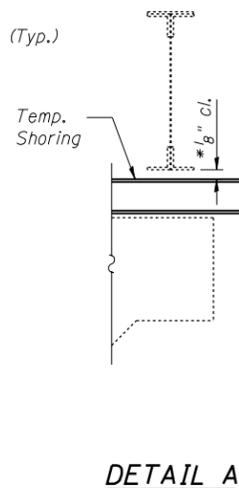
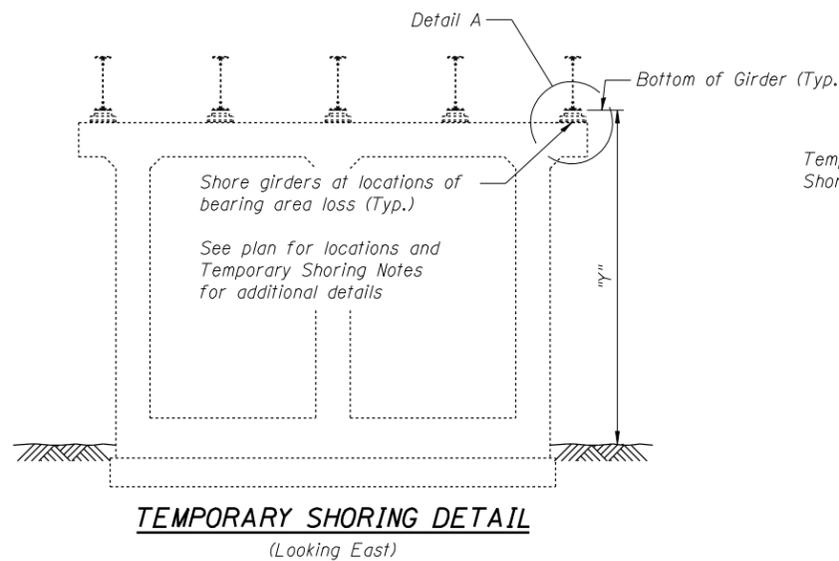


LEGEND

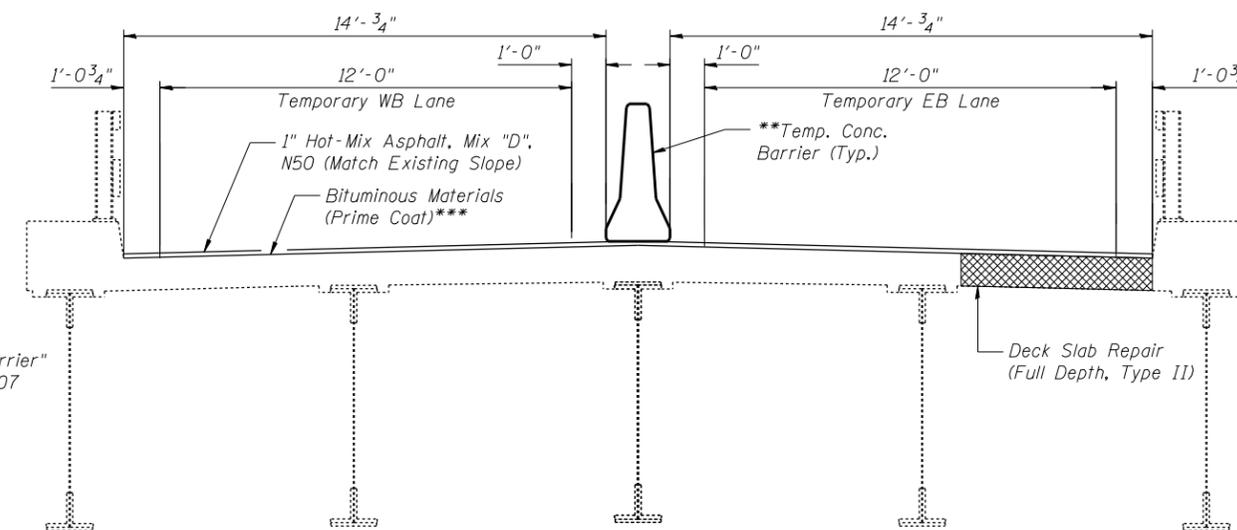
- Deck Slab Repair Locations (See Notes)
- Temporary Shoring locations

DECK REPAIR AND TEMPORARY SHORING PLAN



*Contractor shall leave 1/8" between bottom of girder and contact with Temporary Shoring to allow for movement of girder.

**For "Temporary Concrete Barrier" see Highway Standard 704001-07
 ***See Section 406.05 of the Standard Specifications



DECK CROSS SECTION (Looking East)

TEMPORARY SHORING NOTES

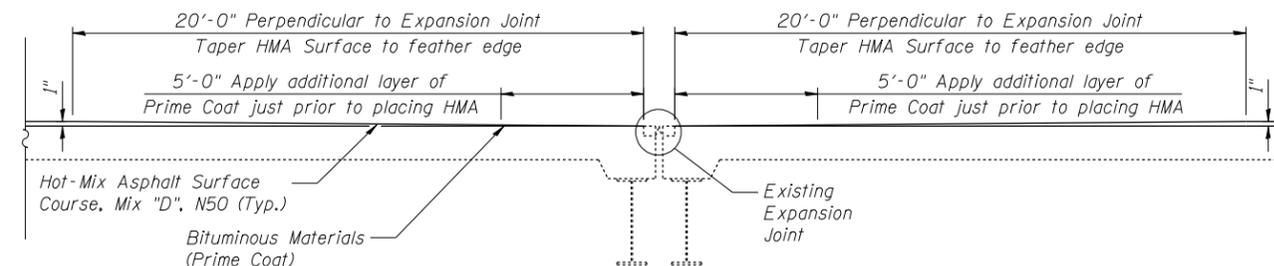
Provide Temporary Shoring for West Bearing of South Fascia Girder at Pier 3, Pier 4 and Pier 6 as shown on plan. See Temporary Shoring Special Provision.

Service Dead Loads and Live Loads (including Impact) and approximate height of Temporary Shoring at each location are as follows:

Location No.	"Y"	Dead Load	Live Load
1	±28'-6"	101.7 k	54.9 k
2	±27'-2"	48.3 k	50.3 k
3	±20'-2"	110.2 k	54.4 k

NOTES:

- 1) Deck slab repair locations are approximate. Actual locations shall be determined by sounding the deck during construction. See Special Provision for Deck Slab Repair for additional information.
- 2) Full depth patches shall be limited to 10 ft. lengths, with removal and replacement alternated to meet this requirement.
- 3) At least 72 hours shall have elapsed between concrete pours and the concrete shall have attained a minimum modulus of rupture of 650 psi or a minimum compressive strength of 3500 psi.
- 4) Protective Shield at locations over the ICRR or IL 13 shall be placed prior to any deck repair work.



SECTION A-A (Typical at expansion joints)

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bituminous Materials (Prime Coat)	GAL.	220
Hot-Mix Asphalt Surface Removal- Butt Joint	SQ. YD.	190
Hot-Mix Asphalt Surface Course, Mix "D", N50	TON	163
Deck Slab Repair (Full Depth, Type II)	SQ. YD.	141
Deck Slab Repair (Partial Depth)	SQ. YD.	47
Temporary Shoring	EA.	3

FILE NAME = 082011a-0120-76884-002-Pre-StageShoring.dgn



USER NAME = brazzera	DESIGNED - RAB	REVISED - -
	CHECKED - SAB	REVISED - -
PLOT SCALE = 32x0.0005 '1' / IN.	DRAWN - RAB	REVISED - -
PLOT DATE = 10/19/2011	CHECKED - SAB	REVISED - -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRE-STAGE REPAIR AND TEMPORARY SHORING DETAILS
S.N. 082-0051**

SHEET NO. PS-2 OF PS-2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	115
CONTRACT NO. 76884				
ILLINOIS FED. AID PROJECT				