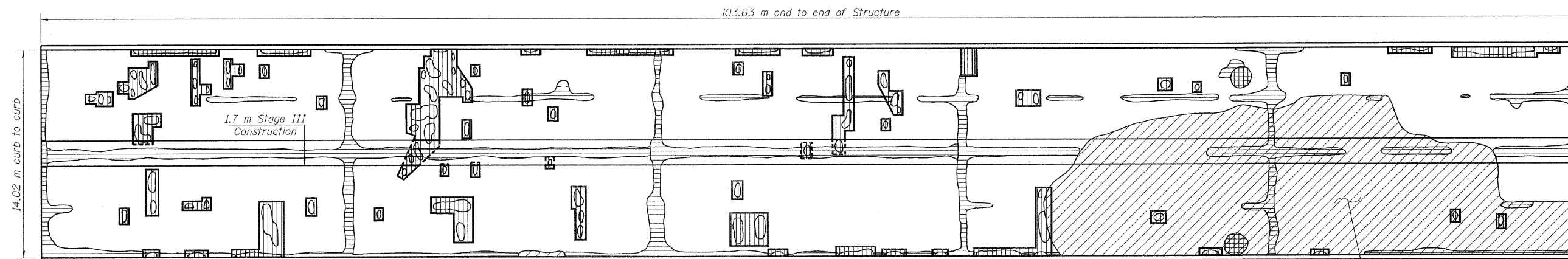


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 866	4N-1	LAKE	165	74
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

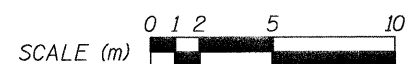
SHEET NO.
5 of 22

Contract No.: 60931



Defects in shade located by visual observations and soundings.

PLAN



NOTES

- Repair areas outlined with dashed lines fall within the Stage III Removal area and are not included in the Deck Slab Repair quantity.
- The Engineer shall record the location of the actual full-depth deck repair areas in order to document as-built conditions for future reference.
- The quantities for Full Depth Deck Slab Repair are nominal quantities which have been added to the Contract in order to establish a unit price.
- If the existing ground beneath the Full Depth Deck Slab Repair areas has settled, the Contractor shall add Porous Granular Backfill up to the bottom elevation of the slab. Cost of Porous Granular Backfill is included with Deck Slab Repair (Full Depth) of the appropriate type. For estimating purposes, the Contractor may assume an average settlement of 6-12".
- Quantities for Partial Depth repair are provided for information only, to assist the Contractor in bidding.

PROPOSED REHABILITATION AREAS

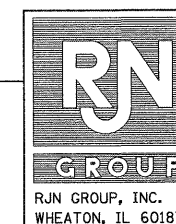
FIELD OBSERVATIONS SUMMARY				LEGEND	
ITEM	UNIT	QUANT.	%		
TOTAL AREA	m ²	1453.0		DECK PREPARATION AREA	
SHADE/DEBRIS	m ²	1.0		SHADE/DEBRIS	
PARTIAL DEPTH REHAB	m ²	112.4	7.7	DELAMINATION	
PARTIAL DEPTH REHAB /BELOW STEEL	m ²	11.2	0.8	SPALL	
FULL DEPTH DECK REPAIR	m ²	30.0	2.0	DEBOND	
TOTAL SAWCUT LENGTH	m	357		ASPHALT PATCH	
				CONCRETE PATCH	

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Deck Slab Repair (Full Depth, Type I)	Sq M	20.0
Deck Slab Repair (Full Depth, Type II)	Sq M	20.0

INSPECTION DATE: 10/03
SURFACE TYPE: BITUMINOUS OVERLAY

EARTH TECH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BRIDGE DECK THERMOGRAPHIC SURVEY
IL RTE. 132 LAND BRIDGE
FAP RTE 866 - SEC 4N-1
LAKE COUNTY
STA. 1+143.3
SN 049-D002
DATE: 11-06-09
DRAWN BY BLB
CHECKED BY WJV