F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	556	425
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62300		*(1818, ETC, 2324.6-1P)R-8		

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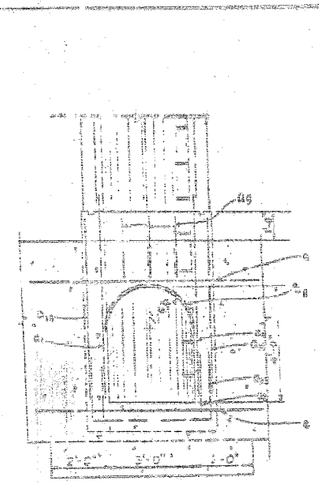
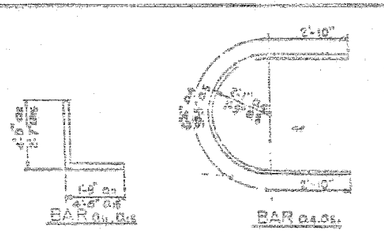
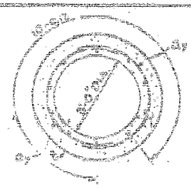
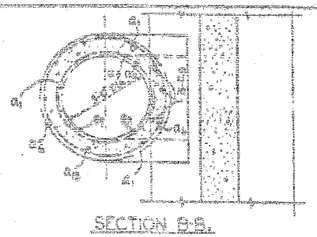
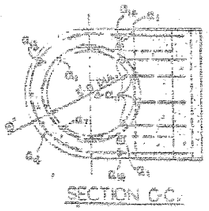






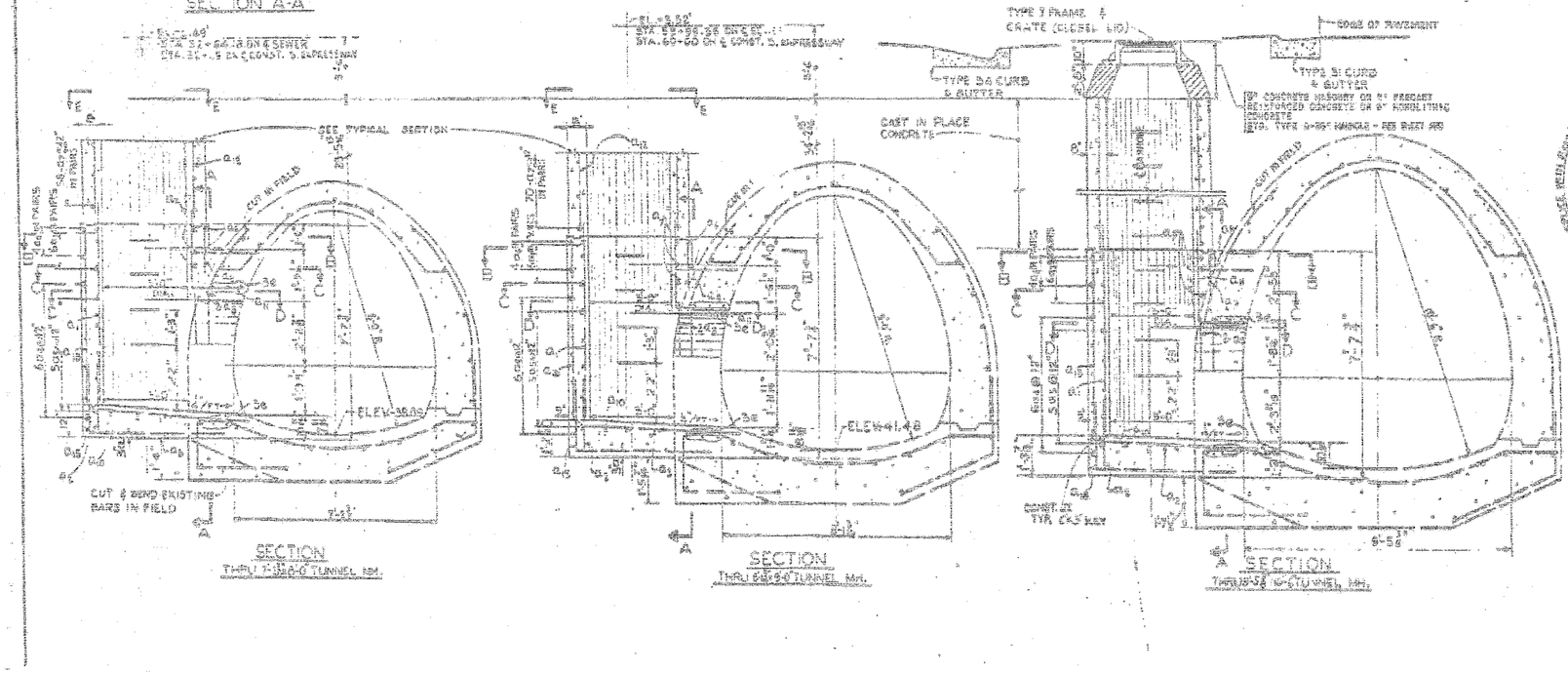


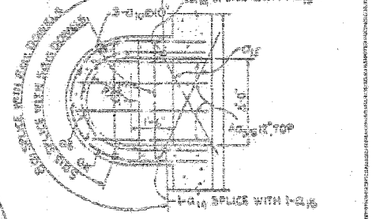


BILL OF BARS FOR MANHOLE

BAR SIZE	NO	SHAPE	LGTH	WT
a1	2		3'-0"	4
a2	4		2'-8"	7
a3	6		2'-8"	11
a4	5		2'-8"	14
a5	5		11'-3"	57
a6	5		2'-0"	21
a7	2		2'-6"	4
a8	3		2'-6"	6
a9	3		3'-0"	8
a10	4		5'-3"	21
a11	4		6'-11"	28
a12	4		4'-3"	17
a13	2		4'-3"	7
a14	2		7'-1"	11
a15	5		5'-3"	26
a16	6		5'-3"	32
a17	44		6'-11"	285
a18	4	10	20'-0"	137
WT. OF BARS M.H. STA. 22+64.18				660
VOL. OF CONC. M.H. STA. 22+64.18				11.6
a1	2	10	3'-0"	4
a13	2	10	5'-3"	7
WT. OF BARS M.H. STA. 96+88.38				660
VOL. OF CONC. M.H. STA. 89+69.28				11.6

NOTE: VOLUME OF CONCRETE FOR M.H. DOES NOT INCLUDE MAIN DRAIN.





NOTES:

MATERIALS: THAT PORTION OF THE MANHOLE PROVIDED FOR WHEELS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD TYPE A "SW" MANHOLE PLANS AND SPECIFICATIONS EXCEPT THE CONCRETE PORTION CLASS "P" CONCRETE SHALL BE USED THROUGHOUT.

METHOD OF CONSTRUCTION: SEE PLAN AND PROFILE SHEETS FOR LOCATION OF TYPE "D" MANHOLES AND CONNECTION TO MEMBERS OF NON-CIRCULAR TUNNEL SHELL. THIS WORK SHALL COMPLY WITH SECTIONS 30, 66 & 70 OF THE STANDARD SPECIFICATIONS. MINIMUM STEEL CLEARANCE SHALL BE 2".

BASIS OF PAYMENT: THE CONTRACT UNIT PRICE OF TYPE "D" MANHOLE SHALL INCLUDE ALL EXCAVATION AND BACKFILL, FURNISHING AND PLACING OF ALL MATERIALS REQUIRED INCLUDING THE STANDARD TYPE A "SW" MANHOLE, FRAME & GRATE AS SHOWN ON THE PLANS & THE NECESSARY CEMENT CONCRETE IN PLACE AS REQUIRED WHERE ROCK EXCAVATION IS ENCOUNTERED. IT WILL BE PAID FOR AT THE UNIT PRICE BID PER ROCK EXCAVATION STRUCTURE.

THE QUANTITIES SHOWN FOR CLASS A CONCRETE AND REINFORCEMENT BARS ARE FOR INFORMATION PURPOSES ONLY AND ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR MANHOLE, SPECIAL, TYPE D.

NOTE: BENDING DIMENSIONS OUT TO OUT OF BARS.

ILLINOIS DIVISION OF HIGHWAYS

SOUTH EXPRESSWAY

SPECIAL MANHOLE TYPE "C" MAIN DRAIN

SHEET JC-19 OF JC-22

FOR INFORMATION ONLY

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
NB EXPRESS LANE RECONSTRUCTION
JUNCTION CHAMBERS
EXISTING DROP MANHOLE PLANS

SCALE: NTS — DRAWN BY: BDC

DATE: 07/07/05 — CHECKED BY: BLU

6/24/2005 9:44:33 AM

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CONSULTING ENGINEERS
Chicago, Illinois
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