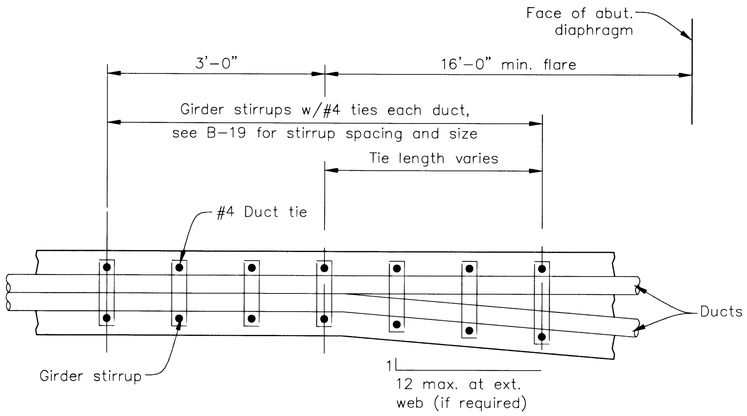
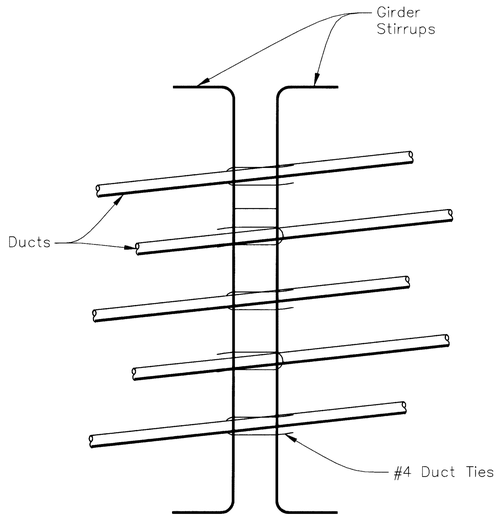
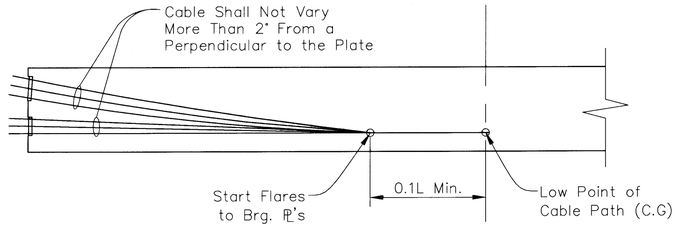


PLAN



ELEVATION



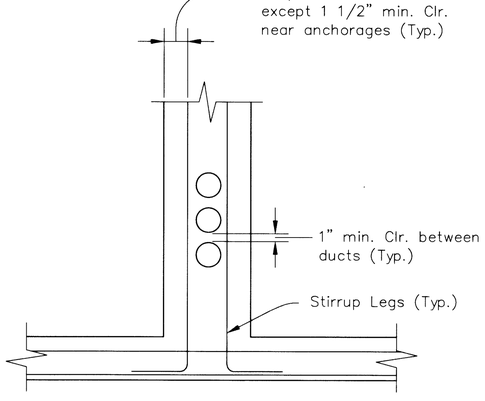
COMMON BEARING PLATE PRESTRESSING PATH (2)

Notes:

1. Place closed end of duct tie in direction of flare.
2. Approximate Quantities are calculated without any flare.
3. Exterior Girder flare shown, similar guidelines to be followed if flare is required for interior girders.

TYPICAL DETAIL OF DUCT AND WEB FLARE (IF REQUIRED) (1)

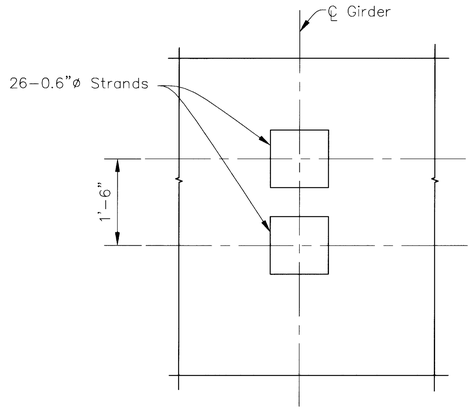
(Stirrup reinforcement at flare of girder web shown)



Note:

Approval of the Engineer is required for any deviations.

TYPICAL CLEARANCE REQUIREMENTS FOR DUCTS (3)



END ELEVATION

General Zone Notes:

1. The anchorage region has been designed assuming 2 tendons per web as shown in the end elevation. Other tendon configurations are acceptable but may require changes to the general zone reinforcing and concrete strength.
2. See Special Contract Requirements for anchorage device testing requirements and other specifications.
3. Anchorage tests shall meet the criteria specified for a moderately aggressive environment.

REVISIONS

NO.	DATE:	DESCRIPTION	APP'D

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION
CITY ENGINEER: JORGE CERVANTES, P.E.
PROGRAM MANAGER: MARK SORENSEN, P.E.
DESIGNED BY: MA
DRAWN BY: CG
CHECKED BY: CS
HDR Engineering, Inc.
HORIZONTAL SCALE: N/A
VERTICAL SCALE: N/A
DATE: 10/2007

TITLE: TENAYA WAY OVERPASS AT SUMMERLIN PKWY H-2858
SHEET: PRESTRESSING DETAILS

MANAS ASTHANA
Exp. 12-31-08
CIVIL
No.016952
STATE OF NEVADA
PROFESSIONAL ENGINEER
11-2007

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DRAWING NO. 107Y4452

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