Construct new Broadway pavement and embankment from station 39+75 to station 54+50. Construct the east half of new Broadway pavement from Station 57+50 to the north project limits.	This work may begin in phase 3A. This work may occur anytime during phase 2 or 3.
4	Move Broadway traffic to new Broadway pavement and bridge. Traffic shall still be limited to one lane in each direction within the project limits. Access to 37th Street shall be maintained at all times during this phase. Patterson Street shall remain open at all time during this phase.	Remove the remaining portions of the existing bridge. Remove the shoofly detour and finish construction of remaining embankments, pavements and retaining walls yet to be constructed due to the shoofly detour. Construct the west half of new Broadway pavement from the south project limits to station 38+80. Construct water line 2	Water line 2 shall be constructed prior to removing existing Broadway roadway embankment but after moving traffic to the new Broadway pavement and bridge.
5	Broadway traffic to utilize all four lanes of the new pavement and bridge. Provide lane closures as necessary to complete the construction items to occur this phase. Access to 37th Street shall be maintained at all times during this phase. Patterson Street shall remain open at all time during this phase.	Construct all surface courses of asphalt on all new asphalt streets and install project pavement markings and signing. Complete all project grading and storm drainage items as outlined in the plans. Perform remaining seeding, sodding and site restoration tasks.	

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. Pondered stormwater in sump areas will not be allowed.
Maintain access to all driveways and entrances within the project limits at all times. Driveways 16' wide and wider shall be constructed half at a time with the other half remaining open. Driveways less than 16' may be closed completely during construction.



LEGEND

- Under Construction This Phase
- Construction Completed
- Removed/Demolished this phase
- Traffic Flow