

GENERAL NOTES

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.

All construction joints shall be bonded.

TOTAL BILL OF MATERIAL

ITEM	UNIT	QTY.
Bridge Approach Pavement	Sq. Yd.	430
Bituminous Surface Removal (Variable Depth)	Sq. Yd.	38
Approach Slab Removal	Sq. Yd.	164
Concrete Superstructure	Cu. Yd.	97.1
Structure Excavation	Cu. Yd.	.16
Bridge Deck Grooving	Sq. Yd.	153
Protective Coat	Sq. Yd.	263
Reinforcement Bars, Epoxy Coated	Pound	17,690
Bar Splicers	Each	110
Concrete Slab Hydro-Demolition	Sq. Yd.	<i>1</i> 65
Video Taping of MWRD Culvert	Foot	245
	-	



Date: July 13, 2006 Expires: November 30, 2006

- Culvert Location

Benchmark: BM No. 3540

"□" Cut on the Southwest corner of traffic co box at the Northeast corner of 39th and LaSal Streets. El. 12.33

Existing Structure: The existing structure was Section S-2323.2-4B and is identified as S.N. structure is a 12'-0" clear span by 14'-0" clea reinfored concrete box culvert. If conveys san under the Dan Ryan Expressway for the MWRDU culvert under the expressway is 325'-0" and th horizontally, vertically and in cross section to c circular brick sewer under the centerline of 39 slab of the culvert is the expressway pavement minimum of 1'-3" of reinforced concrete with a thick overlay (either concrete or bituminous). 20'-6" long approach slabs on each side of the of the traffic lanes. Barrier wall is attached the separates the express and local lanes of the expressway from the CTA tracks. The barrier shoulders outside the limits of the culvert. The rehabilitated utilizing stage construction. Portic all components of the culvert below grade shall

All elevations are based on the Chicago City Da

DESIGN SPECIFICATIONS

2002 AASHTO

LOADING HS20-44 & ALT. Allow 50#/sq. ft. for future wearing surface.

DESIGN STRESSES

<u>FIELD UNITS</u> New: f'c = 3,500 psi fy = 60,000 psi (Reinforcement) Existing: f'c = 3,500 psi fy = 40,000 psi (Reinforcement)

ABBREVIATIONS

MWRDGC = Metropolitan Water Reclamation or MWRD = District of Greater Chicago

CTA = Chicago Transit Authority

- EJ = Expansion Joint
- CJ = Construction Joint
- P.G.L. = Profile Grade Line
- NB = Northbound
- SB = Southbound

C.R.P.C.C = Continually Reinforced Portland Cement Concrete

APPROVED FOR STRUCTURAL ADEQUACY ONLY

Engineer of Bridges and STRUCTURES

	F.A.I.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	94/90		соок	565 426
	STA.	DAD DIST. NO. IL	TO STA. LINOIS FED. AID	PROJECT
	623		22 PT2 ETC 23	
ontrol Ile				
s built in 1962 under . 016-2625. The ar height double barrel nitary and storm water OC. The length of the culvert transitions connect to an existing 9th Street. The top t and consists of a an approximately 5" The centerline of the baselines. There are to the top slab and expressway and the r is supported by PCC to and the top slab and base culvert will be ions of the top slab and	<u>LEGEND</u>			
l be re-used.	€ _{CB-2} = s	oil Boring L	ocation	
atum (C.C.D.)	 <i>i</i> = E <i>i</i> = E <i>i</i> = F 	= Exi Prop. Catch Prop. Manhoi = Pro	le ist. Storm se ist. Underdra basin	in wer
S.N. 01	6-2625 Locatic	n7		
	ange 14E	3r W. 31st is so 34 to to to to	d P.M. St.	
	LOCATIO	ON SKET	<u>CH</u>	
REVISIONS NAME DATE REVISED 06/23/06 REVISED 07/13/06	ILLINOIS DE F.A.I. 94/90 GARFIELD BLVD MWRD CI COOK	EPARTMENT D (DAN R TO 31ST ST ULVERT, COUNTY,	TREET (NB LO N. OF 397 S.N. 016-	RESSWAY) CAL LANES)
		GENERAL		
	SCALE: N.T.S.	GENERAL	DRAWN	BY: DJM