

Reinforcing Steel Near Front Pedestal

Reinforcing Steel Near Top Pedestal

Reinforcing Steel Near Top Footing

Half-Plan
Reinforcing Steel in Back Wall

Longitudinal Elevation

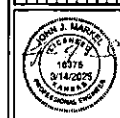
BENDING DIAGRAMS

(All dimensions are out to out of bars.)

● See Bending Diagrams

[illegible]

Reinforcing Steel (Grade 60)	1375	Lbs.
Foundation Stabilization (6")	3	Cu. Yds
Class III Excavation	56	Cu. Yds

[illegible]

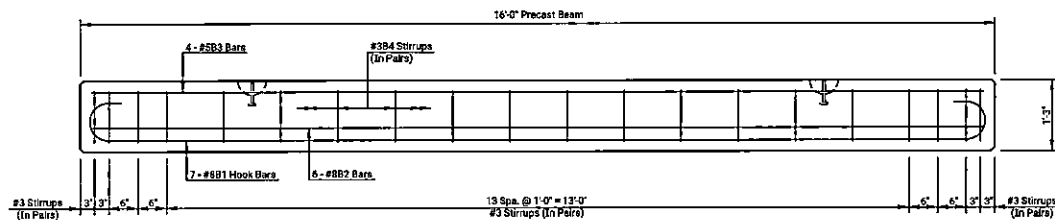
STEVENS COUNTY LANDFILL

ABUTMENT DETAILS

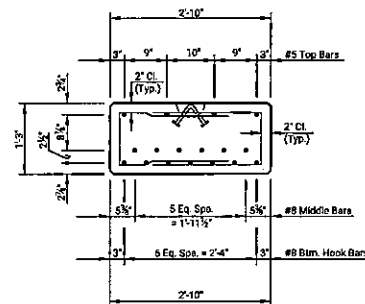

**KIRKHAM
MICHAEL**

7th in Oregon. The Seattle Times says it

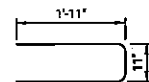
DESIGNED BY:	JLM
DRAWN BY:	ESW
APP'D BY:	JLM
SCALE:	1"=1'-0"
DATE:	1/4/2025
JOB NO.	FSR 2507910
ROAD NO.	
SHEET NO.:	S2 OF S6



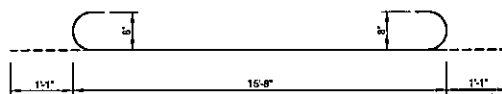
TYPICAL ELEVATION PRECAST BEAM
(7 Beams Required)



TYPICAL BEAM SECTION



#3 Stirrups (in Pairs)



#8 Hook Bars

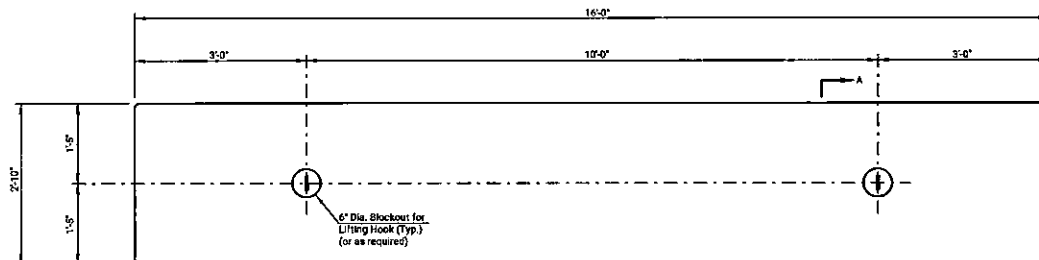
BENDING DIAGRAMS
(All dimensions are out to out of bars.)

BILL OF REINFORCING STEEL Non-Epoxy Coated - Grade 60 One Beam Listed (7 Beams Required Per Bridge)					
Straight Bars			Bent Bars		
Mark	Size	Number	Length	Mark	Size
B2	#8	6	15'-6"	B1	#8
					7
B3	#5	4	15'-8"	B4	#3
					40
					4'-9"

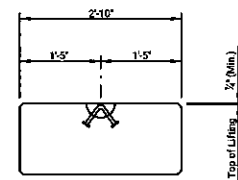
BILL OF MATERIAL - ONE PRECAST BEAM BRIDGE (For Information Only)		
Item	Quantity	Unit
Precast Concrete Beams (7 Beams @ 16'-0")	112.0	Lin. Ft.
Precast Beam Concrete (f'c = 6,000 psi) (7 Beams @ 16'-0")	14.7	Cu. Yds.
Approximate Wt. per 16'-0" Beam	4.25	Tons
Reinforcing Steel (Grade 60) (7 Beams)	5,050	Lbs.
Lifting Devices	14	Each
Elastomeric Bearing Pads (1/2" x 12" x 20'-0")	2	Each
Expansion Joint Material (Type B) (1" x 15')	44	Lin. Ft.

NOTE: The Lifting Hook shall have a minimum 4:1 SWL at 90° Tension of 7,000 pounds.
The Lifting Hook shall have a minimum 4:1 SWL at 90° Shear of 15,000 pounds.
The Lifting Hook shall be Hot-Dipped Galvanized.

ADP Supply Part Number LUAS46 meets the above requirements and is approved for this project. Install in accordance with the manufacturer's recommendations.
An approved equal is allowed.



TYPICAL LIFTING HOOK DETAILS
(Reinforcing Not Shown For Clarity)

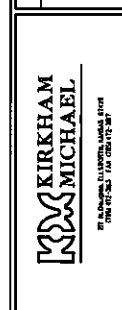


SECTION A-A
(Reinforcing Not Shown For Clarity)

REV	DATE	BY	DESCRIPTION



STEVENS COUNTY LANDFILL
PRECAST BEAM DETAILS



DESIGNED BY:	JAM
CHECKED BY:	JAM
APPROVED BY:	JAM
SCALE:	1/2" = 1'
DATE:	5/14/2025
PROJECT NO.:	184 8102810
ACAD NO.:	
SHEET NO.:	54 OF 56