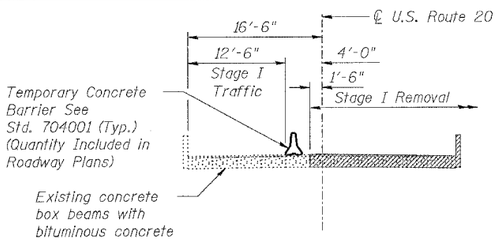
CONTRACT NO. 64412

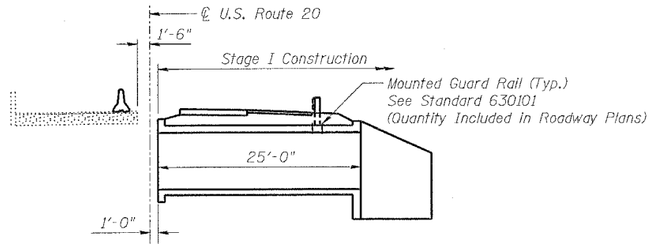
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S.B.I. 5 F.A. 301	23BR-2	JO DAVIESS	30	10
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 2 OF 8 SHEETS

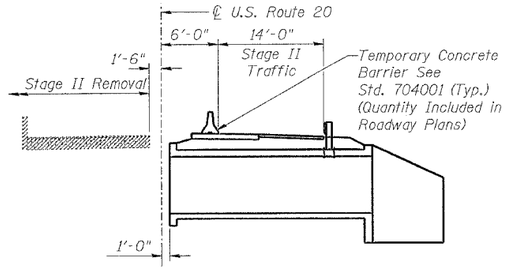
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



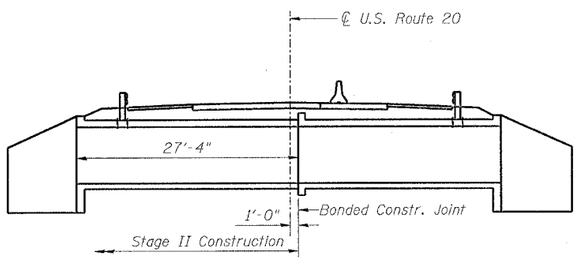
STAGE I REMOVAL
(Looking East)



STAGE I CONSTRUCTION
(Looking East)



STAGE II REMOVAL
(Looking East)



STAGE II CONSTRUCTION
(Looking East)

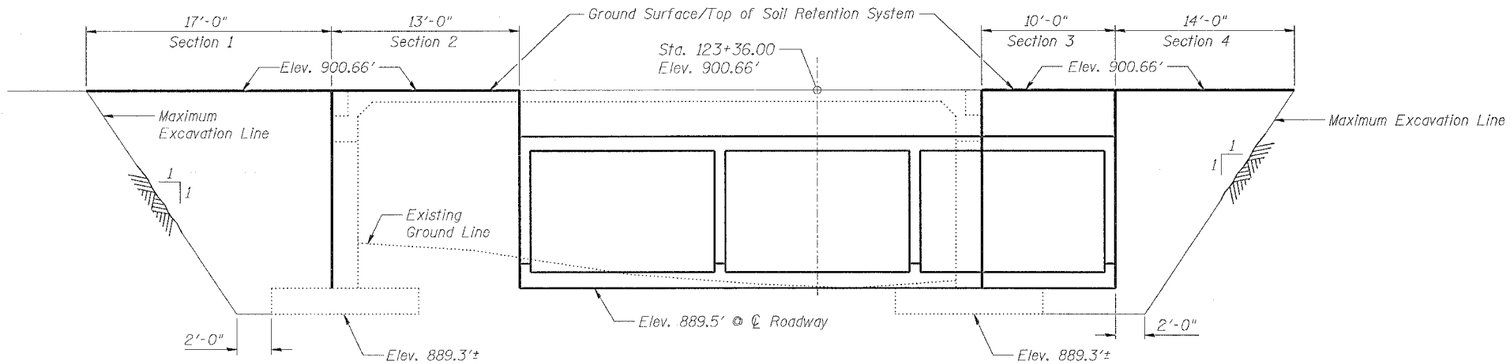
STAGING SEQUENCE

STAGE I REMOVAL
1. Install Temporary Concrete Traffic Barrier as shown to locate traffic in Stage I Traffic Lane on north half of the existing bridge.
2. Design and Install Temporary Soil Retention System sections 1, 3 and 4 as required for excavation of Abutments.
3. Excavate behind existing abutment walls up to Temporary Soil Retention System so as not to induce unequal forces on the existing abutment walls.
4. Cut off all existing wood piling in streambed to an elevation 1'-0" below the lowest bottom of culvert elevation.
5. Proceed with Stage I Removal including Superstructure and Substructure to Stage I Removal Limits.

STAGE I CONSTRUCTION
1. Construct Stage I of new Culvert.
2. Design and Install Temporary Soil Retention System section 2.
3. Place Backfill so as not to induce unequal forces on exterior Culvert walls.
4. Construct Stage I of new Roadway.

STAGE II REMOVAL
1. Relocate Temporary Concrete Traffic Barrier as shown to locate traffic in Stage II Traffic Lane on the south half of the new Culvert.
2. Remove Temporary Soil Retention System section 3.
3. Excavate behind existing abutment walls up to Temporary Soil Retention System so as not to induce unequal forces on the existing abutment walls.
4. Proceed with Stage II Removal including Superstructure and Substructure to Stage II Removal Limits.

STAGE II CONSTRUCTION
1. Construct Stage II of new Culvert.
2. Place Backfill so as not to induce unequal forces on exterior Culvert walls.
3. Construct Stage II of new Roadway.



TEMPORARY SOIL RETENTION SYSTEM
(Looking North)

Slopes and distances shown are along alignment of sheeting.
Bottom of footing elevations shown are estimated based on information found in existing plans. Actual elevations may vary, resulting in changes to geometry of Temporary Soil Retention System shown. Contractor shall field verify bottom of footing elevations prior to design of Temporary Soil Retention System.

Notes: 1. All dimensions are shown at right angles to center line of Roadway.
2. Hatched areas indicate portion of "Removal of Existing Structures". Removal of existing bridge rail and wearing surface is included with "Removal of Existing Structures".

DESIGNED	L.C.M.
CHECKED	S.D.K.
DRAWN	T.L.N.
CHECKED	S.D.K.

- 20

EXAMINED

ENGINEER OF BRIDGE DESIGN

PASSED

ENGINEER OF BRIDGES AND STRUCTURES

STAGED CONSTRUCTION AND
TEMPORARY SOIL RETENTION SYSTEM
U.S. 20 OVER YELLOW CREEK TRIBUTARY
FA ROUTE 301 SECTION 23BR-2
JO DAVIESS COUNTY
STATION 123+36.00
STRUCTURE NUMBER 043-2006

THE SCHEMMER ASSOCIATES