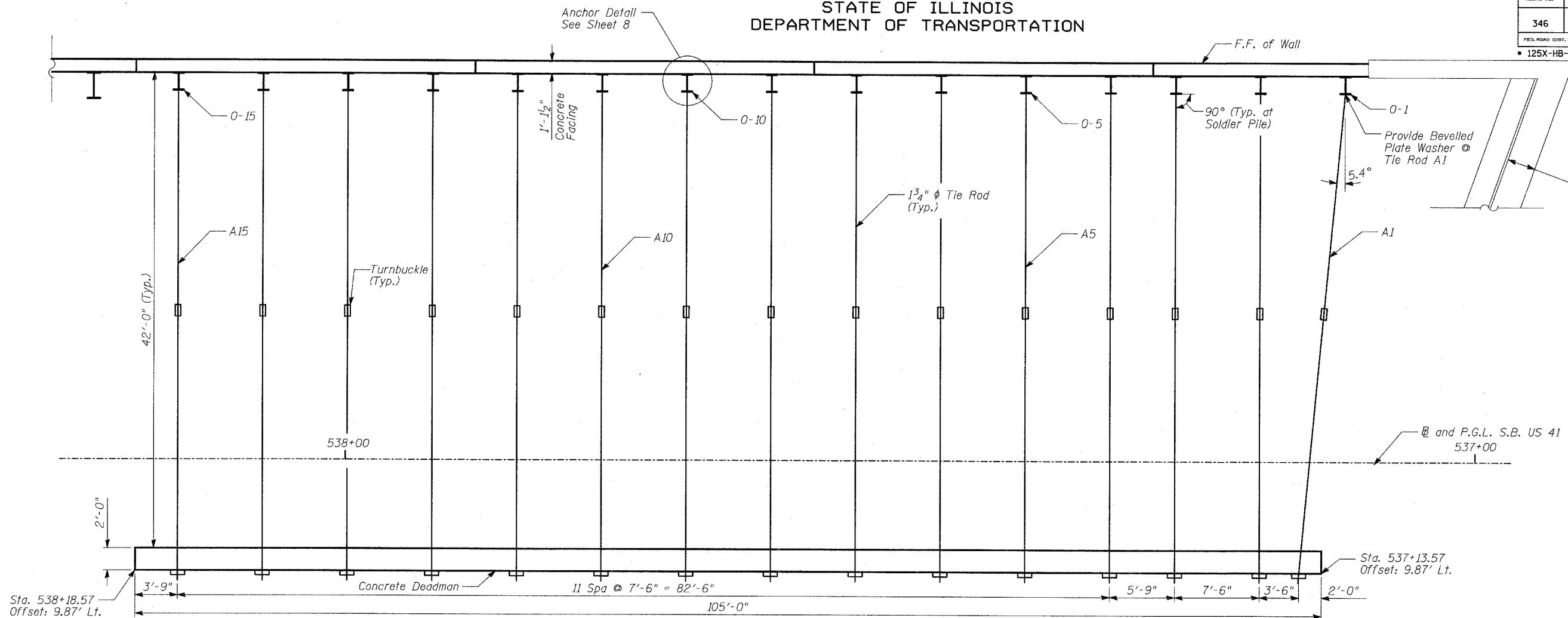


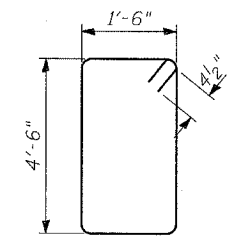
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	*	LAKE	469	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
125X-HB-(1&2) R-1		CONTRACT # 60826		



**ANCHOR TIE ROD**

Anchor Tie Rod	Elevation
A1	694.3
A2	694.1
A3	693.9
A4	693.8
A5	693.6
A6	693.4
A7	693.2
A8	693.0
A9	692.9
A10	692.7
A11	692.5
A12	692.4
A13	692.2
A14	692.0
A15	691.8



**BAR S400 (E)**

**DEADMAN BAR LIST AND BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h403 (E)	30	#5	36'-4"	—
S400 (E)	70	#4	12'-9"	□
Reinforcement Bars, Epoxy Coated			POUND	1,740
Concrete Structures			CU YD	39
Furnishing and Erecting Structural Steel			POUND	7,780
Structure Excavation			CU YD	141

**PLAN**

**ELEVATION - SOLDIER PILES**  
(Looking West)

**ELEVATION - CONCRETE DEADMAN**  
(Looking West)

**LAP SPLICES**

Bar	Lap
#4	1'-8"
#5	2'-2"
#6	2'-7"
#8	4'-6"

TYLIN INTERNATIONAL

DESIGNED	- MB
CHECKED	- AD
DRAWN	- CM
CHECKED	- AD

**WALL 0**  
**TIE BACK AND DEADMAN DETAILS**  
FAP 346 (U.S. ROUTE 41 - SKOKIE HIGHWAY) OVER ILLINOIS ROUTE 132  
SECTION 125X-HB-(1&2)R-1  
LAKE COUNTY  
S.N. 049-W036