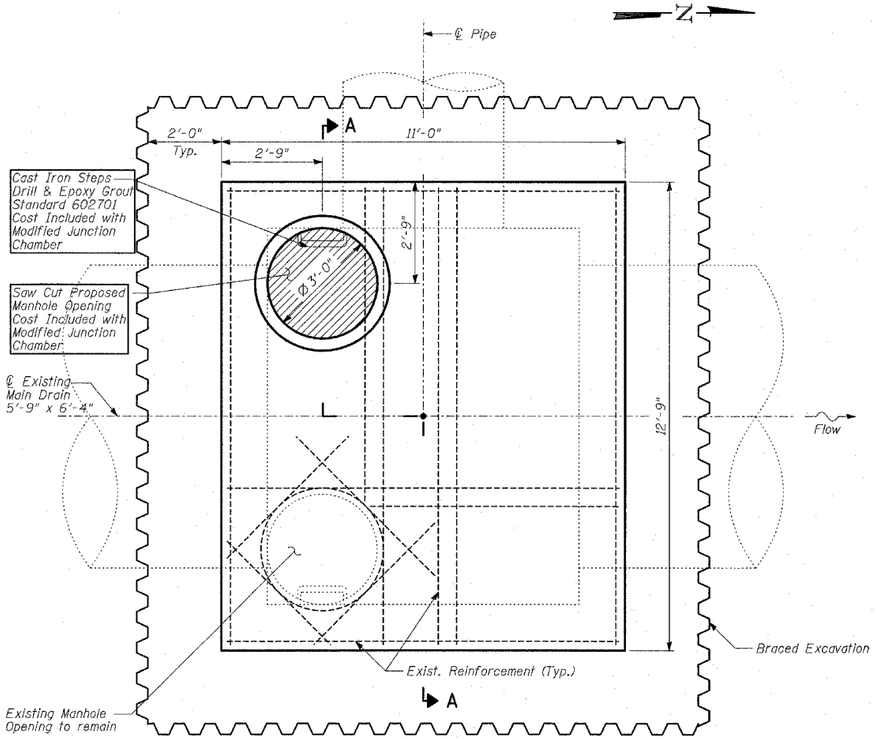
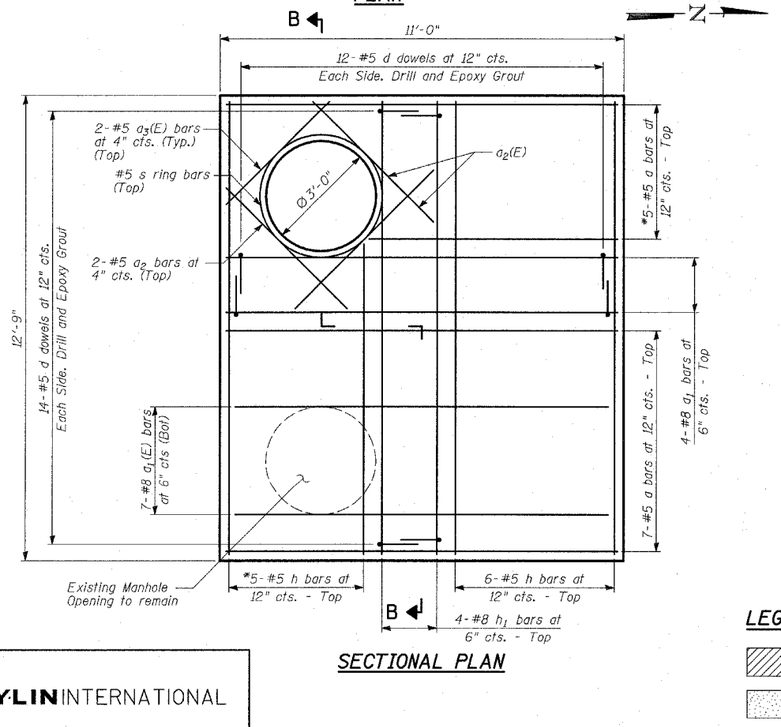
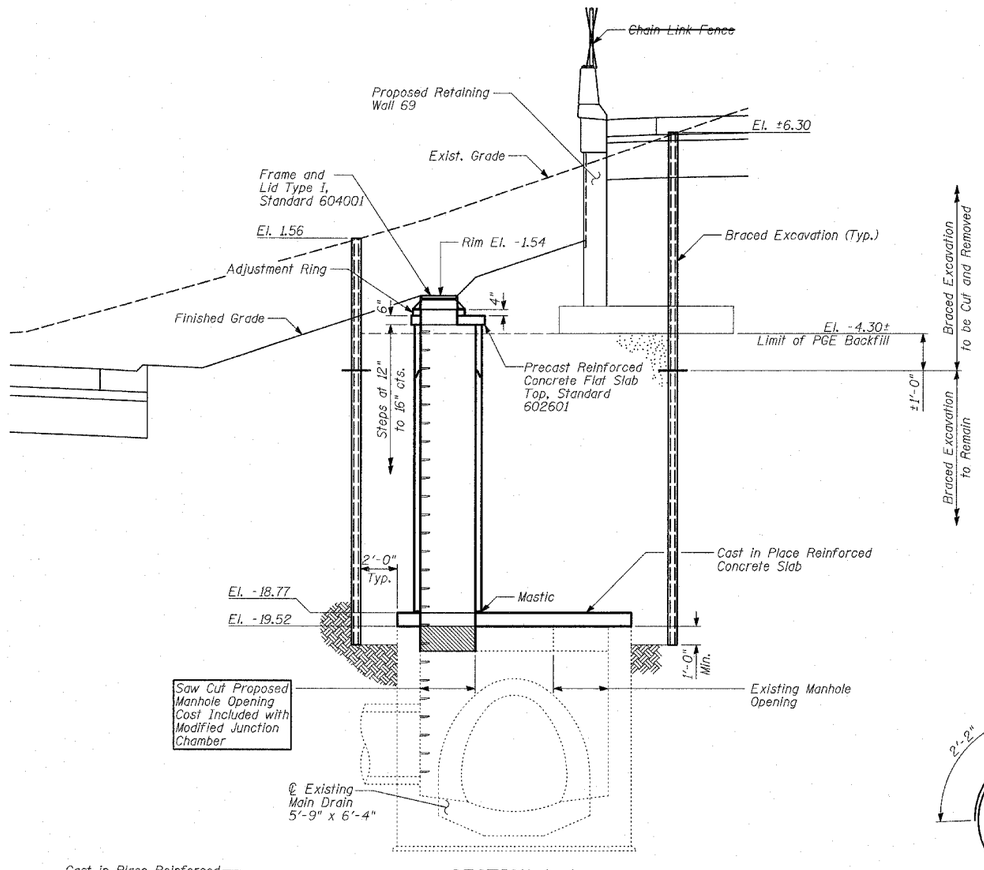
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	•	COOK	860	591
STA. 2200+00.00	TO STA. 2362+00.00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (1516.1, 1717 & 1818) R-8				62694



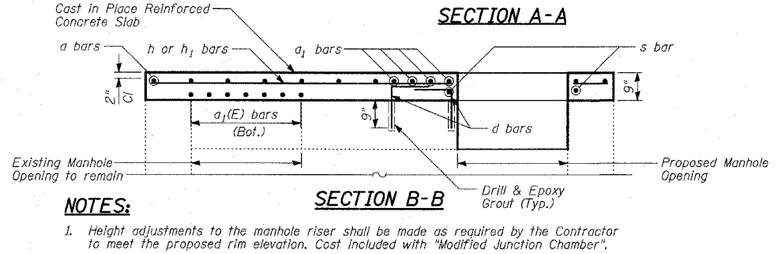
PLAN



SECTIONAL PLAN



SECTION A-A

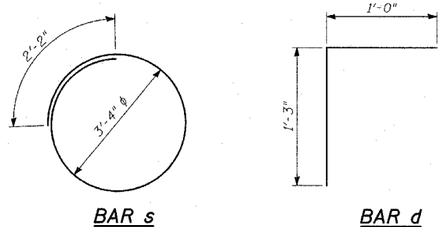


SECTION B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	12	#5	10'-8"	———
a_1	11	#8	10'-8"	———
a_2	6	#5	5'-4"	———
a_3	2	#5	4'-0"	———
d	52	#5	2'-3"	L
h	11	#5	12'-5"	———
h_1	4	#8	12'-5"	———
s	1	#5	12'-8"	○
Reinforcement Bars			POUND	780
Concrete Removal			CU YD	1
Concrete Structures			CU YD	4

See Note 8



BAR s

BAR d

NOTES:

1. Height adjustments to the manhole riser shall be made as required by the Contractor to meet the proposed rim elevation. Cost included with "Modified Junction Chamber".
2. All dimensions and elevations shall be field verified prior to construction.
3. Concrete cover for reinforcement steel to be 2" unless otherwise noted.
4. All concrete edges shall be chamfered 1 inch.
5. It is the Contractor's responsibility to locate existing junction chamber and utilities, especially the existing main drain. Any repairs due to damage of the junction chamber, sewers, or main drain shall be the Contractor's responsibility.
6. Fill material used in backfilling the Junction Chamber to attain the bottom of retaining wall footing elevation should be structural fill material, IDOT gradation CA-6. Fill material should be free of organic matter and debris. Fill should be placed in loose lifts not exceeding 8-inch thickness and compacted to minimum 95 percent maximum dry density, as determined in accordance with AASHTO T-99, Standard Proctor Method.
7. The design of the braced excavation is the responsibility of the Contractor. The Contractor shall submit drawings and design for the braced excavation to the Engineer for approval. The braced excavation design and drawings shall be signed and sealed by an Illinois Licensed Structural Engineer, submitted and approved prior to the start of any work. The Engineer's approval shall not relieve the Contractor from the sole responsibility of the structural integrity of the braced excavation system.
8. Quantities of Concrete Structures, Concrete Removal and Reinforcement Bars are shown only for constructibility and are included with "Modified Junction Chamber and will not be paid for separately.
9. Cut and Remove Braced Excavation interfering with Proposed Wall. 1'-0" below bottom of proposed footing.

* Cut bars to fit in field.

LEGEND

Concrete Removal

Porous Granular Embankment

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Modified Junction Chamber	EACH	1
Braced Excavation	CU YD	218
Porous Granular Embankment	CU YD	139

TYLIN INTERNATIONAL

SHEET 18 OF 31

REVISIONS NAME	DATE
REVISED	04/15/05

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94 (DAN RYAN EXPRESSWAY)
RETAINING WALL ALONG STATE ST.
ENTRANCE RAMP AT 79TH ST.
WALL 69 - EXISTING JUNCTION CHAMBER MODIFICATION

S.N. 016-W975 | DESIGNED BY: MI, DJR
SCALE: | DRAWN BY: DJR
DATE: MARCH 18, 2005 | CHECKED BY: TD

04/13/2005 03:09:57 PM c:\projects\structure\Wall 69\wall69ab04.dgn