

Plan view of the bridge structure showing dimensions and labels:

- Dimensions:**
 - Overall length: $23'-7\frac{1}{2}"$
 - Left section width: $7'-2"$
 - Right section width: $7'-7\frac{1}{2}"$
 - Left section length: $2'-0"$
 - Right section length: $2'-0"$
 - Left section width (bottom): $13'-6"$
 - Right section width (bottom): $13'-11"$
 - Left section width (bottom): $7'-3\frac{1}{8}"$
 - Right section width (bottom): $7'-9\frac{1}{2}"$
 - Overall width (bottom): $11'-11\frac{1}{2}"$
 - Vertical offset: $2'-9"$
 - Vertical offset: $6\frac{5}{8}"$
- Labels:**
 - ☉ Drilled Shaft
 - ☉ W.B. Roadway & PGL
 - Sta. 265+30.60
 - ☉ Drilled Shaft
 - ☉ Pier 3
 - Temporary Soil Retention System
- Other features:**
 - North arrow pointing towards the top-left.
 - 30° Stew angle.
 - Section cut symbols: Γ C and A-A.

Plan view of Pier 6 showing dimensions and layout. The pier is rectangular with a circular pile cap. Key dimensions and features include:

- Overall width: 27'-5"
- Distance from centerline to drilled shaft: 24'-2"
- Distance from centerline to pile cap: 7'-8"
- Distance from centerline to pile cap edge: 2'-6"
- Distance from pile cap edge to pier edge: 2'-0"
- Distance from pier edge to pile cap edge: 2'-0"
- Overall height: 10'-6"
- Distance from pier edge to pile cap edge: 21'-7"
- Centerline of E.B. Roadway & PGL
- Centerline of Pier 6
- Station: Sta. 265+82.86
- 30° Skew
- Drilled Shaft
- Pier 6
- Pile Cap

ϕ Pier 3
 ϕ Track 1A
 8'-3" min.
 1'-3"
 2'-0"
 Temporary Soil Retention System
 Elev. 563.05
 Estimated Ground Surface
 4'-0" Retained Height
 Elev. 559.05
 Estimated Depth of Excavation
 1:1

27'-5"

Temporary Soil Retention System

13'-6"

13'-11"

Elev. 563.05
Estimated Ground Surface
& Top of Soil
Retention System

Exposed Surface Area

Limits of Excavation

Elev. 559.05
Estimated
Depth of
Excavation

4'-0"
Retained
Height

Pier 3

Bend Line

Elev. 554.0
Estimated
Top of Rock

Drilled Shaft

10'-6"

Temporary Soil Retention System

Elev. 563.50
Estimated Ground Surface
& Top of Soil
Retention System

Elev. 559.50
Estimated
Depth of
Excavation

Elev. 555.50
Estimated
Top of Rock

4'-0"

4'-0"

Bend Line

SHEET NO. 69 77 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	280	81-1(VB-1)R	ROCK ISLAND	503	405
			CONTRACT NO. 64815		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					

TEMPORARY SOIL RETENTION SYSTEM
STRUCTURE NO. 081-0024 (W.B.)
STRUCTURE NO. 081-0025 (E.B.)