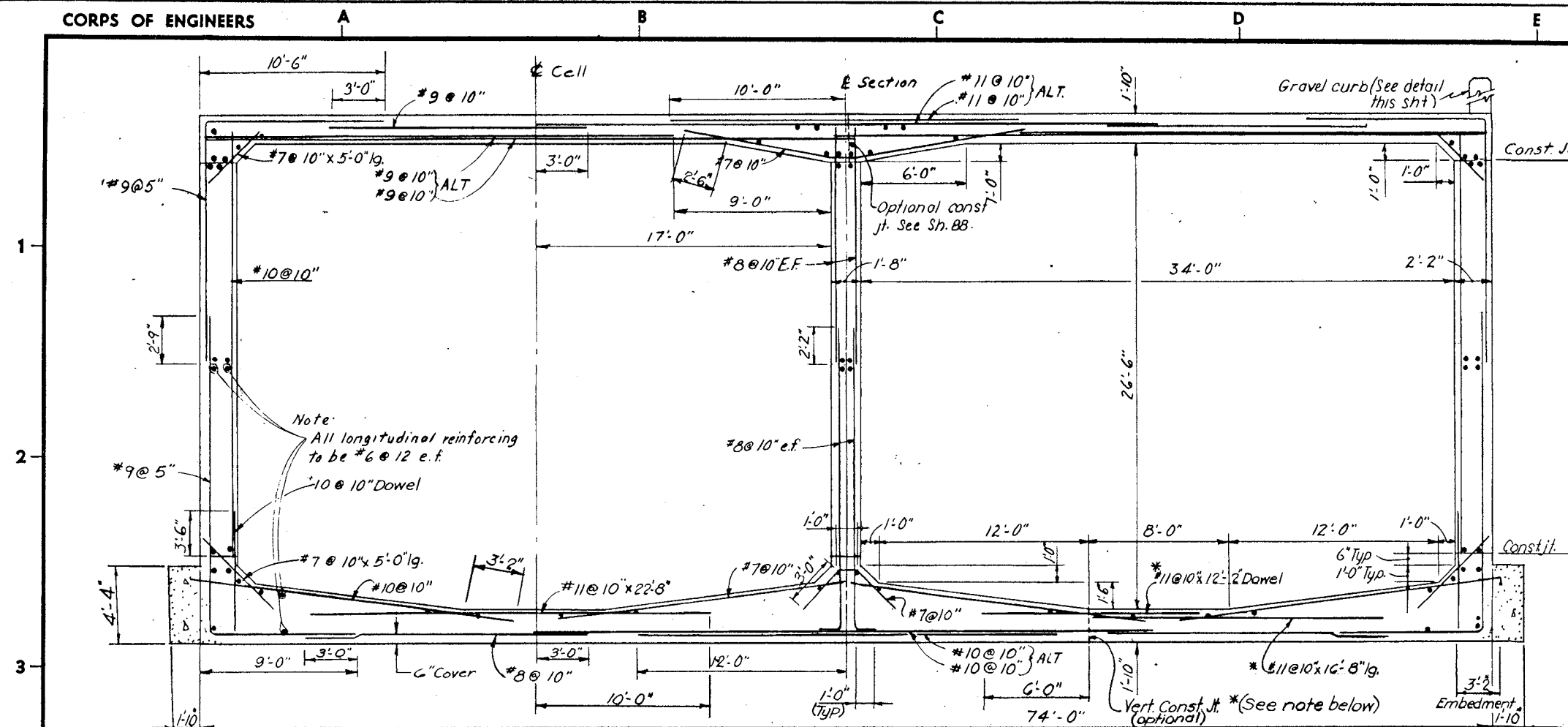
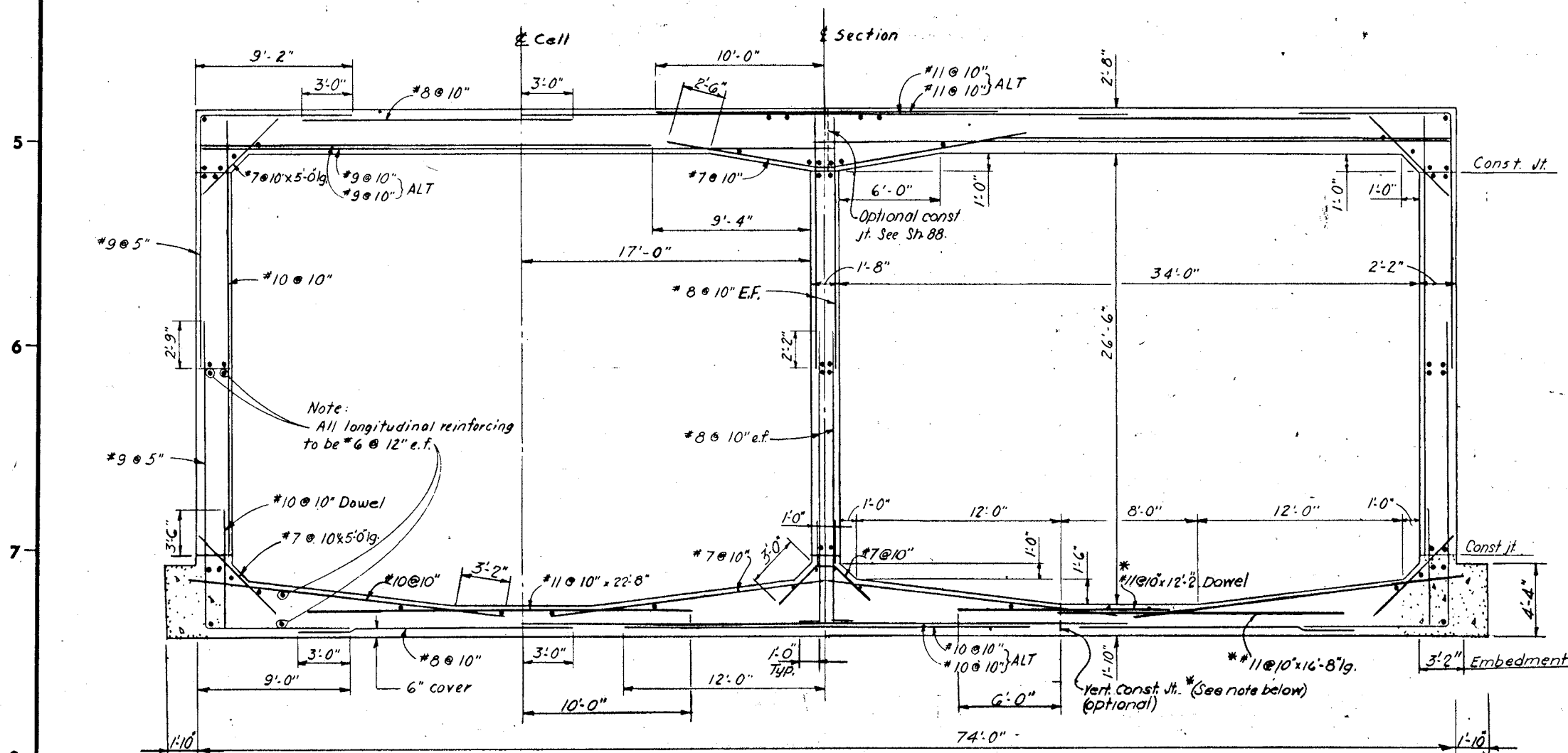




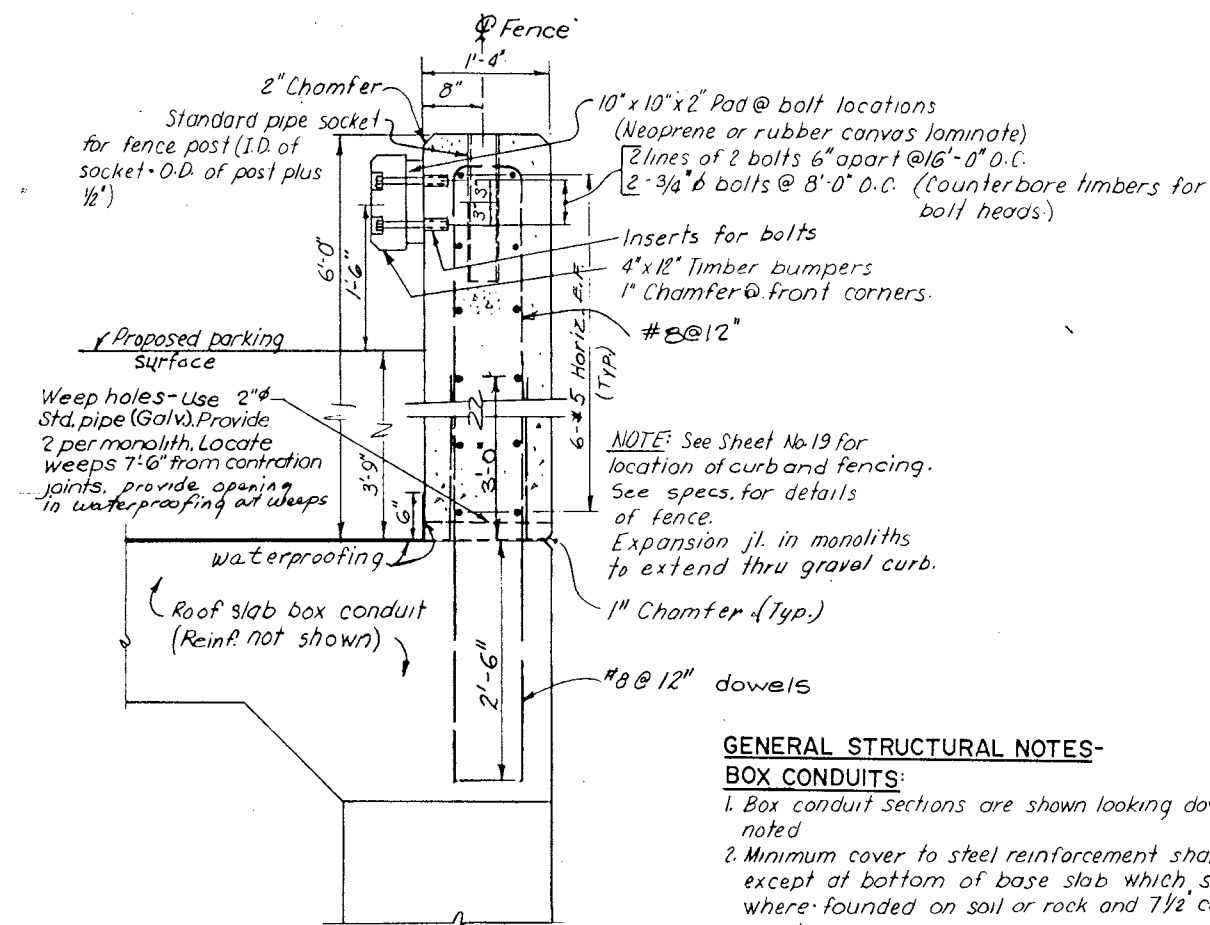
SECTION 2

MON. NO. 28 THRU 41
SCALE 1/4" = 1'-0"

SECTION 2

MON. NO. 1 THRU 27
SCALE 1/4" = 1'-0"

*NOTE:
If the vertical Const. Jt. in the base slab is not required, due to a modification of the diversion scheme, then the dowel and its lapped bar can be replaced by one bar.
Similar to Detail shown on Sh. 37

GRAVEL CURB DETAIL
SCALE 1" = 1'-0"

GENERAL STRUCTURAL NOTES-

BOX CONDUITS:

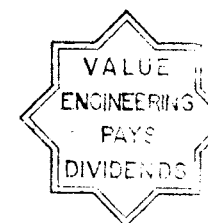
- Box conduit sections are shown looking down stream except as noted.
- Minimum cover to steel reinforcement shall be 4" at all surfaces except at bottom of base slab which shall have 6" cover where founded on soil or rock and 7 1/2" cover where founded on piles.
- All joints separating conduit monoliths are contraction joints, unless shown otherwise, for details see sheet 88.
- Deleted.
- For location of expansion jts. see conduit plan and profile sheets.
- Edge distance from $\bar{q}$ of bearing piles to face of concrete at exterior walls and at ends of monoliths to be 1'-7".
- Longitudinal spacing of piles will be determined by the contracting officer after completion of pile driving and load tests.
- For miscellaneous conduit details see Sheet No. 88.
- For reinforcement bar laps not dimensioned see table of lap splice lengths Sheet No. 48.

- All dimensions and reinforcement shown are symmetrical about $\bar{q}$.
- Placement of reinforcement at curved sections of conduits shall be as follows:

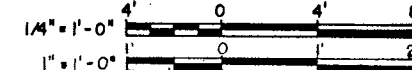
WALLS: Spacing of all vertical bars and corner bars shall be the same in each curved plane of reinforcement as noted on the typical section.

SLABS: Spacing of all transverse steel on curved centerline of each barrel of conduit shall be the same as noted on the typical section. Spacing of all transverse steel on curved centerline of structure (at center wall) shall be the same as noted on $\bar{q}$ of typical section. All transverse steel shall be placed radially. All longitudinal bars shall be placed on a circular curve. The radius of curvature to be determined by the location of the bar in the monolith.

- All unexposed exterior surfaces of roof slabs, where conduits pass under future parking areas (section 2) or street pavements, shall be waterproofed for a distance 10 ft. beyond the limits of such pavement or future pavements in accordance with the specifications. The waterproofing shall extend 5 ft. down from the top of conduit walls except at the gravel curb where it shall turn up 6 inches at the face of curb.



GRAPHIC SCALES



As Built Drawing

Contract No. DACW 33-76-G-0098

REVISION	DATE	DESCRIPTION	BY
4-4-83		Final field corrections	

DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION
CORPS OF ENGINEERS
WALTHAM, MASS.

WATER RESOURCES DEVELOPMENT PROJECT
PARK RIVER LOCAL PROTECTION
BOX CONDUIT AT SECTION 2
REINFORCEMENT DETAILS

DES. BY: DR. BY: CK. BY:
W.R. RDV/DVA WVE

SUBMITTED: *Carla M. Hogan*
CHIEF, STRUCT. SECTION

APPROVAL RECOMMENDED: *John A. Harte*
CHIEF, TECH. ENG. BRANCH

REVIEWED: *C. J. C. C.*
PROJECT ENGINEER

APPROVED: *John A. Harte*
CHIEF, PROJECT BRANCH

HARTFORD CONNECTICUT

DATE: MARCH 1976

SCALE AS SHOWN SPEC. NO. DACW 33-76-G-0040

DRAWING NUMBER
PAR - I

SHEET 21