The original structure was built in 1970 as F.A.P. Route 61 Section 22-5HB-1, 22-1HB-9. In 1984, the bridge was widened and overlaid and the expansion joints were reconstructed. In 1988, the expansion joint at the north pier was replaced. In 1995, the pin and link connection was replaced. In 1997, an overlay was placed.

Bench Mark: Chiseled "□" on the South Wingwall of the West Abutment for the Northbound structure. EL. 755.09

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Ditch Flow Line



Stage construction shall be utilized to maintain traffic during construction.

Tie into Exist .-Pipe Drains

No salvage

DESIGNED

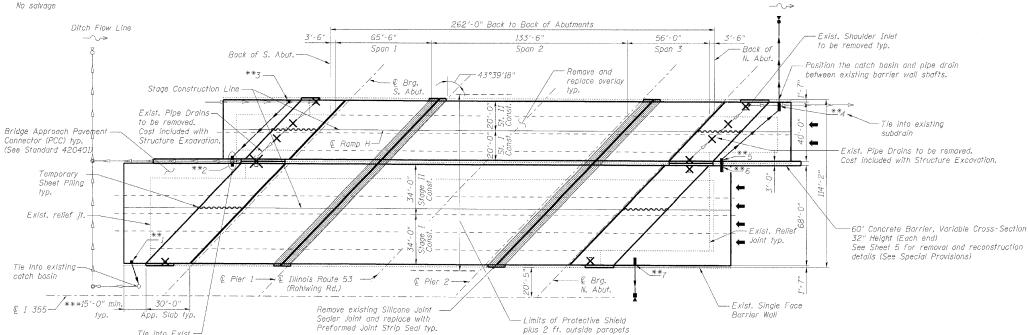
CHECKED

CHECKED

MFB

KWS

KWS/AAY

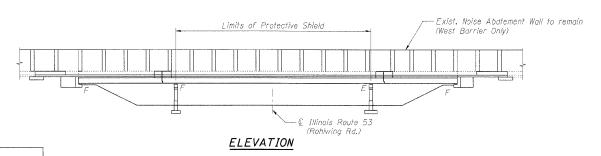


### TABLE A - DRAINAGE DETAILS

PLAN

Location No.	* Drain Type	Pipe Drains, 12"	Concrete Thrust Blocks	End Sections, 12"	Additonal Notes	
1	Ty. B Inlet Box 609001	20'	-	<u> </u>	tie into exist, catch basin	
2	Dr. Str. T1 w/2 T20F&G	-	**	-	tle into exist. subdrain	
3	Ty. B Inlet Box 609001	50′	-	-	tie into exist. subdrain	
4	CB TC T20F&G	64'	1 Each	1 Each	outlet into ditch flow line	
					& tie into exist. subdrain	
5	CB TC T20F&G	50′	-	-	tie Into drain #4	
6	Ty. C Inlet Box 609001	2'	-	-	tie into drain #5	
7	Ty, C Inlet Box 609001	20'	- 1 Each	1 Each	-	

Drainage structures, inlets and catch basins scheduled for removal are assumed to be similar to proposed.

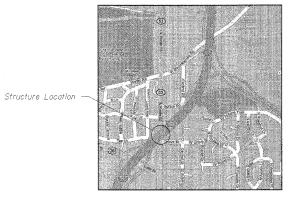


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\* Match existing shoulder elevations.

\*\* See Table A for Drainage Details.

\*\*\*Limits of Bridge Approach Pavement Connector (PCC) shall extend to the location of the existing relief joint, 6'-O" beyond the limits of the Proposed Bridge Approach Slab per Hwy, Std. 420401, or 15'-O" beyond the limits of the proposed Bridge Approach Slab per Hwy, Std. 609001 wherever should inlets are proposed.



LOCATION SKETCH

# DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

#### DESIGN STRESSES

f'c = 3,500 psi fy = 60,000 psi

### SCOPE OF WORK

- 1. Remove bridge approach slabs.
- 2. Bridge Deck Hydro-scarification.
- 3. Repair bridge deck.
- 4. Reconstruct deck joints near each pier with preformed joint strip seal.
- 5. Place New Overlay.
- 6. Stabilize abutments.
- 7. Replace bridge approach slabs and approach pavement connectors.
- 8. Install inlets at approach shoulders.
- 9 Trim beam ends at pin and link connection.
- 10. Apply Protective Coat.

Denotes drainage removal item

## LEGEND

Proposed Pipe Drains 12". Existing Pipe Drain or Subdrain to remain.

Existing Pipe Drain or Subdrain to be removed. Cost included with Structure Excavation.

X Drainage Removal Item.



GENERAL PLAN AND ELEVATION I-355 SB OVER ILLINOIS ROUTE 53 DUPAGE COUNTY STATION 106+46 STRUCTURE NO. 022-0138

SHEET NO. 1 38 SHEETS

F.A.I. RTE.		SEC1	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
290	355 22(1, 1-1, 2&3)RS-7			DUPAGE	546	376	
				CONTRACT	NO. 60	)G51	
EED DOM	DIST NO	٦	THEINOTS	EED	ATO DOOLECT		

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