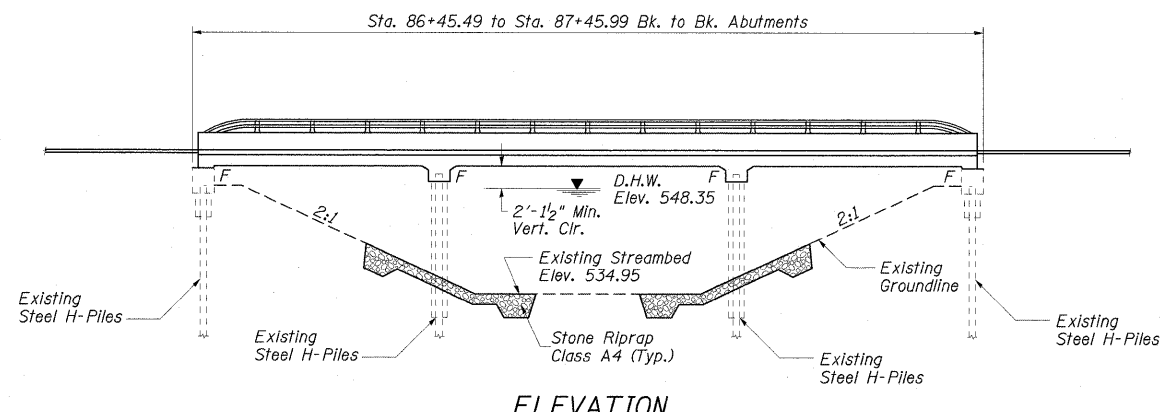


Bench Mark "A":
RR spike 2nd pole west of Bruns Lane on North side of
Washington St. Elev. 554.25

Bench Mark "B":
RR spike 1st pole west of bridge abutment on North side of
Washington St. Elev. 551.97

Existing Structure:
S.N. 084-6001 built in 1977 as FAS 7977, Sec. 101-2 212-1CS
at Sta. 86+97.00 as a 3-span continuous RC slab bridge 100'-6"
Bk. to Bk. of abutments. Open pile bent piers and integral
abutments. Concrete slab to be removed and replaced utilizing
staged construction.

Salvage existing piers and abutments



ELEVATION

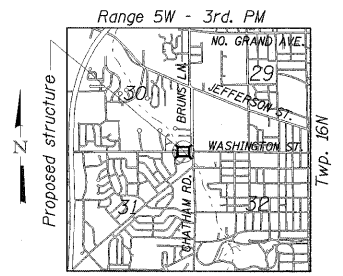
STATION
RE-BUILT 200 BY
CITY OF SPRINGFIELD
SEC. 05-00443-00-BR
LOADING HS20
STR. NO. 084-6001

NAME PLATE
See Std. 515001

Existing Name Plate shall be cleaned
and relocated next to new Name Plate.
Cost included with Name Plates.

INDEX OF SHEETS

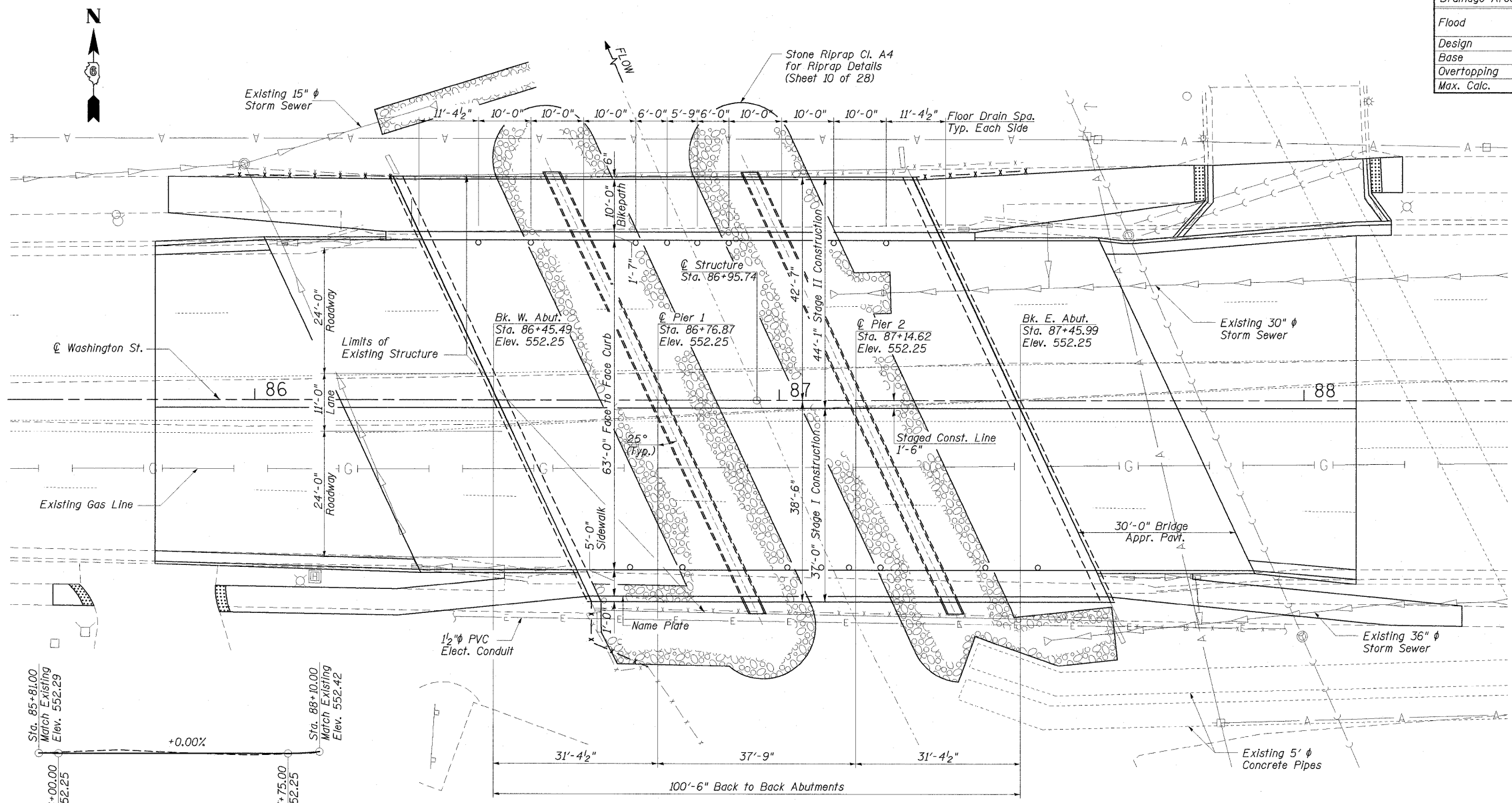
SHEET NO.	TITLE
1.	General Plan and Elevation
2.	Notes and Bill of Material
3.	Stage Construction Details/ Deck Elevations
4.	Temporary Concrete Barrier
5.	West Approach Slab Elevations
6.	East Approach Slab Elevations
7.	Superstructure
8.	Bridge Approach Slab Details 1
9.	Bridge Approach Slab Details 2
10.	Parapet Details 1
11.	Parapet Details 2
12.	Aluminum Railing, Type L Details
13.	Bicycle Railing Details
14.	East & West Abutment
15.	Pier 1 & 2
16.	Bar Splicer Assembly Details



LOCATION SKETCH

WATERWAY INFORMATION TABLE

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Head - Ft.		Headwater El.		
			Exist.	Prop.	Exist.	Prop.	Exist.	Prop.	
Design	30	2182.80	596.02	596.02	548.35	0.06	0.06	548.41	548.41
Base	100	2976.52	661.44	661.44	549.14	0.09	0.09	549.23	549.23
Overtopping	Greater Than 500 Year								
Max. Calc.	500	4073.73	721.68	721.68	550.49	0.37	0.37	550.86	550.86



PROFILE

PLAN

CONSTRUCTION PERMITS

This project has been approved for construction
under Statewide Permit No. 12, issued by the
Department of Natural Resources/Office of
Water Resources.

DESIGN SPECIFICATIONS

2007 AASHTO LRFD w/2008 Interims

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Bedrock Acceleration Coefficient (A) = 0.04g
Site Coefficient (S) = 1.5

LOADING HL-93

Allow 50 psf for future wearing surface.

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (reinforcement)

**CURRENT RATINGS ON FILE
FOR EXISTING STRUCTURE**

Inventory: HS 15.0
Operating: HS 20.5
Live Load Restrictions: None

Note:

Inventory and Operating Ratings and Live Load Restrictions
are provided for information only. Inventory and Operating
Ratings are based on HS loading and configuration. Live
Load Restrictions are based on Illinois legal loads and
configurations. The Ratings and Live Load Restrictions
are not necessarily representative of capacities to support
the Contractor's equipment.

I certify that to the best of my knowledge, information and belief,
that this bridge design is structurally adequate for the design loading
shown on the plans. The design is an economical one for the style
of structure and complies with requirements of the current
"AASHTO LRFD Bridge Design Specifications."

William L. Bailey, Jr.
William L. Bailey, Jr.
Illinois Licensed Structural Engineer
License Number: 081-005087
Expiration Date: 11-30-2010



FILE NAME = ... \PROP STRUCT PLANS\GP&E.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -	CITY OF SPRINGFIELD SPRINGFIELD, ILLINOIS	GENERAL PLAN AND ELEVATION STATION 86+95.74 S.N. 084-6001 (E) WASHINGTON STREET OVER JACKSONVILLE BRANCH	F.A.U. RTE. 7977	SECTION 05-00443-00-BR	COUNTY SANGAMON	TOTAL SHEETS 28	SHEET NO. 12		
PLOT SCALE = 12,0000 "/ IN.	CHECKED - WLB	DRAWN - GLD	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
PLOT DATE = 3/18/2009	DATE = 03/10/2009	CHECKED - WLB	REVISED -			CONTRACT NO. 03485						
* CITY OF SPRINGFIELD												