

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY

FAP RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	#	COOK	271	1
PROJECT # 531(1&2)RS-1(89) & 1989-107BR				

D-91-475-89



1. IL. RTE. 53 (N.B.) OVER ILL. RTE. 62 SN-016-0378  
INCLUDES ONE 4 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 119+77.27  
2 SPANS AT 41'-3", 1 AT 38'-2" AND 1 AT 36'-8".
2. IL. RTE. 53 (S.B.) OVER ILL. RTE. 62 SN-016-2133  
INCLUDES ONE 4 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 119+77.27  
2 SPANS AT 41'-3", 1 AT 38'-2" AND 1 AT 36'-8".
3. IL. RTE. 53 OVER SALT CREEK SN-016-0377  
INCLUDES ONE 63'-3" SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH PRE-STRESSED CONCRETE BEAMS ON CONCRETE ABUTMENTS AT STA. 142+20
4. IL. RTE. 53 (N.B.) OVER KIRCHOFF RD. SN-016-0376  
INCLUDES ONE 3 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 193+08.37  
2 SPANS AT 42'-9" AND 1 AT 110'-3".
5. IL. RTE. 53 (S.B.) OVER KIRCHOFF RD. SN-016-1121  
INCLUDES ONE 3 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 193+08.37  
2 SPANS AT 42'-9" AND 1 AT 110'-3".
6. IL. RTE. 53 (N.B.) OVER INDUSTRIAL AVE. SN-016-0375  
INCLUDES ONE 3 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 243+49.94  
2 SPANS AT 45'-2" AND 1 AT 59'-2".
7. IL. RTE. 53 (S.B.) OVER INDUSTRIAL AVE. SN-016-1120  
INCLUDES ONE 3 SPAN CONTINUOUS R.C. SLAB STRUCTURE WITH STEEL GIRDERS ON CONCRETE PIERS AND ABUTMENTS AT STA. 243+49.94  
2 SPANS AT 45'-2" AND 1 AT 59'-2".

PLAN  
PROFILE HORIZ.  
PROFILE VERT.  
CROSS SECTIONS

F.A. 342 (IL. RTE. 53)  
SECTION 531(1&2)RS-1(89) & 1989-107BR  
ILL. RTE. 62 TO U.S. RTE. 14  
RESURFACING AND BRIDGE DECK REHABILITATION  
COOK COUNTY  
C-91-255-90

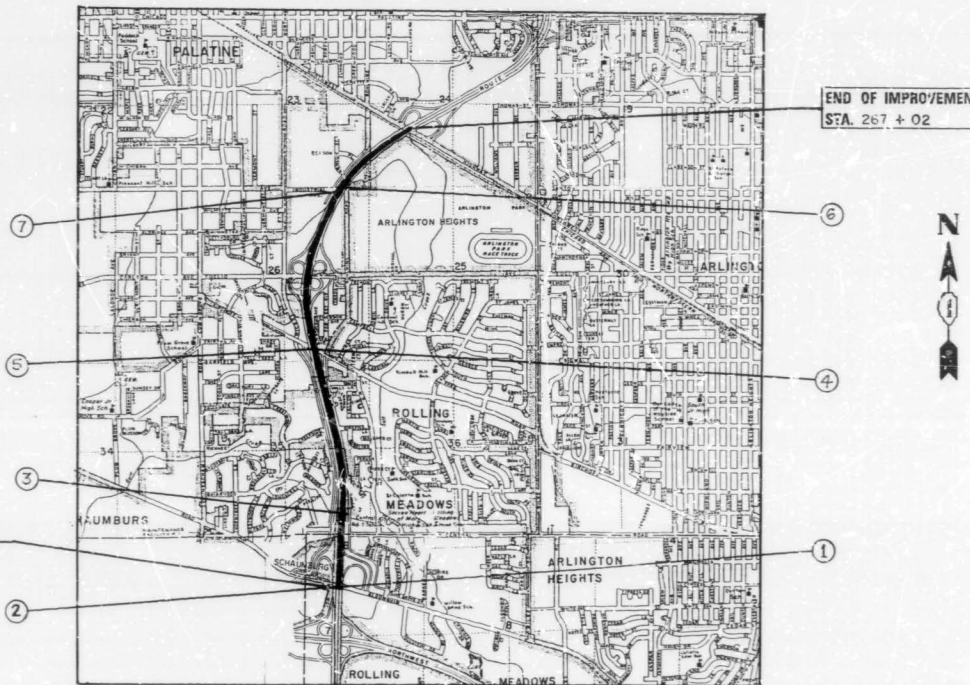
DESIGN DESIGNATION  
9630(10) TRUNK 5.5(B-20)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

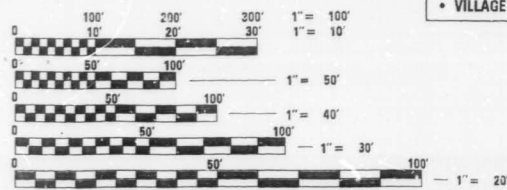
SUBMITTED Jan 2 1991 CONTRACT NUMBER \_\_\_\_\_  
EXAMINED Jan 25 1991 Ray D. Gault DIVISION OF PLANS AND CONTRACTS  
PASSED Jan 25 1991 DIVISION OF DESIGN  
APPROVED Jan 25 1991 DIVISION OF HIGHWAYS

PRINTED BY AUTHORITY OF THE  
STATE OF ILLINOIS

FOR J.U.L.I.E. INFORMATION CALL 1-800-892-0123



PROJECT LOCATED IN:  
• VILLAGE OF ROLLING MEADOWS  
• VILLAGE OF ARLINGTON HEIGHTS



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

CONTRACT NO. 80797

NET LENGTH OF IMPROVEMENT = 15,102 LIN. FT. = 2.860 MI.  
GROSS LENGTH OF IMPROVEMENT = 15,102 LIN. FT. = 2.860 MI.

PLAN PREPARATION ENGINEER  
L. SORENSON, / M. DEYONG (708) 705-4432



F. A. D. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	2
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

\*531(182)RS-1(89)E1989-107 BR

INDEX OF SHEETS

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39	IMPACT ATTENUATOR & CORRUGATED BITUMINOUS SHOULDER DETAILS
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238-241	CROSS SECTIONS - UNDER EUCLID AVENUE
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248-262	CROSS SECTIONS - CENTERLINE MEDIAN
263-264	CROSS SECTIONS - DITCH REGRADING
265-271	DISTRICT DETAILS

⊗ INCLUDES 169A  
 \* INCLUDES 184A  
 △ ± INCLUDES 199A, 199B

LIST OF STATE STANDARDS

STANDARD #	DESCRIPTION
2149-11	DELINEATORS
2213-4	FRAME AND LIDS, TYPE 1
2225-9	REINFORCEMENT FOR CONTINUOUSLY REINFORCED P.C.C. PAVEMENT
2228-4	METAL END SECTION FOR PIPE CULVERTS
2230-16	STEEL PLATE BEAM GUARDRAIL
2233-12	36' CONTINUOUSLY REINFORCED P.C.C. PAVEMENT
2237-11	B.A.M. SHOULDER DETAILS - ADJACENT TO RIGID PAVEMENT
2298-8	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
2299-11	DESIGN OF TRAFFIC CONTROL DEVICES
2300-3	FLAGMAN TRAFFIC CONTROL SIGN
2307-6	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES SHORT-TIME OPERATION, DAY OR NIGHT
2308-5	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES RURAL, DAY OR NIGHT, MOVING OPERATIONS
2314-5	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES MULTILANE DIV. AND UNDIV., RURAL, DAY OR NIGHT
2316-12	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES MULTILANE DIV. AND UNDIV., RURAL, OVER ONE DAY
2323-11	PAVEMENT JOINTS
2324-7	BRIDGE APPROACH SHOULDER PAVEMENT
2326-3	TRAFFIC BARRIER TERMINAL, TYPE 10
2327-11	SUB-SURFACE DRAINS
2333-3	CONCRETE BARRIER
2336-4	TRAFFIC BARRIER TERMINAL, TYPE 1 AND 1A
2337-2	TRAFFIC BARRIER TERMINAL, TYPE 2
2338-2	TRAFFIC BARRIER TERMINAL, TYPE 3 & 3A
2340-4	TRAFFIC BARRIER TERMINAL, TYPE 5 & 5A
2341-3	TRAFFIC BARRIER TERMINAL, TYPE 6
2360-4	BRIDGE APPROACH PAVEMENT (50 FT.)
2362-3	CONCRETE HEADWALL FOR PIPE DRAINS
2381	TEMPORARY EROSION CONTROL SYSTEMS
2383-1	TEMPORARY CONCRETE BARRIER
2385	FRAME AND GRATE, TYPE 20
2386	FRAME AND GRATE, TYPE 21
2387	FRAMES AND GRATES, TYPE 22
2419	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES MULTILANE DIVIDED AND UNDIVIDED RURAL, DAY OR NIGHT OPERATIONS
2425-1	CLASS A PATCHES
2427-1	CLASS C AND D PATCHES
U-2	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
U-4	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
△ 2429	CONCRETE SHOULDERS

PLAN NOTES

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "DIGGER" (CHICAGO UTILITY ALERT NETWORK), (312)774-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION IS REQUIRED).

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT FOR STEEL PLATE BEAM GUARD RAIL REMOVAL.

BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED. (ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL).

WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

① INCLUDES 10A

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
INDEX OF SHEETS,  
PLAN NOTES  
AND  
STATE STANDARDS

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY R.V.

△ Rev 2.6.91

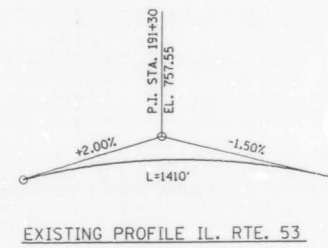
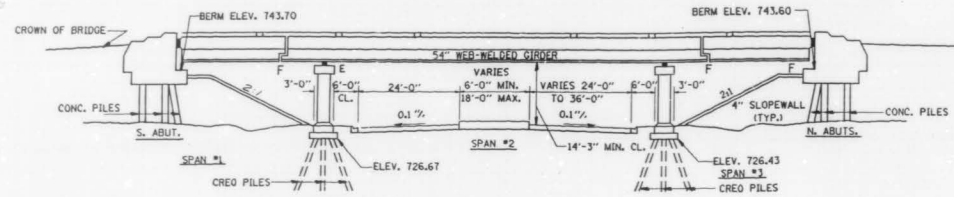


**DARCOBY**

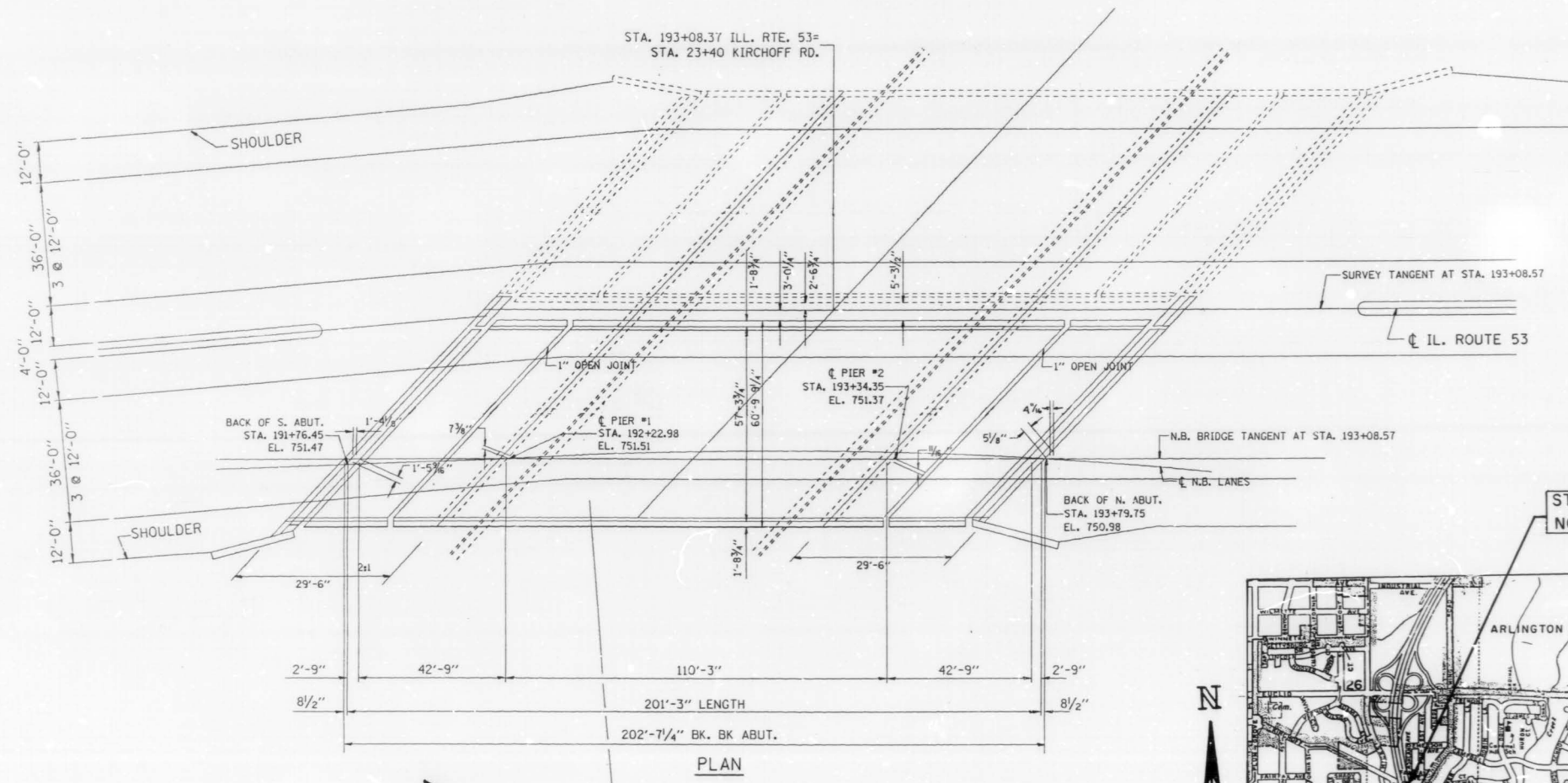


**EXISTING BRIDGE DESCRIPTION**  
 THE BRIDGE CONSIST OF A 3 SPAN CONTINUOUS WELDED PLATE GIRDER STRUCTURE, HAVING 2 SPANS AT 42'-9" AND 1 SPAN AT 110'-3" THE 7-INCH THICK CONCRETE DECK HAS A BITUMINOUS CONCRETE OVERLAY. THE STRUCTURE REST ON OPEN R.C. ABUTMENTS AND R.C. PIERS

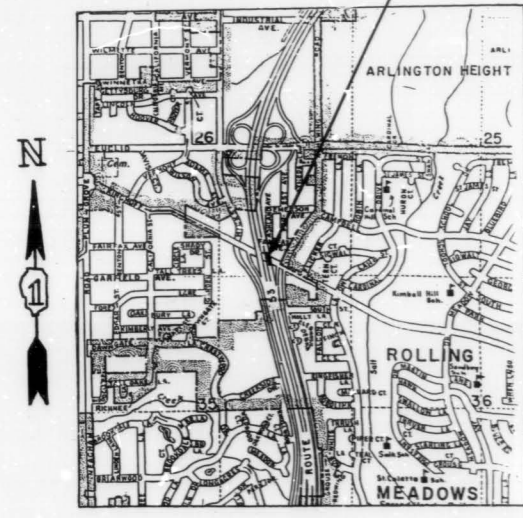
P.A.P. ETC.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	209
STA.	TO STA.			
FED. ROAD DIST. NO.	BLANKETS	FED. AID PROJECT		
* 531(1) & 21RS-1(89) & 1989-107BR				
SHEET 1 OF 7				



- INDEX OF SHEETS**
- 1) PLAN AND ELEVATION
  - 2) GENERAL NOTES AND SUMMARY OF QUANTITIES
  - 3) DECK DETAILS
  - 4) DELAMTECT AND BOTTOM DECK SURVEY
  - (5-6) JOINT RECONSTRUCTION DETAIL
  - 7) STAGING CROSS SECTION



**HORIZONTAL CURVE DATA**  
 $\Delta = 77^\circ 11' 38''$   
 $D = 0^\circ 57' 17.8''$   
 $R = 6000'$   
 $T = 4789.21'$   
 $L = 8083.72'$   
 $E = 1677.02'$   
 $S.E. = .02 \%$



**STRUCTURE NO. 016-0376 NORTHBOUND**

**STRUCTURE NO. 016-0376 NORTHBOUND**

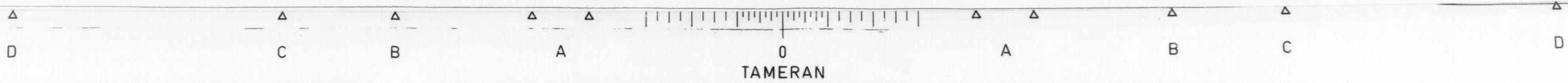
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL. RTE. 53 @ KIRCHOFF RD. N.B.  
 BRIDGE REHABILITATION  
 STRUCTURE NO. 016-0376  
 PLAN & ELEVATION

REVISIONS	
NAME	DATE

SCALE: VERT. NONE  
 HORIZ. NONE  
 DATE 10/23/90  
 DRAWN BY  
 CHECKED BY

11-OCT-93 19:33:08 (CREATED)  
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VI-BR3



F. A. D. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	210
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ALIGNMENT	FED. AID PROJECT	

\*531(142)RS-1(89) & 1989-1078R  
SHEET 2 OF 7

NOTES:

1. ~~The Zinc-silicate and vinyl paint system shall be used for shop and field painting of Structural Steel except where otherwise noted. The color of the vinyl finish coat shall be Munsell No. 7.5G 4/8.~~
2. All structural steel shall be AASHTO M 222 except expansion joint plates and attached bars which shall be AASHTO M 183.
- 2A. *Deck Repair Method II shall be used for this structure (See Spec. Prov.)*
3. Expansion joint plates and attached bars shall be shop painted with the zinc-silicate primer.
4. ~~AASHTO M 222 structural steel shall not be painted except, that for a distance of three times the depth of the beams or girders (but not exceeding 10 feet) each way from deck joints, the AASHTO M 222 structural steel shall be cleaned and given one coat of the zinc-silicate primer and a dark mason vinyl finish coat. The color of the finish coats shall be Munsell No. 2.5 R 3/4 reddish brown. Both coats may be applied in the shop with spot painting only in the field.~~
5. The structural steel bearing plates of the Elastomeric Bearing Assembly shall conform to the requirements of AASHTO M 223 Grade 50 (AASHTO M 222).
6. Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42 or M-53 Grade 60.
7. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field 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 the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
8. ~~All accessible end areas of steel beams, exposed top of steel beams, end diaphragms, and bearings designated by the Engineer for painting shall be cleaned by Method I. The three coat lead and chromate free alkyd paint system shall be applied over all cleaned areas, except the exposed top of steel beams to be embedded in concrete shall receive only one coat of the primer of this system. The color of the final finish coat shall be INTERSTATE GREEN. This work will be paid for in accordance with Article 109.04 of the Standard Specifications.~~

TOTAL BILL OF MATERIALS

ITEM	UNIT	TOTAL
BITUMINOUS CONCRETE REMOVAL (DECK)	SQ. YD.	1262
CONCRETE BRIDGE DECK SCARIFICATION, 1/2"	SQ. YD.	1262
DECK SLAB REPAIR (PARTIAL DEPTH)	SQ. YD.	80
DECK SLAB REPAIR (FULL DEPTH)	SQ. YD.	10
CONCRETE REMOVAL, SPECIAL	CU. YD.	41.0
HANDRAIL REMOVAL	LIN. FT.	398
NEOPRENE JOINT, 2"	LIN. FT.	163
REINFORCEMENT BARS, EPOXY COATED	POUND	7232
CLASS X CONCRETE SUPERSTRUCTURE	CU. YD.	48.4
MICROSILICIA CONCRETE BRIDGE DECK OVERLAY, 2 1/2"	SQ. YD.	1262
PROTECTIVE COAT	SQ. YD.	1513
PROTECTIVE SHIELD	SQ. YD.	230
CONCRETE PARAPET RETROFIT	LIN. FT.	398
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	4347
SAWING PC CONCRETE PAVEMENT, 3/4"	LIN. FT.	724
PREFORMED JOINT SEALS, 1 3/4"	LIN. FT.	164

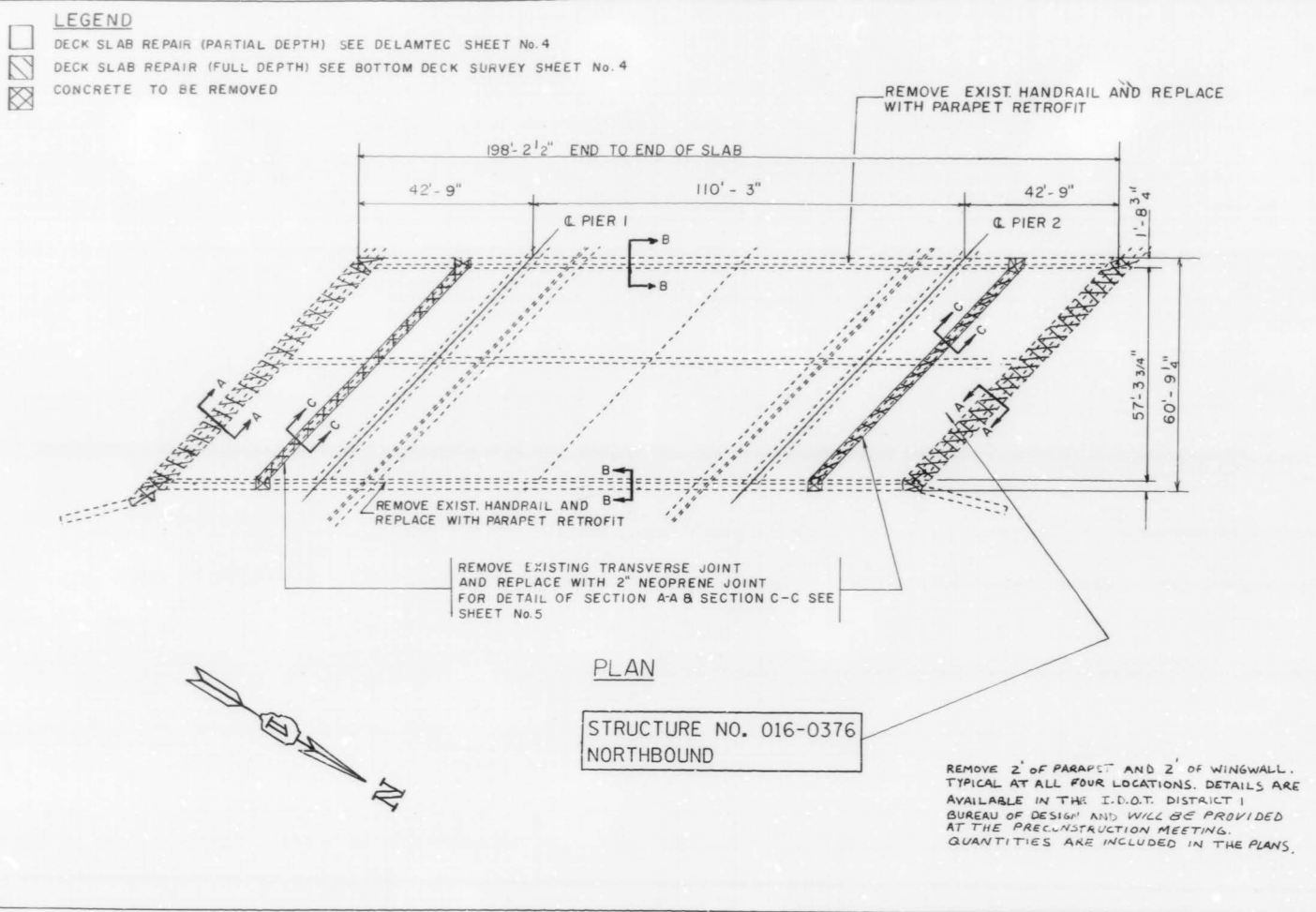
REVISIONS	
NAME	DATE

DEPARTMENT OF TRANSPORTATION  
IL. RTE. 53 @ KIRCHOFF RD.  
(NORTHBOUND LANES)  
GENERAL NOTES  
AND  
BILL OF MATERIALS  
DATE  
CHECKED BY R.P.



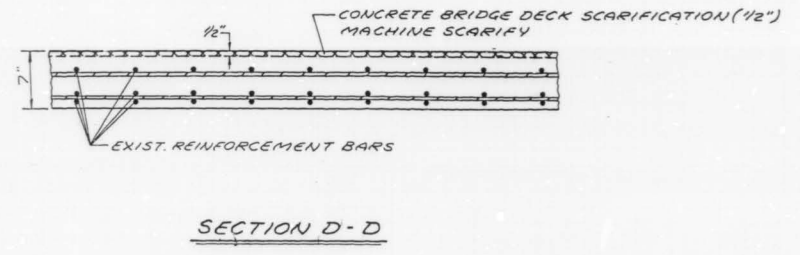
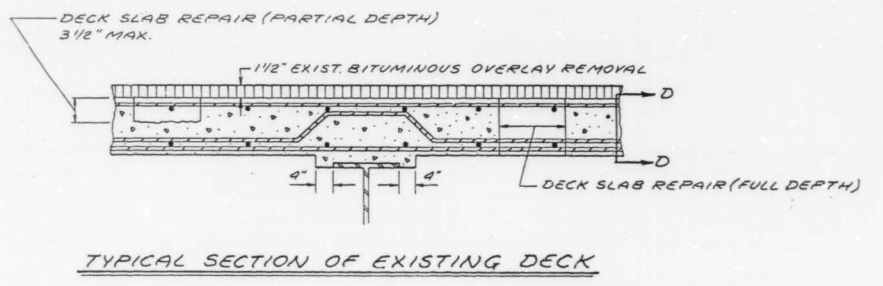
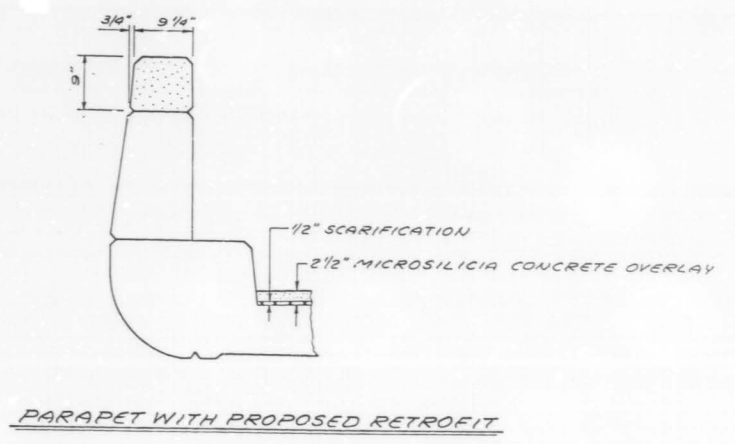
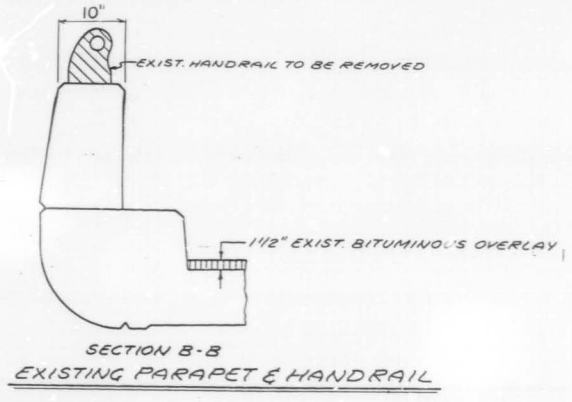
**TAMERAN**





**BILL OF MATERIALS**

ITEM	UNIT	QUANTITIES
		TOTAL
BITUMINOUS CONCRETE REMOVAL (DECK)	SQ. YD.	1262
CONCRETE BRIDGE DECK SCARIFICATION, 1/2"	SQ. YD.	1262
DECK SLAB REPAIR (PARTIAL DEPTH)	SQ. YD.	80
DECK SLAB REPAIR (FULL DEPTH)	SQ. YD.	10
MICROSILICIA CONCRETE BRIDGE DECK OVERLAY, 2 1/2"	SQ. YD.	1262
PROTECTIVE COAT	SQ. YD.	1363
PROTECTIVE SHIELD	SQ. YD.	230
PARAPET RETROFIT	LIN. FT.	398
HANDRAIL REMOVAL	LIN. FT.	398



ILLINOIS DEPARTMENT OF TRANSPORTATION

IL. RTE. 53 @ KIRCHOFF RD. N.B.  
BRIDGE REHABILITATION  
STRUCTURE NO. 016-0376  
DECK DETAILS

SCALE: VERT. DATE 10/23/90

DRAWN BY CHECKED BY

REVISIONS	
NAME	DATE

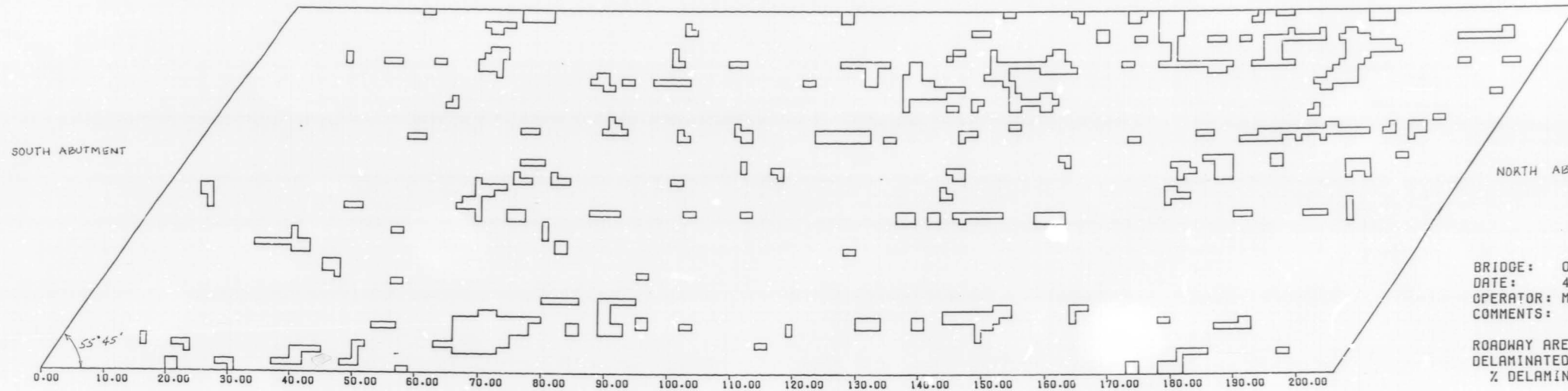
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VI--BR13



RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	212
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

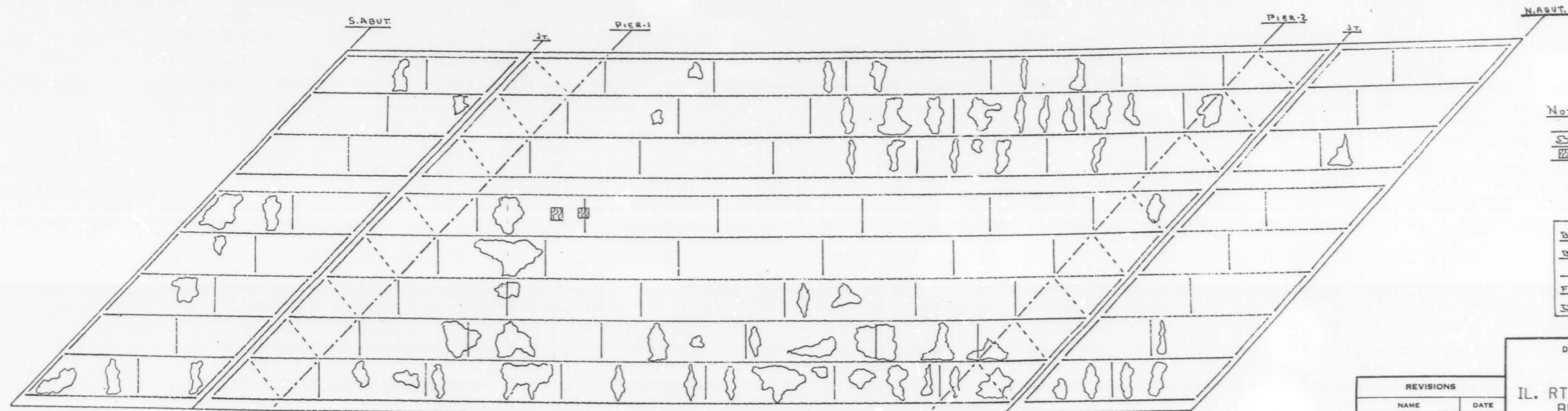
\* 531(142)RS-1(89) & 1989-107 BR  
SHEET 4 OF 7



SCALE: HORIZONTAL 1" = 10'  
VERTICAL 1" = 10'

BRIDGE: 016 0376  
DATE: 4/30/90  
OPERATOR: MATECHICK NB53/KIRCHOFF  
COMMENTS:

ROADWAY AREA: 1262 SY  
DELAMINATED AREA: 80 SY  
% DELAMINATED: 6 %

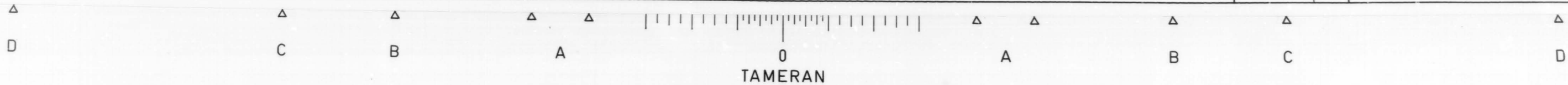


NOTE:  
No Spall Areas  
Leaching Areas  
Plywood Forms

BRIDGE-ILL 53 NB/KIRCHOFF RD  
BRIDGE No. 016-0376 "G21"  
BOTTOM DECK SURVEY  
FIELD DATA NM DATE 3/9/90  
DRAWN BY NM DATE 3/9/90

REVISIONS	
NAME	DATE

DEPARTMENT OF TRANSPORTATION  
IL. RTE. 53 @ KIRCHOFF RD. N.B.  
BRIDGE REHABILITATION  
STRUCTURE NO. 016-0376  
DELAMTECT AND  
BOTTOM DECK SURVEY DATE  
CHECKED BY



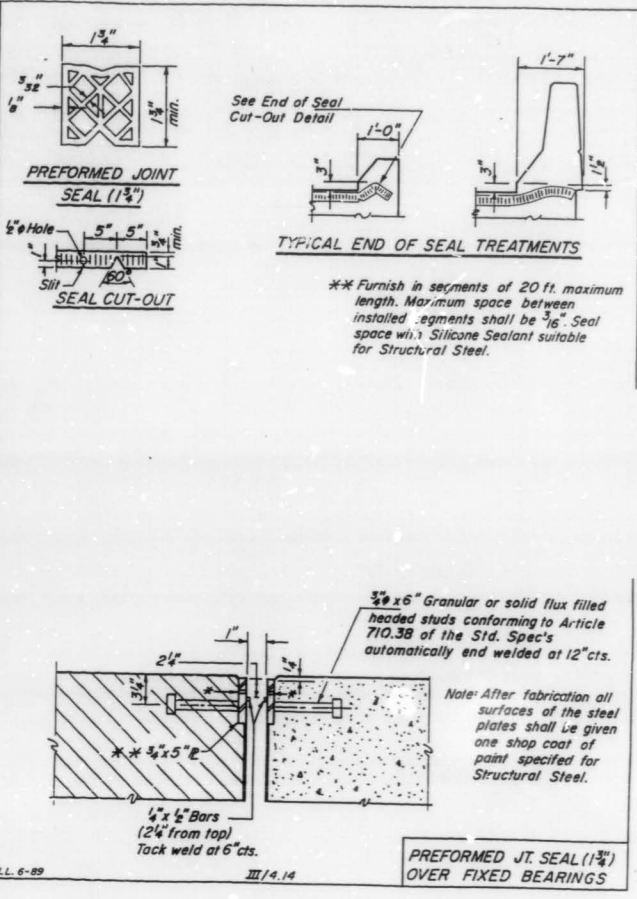
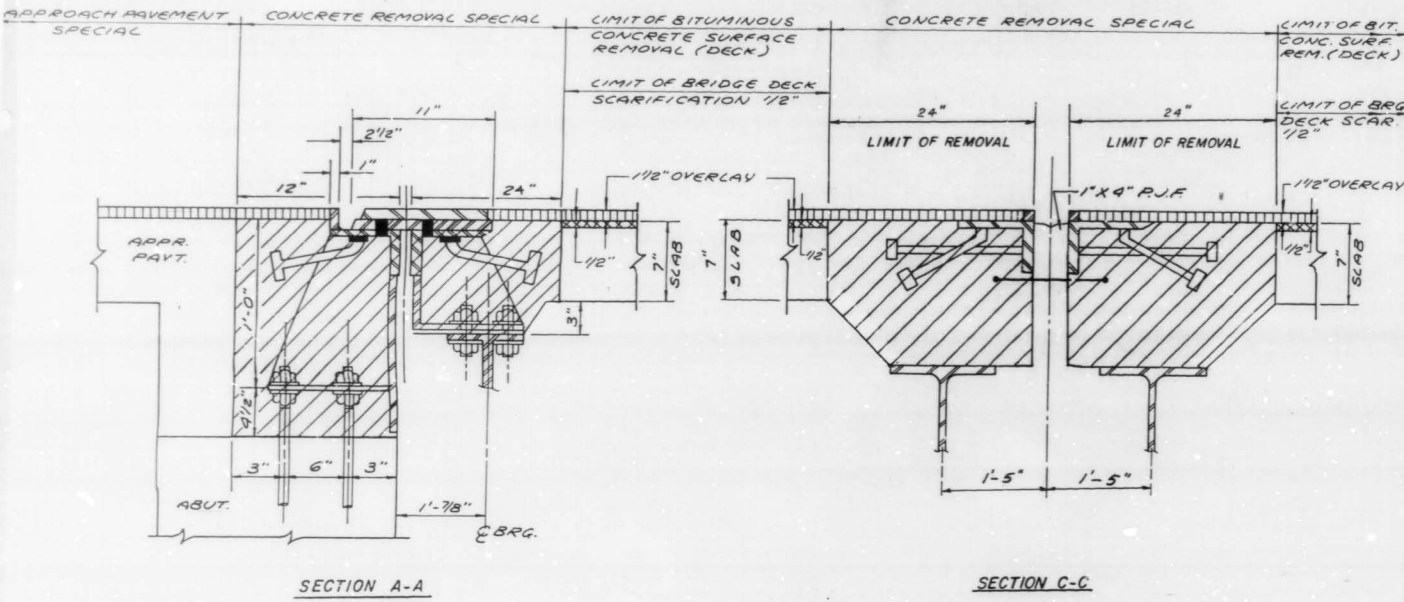
NOTES: EXISTING REINFORCEMENT BARS IN THE REMOVAL AREAS SHALL BE CLEANED BEFORE PLACEMENT OF NEW CLASS X CONCRETE. (COST TO BE INCIDENTAL TO "CLASS X CONCRETE").  
REMOVAL OF EXISTING STRUCTURAL STEEL SHALL BE INCIDENTAL TO "CONCRETE REMOVAL SPECIAL".

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	213
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

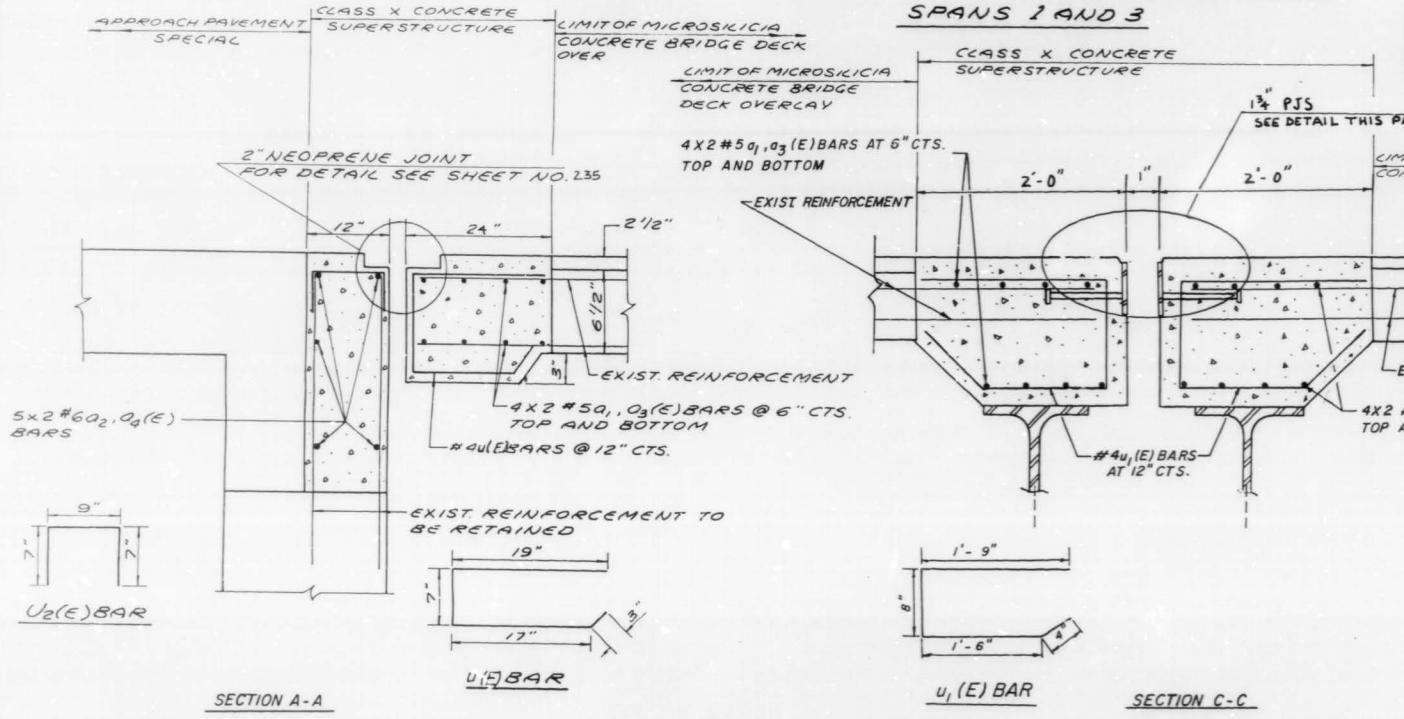
\* 531 (182) RS - 1(89) & 1993 - 10789  
SHEET 5 OF 7

**BAR LIST**

BAR NO.	NO.	SIZE	LENGTH	SHAPE
Q1(E)	96	#5	21'-3"	—
Q2(E)	20	#6	21'-5"	—
Q3(E)	96	#5	19'-4"	—
Q4(E)	20	#6	19'-6"	—
U(E)	150	#4	3'-10"	—
U1(E)	300	#4	4'-3"	—
U2(E)	150	#4	1'-11"	—



SECTION THRU EXISTING JOINT AT N. AND S. ABUTMENT      SECTION THRU EXISTING JOINTS IN SPANS 1 AND 3



SECTION THRU PROPOSED JOINT AT N. AND S. ABUTMENT      SECTION THRU PROPOSED JOINTS IN SPANS 1 AND 3

**BILL OF MATERIALS**

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL, SPECIAL	CU. YD.	41.0
REINFORCEMENT BARS (EPOXY COATED)	POUND	7232
CLASS X CONCRETE SUPERSTRUCTURE	CU. YD.	48.4
SAWING P.C. CONCRETE PAVEMENT, 3/4"	LIN. FT.	724
FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	4347
NEOPRENE JOINT, 2"	LIN. FT.	163
PROTECTIVE COAT	SQ. YD.	150
PREFORMED JOINT SEAL, (1 3/4")	LIN. FT.	164

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL. RTE. 53 @ KIRCHOFF RD.  
(NORTHBOUND)  
STRUCTURE No. 016 - 0376  
JOINT RECONSTRUCTION DETAIL

REVISIONS	
NAME	DATE

SCALE: VERT. NONE      DRAWN BY J.R.C.  
HORIZ.      CHECKED BY R.Y.  
DATE

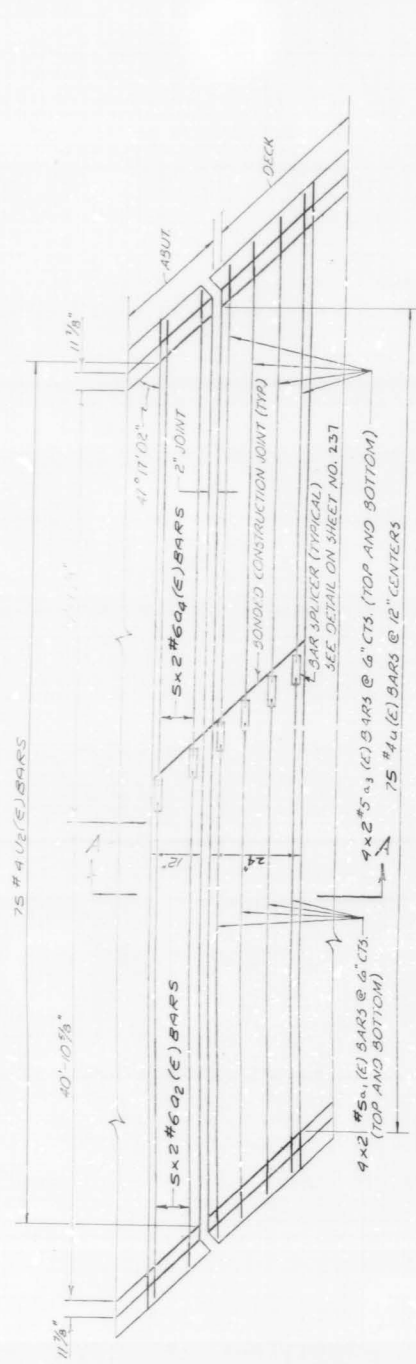




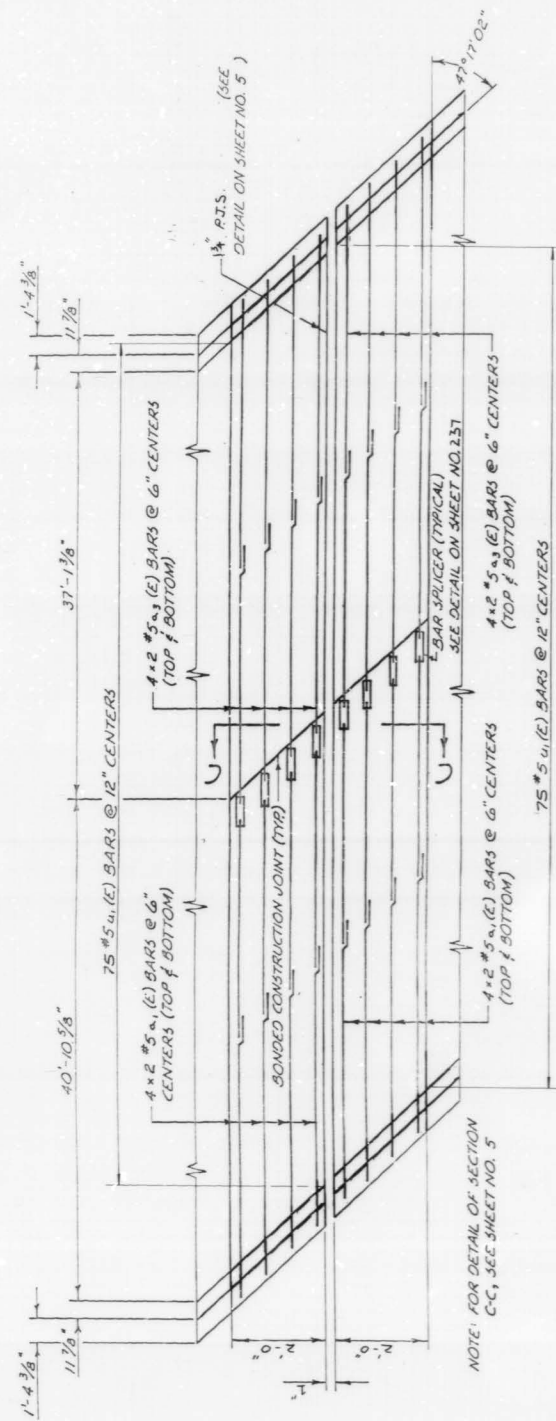
F.R. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	214
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJ. NO.		

\* 531(1/2) RS - (89) 61989-1078R

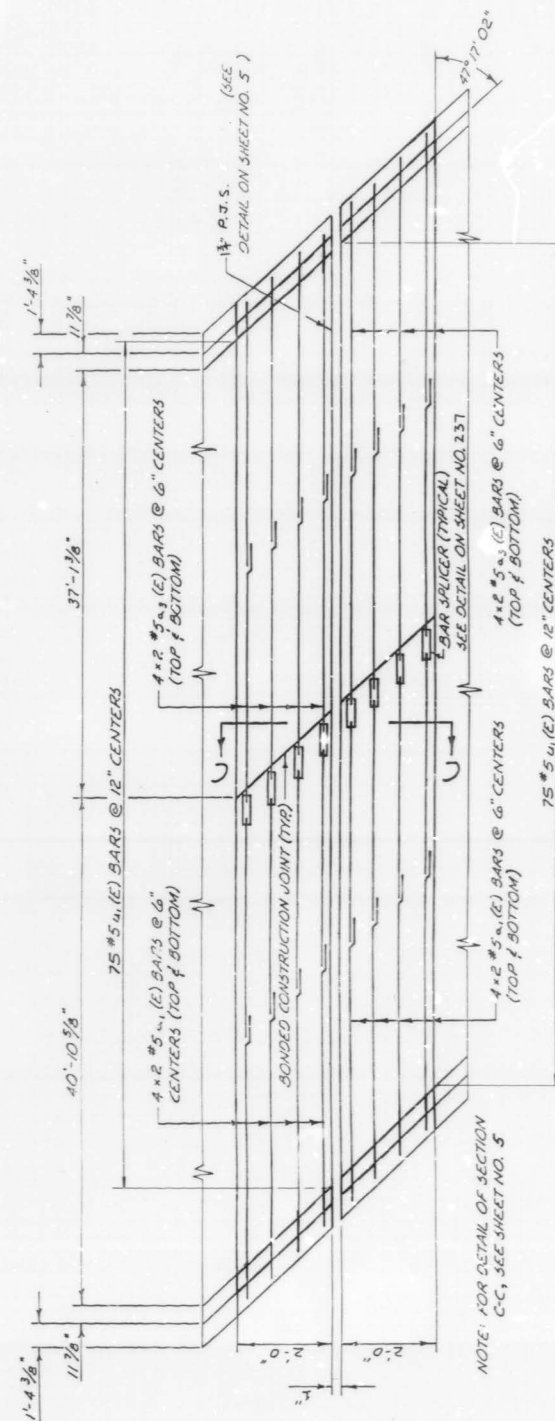
SHEET 6 OF 7



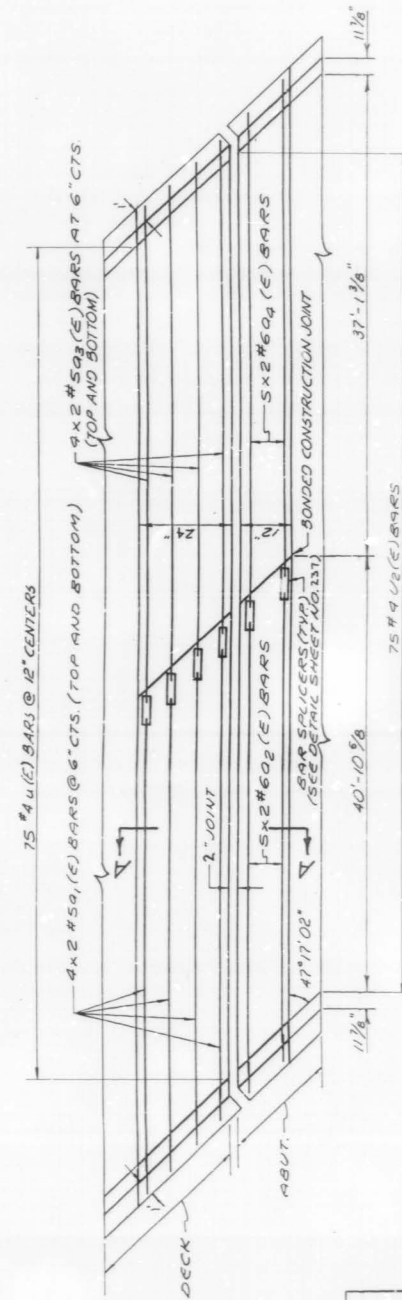
PLAN OF PROPOSED HINGE JOINT AT SOUTH ABUTMENT



PLAN OF PROPOSED HINGE JOINT AT SPAN 1



PLAN OF PROPOSED HINGE JOINT AT SPAN 3



PLAN OF PROPOSED HINGE JOINT AT NORTH ABUTMENT

NOTE: SECTIONS A-A & C-C SHOWN ON PREVIOUS SHEET



TAMERAN

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 ILL. RTE. 53 @ KIRCHOFF RD. N.B.  
 BRIDGE REHABILITATION  
 STRUCTURE NO. 016-0376  
 JOINT RECONSTRUCTION  
 SCALE: NO SCALE DRAWN BY: M.H.  
 DATE: NOVEMBER, 1990 CHECKED BY: R.Y.

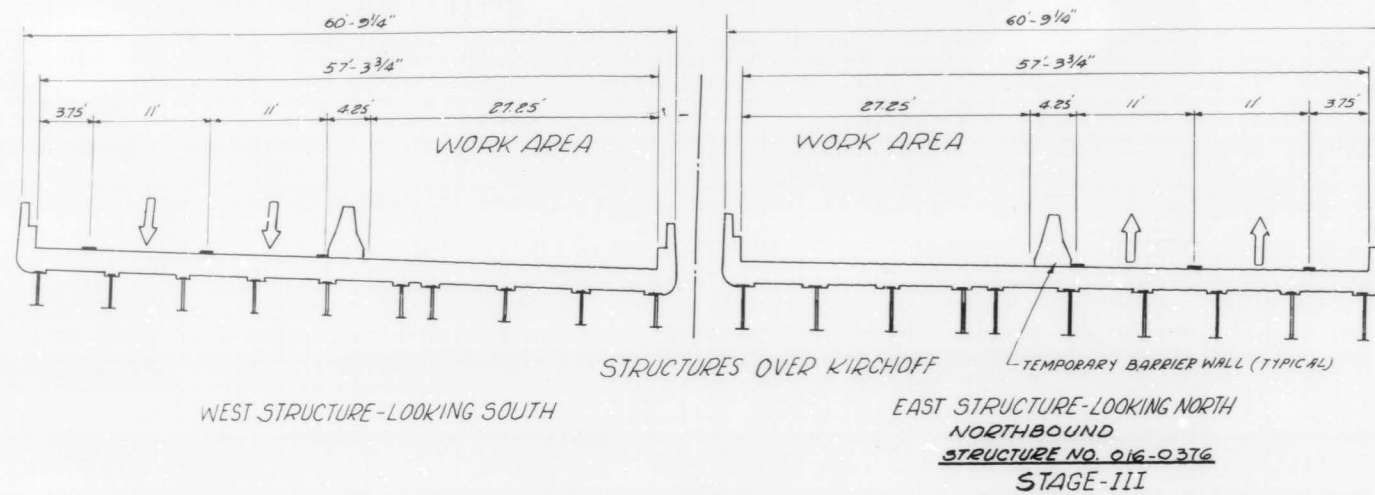
REVISIONS	
NAME	DATE

D C B A A B C D

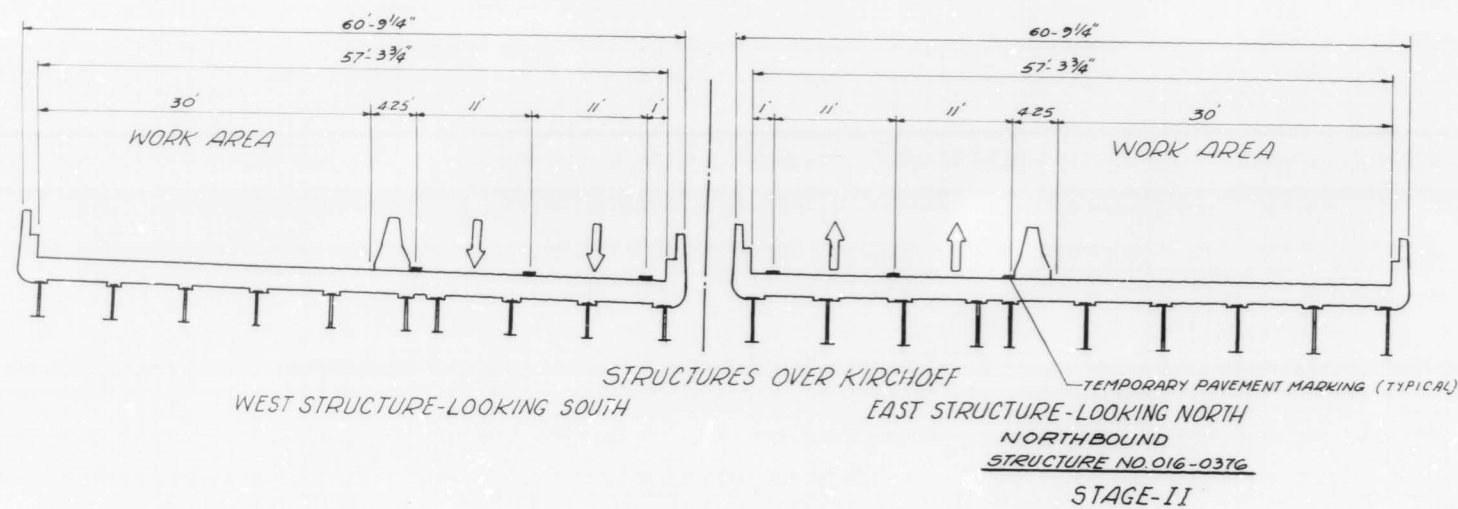


F&P SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
342	*	COOK	271	215
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	F&P AID PROJECT		

\* 531 (1/2) AS-1(89) & 1989-107 BR  
SHEET 7 OF 7



- STAGE II
- 1.) PLACE ALL TRAFFIC CONTROL AND REROUTE TRAFFIC TO OUTSIDE LANES
  - 2.) REMOVE EXISTING BRIDGE DECK BITUMINOUS OVERLAY 1 1/2"
  - 3.) SCARIFY BRIDGE DECK SLAB 1/2"
  - 4.) REMOVE EXISTING HANDRAIL AND REPLACE WITH A CONCRETE PARAPET RETROFIT
  - 5.) CONSTRUCT PARTIAL AND FULL DEPTH DECK SLAB REPAIRS
  - 6.) REMOVE EXISTING TRANSVERSE JOINTS
  - 7.) INSTALL PROPOSED PREFORMED JOINT SEAL OR NEOPRENE JOINTS
  - 8.) PLACE PROPOSED MICROSILICIA CONCRETE BRIDGE DECK OVERLAY 2 1/2"



- STAGE III
- 1.) RELOCATE ALL TRAFFIC CONTROL AND REROUTE TRAFFIC TO INSIDE LANES
  - 2.) REMOVE EXISTING BRIDGE DECK BITUMINOUS OVERLAY 1 1/2"
  - 3.) SCARIFY BRIDGE DECK SLAB 1/2"
  - 4.) REMOVE EXISTING HANDRAIL AND REPLACE WITH A CONCRETE PARAPET RETROFIT.
  - 5.) CONSTRUCT PARTIAL AND FULL DEPTH DECK SLAB REPAIRS
  - 6.) REMOVE EXISTING TRANSVERSE JOINTS
  - 7.) INSTALL PROPOSED PREFORMED JOINT SEAL OR NEOPRENE JOINTS
  - 8.) PLACE PROPOSED MICROSILICIA CONCRETE BRIDGE DECK OVERLAY 2 1/2"

REVISIONS	
NAME	DATE

DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE-53  
(NORTHBOUND)  
TYPICAL STAGING CROSS SECTION  
STRUCTURE OVER KIRCHOFF  
STRUCTURE NO. 016-0376

DATE  
CHECKED BY

