

– Top of Existing Wall (Elev. varies) — Top of Existing Wall (Elev. varies) - Existing Wall Existing Wall removal line (Elev. varies — Existing Wall Existing Pile removal line (Elev. varies)

SECTION

• (1516.1, 1717 & 1818) R-9

TYPICAL CROSS-SECTION

STA. 1200+00.00

COUNTY COOK

TO STA, 1365+00

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

907 475

(Sta. 1220+22.59 to Sta. 1222+32.92 & Sta. 1229+83.25 to Sta. 1231+63.49) 2

- Any reinforcement bars that are damaged during concrete removal operations at the top of the existing walls shall be repaired or replaced using approved bar splicer or anchorage system. Cost included with "Removal of Existing Structures No. 1".
- 2. Sand blast clean existing reinforcing bars to be incorporated into new construction. After cleaning, bars shall be evaluated to determine if additional reinforcing bars are required. Damaged or cut bars, or bars that have lost 25% or more of their original cross sectional area shall be supplemented by new in-kind reinforcement bars, to the approval of the engineer. Cost included with Removal of Existing
- For parts of existing wall interfering with the new wall, remove the wall and cut-off existing piles 1 foot (maximum) below the bottom of proposed wall concrete facing.
- 4. All existing piles are 16" \$\phi\$ concrete piles.
- 5. During removal of the existing retaining wall and piles, soil disturbance shall be kept at a minimum, and coordinated and approved by the Engineer.
- 6. Backfill behind the proposed wall, within the limits of existing structure removal, shall be with Porous Granular Embankment. Cost included with "Removal of Existing Structures, No. 1"
- Cost of removal for both existing retaining walls is included with "Removal of Existing Structures, No. 1"

REMOVAL LIMITS

- Remove existing wall to elevations specified. Existing vertical reinforcement to remain and be incorporated into new parapet. Existing horizontal reinforcement to be removed.
- @ Remove existing wall and cut-off existing piles 1'-0" (max.) below the elevation of proposed concrete facing.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structure Excavation	CU YD	626
Removal of Existing Structures No. 1	EACH	1

ILLINOIS [REVISIONS
ILLINOIS I	DATE	NAME
F.A.I. 94		
RETAINING		
93		
REMO		
S.N. 016-W948		
SCALE: N.T.S.		
DATE: MARCH 25	04/15/05	REVISED

DEPARTMENT OF TRANSPORTATION (DAN RYAN EXPRESSWAY) WALL ALONG LAFAYETTE AVE. 3RD ST. TO 91ST ST. WALL 36

OVAL PLAN AND DETAILS DESIGNED BY: MI, DJR

DRAWN BY: DJR CHECKED BY: TD, MI