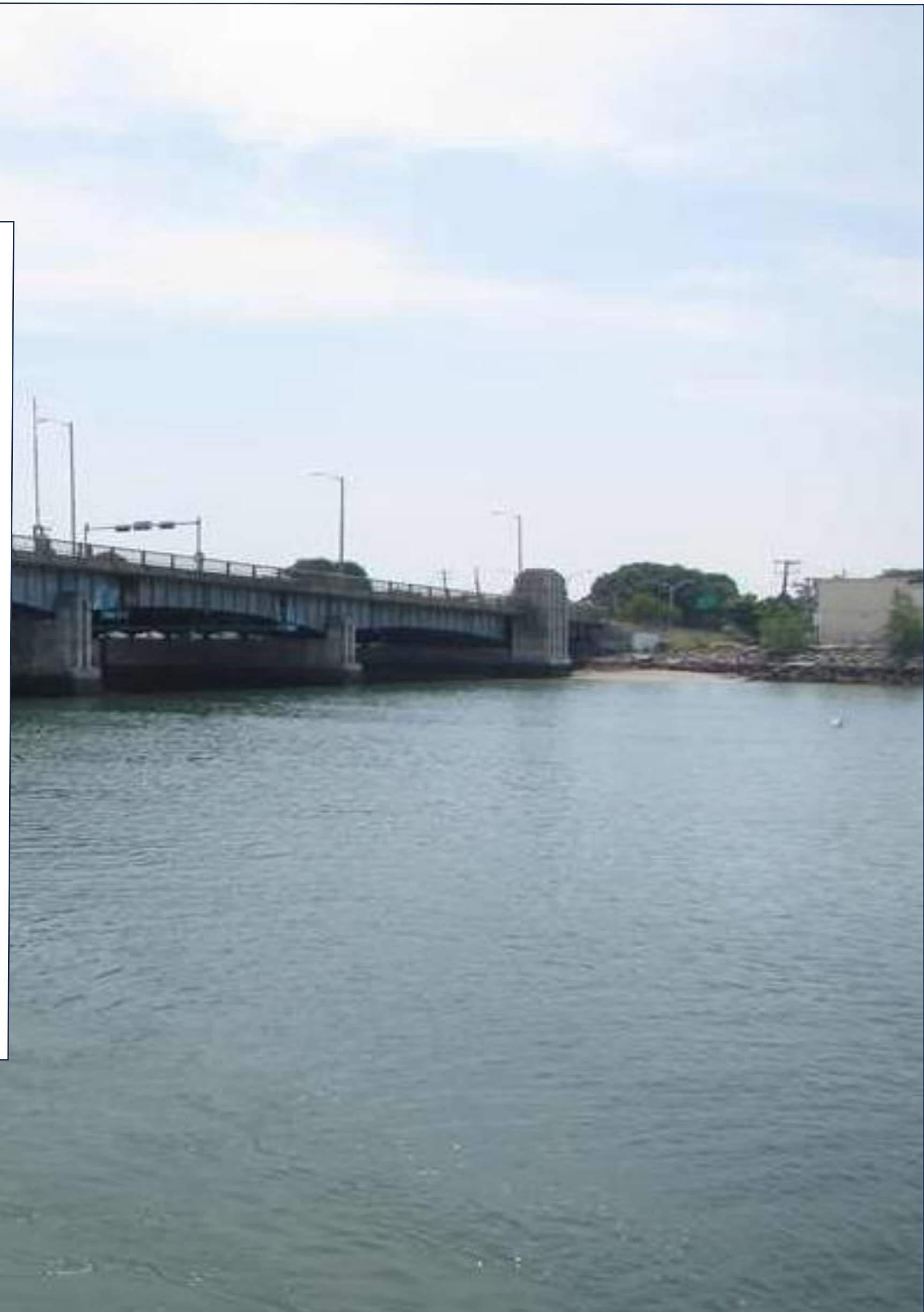




# General Edwards Bridge Repairs

*L-18-015 (4D7)*

August 14<sup>th</sup>, 2025



# How did we get here?







**Why was this  
project  
initiated?**



## Area under Temporary Plate





## Beam Deterioration





## Column Base Deterioration





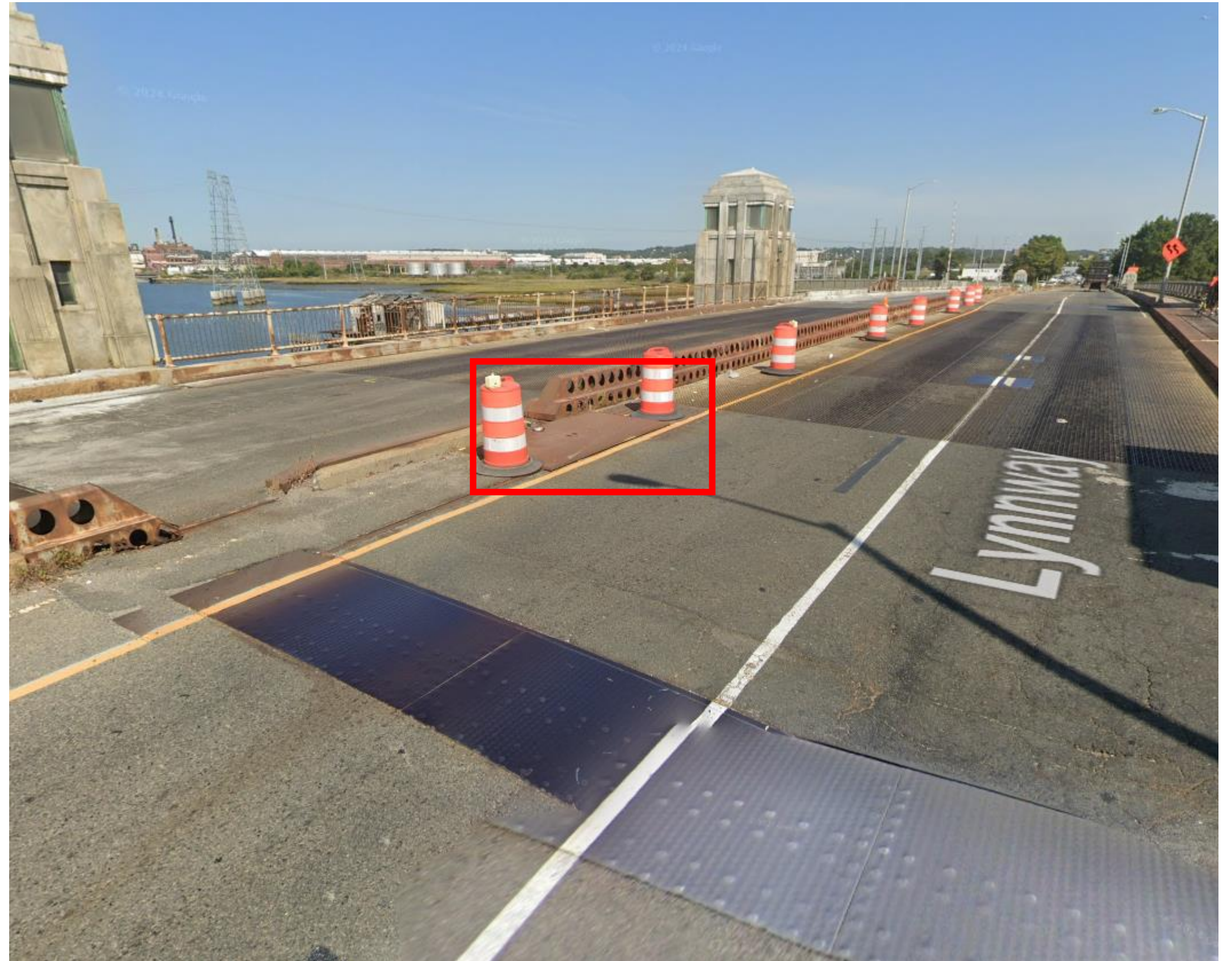


**What is the  
construction  
approach?**



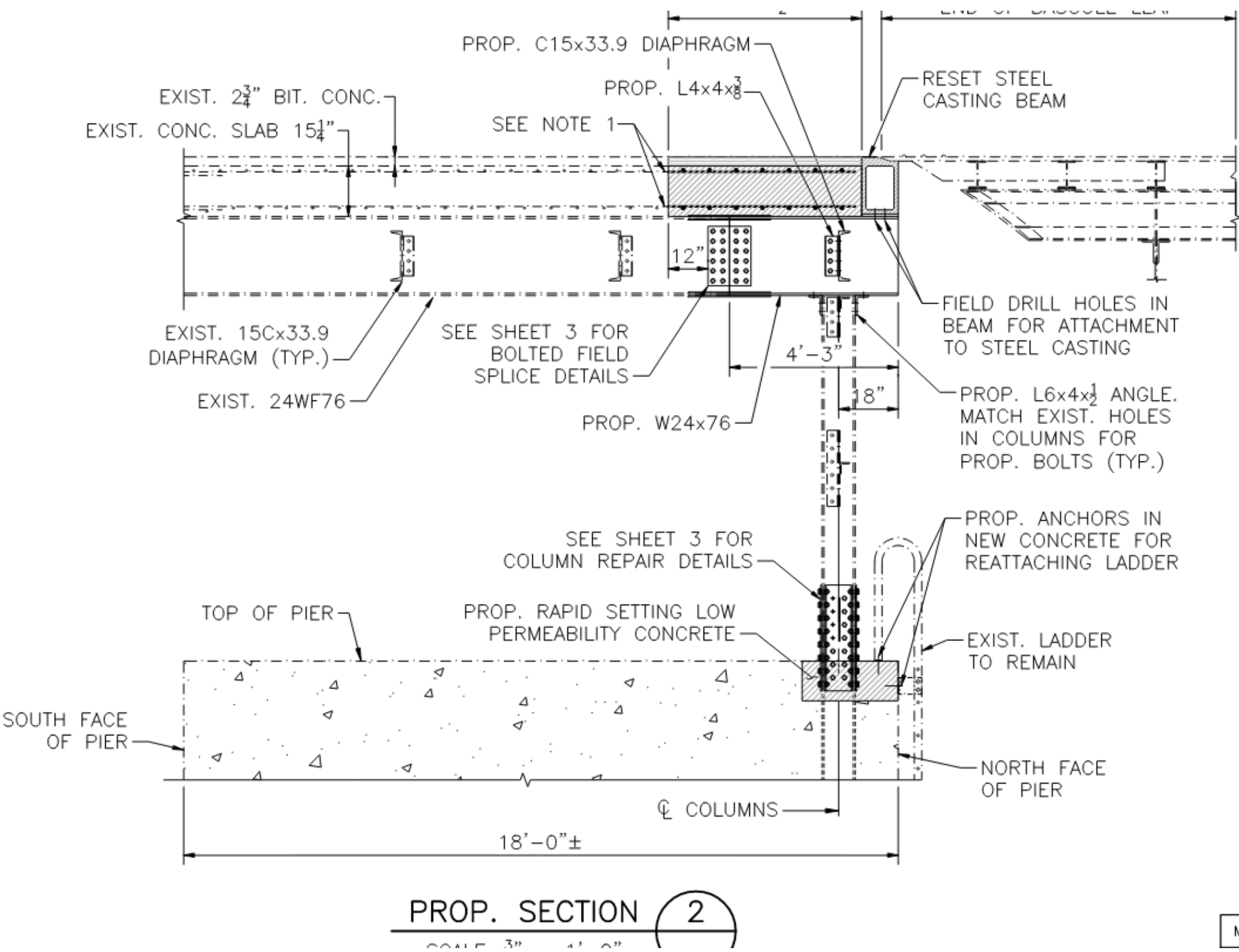
# Construction

To complete final repairs, contractor must remove temporary steel plate and work in the median of the bridge.





Proposed Repair Schematic



MONTH DD, YYYY	ISSUED FOR CONSTRUCTI
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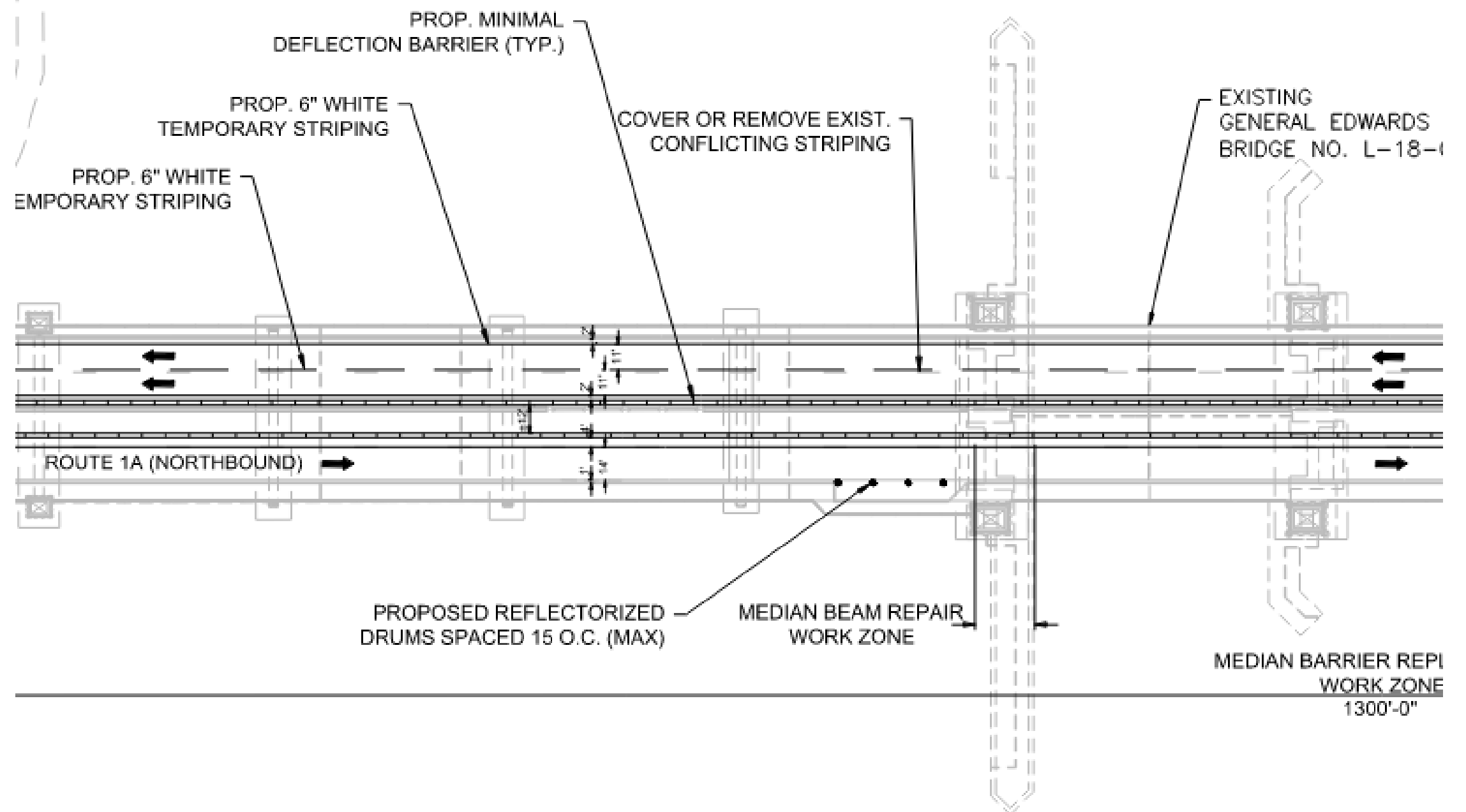


**How will the  
road user be  
affected?**



# Traffic Management

- Current configuration is two lanes in each direction
  - Northbound shoulder closed due to temporary plate
- Repairs will require barrier around work zone and narrowing/shifting of lanes
- Southbound Proposed Condition
  - **Two** lanes slightly shifted
- Northbound Proposed Condition
  - **One** lane shifted to right



L BE GROUND MOUNTED UNLESS OTHERWISE NOTED.  
 3 ROUNDS, LEGENDS, BORDERS, AND TEXT SIZES REFER TO THE LATEST  
 = "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) ALL



# Travel Impacts

- Based on recent traffic counts, the work zone setup is expected to have minimal impact on vehicular travel, with only slight delays anticipated during the afternoon peak hours.

Start Time	Mon	Tue	Wed	Thu	Fri
12:00 AM	149	127	142	124	161
1:00 AM	86	74	76	76	106
2:00 AM	74	40	61	64	80
3:00 AM	62	57	41	53	59
4:00 AM	133	131	137	78	125
5:00 AM	305	287	291	288	286
6:00 AM	510	471	499	516	499
7:00 AM	716	735	747	796	812
8:00 AM	774	749	807	785	812
9:00 AM	789	779	704	782	806
10:00 AM	847	868	810	897	917
11:00 AM	928	891	923	928	1057
12:00 PM	990	995	982	1047	1156
1:00 PM	1061	1042	1071	1104	1201
2:00 PM	1173	1222	1216	1239	1421
3:00 PM	1341	1318	1321	1416	1477
4:00 PM	1357	1384	1483	1425	1407
5:00 PM	1427	1341	1428	1486	1323
6:00 PM	1209	1363	1382	1374	1365
7:00 PM	578	644	748	669	1055
8:00 PM	403	440	354	426	954
9:00 PM	388	387	362	391	772
10:00 PM	291	296	289	314	741
11:00 PM	231	237	221	229	600
Total	15,822	15,878	16,095	16,507	19,192
24hr Total	15822	15878	16095	16507	19192
AM Pk Hr	11:00	11:00	11:00	11:00	11:00
AM Peak	928	891	923	928	1057
PM Pk Hr	5:00	4:00	4:00	5:00	3:00
PM Peak	1427	1384	1483	1486	1477



# Durations

- Work scheduled to start on Sunday, August 17<sup>th</sup>.
  - Lane shifts and closures to be continuous until the end of the repairs.
  - Work will occur during the hours of 8:00 pm and 5:00 am
- Construction is anticipated to last 3 months.
  - Schedule is tentative based on field conditions once work begins
- After completion, lanes and striping will be restored to original configuration





**Questions and  
discussion**