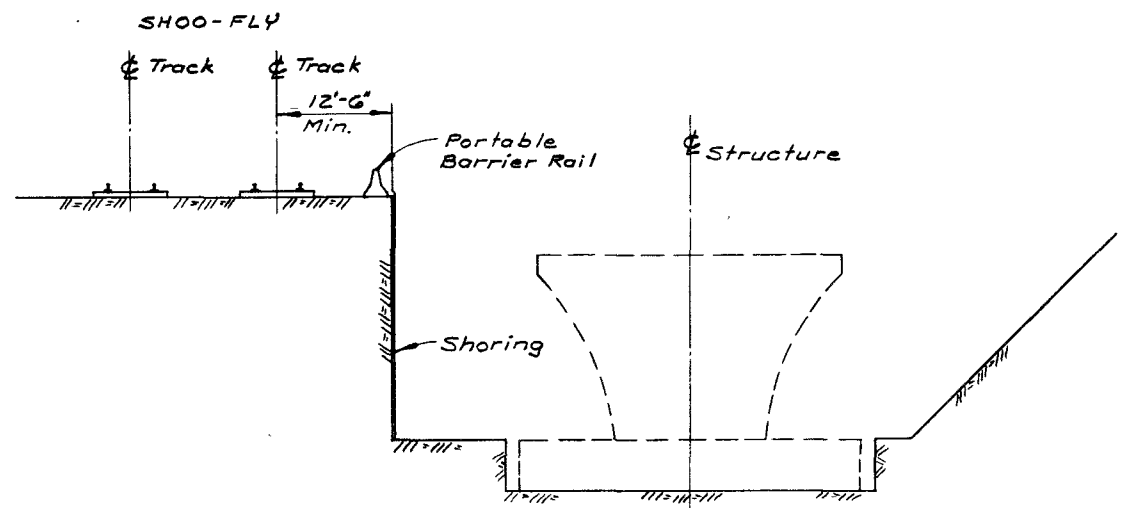


GEOMETRICS

—GENERAL NOTES—

- DESIGN SPECIFICATIONS: AMERICAN RAILWAY ENGINEERING ASSOCIATION MANUAL, 1976.
- CONSTRUCTION SPECIFICATIONS: STATE OF NEVADA DEPARTMENT OF HIGHWAYS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1976," EXCEPT AS NOTED BELOW, AND IN THE SPECIAL PROVISIONS FOR THIS CONTRACT.
- LIVE LOAD: COOPER E 80 WITH IMPACT FOR DIESEL LOCOMOTIVES.
- CONCRETE: ALL CONCRETE SHALL BE CLASS A MODIFIED MAJOR, ULTIMATE COMPRESSIVE STRENGTH, $f_c = 4,000$ PSI AT 28 DAYS, UNLESS OTHERWISE NOTED.
- REINFORCING STEEL: ALL REINFORCING STEEL TO BE ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO CENTER OF BAR UNLESS OTHERWISE NOTED. BENDING DIMENSIONS ARE FROM OUT TO OUT OF BARS. BAR SIZES THREE (3) TO NINE (9) ARE INDICATED BY THE FIRST NUMBER IN THE MARK, TEN (10) OR LARGER BY THE FIRST TWO NUMBERS.
- STRUCTURAL STEEL: ALL STRUCTURAL STEEL MEMBERS TO BE ASTM A588 STEEL UNLESS OTHERWISE NOTED.
- CAMBER: THE CAMBER SHALL BE AS SHOWN ON THE PLANS.
- PILING: ALL PILING TO BE CAST-IN-PLACE CONCRETE PILES. MINIMUM BEARING VALUE: 45 TONS. PILE LOAD TESTS SHALL BE CONDUCTED AT BOTH ABUTMENTS AND AT THE PIER.
- PEDESTRIAN RAILING: PEDESTRIAN RAILING TO BE PEDESTRIAN RAIL TYPE V, MODIFIED.
- FINE SURFACE FINISH: ALL EXPOSED CONCRETE SURFACES, EXCEPT THE TOP OF THE SIDEWALK AND EXPOSED AGGREGATE SURFACES, SHALL BE FINE SURFACE FINISHED. ALL SURFACES REQUIRING A FINE SURFACE FINISH SHALL BE FINISHED TO A POINT 1'-0" BELOW THE FINISH GROUND LINE. THE COLOR OF THE FINE SURFACE FINISH SHALL CONFORM TO FEDERAL COLOR NO. 37875 AS SHOWN IN TABLE IX OF THE FEDERAL STANDARD NO. 595a PAMPHLET.
- CONSTRUCTION TYPE CODE: X631.



REQUIRED SHOO-FLY PROTECTION DURING EXCAVATION

—QUANTITIES—

ITEM	UNIT	QUANTITY
STRUCTURE EXCAVATION	C. Y.	945
GRANULAR BACKFILL	C. Y.	650
DRAIN BACKFILL	C. Y.	37
COMPRESSION JOINT SEAL	L. F.	74
CLASS A CONCRETE, MODIFIED (MAJOR)	C. Y.	510
REINFORCING STEEL	LB.	93,123
MESH REINFORCING	S. Y.	564
STRUCTURAL STEEL	L. S.	1
PEDESTRIAN RAIL, TYPE V (MODIFIED)	L. F.	363
FURNISH STEEL SHELLS FOR PILES	L. F.	8,839
DRIVE STEEL SHELLS FOR PILES	EA.	128
SPLICES	EA.	128
QUICK LOAD TEST	EA.	3
8-INCH DOWNDRAIN PIPE	L. F.	34
CLASS A CONCRETE SLOPE PAVEMENT	C. Y.	47
MEMBRANE WATERPROOFING (BUTYL RUBBER)	S. Y.	555

STATE OF NEVADA
DEPARTMENT OF HIGHWAYS
FAU 578-CL 0.14
GEOMETRICS AND
GENERAL NOTES

107 V3711
(G-1482)

DESIGN: Gordon, Burns, Gordon
 DRAWING: Burns, Gordon
 TRACING: Gordon

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