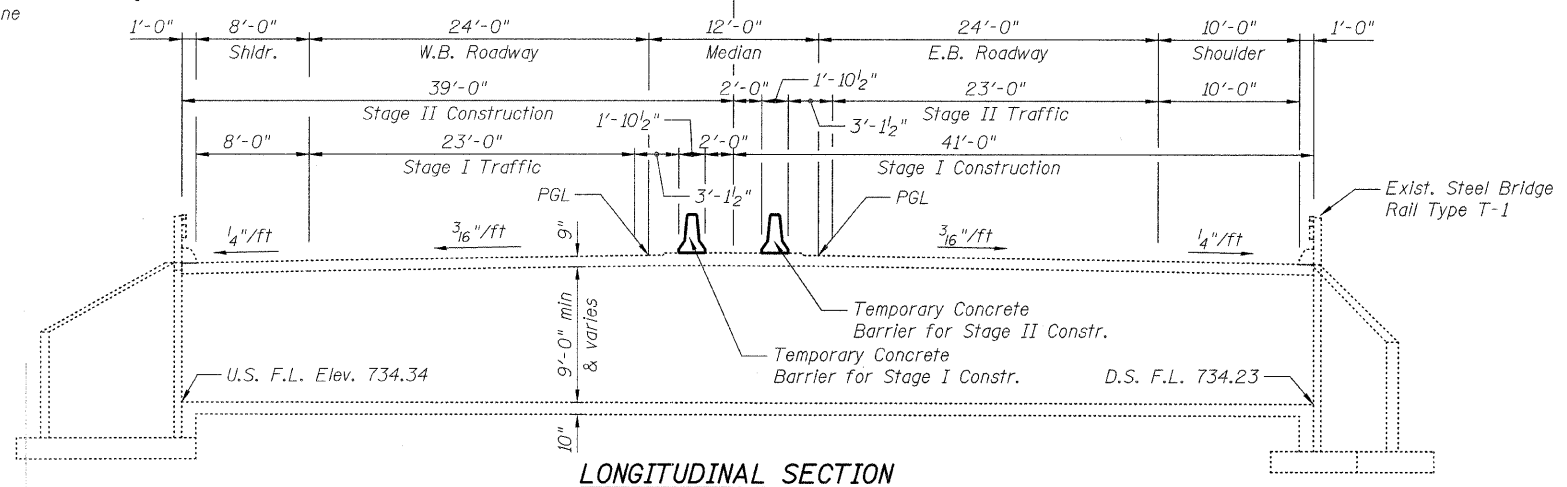


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Benchmark: R.R. spike in the north face of the 3rd utility pole east of structure #022-0150. Elev. 749.66  
 Existing Structure: Structure 022-0150 built in 1983 as a 2 cell concrete box culvert with overall length of 80 ft. Traffic is to be maintained utilizing stage construction. One lane in each direction will be provided during construction.  
 Salvage: None



LONGITUDINAL SECTION

INDEX OF SHEETS

- S1. General Plan
- S2. Temporary Concrete Barrier
- S3. Details

SCOPE OF WORK

1. Hydroscarify slab and approach slab surface
2. Full depth slab repairs
3. Remove and replace concrete median
4. Place Latex Concrete Overlay
5. Sawcut Groove slab surface
6. Full-Depth Repairs on Approach Pavements
7. Resurface Approach Pavements (See Roadway Plans)

GENERAL NOTES

Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.

No future wearing surface will be allowed.

Hydro-Scarification of the approach slabs will be paid for as "Bridge Deck Hydro-Scarification 1/2" .

DESIGN SPECIFICATIONS

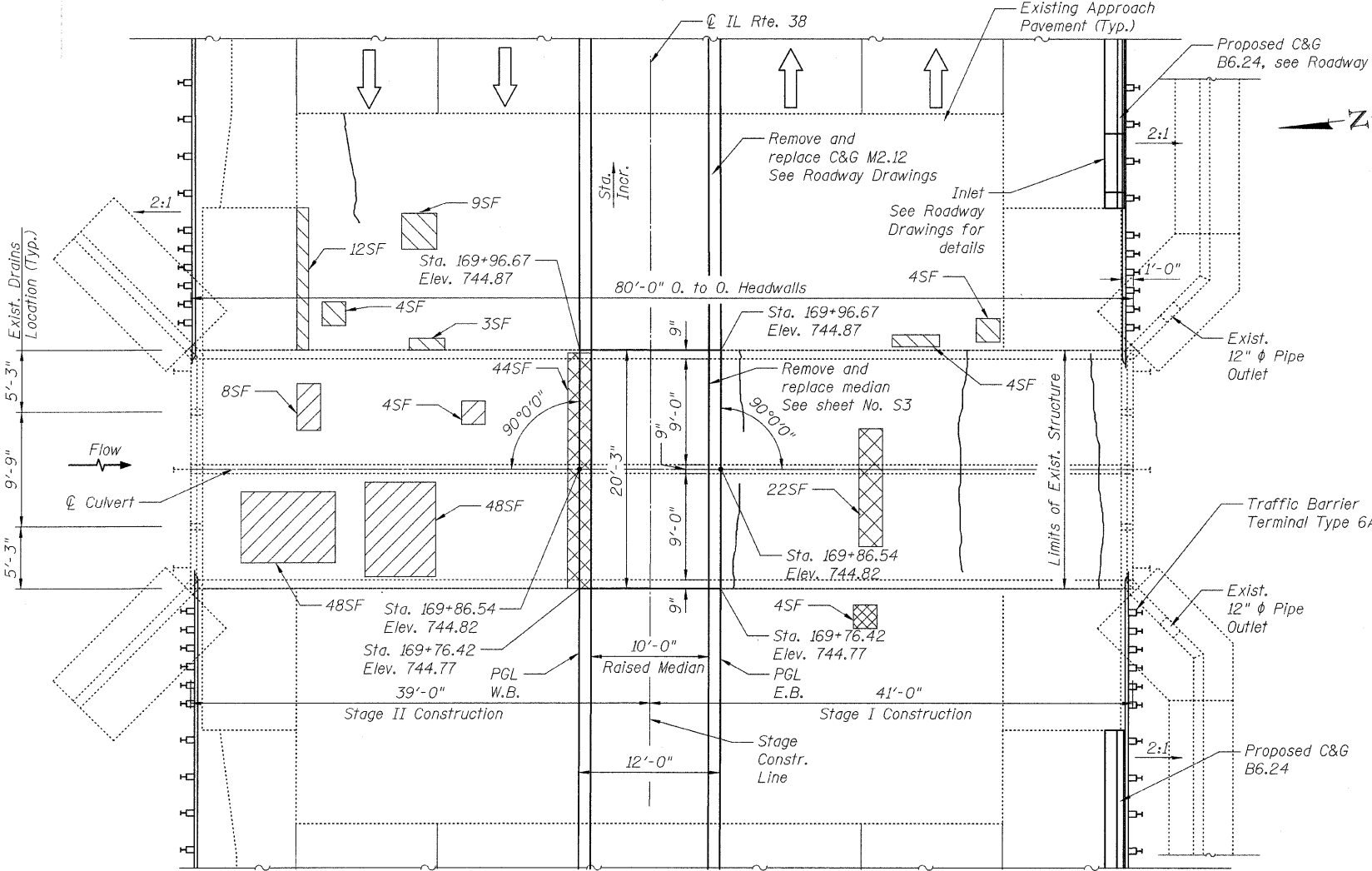
2002 AASHTO Standard Specifications

DESIGN STRESSES

FIELD UNITS  
 f'c = 3,500 psi  
 fy = 60,000 psi (Reinforcement)

LAST DELAMINATION SURVEY

November 8, 2007

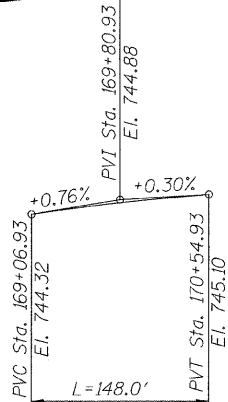


PLAN LEGEND

- Crack (For information only)
- Partial depth repair (For information only)
- Deck Slab Repair (Full depth, Type II)
- Approach Slab Repair (Full Depth)
- Partial depth Approach Pavement Patches (For information only)

HORIZONTAL CURVE

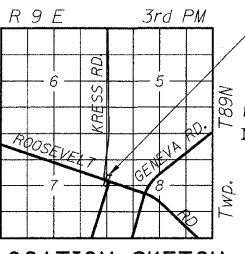
PC = Sta. 166+55.50  
 PT = Sta. 176+85.12  
 $\Delta = 4^{\circ}38'00''$   
 $D = 0^{\circ}27'00''$   
 $T = 515.09'$   
 $L = 1029.62'$   
 $E = 10.41$   
 $R = 12,732.40'$



PROFILE GRADE



DATE: 1/13/2009  
 SEAL EXPIRES: 11/30/2010



BILL OF MATERIALS

Item	Unit	Quantity
Protective Coat	Sq. Yd.	182
Median Removal Partial Depth	Sq. Ft.	203
Concrete Superstructure	Cu.Yd.	3.3
Bridge Deck Grooving	Sq. Yd.	149
* Bridge Deck Latex Concrete Overlay, 2 1/2 inches	Sq. Yd.	149
* Structural Repair of Concrete (Depth Equal to or Less than 5 inches)	Sq. Ft.	8
* Approach Slab Repair (Full Depth)	Sq. Yd.	1.0
* Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	414
* Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	7.3

\* Special Provisions

GENERAL PLAN  
 IL RTE. 38 OVER KRESS CREEK  
 STA. 169+84.54  
 S.N. 022-0150

DESIGNED	B. Sauter
CHECKED	E. Mroczek
DRAWN	R. Danley
CHECKED	B. Sauter

**Ciorba Group, Inc.**  
 CONSULTING ENGINEERS  
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SHEET NO. S1	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	347	2 Y-B-I	DU PAGE	34	27
S3 SHEETS	CONTRACT NO. 60D82				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		