F.A.U. RTE.	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	1
FED. ROAD DIST. NO. 6	ILLINOIS	CONTRACT NO. 93485		

*CITY OF SPRINGFIELD

INDEX OF SHEETS

1	COVER SHEET
2	SUMMARY OF QUANTITIES
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4	TYPICAL SECTIONS (ROADWAY)
5	PLAN AND PROFILE
6-9	MAINTENANCE OF TRAFFIC - STAGE CONSTRUCTION
10	DRAINAGE PLAN
11	PAVEMENT MARKING AND JOINTING PLAN
12-27	STRUCTURAL DRAWINGS
28	ROADWAY CROSS SECTIONS

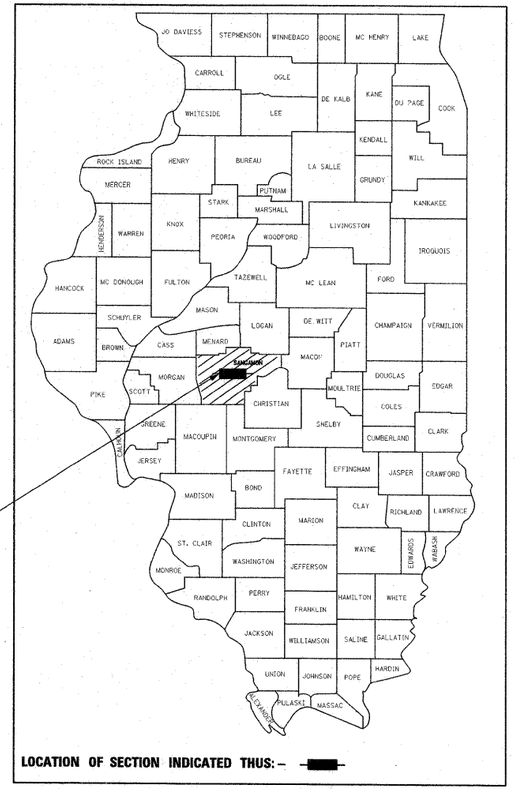
IDOT STANDARDS

000001-05	604001-03
001001-02	604011-04
280001-04	606001-04
420001-07	664001-02
420401-07	701306-02
421001-02	701321-10
424001-05	701606-06
515001-03	701801-04
542301-02	701901-01
602301-02	704001-05
602306-02	780001-02
602401-02	781001-03
602601-02	886001-01
602701-02	886006-01

STATE OF ILLINOIS
CITY OF SPRINGFIELD

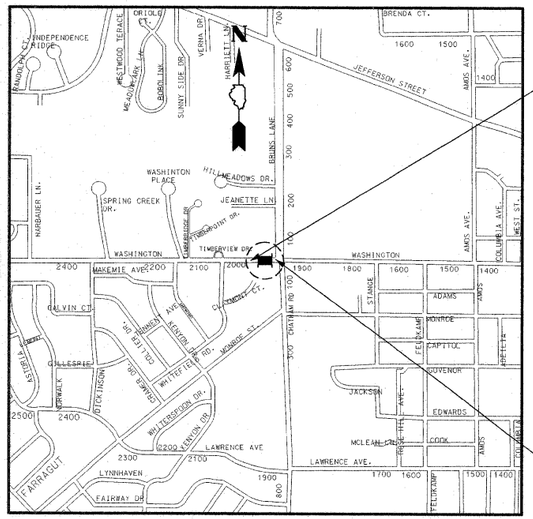
PLANS FOR PROPOSED IMPROVEMENT FOR

HIGHWAY BRIDGE PROGRAM
SECTION: 05-00443-00-BR
PROJECT NO.: BHM-5146(075)
JOB NO.: C-96-233-09
WASHINGTON STREET BRIDGE REHABILITATION
SANGAMON COUNTY



LOCATION OF SECTION INDICATED THUS: –■–

PROJECT LOCATION



LOCATION MAP

500′ 0 500′ 1000′
SCALE: 1″ = 500′

BEGIN ROADWAY IMPROVEMENTS STA. 85+81.00–WASHINGTON STREET

END ROADWAY IMPROVEMENTS STA. 88+10.00–WASHINGTON STREET

REMOVAL AND REPLACEMENT OF BRIDGE DECK S.N. 084-6001. 100′-6″ BK. TO BK. ABUTMENTS, ALONG WITH NECESSARY APPROACH ROADWAY WORK.

SALVAGE EXISTING PIERS AND ABUTMENTS

STANDARD SYMBOLS

EXISTING MANHOLE	EXISTING SANITARY SEWER
EXISTING INLET	EXISTING STORM SEWER
FIRE HYDRANT	PROPOSED STORM SEWER
UTILITY POLE	EXISTING OVERHEAD LINES
STREET LIGHT	EXISTING GAS MAIN
EXISTING SIGNAL CONTROLLER	EXISTING WATER MAIN
TREE	EXISTING TELEPHONE CABLE
PROPOSED MANHOLE	
PROPOSED INLET	
(A) VALVE BOX TO BE ADJUSTED	

20′ 0 20′ 40′ HORIZONTAL SCALE: 1″ = 20′ — ROADWAY PLAN PAVEMENT MARKING & JOINTING PLAN

10′ 0 10′ 20′ HORIZONTAL SCALE: 1″ = 10′ — DRAINAGE PLAN X-SECTIONS

5′ 0 5′ 10′ VERTICAL SCALE: 1″ = 5′ — PROFILE

5′ 0 5′ 10′ VERTICAL SCALE: 1″ = 5′ — X-SECTIONS

30′ 0 30′ 60′ HORIZONTAL SCALE: 1″ = 30′ — M.O.T. PLAN

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

UTILITIES

CITY WATER, LIGHT AND POWER - WATER DEPT.
401 N. 11 th STREET
SPRINGFIELD, IL. 62702
ATTENTION: STEVE STEWART 789-2022

CITY WATER, LIGHT AND POWER - ELECTRIC DEPT.
1008 EAST MILLER
SPRINGFIELD, IL. 62702
ATTENTION: LARRY MINCH 757-8520 x 2159

A.T.&T.
529 S. SEVENTH STREET
FLOOR 3B
SPRINGFIELD, IL. 62703
ATTENTION: TERESA MAYER 789-8666

INSIGHT COMMUNICATIONS
711 SOUTH DIRKSEN PARKWAY
SPRINGFIELD, IL. 62703
ATTENTION: ROB DAVIS 788-5898 x 636

SPRINGFIELD SANITARY DISTRICT
3017 N. 8th STREET
SPRINGFIELD, IL. 62707
ATTENTION: GREGG HUMPHREY 528-0491

CILCO
825 NORTH MACARTHUR
SPRINGFIELD, IL. 62702
ATTENTION: RICK COMBS 753-5187 (GAS)

CITY OF SPRINGFIELD- PUBLIC WORKS
7TH & MONROE STREETS
ROOM 201 MUNICIPAL CENTER WEST
SPRINGFIELD, IL 62701
ATTENTION: TIM SHEEHAN 789-2260

CALL J.U.L.I.E. PRIOR TO ANY CONSTRUCTION OR EXCAVATION
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

WASHINGTON STREET
DESIGN DESIGNATION: MINOR ARTERIAL (URBAN) TWS-2; (DESIGN YEAR ADT 23220) DHV 2320
DESIGN SPEED = 40 MPH
LENGTH OF IMPROVEMENT = 229.00 FEET = 0.043 MILES

CMT
CRAWFORD, MURPHY & TILLY, INC.
CONSULTING ENGINEERS

SIGNATURE: _____
DATE SIGNED: 03/04/2009
LICENSE EXPIRATION DATE: 11/30/2009

LICENSED PROFESSIONAL ENGINEER * BRADLEY JORDAN DOWNEN 062-060343 * STATE OF ILLINOIS

SEAL

CONTRACT NO. 93485

APPROVED 03-04 2009
_____
SPRINGFIELD CITY ENGINEER

PASSED MARCH 31 2009
_____
DISTRICT SIX ENGINEER OF LOCAL ROADS & STREETS

PASSED March 31 2009
_____
DISTRICT CONSTRUCTION ENGINEER

Releasing For Bid Based on Limited Review MARCH 31 2009
_____
DEPUTY DIRECTOR OF HIGHWAYS, REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

L:\Springfield\0502502\Draw\Sheets\PROP STRUCT PLANS\Cover.dgn
3/10/2009

SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
*	20200100	EARTH EXCAVATION	CU YD	170
	20700220	POROUS GRANULAR EMBANKMENT	CU YD	53
	20800150	TRENCH BACKFILL	CU YD	87
*	25200700	SODDING, SPECIAL	SQ YD	136
	28100107	STONE RIPRAP, CLASS A4	SQ YD	513
	28200200	FILTER FABRIC	SQ YD	513
	31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	373
	42001300	PROTECTIVE COAT	SQ YD	464
	42100100	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVMENT 8"	SQ YD	464
	42100700	PAVEMENT REINFORCEMENT 8"	SQ YD	464
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	43
*	42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	1,638
*	44000100	PAVEMENT REMOVAL	SQ YD	937
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	297
	44000600	SIDEWALK REMOVAL	SQ FT	1,437
*	50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1
	50200100	STRUCTURE EXCAVATION	CU YD	118
	50300100	FLOOR DRAINS	EACH	16
	50300225	CONCRETE STRUCTURES	CU YD	39.6
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	700.8
	50300260	BRIDGE DECK GROOVING	SQ YD	1,078
*	50300300	PROTECTIVE COAT	SQ YD	1,413
*	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	167,090
	50800515	BAR SPLICERS	EACH	24
Δ	50900105	ALUMINUM RAILING, TYPE L	FOOT	97
Δ	50901720	BICYCLE RAILING	FOOT	98
Δ	50901750	PARAPET RAILING	FOOT	98
	51500100	NAME PLATES	EACH	1
	54248510	CONCRETE COLLAR	CU YD	2
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	144
	55100500	STORM SEWER REMOVAL 12"	FOOT	178
	59000200	EPOXY CRACK INJECTION	FOOT	13
*	60224600	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1
	60240215	INLETS, TYPE B, TYPE 1 FRAME, CLOSED LID	EACH	1
	60255500	MANHOLES TO BE ADJUSTED	EACH	1
	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1

SUMMARY OF QUANTITIES

SP	CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
	60500060	REMOVING INLETS	EACH	8
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	29
*	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	151
	66400105	CHAIN LINK FENCE, 4'	FOOT	54
	67100100	MOBILIZATION	L SUM	1
*	70103700	TRAFFIC CONTROL COMPLETE	L SUM	1
	70300630	TEMPORARY PAINT PAVEMENT MARKING LINE 5"	FOOT	5,985
	70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	873
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	237.5
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	237.5
* Δ	78005100	EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	63
* Δ	78005120	EPOXY PAVEMENT MARKING - LINE 5"	FOOT	1,325
* Δ	78005130	EPOXY PAVMENT MARKING - LINE 6"	FOOT	125
* Δ	78005180	EPOXY PAVEMENT MARKING - LINE 24"	FOOT	48
	78100200	TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	EACH	13
Δ	81012400	CONDUIT IN TRENCH, 1 1/4" DIA., PVC	FOOT	190
* Δ	81021530	CONDUIT, AUGERED 1 1/4" DIA., PVC	FOOT	35
Δ	81100400	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., GALVANIZED STEEL	FOOT	106
Δ	81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	190
Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	331
Δ	88600100	DETECTOR LOOP, TYPE I	FOOT	94
*	XX003437	REMOVE AND REINSTALL EXISTING PRECAST REINFORCED CONCRETE FLARED END SECTIONS	EACH	2
*	XX007026	FENCE REMOVAL AND REINSTALLATION	FOOT	20
*	X0322752	WORK ZONE PAVEMENT MARKING REMOVAL	FOOT	6,858
*	X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	4
*	X6020075	INLETS, TYPE B, TYPE 3V FRAME AND GRATE	EACH	4
*	X6060500	CORRUGATED MEDIAN REMOVAL	SQ FT	547
*	Z0013798	CONSTRUCTION LAYOUT	L SUM	1
*	Z0022800	FENCE REMOVAL	FOOT	54
*	Z0024478	FLEXIBLE DELINEATORS	EACH	15
*	Z0030260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2
*	Z0030330	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE), TEST LEVEL 3	EACH	2

Δ SPECIALTY ITEMS

CONSTRUCTION TYPE CODE: X020-2A

FILE NAME = ...\Draw\Sheets\sumquan01.dgn

USER NAME = Brad Downen | PLOT SCALE = 50.0000 ' / IN. | PLOT DATE = 3/10/2009

DESIGNED - MJO | DRAWN - GLD | CHECKED - BJD | DATE - 03/10/2009

REVISED - | REVISED - | REVISED - | REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

GENERAL NOTES & SUMMARY OF QUANTITIES
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	2
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

* CITY OF SPRINGFIELD

GENERAL NOTES:

1.) WHERE SECTION OR SUB-SECTION MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

2.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE JULIE NUMBER IS 1-800-892-0123.

THE LOCATION OF ALL UTILITIES ARE BASED ON INFORMATION PROVIDED BY OTHERS AND ARE INTENDED TO BE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE HIS CONSTRUCTION ACTIVITIES WITH THE VARIOUS UTILITY OWNERS. ALL POTENTIAL CONFLICTS SHALL BE INVESTIGATED AND REMEDIAL ACTION TAKEN PRIOR TO INTERRUPTION OF THE CONTRACTOR'S PROGRESS.

ALL UTILITIES THAT REQUIRE RELOCATION SHALL BE COMPLETED BY THE UTILITY COMPANIES.

UTILITIES TO BE MOVED OR SUPPORTED, IF NECESSARY, SHALL BE PERFORMED BY THE UTILITY COMPANIES.

3.) WHERE PROPOSED CONSTRUCTION ABUTS EXISTING APPURTENCES, A SAW CUT SHALL BE MADE TO ACHIEVE A NEAT CONSTRUCTION JOINT. SAW CUTTING WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR THE ITEM BEING CONSTRUCTED.

4.) ALL PRIVATE ENTRANCES AND SIDE ROADS ADJACENT TO THE PROJECT SHALL BE KEPT OPEN AT ALL TIMES UNLESS SHOWN OTHERWISE ON THE TRAFFIC CONTROL STAGING PLAN.

5.) THE FOLLOWING DENSITIES HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:
A. GRANULAR MATERIALS 2.05 TONS / CU. YD.

6.) BEFORE ORDERING PIPE CULVERTS, STORM SEWER, INLETS, OR MANHOLES, THE CONTRACTOR SHALL VERIFY THE DEPTH OF EXISTING DOWNSTREAM STRUCTURES OR PIPES FOR CONNECTION.

7.) EARTH EXCAVATION REQUIRED FOR PLACEMENT OF RIPRAP SHALL BE INCLUDED IN THE UNIT PRICE FOR RIPRAP.

8.) WHERE CLEARING IS REQUIRED FOR PROPOSED IMPROVEMENTS, IT SHALL BE IN ACCORDANCE WITH SECITON 201 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ANY CLEARING OR TREE REMOVAL REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE FOR EARTH EXCAVATION.

EARTHWORK SCHEDULE

STATION/LOCATION			EARTH EXCAVATION (CU YD)
WASHINGTON STREET			
85+81.00	-	86+16.23	81
87+75.25	-	88+10.00	89
TOTALS			**170**

NOTE: EXCAVATION FOR APPROACH SLAB INCLUDED IN STRUCTURE EXCAVATION

PORTLAND CEMENT CONCRETE PAVEMENT SCHEDULE

STATION / LOCATION			CONTINUOUSLY REINFORCED PORLTAND CEMENT CONCRETE PAVEMENT 8" (SQ YD)	PAVEMENT REINFORCEMENT 8" (SQ YD)	PROTECTIVE COAT (SQ YD)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH (SQ YD)	SUB-BASE GRANULAR MATERIAL, TYPE B (TON)
WASHINGTON STREET							
85+81.00	-	86+16.23	229	229	229		178
87+75.25	-	88+10.00	235	235	235		182
87+76.00	-	87+97.40				43	13
TOTALS			**464**	**464**	**464**	**43**	**373**

PAVEMENT REMOVAL SCHEDULE

STATION / LOCATION			PAVEMENT REMOVAL (SQ YD)
WASHINGTON STREET			
85+81.00	-	86+46.23	429
87+45.25	-	88+00.00	508
TOTALS			**937**

COMBINATION CONCRETE CURB AND GUTTER SCHEDULE

STATION / LOCATION				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (FOOT)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)
WASHINGTON STREET						
85+81.00	-	86+31.41	LT		22	52
85+81.00	-	86+61.78	RT		51	81
87+29.54	-	88+00.00	LT		57	88
87+61.52	-	88+00.00	RT		21	50
87+75.18	-	87+81.08	LT	29		26
TOTALS				**29**	**151**	**297**

PORTLAND CEMENT CONCRETE SIDEWALK SCHEDULE

STATION / LOCATION				PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SQ FT)	SIDEWALK REMOVAL (SQ FT)
WASHINGTON STREET					
85+61.51	-	85+69.34	RT	28	28
85+83.51	-	86+31.39	LT	392	343
85+92.49	-	86+63.64	RT	355	312
87+25.48	-	87+81.08	LT	483	421
87+60.61	-	88+30.15	RT	339	287
88+12.58	-	88+18.79	LT	41	46
TOTALS				**1638**	**1437**

STORM SEWER REMOVAL SCHEDULE

STATION / LOCATION				STORM SEWER REMOVAL 12" (FOOT)	TRENCH BACKFILL (CU YD)
WASHINGTON STREET					
85+97.99	-	86+05.23	LT	17	6.7
86+05.23	-	86+30.88		67	14.3
86+05.23	-	86+24.94	LT	20	3.3
86+30.88	-	86+54.42	RT	24	2.3
87+35.23	-	87+51.42	LT	28	3.2
87+66.76	-	87+80.33	RT	22	5.6
TOTALS				**178**	**35.4**

INLET REMOVAL SCHEDULE

STATION / LOCATION		REMOVING INLETS (EACH)	TRENCH BACKFILL (CU YD)
WASHINGTON STREET			
86+05.25	LT	1	1.7
86+24.94	RT	1	1.4
86+30.90	RT	1	1.3
86+54.42	RT	1	0.9
87+35.23	LT	1	1.0
87+51.10	LT	1	1.3
87+66.76	RT	1	1.1
87+79.37	RT	1	2.5
TOTALS		**8**	**11.2**

DETECTOR LOOP SCHEDULE

STATION / LOCATION				DETECTOR LOOP, TYPE I (FOOT)	CONDUIT IN TRENCH, 1 1/4" DIA., PVC (FOOT)	CONDUIT, AUGERED 1 1/4" DIA., PVC (FOOT)	CONDUIT ATTACHED TO STRUCTURE, 1 1/4" DIA., GALVANIZED STEEL (FOOT)	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C (FOOT)	TRENCH AND BACKFILL FOR ELECTRICAL WORK (FOOT)
WASHINGTON STREET									
86+07.00	-	86+13.00	RT	94					
86+12.65	-	86+64.18	RT		65			65	65
86+64.18	-	87+63.20	RT				106	106	
87+63.20	-	88+83.36	RT		120			120	120
88+83.36	-	89+12.30	RT			35		35	
89+12.30	-	89+19.38	RT		5			5	5
TOTALS				**94**	**190**	**35**	**106**	**331**	**190**

FILE NAME = ...\Draw\Sheets\sumquan02.dgn	USER NAME = Brad Downen	DESIGNED - MJO	REVISED -	
		DRAWN - GLD	REVISED -	
	PLOT SCALE = 50.0000 ' / IN.	CHECKED - BJD	REVISED -	
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -	

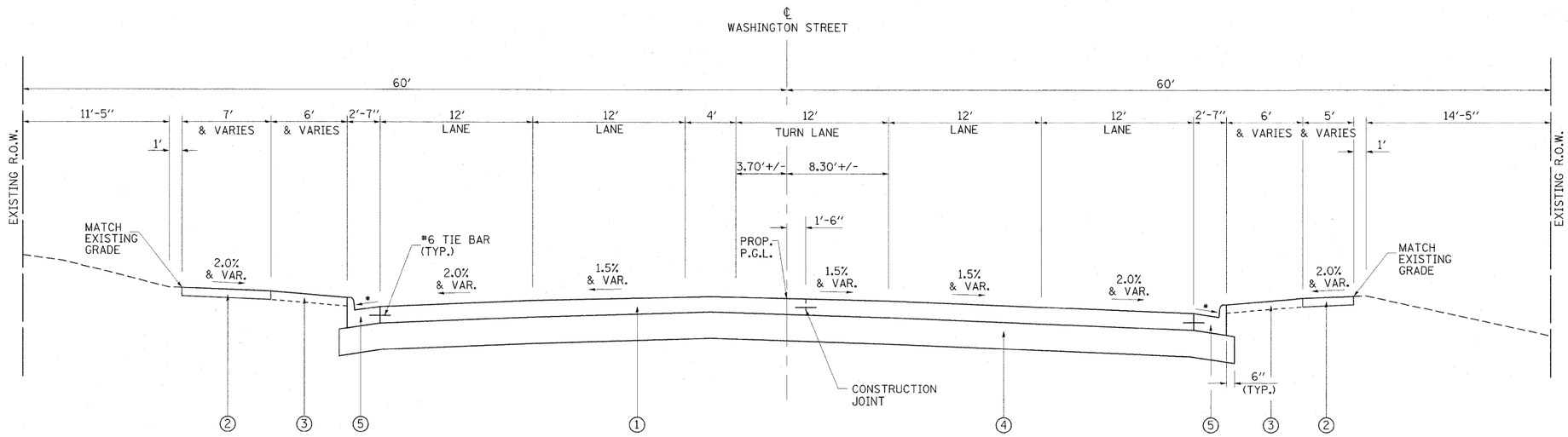
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

SUMMARY OF QUANTITIES (CONT.) & QUANTITY SCHEDULES
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	3
		CONTRACT NO 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

• CITY OF SPRINGFIELD



WASHINGTON STREET
ROADWAY APPROACH EAST OF STRUCTURE

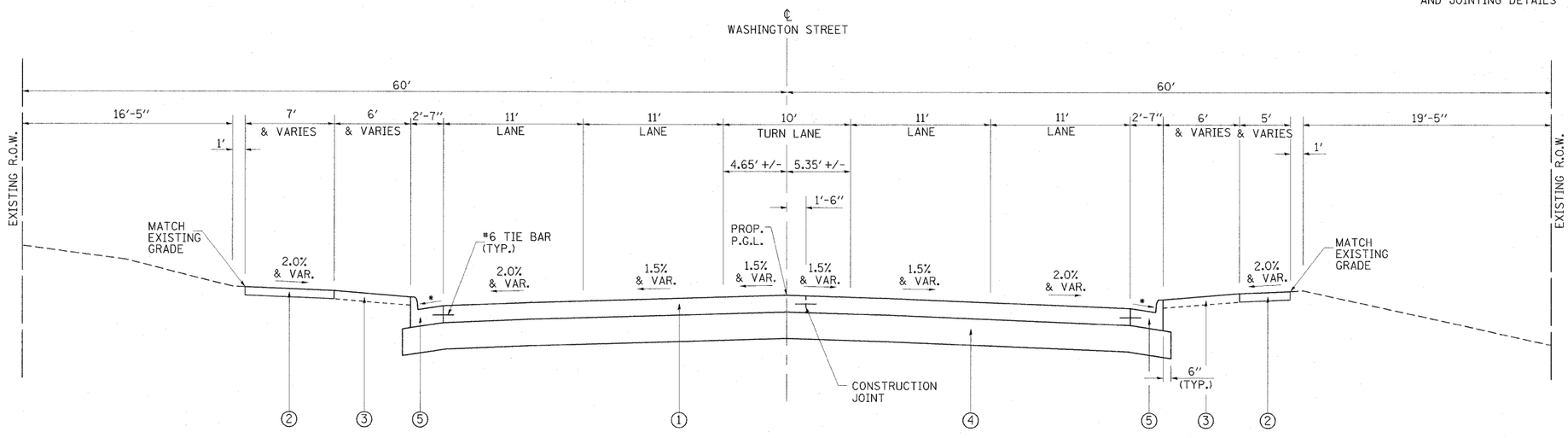
STA. 87+75.25 TO STA. 88+10.00

*VARY SLOPE OF GUTTER FLAG TO PROVIDE POSITIVE DRAINAGE FROM TIE-IN LOCATION TO DRAINAGE INLETS.

PROPOSED LEGEND

1. PROP. C.R.P.C.C. PAVEMENT, 8″
2. PROP. P.C.C. SIDEWALK, 4″
3. PROP. SODDING
4. PROP. SUBBASE GRANULAR MATERIAL, TYPE B, 12″
5. PROP. COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

NOTE: SEE JOINTING PLAN FOR ADDITIONAL REINFORCEMENT AND JOINTING DETAILS



WASHINGTON STREET
ROADWAY APPROACH WEST OF STRUCTURE

STA. 85+81.00 TO STA. 86+16.23

FILE NAME = ...\typsection_prop road_bridge.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - SPH	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

PROPOSED ROADWAY TYPICAL SECTIONS
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	4
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD

SPRINGFIELD PARK DISTRICT

PROPOSED P.C.C. SIDEWALK, 4" (TYP.)

REMOVE 32 L.F. EXISTING FENCE. INSTALL 32 L.F. PROPOSED CHAIN LINK FENCE, 4'

STA. 86+95.74
STRUCTURE NO. 084-6001 (E)

DETECTABLE WARNINGS (TYP.)
PROP. C.C.C. & G. TY. B-6.12 (TYP.)

CVS PHARMACY INC.

STA. 89+97.86 (WASHINGTON ST.) =
STA. 87+42.79 (CHATHAM RD.)
N: 1141887.310
E: 2431330.549

BENCH MARK "B"

10" WATER MAIN

PROPOSED ℄ WASHINGTON STREET

EXISTING R.O.W.

+82.66
44.85' LT.

+82.75
37.90' LT.

+11.28
46.13' LT.

EXISTING R.O.W.

BRUNS LANE

OVERHEAD POWER LINE

CONTROL POINT 1

6" WATER MAIN

+83.51

15" STORM SEWER

REMOVE 22 L.F. EXISTING FENCE. INSTALL 22 L.F. PROPOSED CHAIN LINK FENCE, 4'

PCC DRIVEWAY PAVEMENT, 8" WITH 4" SUBBASE GRANULAR MATERIAL, TYPE B

BENCH MARK "A"

15" STORM SEWER

WASHINGTON STREET

60'

10'

+11.61
38.60' LT.

+77.12
31.54' LT.

+68.08
27.94' LT.

+18.79

+19.69

60'

30" STORM SEWER

6" WATER MAIN

10" WATER MAIN

12" STORM SEWER

26.65'±

30.50'

31.70'±

84

85+00

86

87

88

89

90+00

8" GAS MAIN

27.35'±

32.50'

32.30'±

6" GAS MAIN

STA. 88+00.00 TO STA. 89+35.00
CORRUGATED MEDIAN REMOVAL, 547 SQ FT.

25° SKEW

STA. 84+00.00 (WASHINGTON ST.)
N: 1141876.321
E: 2430752.788

NOTE: SEE DRAINAGE PLAN FOR STORM SEWER DETAILS

4'

+61.51

+27.24

+35.75
40.30' RT.

1' STUB

1' STUB

+43.08

36" STORM SEWER

EXISTING R.O.W.

EXISTING R.O.W.

CONTROL POINT 2

END ROADWAY IMPROVEMENTS
STA. 88+10.00

OVERHEAD POWER LINE

BEGIN ROADWAY IMPROVEMENTS
STA. 85+81.00

+27.04
36.14' RT.

20 L.F. REMOVE AND REINSTALL FENCE

+16.73
42.90' RT.

CHATHAM ROAD

88

N

20' 0 20' 40'

SCALE: 1" = 20'

PROPOSED C.C.C. & G. TYPE B-6.24 (TYP.)

STA. 86+10.00
DETECTOR LOOP TYPE I (6' x 6')
(SEE SCHEDULE FOR QUANTITIES)

TWIN 60" SEWER OVERFLOW (PLUGGED)

JACKSONVILLE BRANCH

30' BRIDGE APPROACH SLAB (TYP.)
(SEE STRUCTURAL PLANS)

30" SANITARY SEWER

CONTINUOUSLY REINFORCED PCC PAVEMENT, 8" (TYP.)

96" SANITARY SEWER

PROPOSED ℄ CHATHAM ROAD

D & J CAPITAL CITY PROPERTIES, INC.

ADVANCED CHIROPRACTIC LLC.

MYERS - RICE LAND SERVICES

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
ALL UTILITIES LOCATED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALL UTILITIES
STRUCTURE NOTATIONS CMND
NOTE BOOK
NO.
BY
DATE

BENCH MARK "A":
RR SPIKE 2nd. POLE WEST OF BRUNS LANE ON NORTH SIDE OF WASHINGTON STREET.
ELEV. = 554.25

BENCH MARK "B":
RR SPIKE 1st. POLE WEST OF BRIDGE ABUT. ON NORTH SIDE OF WASHINGTON STREET.
ELEV. = 551.97

CONTROL POINT 1:
IRON PIN
STA. 85+20.25, 42.96' LT.
N: 1141921.482
E: 2430852.233

CONTROL POINT 2:
IRON PIN
STA. 88+43.23, 44.15' RT.
N: 1141840.324
E: 2431176.757

PROPOSED ROADWAY PROFILE (ALONG PROPOSED ℄)

EXISTING ROADWAY PROFILE (ALONG PROPOSED ℄)

552.29

552.42

-0.21%

+0.00%

+0.00%

+0.49%

VPI STA. 86+00.00
ELEVATION 552.25

VPI STA. 87+75.00
ELEVATION 552.25

STA. 85+81.00
MATCH EXISTING
ELEV. 552.29

STA. 88+10.00
MATCH EXISTING
ELEV. 552.42

	EXISTING	PROPOSED
84+00	556.59	
84+50	555.60	
	554.66	
	553.98	
85+00	553.34	
	552.92	
85+50	552.54	
	552.36	
86+00	552.21	552.25
	552.32	552.25
86+50	552.41	552.25
	552.33	552.25
87+00	552.26	552.25
	552.22	552.25
87+50	552.19	552.25
	552.23	552.25
88+00	552.35	552.37
	552.65	
88+50	553.15	
	553.83	
89+00	554.50	
	555.11	
89+50	555.58	

565 560 555 550 545 540 535 530

FILE NAME = L:\Springfield\0502502\Draw\Sheets\PNP_WASH.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -	
		DRAWN - GLD	REVISED -	
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - SPH	REVISED -	
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -	

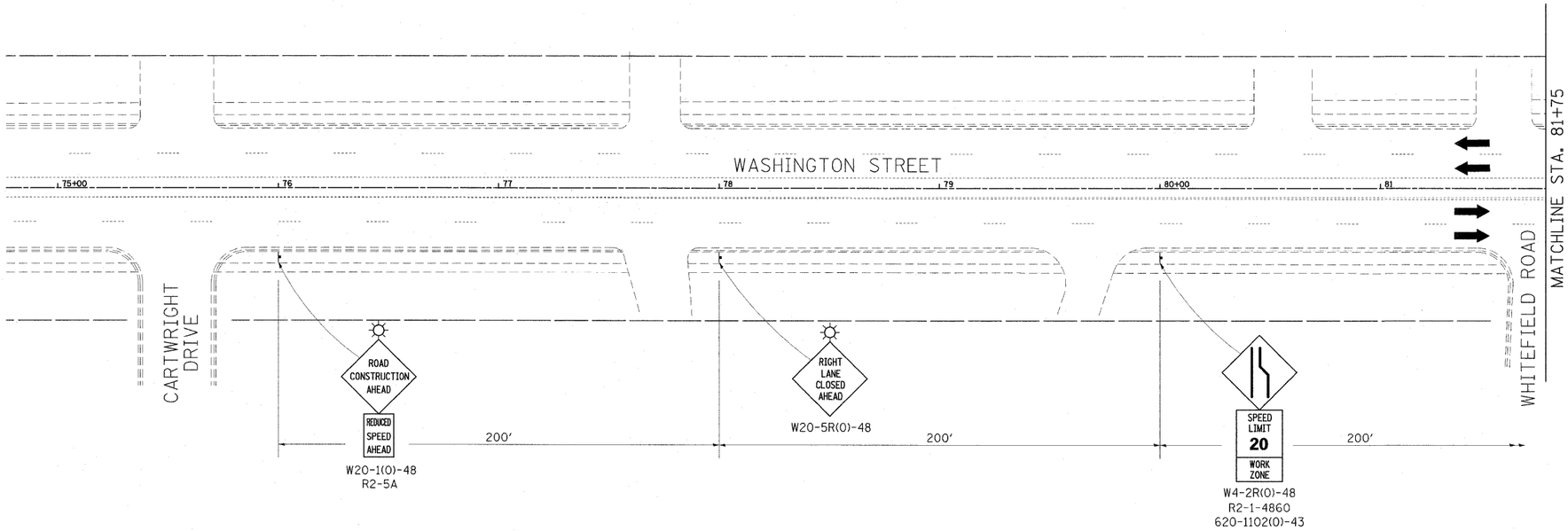
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

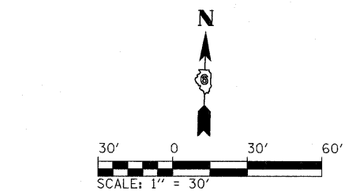
PLAN AND PROFILE
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	5
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

• CITY OF SPRINGFIELD





LEGEND

- WORK AREA
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE C BIDIRECTIONAL REFLECTOR (INCLUDED WITH THE COST FOR CONCRETE BARRIER)
- DRUM
- FLEXIBLE DELINEATOR
- RAISED REFLECTIVE PAVEMENT MARKER, TYPE 2
- TYPE III BARRICADE
- LIGHTS, TYPE A

TRAFFIC CONTROL STANDARDS

701306, 701321, 701606, 701801

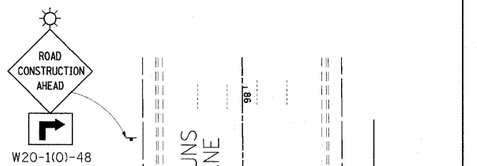
STAGE I - TRAFFIC CONTROL ITEMS

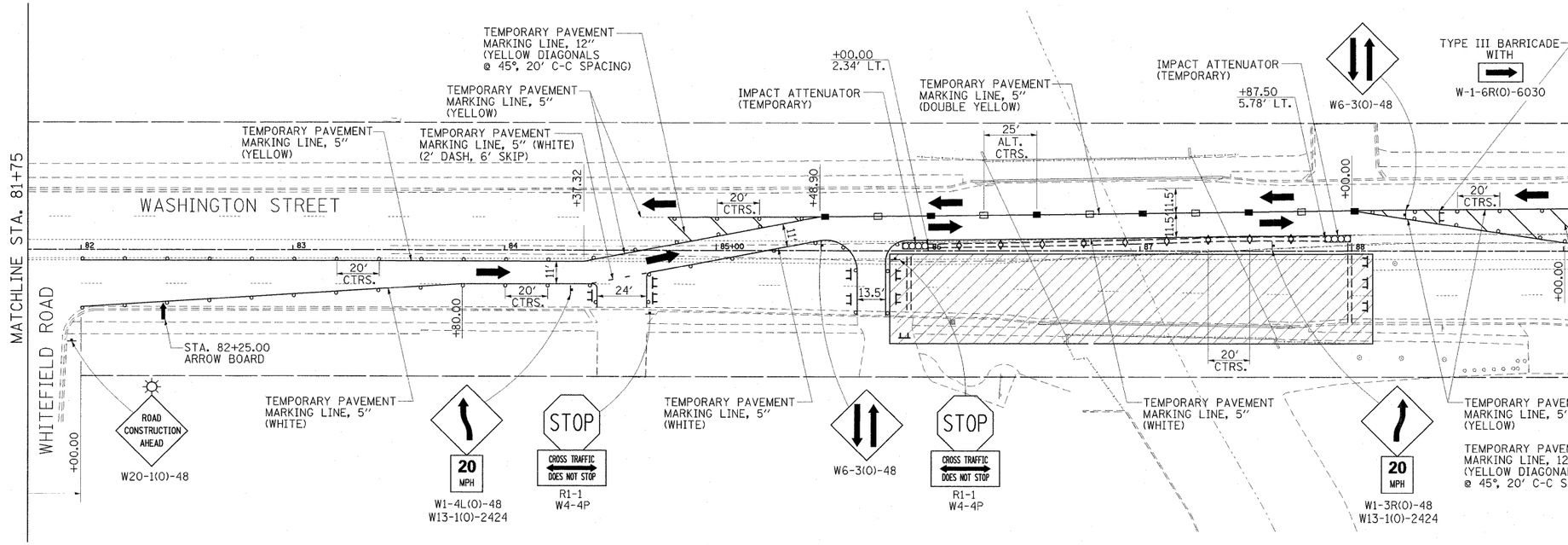
TEMPORARY PAVEMENT MARKING - LINE 5"	3204	FOOT
TEMPORARY PAVEMENT MARKING - LINE 12"	173	FOOT
WORK ZONE PAVEMENT MARKING REMOVAL	3377	FOOT
TEMPORARY CONCRETE BARRIER	237.5	FOOT
TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	5	EACH
FLEXIBLE DELINEATORS	6	EACH
IMPACT ATTENUATORS (TEMPORARY)	2	EACH

STAGE I

WORK IN STAGE I SHALL CONSIST OF THE FOLLOWING:

1. REMOVAL EXISTING CORRUGATED MEDIAN FROM STA. 88+00.00 TO STA. 89+35.00 PRIOR TO INSTALLATION OF STAGE I TRAFFIC CONTROL.
2. INSTALLATION OF TEMPORARY CONCRETE BARRIER, ADVANCE WARNING SIGNS, BARRICADES, TEMPORARY IMPACT ATTENUATORS, TEMPORARY PAVEMENT MARKINGS, FLEXIBLE DELINEATORS, AND TYPE C REFLECTORS AS SHOWN ON STAGE I TRAFFIC CONTROL PLAN.
3. REMOVAL OF THE EASTBOUND BRIDGE DECK AND THE APPROACH PAVEMENTS.
4. CONSTRUCTION OF THE NEW EASTBOUND SUPERSTRUCTURE AND APPROACH PAVEMENTS.





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		DRAWN - GLD	REVISED -	
	PLOT SCALE = 30.0000 ' / IN.	CHECKED - SPH	REVISED -	
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -	

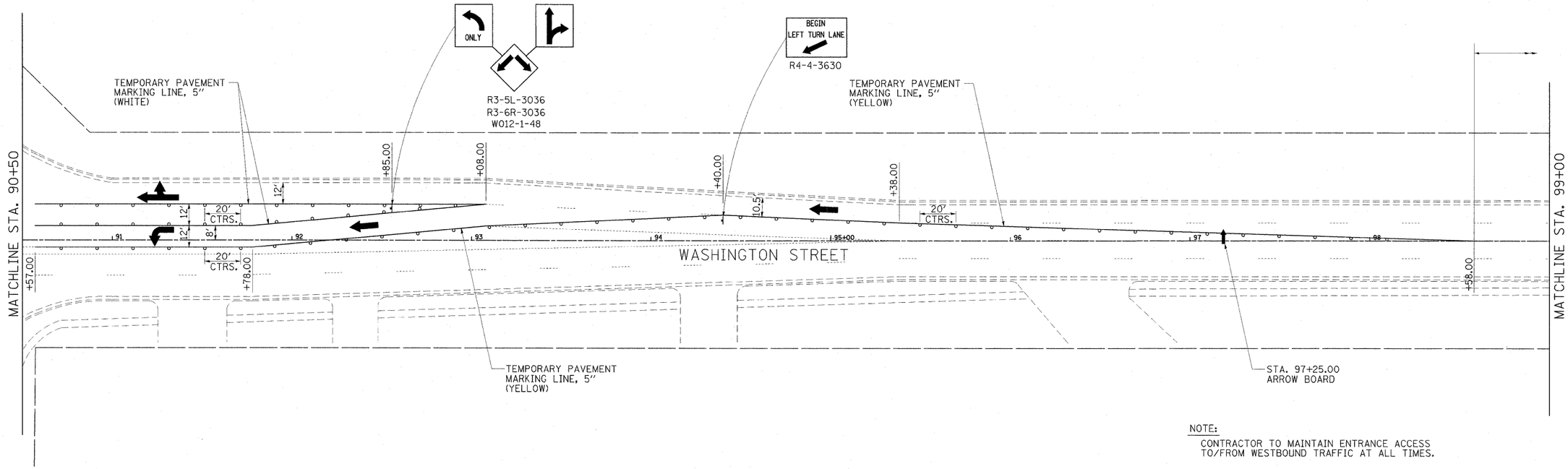
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

MAINTENANCE OF TRAFFIC STAGE I
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

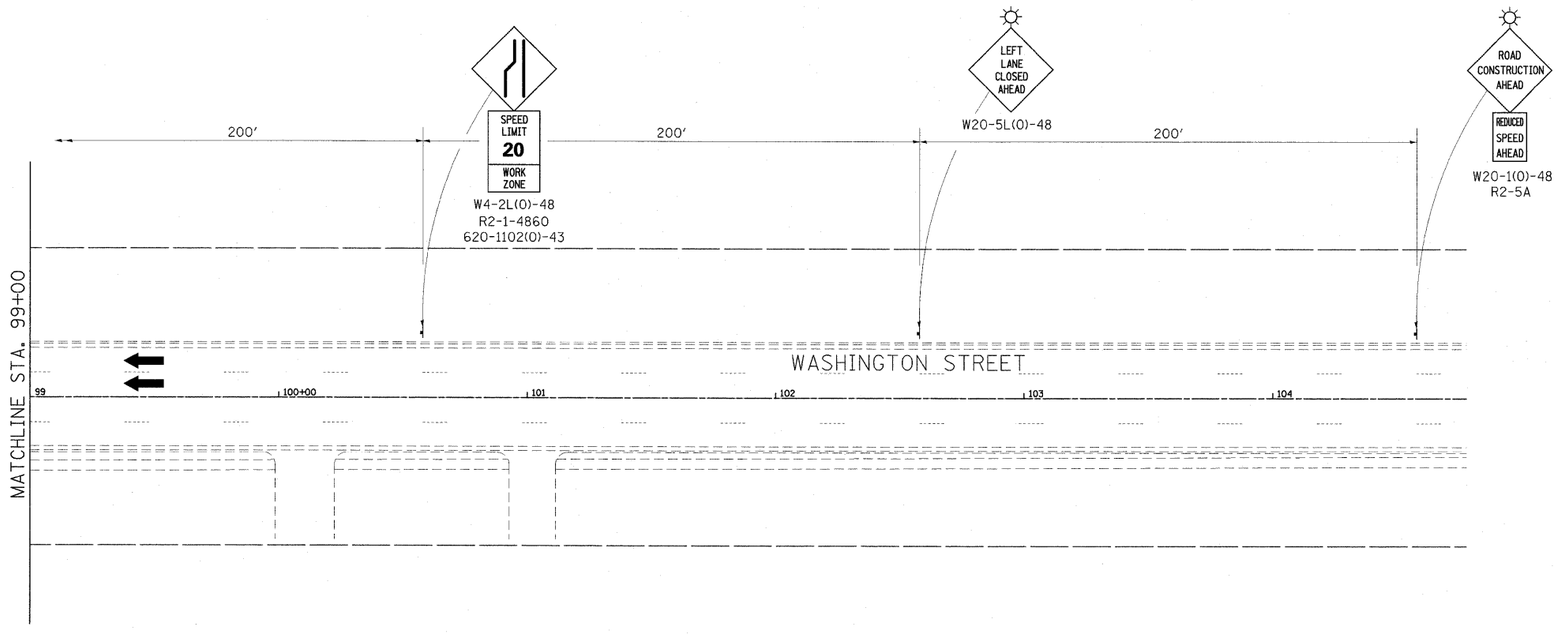
F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	6
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

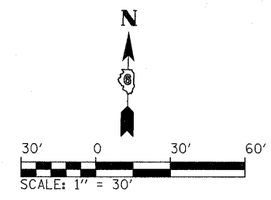
*CITY OF SPRINGFIELD



NOTE:

CONTRACTOR TO MAINTAIN ENTRANCE ACCESS TO/FROM WESTBOUND TRAFFIC AT ALL TIMES.





LEGEND

- WORK AREA
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE C BIDIRECTIONAL REFLECTOR (INCLUDED WITH THE COST FOR CONCRETE BARRIER)
- DRUM
- FLEXIBLE DELINEATOR
- RAISED REFLECTIVE PAVEMENT MARKER, TYPE 2
- TYPE III BARRICADE
- LIGHTS, TYPE A

FILE NAME = ...\Sheets\MOT_STG 1_SHT02.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 30.0000 ' / IN.	CHECKED - SPH	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

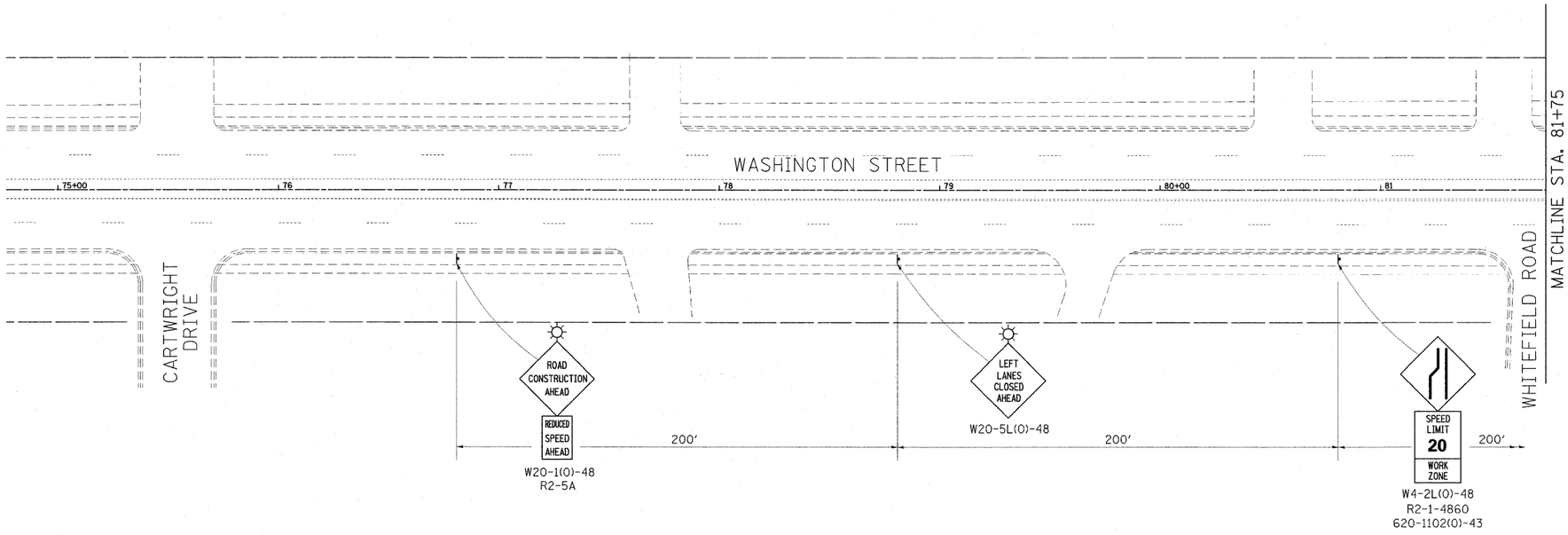
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

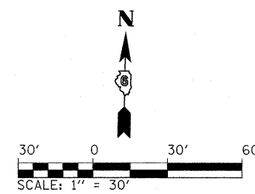
MAINTENANCE OF TRAFFIC STAGE 1
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	7
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS FED. AID PROJECT			

*CITY OF SPRINGFIELD





LEGEND

- WORK AREA
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE C BIDIRECTIONAL REFLECTOR (INCLUDED WITH THE COST FOR CONCRETE BARRIER)
- DRUM
- FLEXIBLE DELINEATOR
- RAISED REFLECTIVE PAVEMENT MARKER, TYPE 2
- TYPE III BARRICADE
- LIGHTS, TYPE A

STAGE II - TRAFFIC CONTROL ITEMS

TEMPORARY PAVEMENT MARKING - LINE 5"	2781	FOOT
TEMPORARY PAVEMENT MARKING - LINE 12"	700	FOOT
WORK ZONE PAVEMENT MARKING REMOVAL	3481	FOOT
TEMPORARY CONCRETE BARRIER-RELOCATE	237.5	FOOT
TEMPORARY RAISED REFLECTIVE PAVEMENT MARKER	8	EACH
FLEXIBLE DELINEATORS	9	EACH
IMPACT ATTENUATORS (TEMPORARY)-RELOCATE	2	EACH

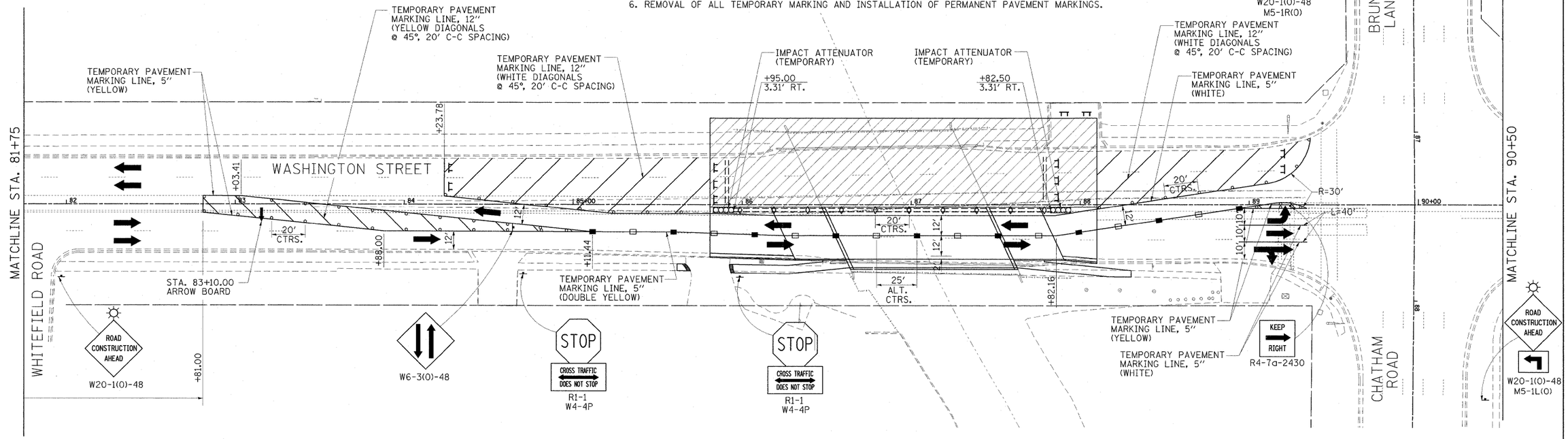
STAGE II

WORK IN STAGE II SHALL CONSIST OF THE FOLLOWING:

1. REMOVAL OF STAGE I TEMPORARY PAVEMENT MARKINGS, FLEXIBLE DELINEATORS AND TEMPORARY RAISED MARKERS.
2. RELOCATION AND INSTALLATION OF TEMPORARY CONCRETE BARRIER, ADVANCE WARNING SIGNS, BARRICADES AND TEMPORARY IMPACT ATTENUATORS AS SHOWN ON THE STAGE II TRAFFIC CONTROL PLAN.
3. INSTALLATION OF TEMPORARY PAVEMENT MARKINGS, FLEXIBLE DELINEATORS AND RAISED PAVEMENT MARKINGS.
4. REMOVAL OF THE WESTBOUND BRIDGE DECK, AND APPROACH PAVEMENTS.
5. CONSTRUCTION OF THE NEW WESTBOUND SUPERSTRUCTURE AND APPROACH PAVEMENTS.
6. REMOVAL OF ALL TEMPORARY MARKING AND INSTALLATION OF PERMANENT PAVEMENT MARKINGS.

TRAFFIC CONTROL STANDARDS

701321, 701606, 701801



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		DRAWN - GLD	REVISED -	
	PLOT SCALE = 30.0000 ' / IN.	CHECKED - SPH	REVISED -	
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -	

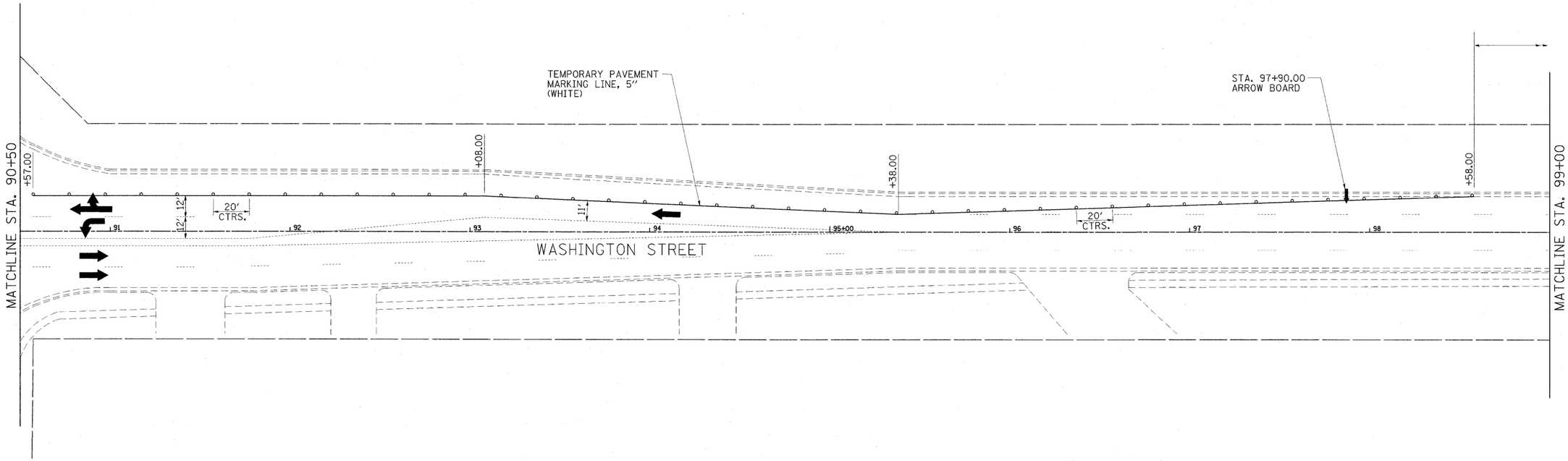
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

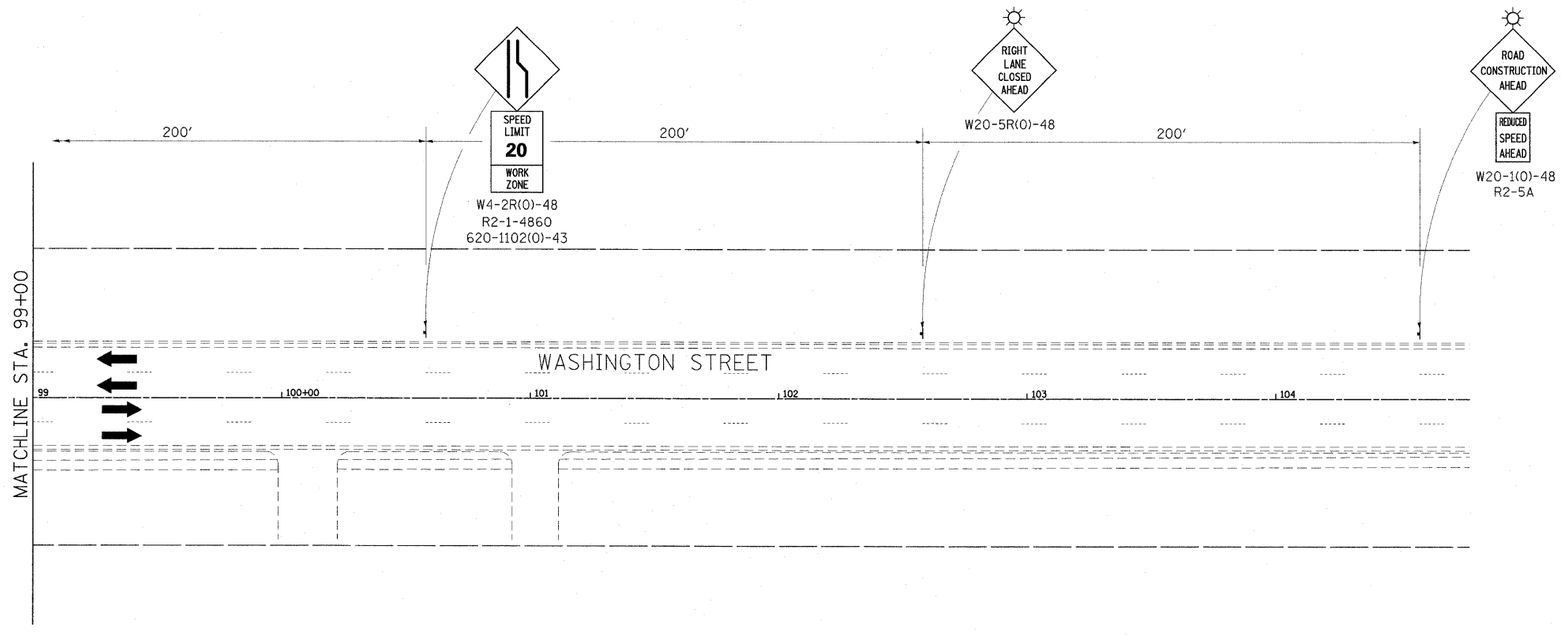
MAINTENANCE OF TRAFFIC STAGE II
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

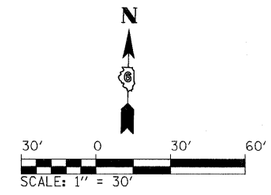
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	8
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD







LEGEND

- WORK AREA
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE C BIDIRECTIONAL REFLECTOR (INCLUDED WITH THE COST FOR CONCRETE BARRIER)
- DRUM
- FLEXIBLE DELINEATOR
- RAISED REFLECTIVE PAVEMENT MARKER, TYPE 2
- TYPE III BARRICADE
- LIGHTS, TYPE A

FILE NAME = ..\Sheets\MOT_STG 2_SHT02.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 30.0000 ' / IN.	CHECKED - SPH	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

MAINTENANCE OF TRAFFIC STAGE II
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	9
		CONTRACT NO. 63485		

FED. ROAD DIST. NO. 6 | ILLINOIS | FED. AID PROJECT

*CITY OF SPRINGFIELD

STA. 86+22.01, 28.50' LT.
TY. A INLET W/TY. 3V F. & G.
RIM = 551.75 (E.O.P.)
INV. (W) = 548.76

8.0 L.F. @ 5.00%,
12" SS, CL. A, TY. 1
T.B. = 1.3 C.Y.

STA. 86+12.01, 28.50' LT.
TY. B INLET W/TY. 3V F. & G.
RIM = 551.68 (E.O.P.)
INV. (W) = 548.26
INV. (E) = 548.36

STA. 85+97.99, 45.00' LT.
MANHOLE TO BE RECONSTRUCTED

14.0 L.F. @ 3.64%,
12" SS, CL. A, TY. 1
T.B. = 2.4 C.Y.
9.0 L.F. @ 0.67%,
12" SS, CL. A, TY. 1
T.B. = 3.4 C.Y.

17 S.Y. STONE
RIPRAP, CL. A4

STA. 86+33.29, 55.92' LT.
REMOVE AND REINSTALL EXISTING
PRECAST REINFORCED CONCRETE
FLARED END SECTION. CONCRETE
COLLAR 0.3 C.Y.

FILL VOID WITH 30 C.Y.
POROUS GRANULAR
EMBANKMENT

E.O.P. & REFERENCE
OFFSET/ELEVATION
GIVEN IN PLANS

FACE OF
CURB

APPROACH
SLAB

CASTING

TYPE 3V FRAME & GRATE

CONTRACTOR TO DETERMINE
LOCATION OF MANHOLE OR
INLET RELATIVE TO THE
FRAME & GRATE

REFERENCE OFFSET/
ELEVATION
GIVEN IN PLANS

TYPE 1 FRAME & LID

CONTRACTOR TO DETERMINE
LOCATION OF MANHOLE OR
INLET RELATIVE TO THE
FRAME & LID

STA. 87+41.16, 28.50' LT.
TY. A INLET W/TY. 3V F. & G.
RIM = 551.76 (E.O.P.)
INV. (E) = 548.76

8.0 L.F. @ 4.50%, 12" SS
TY. A, CL. 1, T.B. = 1.1 C.Y.

STA. 87+51.16, 28.50' LT.
TY. B INLET W/TY. 3V F. & G.
RIM = 551.76 (E.O.P.)
INV. (W) = 548.40
INV. (S) = 548.30± (MATCH EXISTING)

STA. 87+66.57, 31.53' LT.
MANHOLE TO BE ADJUSTED
RIM = 552.20

16" (MIN.)
STONE RIPRAP,
CLASS A4
3'-0"
3'-0"
6"
BEDDING
5'-0"
FILTER FABRIC

SECTION A-A

R=10' (TYP.)

REMOVE AND REINSTALL EXISTING
PRECAST REINFORCED CONCRETE
FLARED END SECTION. CONCRETE
COLLAR 0.6 C.Y.

STA. 85+95.33, 33.23' LT.
RESTRICTED DEPTH MANHOLE,
4' DIA. W/TY. 1 FRAME &
CLOSED LID
RIM = 552.30
INV. (N) = 547.65
INV. (S) = 547.75
INV. (E) = 547.75

STA. 86+10.39, 1.00' LT.
TY. B INLET W/TY. 1 FRAME
& CLOSED LID (TEMPORARY)
RIM = 552.25
INV. = 547.70

5.0 L.F. @ 0.00%
12" SS, CL. 1, TY. A
(TEMPORARY)

34.0 L.F. @ 0.44%,
12" SS, CL. 1, TY. A
T.B. = 9.1 C.Y.
(CONSTRUCTED STAGE II)

STA. 86+17.19, 1.00' LT.
TY. B INLET W/TY. 1 FRAME
& CLOSED LID (TEMPORARY)
RIM = 552.25
INV. = 547.70

39.0 L.F. @ 0.44%,
12" SS, CL. 1, TY. A
T.B. = 10.5 C.Y.
(CONSTRUCTED STAGE I)

STA. 87+69.25, 30.50' RT.
TYPE A INLET W/TY.
3V F. & G.
RIM = 551.58 (E.O.P.)
INV. (E) = 548.73

STA. 86+27.10, 34.75' RT.
TYPE B INLET W/TY. 1
FRAME & CLOSED LID
RIM = 552.20
INV. (N) = 548.07
INV. (E) = 548.17

13.0 L.F. @ 0.46%, 12" SS
TY. A, CL. 1, T.B. = 2.0 C.Y.

FILL VOID WITH 5 C.Y.
POROUS GRANULAR
EMBANKMENT

251 S.Y. STONE
RIPRAP, CL. A4

245 S.Y. STONE
RIPRAP, CL. A4

STA. 87+79.25, 30.50' RT.
TYPE B INLET W/TY. 3V F. & G.
RIM = 551.60 (E.O.P.)
INV. (W) = 548.50
INV. (S) = 546.90± (MATCH EXISTING)

STA. 86+41.38, 30.50' RT.
TYPE B INLET W/TY. 3V F. & G.
RIM = 551.73 (E.O.P.)
INV. (W) = 548.23
INV. (E) = 548.33

8.0 L.F. @ 5.00%, 12" SS
TY. A, CL. 1, T.B. = 1.1 C.Y.

STA. 86+51.38, 30.50' RT.
TYPE A INLET W/TY. 3V F. & G.
RIM = 551.73 (E.O.P.)
INV. (W) = 548.73

3.0 L.F. 12" SS
TY. 1, CL. A, T.B. = 2.0 C.Y.
CONCRETE COLLAR
0.3 C.Y.

8.0 L.F. @ 2.90%, 12" SS
TY. A, CL. 1, T.B. = 1.1 C.Y.

N

10' 0 10' 20'
SCALE: 1" = 10'

1'-6"
6"
EXISTING
PIPE
CULVERT
8"
SIDE VIEW

6"
6"
DIAMETER
OF PIPE
6"
8"
END VIEW

CONCRETE COLLAR DETAIL

TABULATION

DIAMETER OF PIPE	CL. SI CONC. CU. YDS. EST.
12"	0.3
15"	0.3
30"	0.6

THE CONCRETE COLLAR SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR **CONCRETE COLLAR,** AS SHOWN ON THE PLANS.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

NOTE: 1. CONTRACTOR TO LOCATE ALL PIPES, INLETS, AND MANHOLES OUTSIDE OF THE APPROACH SLAB FOOTING.
2. SEE QUANTITY SCHEDULES FOR REMOVAL ITEMS AND LOCATIONS.
3. TEMPORARY DRAINAGE ITEMS TO BE CONSTRUCTED IN STAGE I AND REMOVED IN STAGE II UPON COMPLETION OF PROPOSED STORM SEWER CONNECTION. (SEE TRAFFIC CONTROL PLAN)
4. COST FOR TEMPORARY DRAINAGE ITEMS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN TRAFFIC CONTROL COMPLETE.

FILE NAME = ...\Draw\Sheets\DRAINAGE_WASH.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -	
		DRAWN - GLD	REVISED -	
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - SPH	REVISED -	
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -	

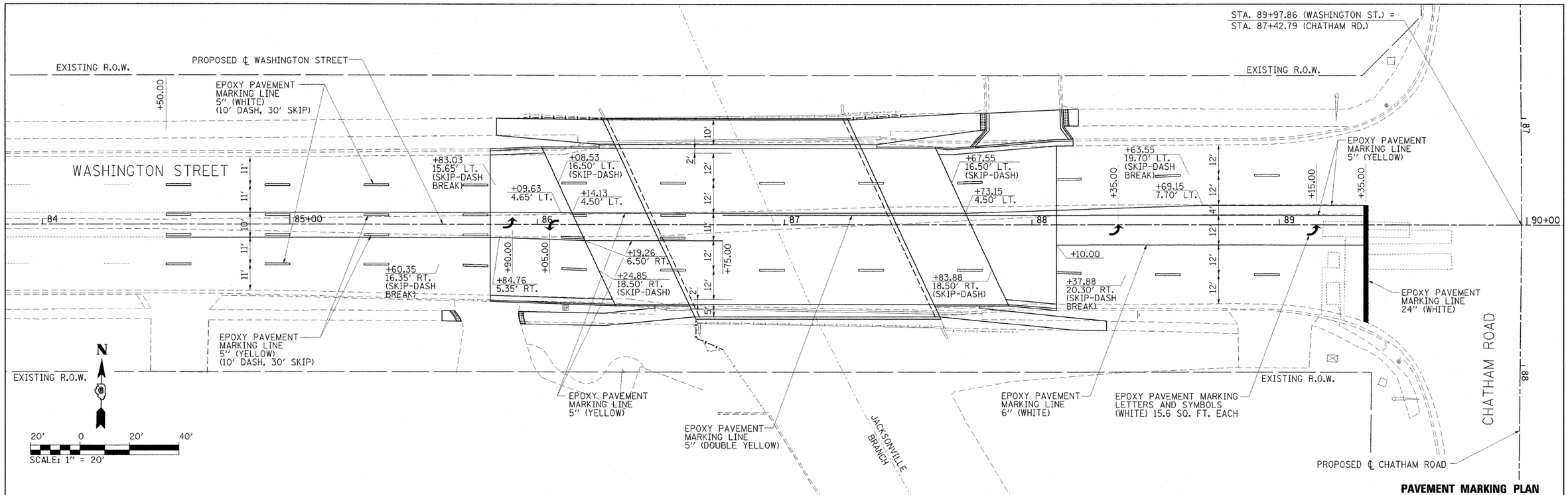
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

DRAINAGE PLAN
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

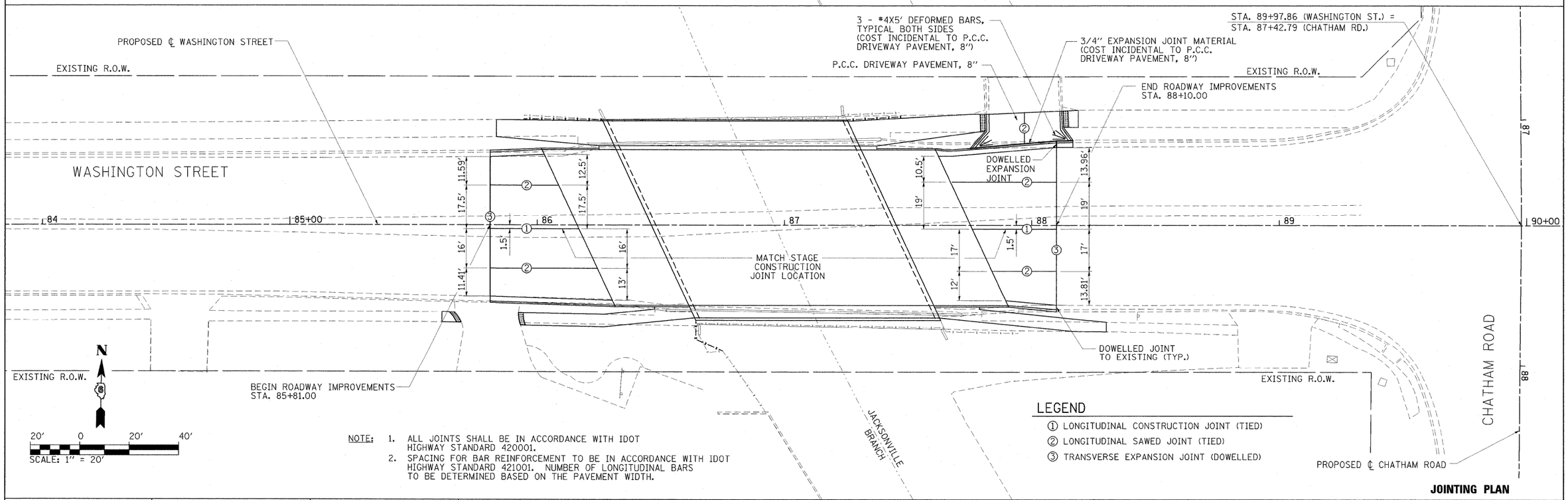
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	10
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD



PAVEMENT MARKING PLAN



NOTE:
1. ALL JOINTS SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 420001.
2. SPACING FOR BAR REINFORCEMENT TO BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 421001. NUMBER OF LONGITUDINAL BARS TO BE DETERMINED BASED ON THE PAVEMENT WIDTH.

LEGEND

① LONGITUDINAL CONSTRUCTION JOINT (TIED)
② LONGITUDINAL SAWED JOINT (TIED)
③ TRANSVERSE EXPANSION JOINT (DOWELLED)

JOINTING PLAN

FILE NAME = L:\Springfield\0502502\Draw\Sheets\PVT_MRK_JOINT.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 20.0000 ′ / IN.	CHECKED - SPH	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & JOINTING PLAN
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	11
		CONTRACT NO. 93485		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

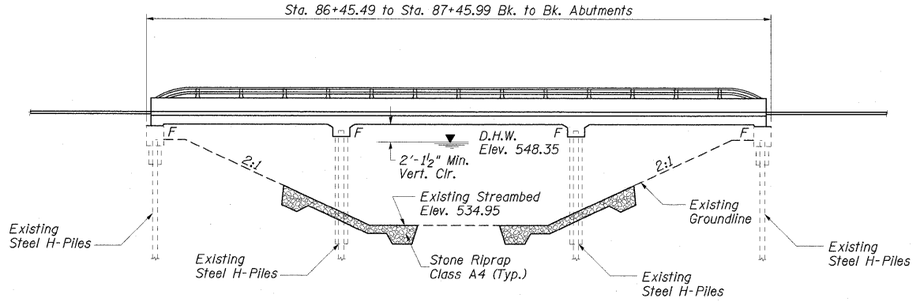
*CITY OF SPRINGFIELD

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 2.12-ICS 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

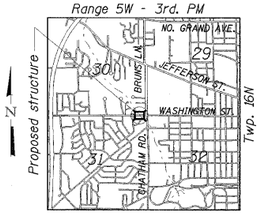
NAME PLATE

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

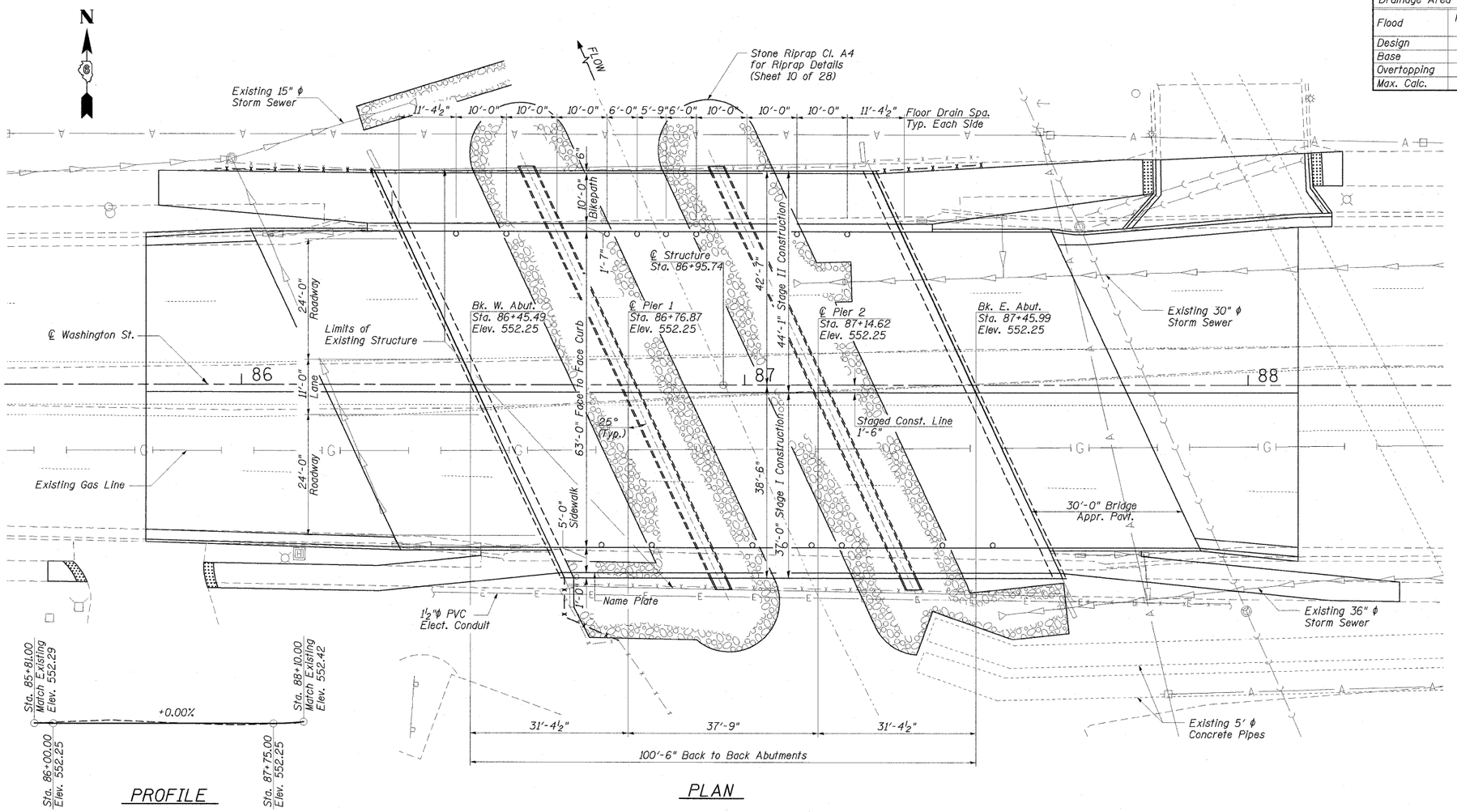


LOCATION SKETCH

WATERWAY INFORMATION TABLE

Drainage Area = 9.8 Sq. Mi.
Exist. Low Grade Elev. 552.25 ft. @ Sta. 86+96.09
Prop. Low Grade Elev. 552.25 ft. @ Sta. 86+96.06

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. 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



PLAN

PROFILE

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.
Illinois Licensed Structural Engineer
License Number: 081-005087
Expiration Date: 11-30-2010

LICENSED STRUCTURAL ENGINEER
WILLIAM L. BAILEY, JR.
5087
STATE OF ILLINOIS

03-10-2009

FILE NAME = ...\PROP STRUCT PLANS\GP&E.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 12.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

GENERAL PLAN AND ELEVATION
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION•	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	12
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

•CITY OF SPRINGFIELD

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
4. The Contractor shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the Contractor shall refer to the IDNR permit number as shown in the contract plans.
5. The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.
6. Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.
7. The Contractor is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the Contractor's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the Special Provisions.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment	Cu. Yd.		18	18
Removal of Existing Structures	L. Sum	1		1
Structure Excavation	Cu. Yd.	118		118
Floor Drains	Each	16		16
Concrete Structures	Cu. Yd.	39.6		39.6
Concrete Superstructure	Cu. Yd.	700.8		700.8
Bridge Deck Grooving	Sq. Yd.	1078		1078
Protective Coat	Sq. Yd.	1413		1413
Reinforcement Bars, Epoxy Coated	Pound	167,090		167,090
Bar Splicers	Each		24	24
Aluminum Railing, Type L	Foot	97		97
Bicycle Railing	Foot	98		98
Parapet Railing	Foot	98		98
Name Plates	Each	1		1
Epoxy Crack Injection	Foot		13	13

FILE NAME = ...\Notes and B.O.M..dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

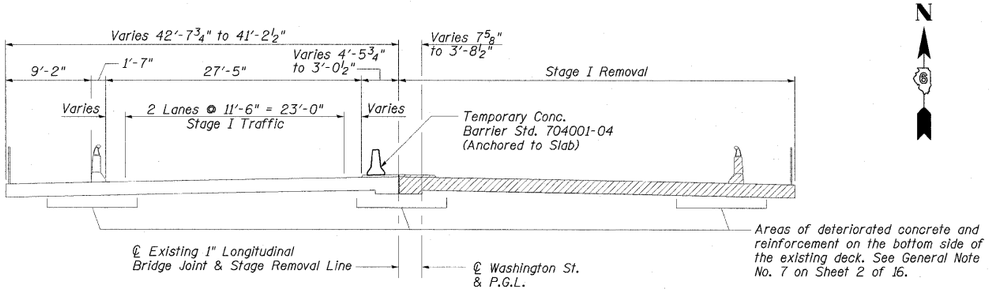
NOTES & BILL OF MATERIAL
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

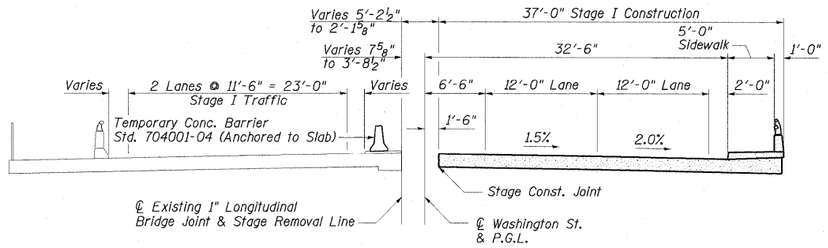
F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	13
		CONTRACT NO. 93485		

FED. ROAD DIST. NO. 6 | ILLINOIS | FED. AID PROJECT

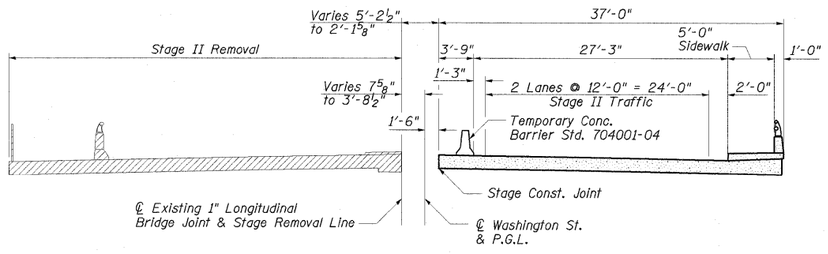
*CITY OF SPRINGFIELD



STAGE I REMOVAL



STAGE I CONSTRUCTION



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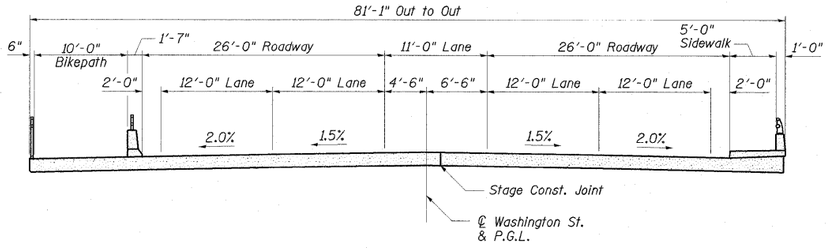
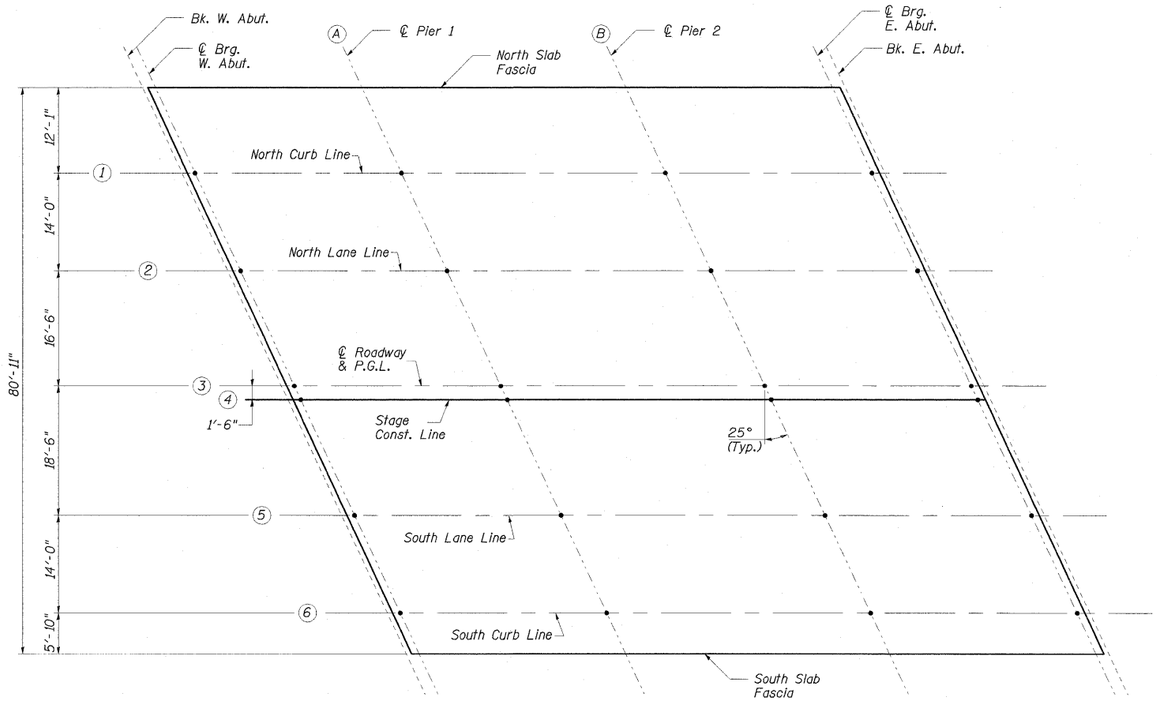


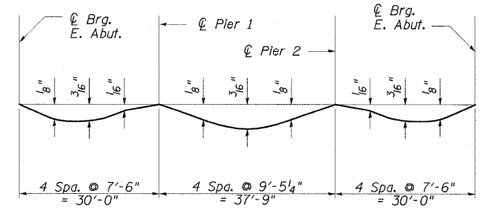
STAGE II CONSTRUCTION



LAYOUT PLAN FOR TOP OF SLAB ELEVATIONS

TOP OF SLAB ELEVATIONS

Location	Point	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
LINE (1) North Curb Line	℄ Brg. W. Abut.	86+32.64	30'-6" Lt.	551.73	551.73
	(A)	86+62.64	30'-6" Lt.	551.73	551.73
	(B)	87+00.39	30'-6" Lt.	551.73	551.73
	℄ Brg. E. Abut.	87+30.39	30'-6" Lt.	551.73	551.73
LINE (2) North Lane Line	℄ Brg. W. Abut.	86+39.17	16'-6" Lt.	552.00	551.76
	(A)	86+69.17	16'-6" Lt.	552.00	551.76
	(B)	87+06.92	16'-6" Lt.	552.00	551.76
	℄ Brg. E. Abut.	87+36.92	16'-6" Lt.	552.00	551.76
LINE (3) ℄ Roadway & P.G.L.	℄ Brg. W. Abut.	86+46.86	℄	552.25	552.25
	(A)	86+76.87	℄	552.25	552.25
	(B)	87+14.62	℄	552.25	552.25
	℄ Brg. E. Abut.	87+44.62	℄	552.25	552.25
LINE (4) Stage Const. Line	℄ Brg. W. Abut.	86+47.56	1'-6" Rt.	552.23	552.23
	(A)	86+77.56	1'-6" Rt.	552.23	552.23
	(B)	87+15.31	1'-6" Rt.	552.23	552.23
	℄ Brg. E. Abut.	87+45.31	1'-6" Rt.	552.23	552.23
LINE (5) South Lane Line	℄ Brg. W. Abut.	86+55.49	18'-6" Rt.	551.97	551.73
	(A)	86+85.49	18'-6" Rt.	551.97	551.73
	(B)	87+23.24	18'-6" Rt.	551.97	551.73
	℄ Brg. E. Abut.	87+53.24	18'-6" Rt.	551.97	551.73
LINE (6) South Curb Line	℄ Brg. W. Abut.	86+62.02	32'-6" Rt.	551.69	551.69
	(A)	86+92.02	32'-6" Rt.	551.69	551.69
	(B)	87+29.77	32'-6" Rt.	551.69	551.69
	℄ Brg. E. Abut.	87+59.77	32'-6" Rt.	551.69	551.69



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown below.

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		DRAWN - GLD	REVISED -
	PLOT SCALE = 8.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

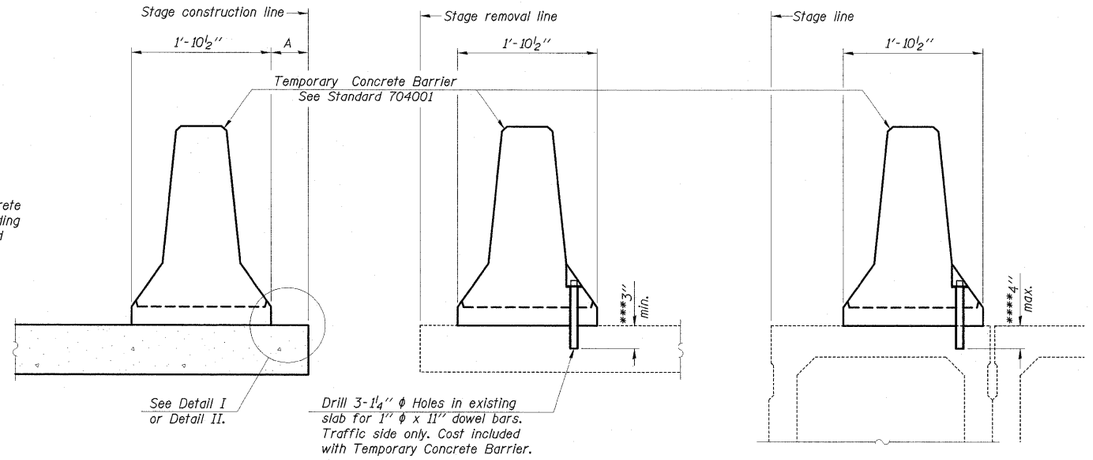
STAGE CONSTRUCTION DETAILS / DECK ELEVATIONS
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	14
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



NEW SLAB | EXISTING SLAB | EXISTING DECK BEAM

SECTIONS THRU SLAB OR DECK BEAM

NOTES

Detail I - With Bar Splicer or Couplers:

Connect one (1) 1"x7"x10" steel ℙ to the top layer of couplers with 2-⅝" ϕ bolts screwed to coupler at approximate ℄ of each barrier panel.

Detail II - With Extended Reinforcement Bars:

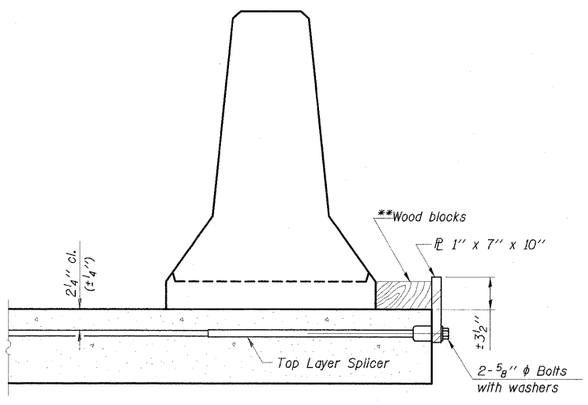
Connect one (1) 1"x7"x10" steel ℙ to the concrete slab or concrete wearing surface with 2-⅝"ϕ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate ℄ of each barrier panel.

Cost of anchorage is included with Temporary Concrete Barrier.

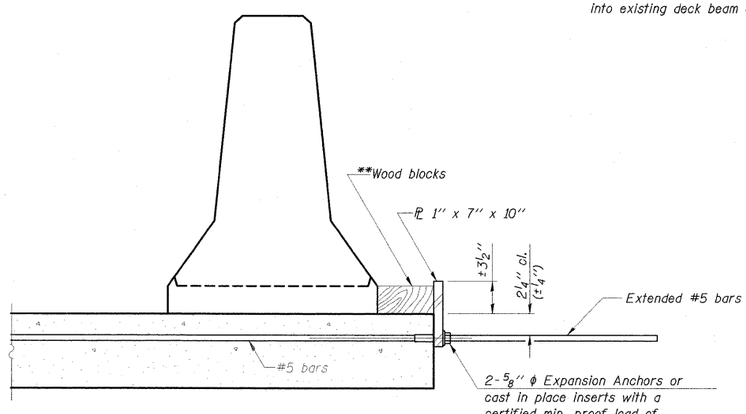
The 1" x 7" x 10" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

***Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

****If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.

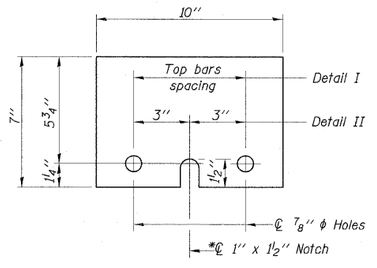


DETAIL I



DETAIL II

**Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.



STEEL RETAINER ℙ 1" x 7" x 10"

*Required only with Detail II

FILE NAME - ...\Conc barrier.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 6.0002 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

TEMPORARY CONCRETE BARRIER
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	15
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD

NORTH CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+02.01	-30.50	*
A	86+12.01	-30.50	*
B	86+22.01	-30.50	*
End W. Appr. Pav't. @ W. Abut.	86+32.01	-30.50	*

NORTH EDGE OF PAVEMENT

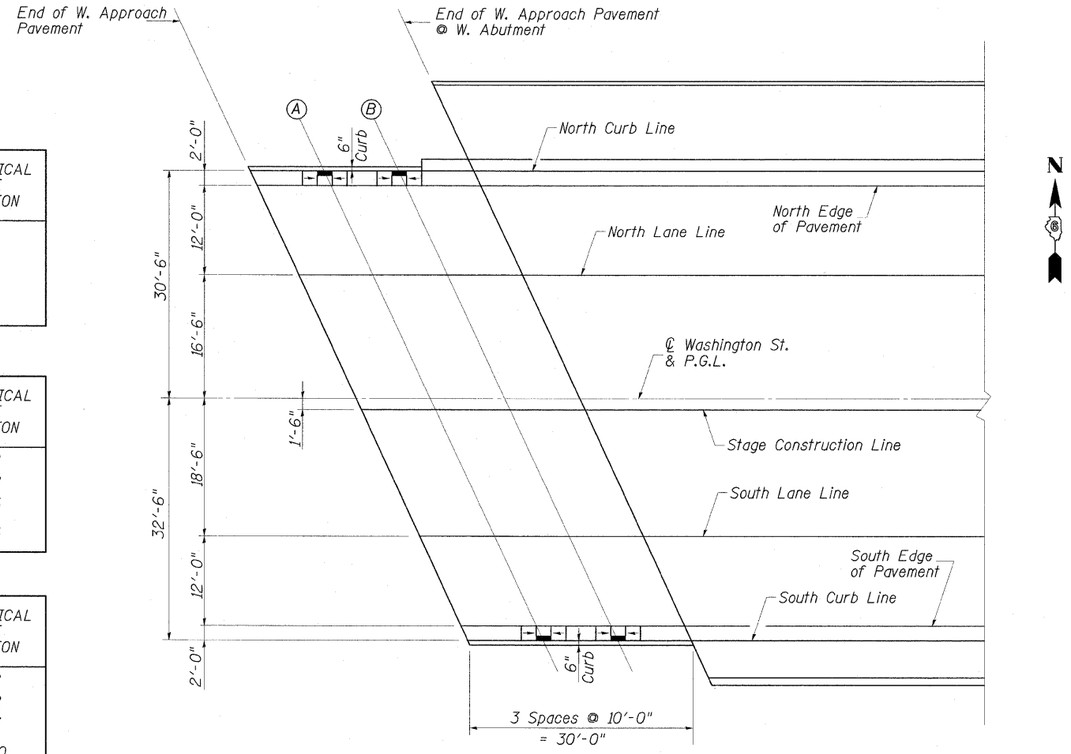
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+02.94	-28.50	551.68
A	86+12.94	-28.50	551.68
B	86+22.94	-28.50	551.75
End W. Appr. Pav't. @ W. Abut.	86+32.94	-28.50	551.76

NORTH LANE LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+08.53	-16.50	551.92
A	86+18.53	-16.50	551.92
B	86+28.53	-16.50	551.97
End W. Appr. Pav't. @ W. Abut.	86+38.53	-16.50	552.00

℄ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+16.23	0	552.25
A	86+26.23	0	552.25
B	86+36.23	0	552.25
End W. Appr. Pav't. @ W. Abut.	86+46.23	0	552.25



LAYOUT PLAN
WEST APPROACH PAVEMENT

* VARY CURB LINE ELEVATION
TO PROVIDE POSITIVE DRAINAGE TO INLET.
CONTRACTOR TO VERIFY EXISTING TIE-IN ELEVATION
AND ADJUST SLOPE OF GUTTER FLAG TO GET POSITIVE DRAINAGE.

STAGE CONSTRUCTION LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+16.93	+1.50	552.23
A	86+26.93	+1.50	552.23
B	86+36.93	+1.50	552.23
End W. Appr. Pav't. @ W. Abut.	86+46.93	+1.50	552.23

SOUTH LANE LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+24.85	+18.50	551.97
A	86+34.85	+18.50	551.97
B	86+44.85	+18.50	551.97
End W. Appr. Pav't. @ W. Abut.	86+54.85	+18.50	551.97

SOUTH EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+30.45	+30.50	551.73
A	86+40.45	+30.50	551.73
B	86+50.45	+30.50	551.73
End W. Appr. Pav't. @ W. Abut.	86+60.45	+30.50	551.73

SOUTH CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End W. Appr. Pav't.	86+31.38	+32.50	*
A	86+41.38	+32.50	*
B	86+51.38	+32.50	*
End W. Appr. Pav't. @ W. Abut.	86+61.38	+32.50	*

FILE NAME = ...\APPROACH PAVEM ELEV_W.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

WEST APPROACH SLAB ELEVATIONS
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION•	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	16
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

•CITY OF SPRINGFIELD

NORTH CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+31.03	-30.50	*
C	87+41.03	-30.50	*
D	87+51.03	-30.50	*
End E. Appr. Pav't.	87+61.03	-30.50	*

NORTH EDGE OF PAVEMENT

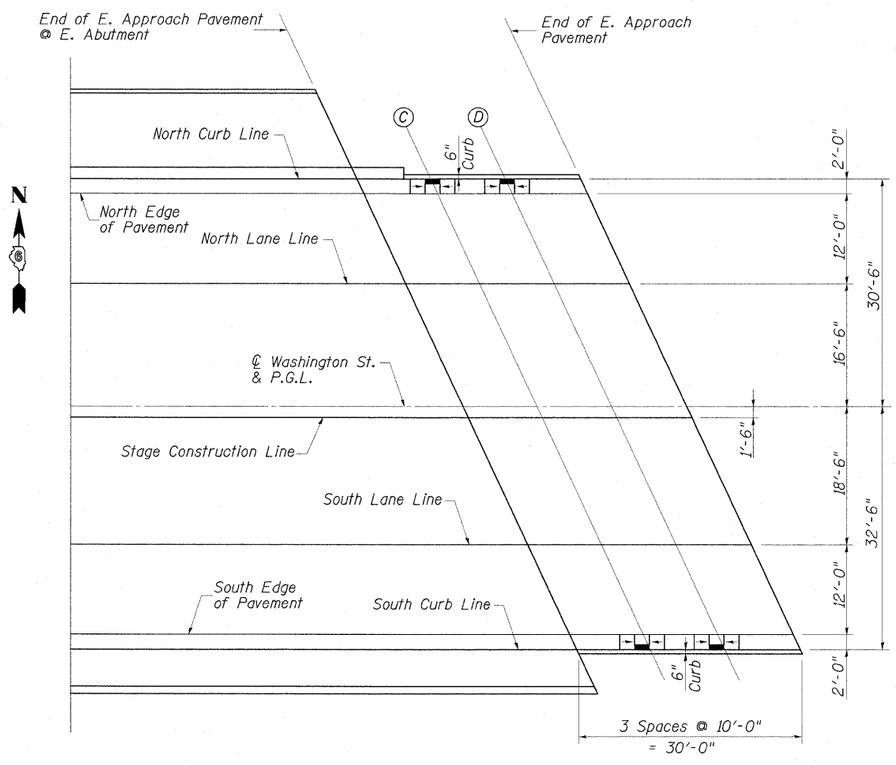
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+31.96	-28.50	551.76
C	87+41.96	-28.50	551.76
D	87+51.96	-28.50	551.76
End E. Appr. Pav't.	87+61.96	-28.50	551.76

NORTH LANE LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+37.55	-16.50	552.00
C	87+47.55	-16.50	552.00
D	87+57.55	-16.50	552.00
End E. Appr. Pav't.	87+67.55	-16.50	552.00

℄ ROADWAY & P.G.L.

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+45.25	0	552.25
C	87+55.25	0	552.25
D	87+65.25	0	552.25
End E. Appr. Pav't.	87+75.25	0	552.25



LAYOUT PLAN
EAST APPROACH PAVEMENT

* VARY CURB LINE ELEVATION
TO PROVIDE POSITIVE DRAINAGE TO INLET.
CONTRACTOR TO VERIFY EXISTING TIE-IN ELEVATION
AND ADJUST SLOPE OF GUTTER FLAG TO GET POSITIVE DRAINAGE.

STAGE CONSTRUCTION LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+45.95	+1.50	552.23
C	87+55.95	+1.50	552.23
D	87+65.95	+1.50	552.22
End E. Appr. Pav't.	87+75.95	+1.50	552.22

SOUTH LANE LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+53.88	+18.50	551.97
C	87+63.88	+18.50	551.94
D	87+73.88	+18.50	551.88
End E. Appr. Pav't.	87+83.88	+18.50	551.92

SOUTH EDGE OF PAVEMENT

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+59.47	+30.50	551.58
C	87+69.47	+30.50	551.58
D	87+79.47	+30.50	551.60
End E. Appr. Pav't.	87+89.47	+30.50	551.65

SOUTH CURB LINE

LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEVATION
End E. Appr, Pav't. @ E. Abut.	87+60.40	+32.50	*
C	87+70.40	+32.50	*
D	87+80.40	+32.50	*
End E. Appr. Pav't.	87+90.40	+32.50	*

FILE NAME = ...\APPROACH PAVEM ELEV_E.dgn	USER NAME = Brad Downen	DESIGNED - BJD	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

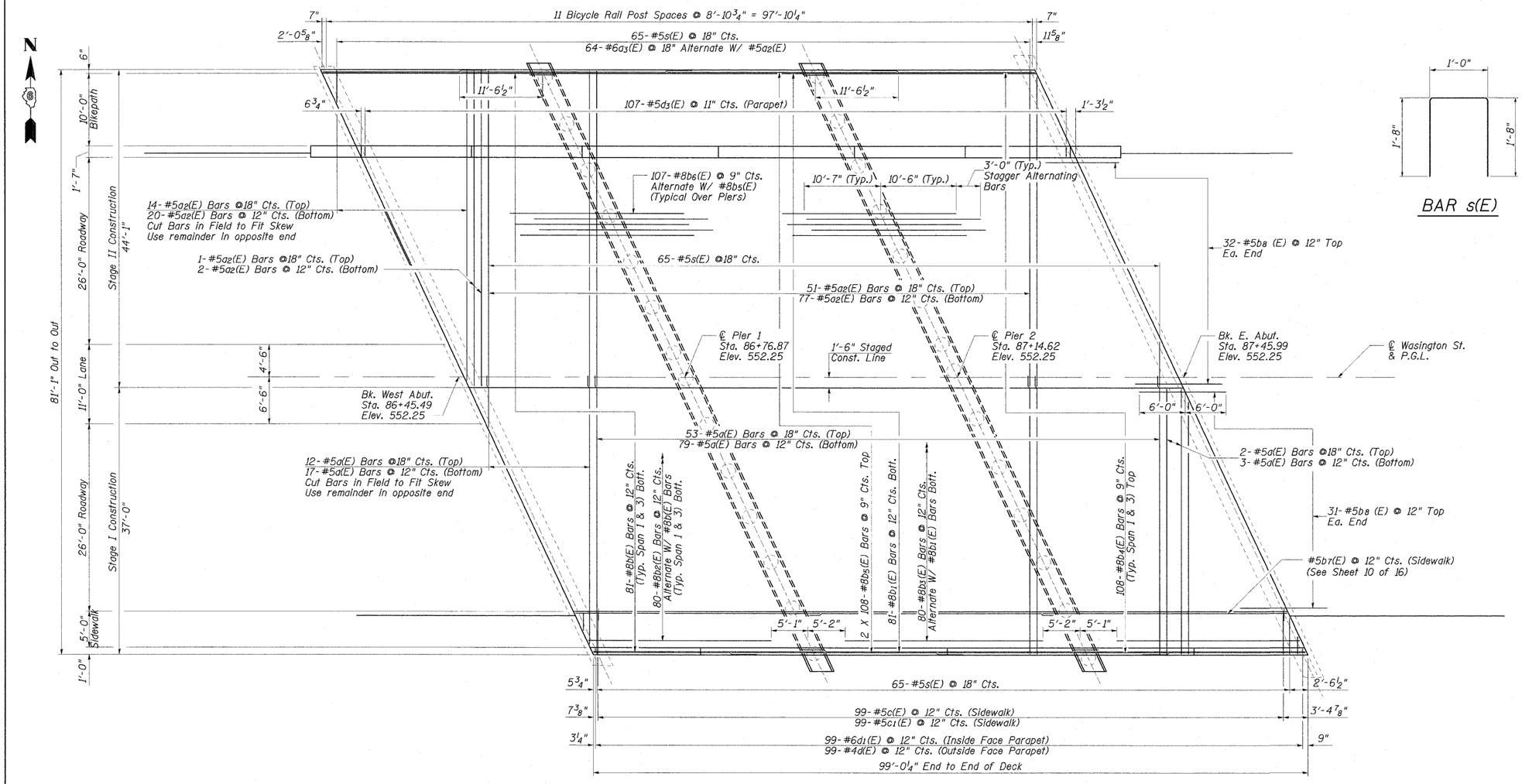
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

EAST APPROACH SLAB ELEVATIONS
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

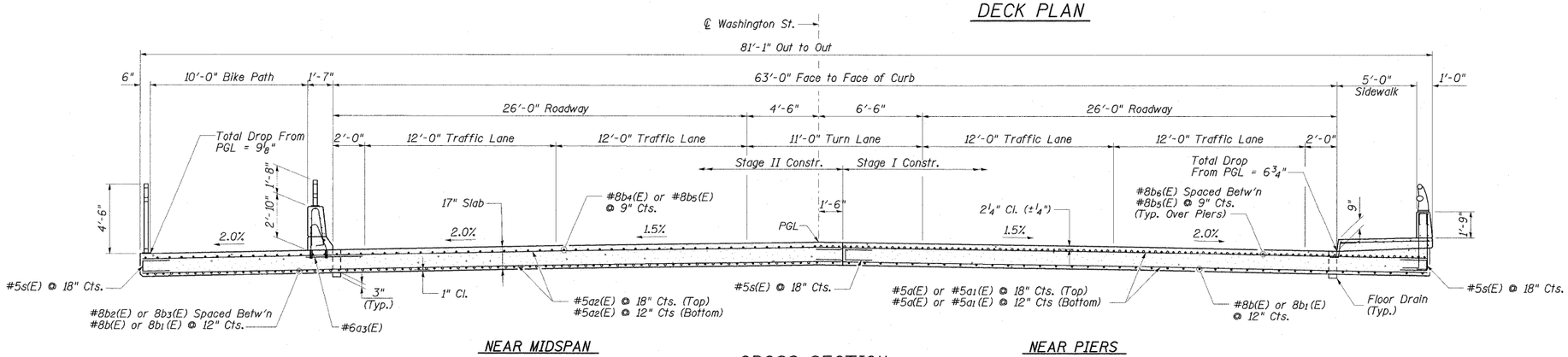
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION•	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	17
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

•CITY OF SPRINGFIELD



DECK PLAN



NEAR MIDSPAN — NEAR PIERS

CROSS SECTION

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	166	#5	38'-6"	
a2(E)	165	#5	43'-10"	
a3(E)	64	#6	6'-0"	
a4(E)	12	#6	40'-7"	
a5(E)	12	#6	48'-5"	
b(E)	162	#8	32'-9"	
b1(E)	81	#8	42'-3"	
b2(E)	160	#8	25'-4"	
b3(E)	80	#8	27'-5"	
b4(E)	216	#8	23'-5"	
b5(E)	216	#8	32'-8"	
b6(E)	214	#8	21'-1"	
b7(E)	21	#5	34'-0"	
b8(E)	126	#5	12'-0"	
c(E)	99	#5	2'-5"	
c1(E)	99	#5	5'-7"	
d(E)	99	#4	4'-4"	
d1(E)	99	#6	4'-8"	
d2(E)	20	#4	2'-0"	
d3(E)	107	#5	4'-8"	
d4(E)	107	#5	5'-7"	
d5(E)	24	#5	3'-1"	
e(E)	52	#4	14'-10"	
e1(E)	26	#4	18'-4"	
e2(E)	2	#8	30'-2"	
e3(E)	1	#8	37'-3"	
e4(E)	4	#4	6'-4"	
e5(E)	4	#4	2'-2"	
e6(E)	4	#4	4'-3"	
e7(E)	4	#4	6'-8"	
e8(E)	2	#4	30'-2"	
e9(E)	1	#4	37'-3"	
h (E)	6	#5	1'-9"	
h1(E)	6	#5	0'-8"	
h2(E)	6	#5	2'-5"	
h3(E)	6	#5	3'-7"	
p(E)	16	#8	26'-8"	
p1(E)	8	#5	25'-8"	
p2(E)	16	#8	23'-5"	
p3(E)	8	#5	22'-5"	
s(E)	195	#5	4'-4"	
s1(E)	476	#5	6'-10"	
s2(E)	2	#4	1'-11"	
s3(E)	176	#5	4'-7"	
u(E)	16	#6	7'-4"	
v(E)	10	#5	5'-0"	
Reinforcement Bars, Epoxy Coated		Pound	115,290	
Concrete Superstructure		Cu. Yd.	495.5	
Bridge Deck Grooving		Sq. Yd.	671	
Protective Coat		Sq. Yd.	975	
Bar Splicers		Each	24	

MIN. BAR LAPS

#5 Bar = 1'-8"

#8 Bar = 4'-6"

NOTES:

1. Reinforcement Bars Designated (E) Shall be Epoxy Coated.
2. See Sheet 15 of 16 For Pier Cap Details
3. See Sheet 10 & 11 of 16 For Parapet Details
4. Work this Sheet with Sheets 14 and 15 of 16, for reinforcement at pier cap and abutment.

FILE NAME = ...\Superstructure.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 8.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

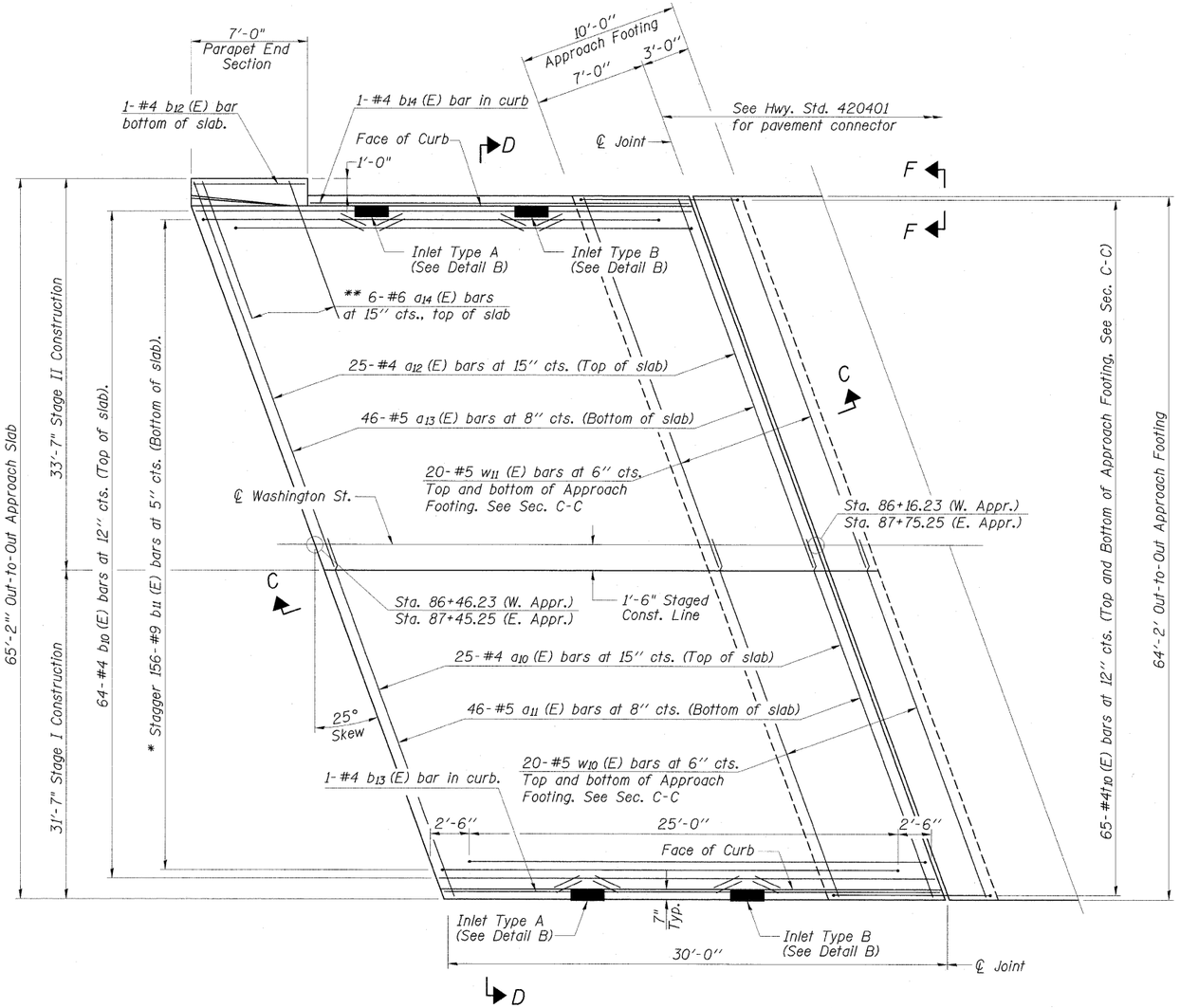
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

SUPERSTRUCTURE
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

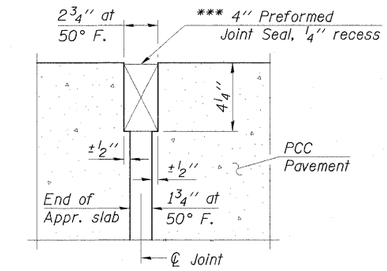
F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	18
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD



PLAN

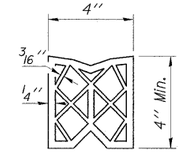
* Tilt #9b11(E) bars as required to maintain clearance.
** Alternate with a10 (E) bars.



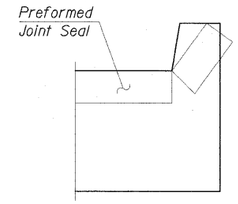
RIGID PAVEMENT

DETAIL A

*** Cost included with Concrete Superstructure.



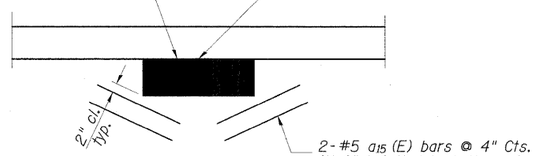
PREFORMED JOINT SEAL



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs when req'd for drainage.

*** 1" Preformed Self Expanding Cork Joint Filler between approach slab and inlet interface.



DETAIL B

*** Cost included with Concrete Superstructure.

MIN. BAR LAPS

#4 Bar = 1'-4"

#5 Bar = 1'-8"

NOTES:

1. See sheet 9 of 16 for Sections C-C & D-D. a10 (E), a11 (E), a12 (E), a13 (E), w10 (E) and w11 (E) bar spacings measured perpendicular to ℄ Rdwy.
2. See Sheet 11 of 16 For Parapet End Section Details.
3. See Sheet 10 of 28 (Roadway Plans) For Drainage Details.

FILE NAME = ...\App Slab Details 1.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

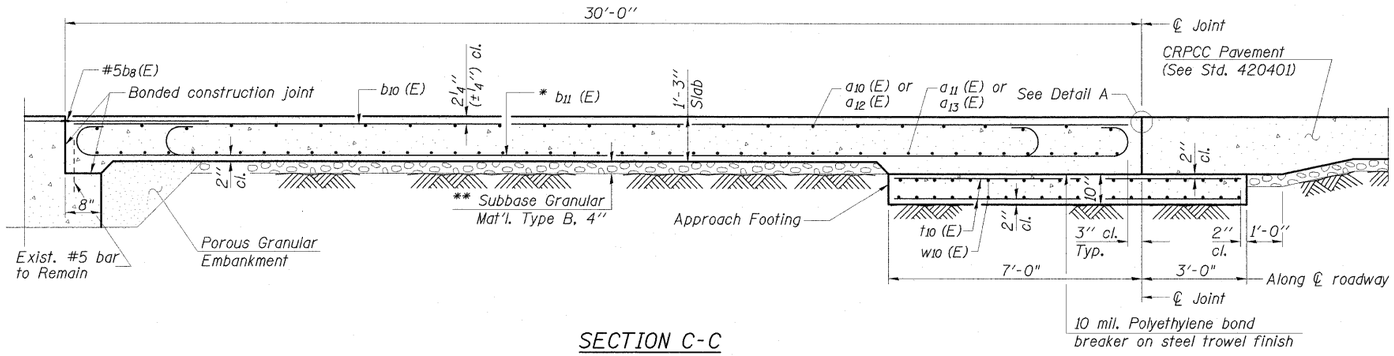
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

BRIDGE APPROACH SLAB DETAILS 1
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	19
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

• CITY OF SPRINGFIELD

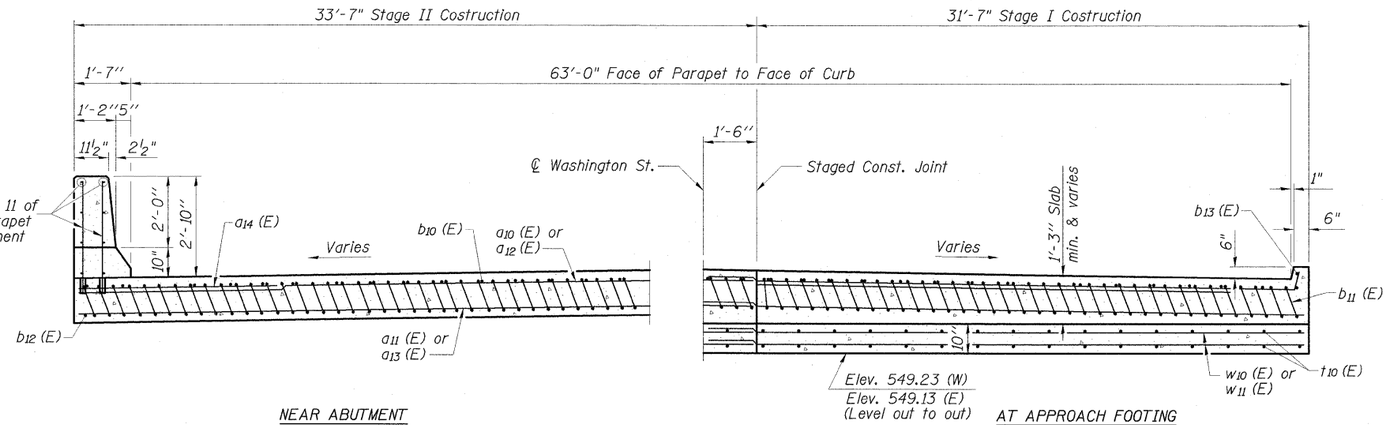


SECTION C-C

* Tilt #9 b_{11} (E) bars as required to maintain clearance.
** Cost included with Concrete Superstructure.

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_{10} (E)	50	#4	36'-9"	
a_{11} (E)	92	#5	36'-6"	
a_{12} (E)	50	#4	36'-10"	
a_{13} (E)	92	#5	36'-10"	
a_{14} (E)	12	#6	6'-0"	
a_{15} (E)	32	#5	1'-6"	
b_{10} (E)	128	#4	29'-8"	
b_{11} (E)	312	#9	29'-9"	
b_{12} (E)	2	#4	6'-8"	
b_{13} (E)	2	#4	29'-6"	
b_{14} (E)	2	#4	22'-6"	
t_{10} (E)	260	#4	10'-8"	
w_{10} (E)	80	#5	36'-6"	
w_{11} (E)	80	#5	36'-10"	
Bridge Deck Grooving		Sq. Yd.	407	
Protective Coat		Sq. Yd.	438	
Structure Excavation		Cu. Yd.	97	
Concrete Superstructure		Cu. Yd.	205.3	
Concrete Structures		Cu. Yd.	39.6	
Reinforcement Bars, Epoxy Coated		Pound	51,800	

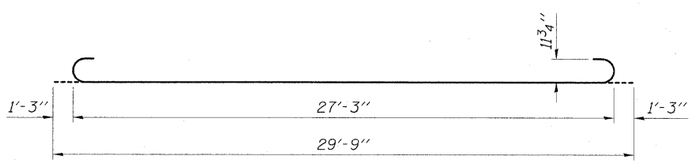


NEAR ABUTMENT

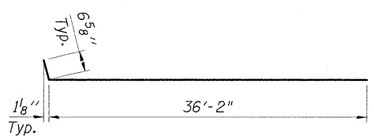
AT APPROACH FOOTING

SECTION D-D

(See Plan for dimensions not shown)



BAR b_{11} (E)



BAR a_{10} (E)

NOTES:

1. See sheet 8 of 16 for Detail A.
2. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
3. Approach footing concrete shall be paid for as Concrete Structures.
4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
5. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
6. Cost of excavation for approach footing included with Concrete Structures.
7. For drainage treatment details, see sheet 10 of 28 (Roadway Plans).

FILE NAME = ...\App Slab Details 2.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

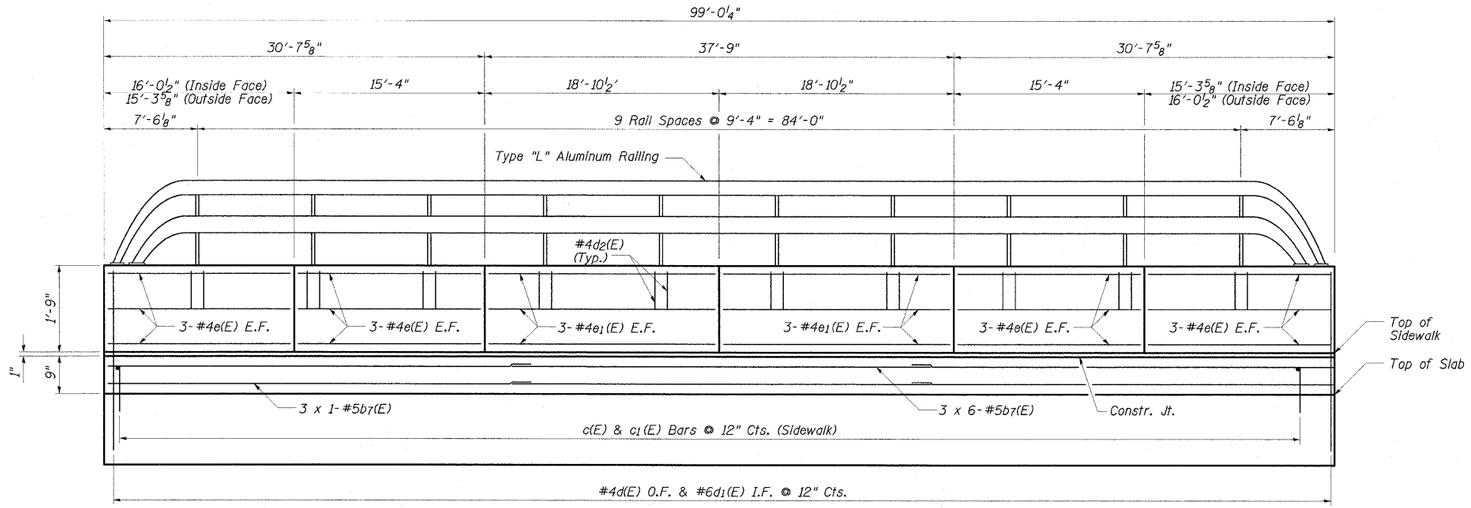
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

BRIDGE APPROACH SLAB DETAILS 2
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

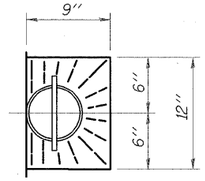
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	20
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

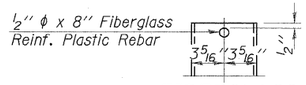
• CITY OF SPRINGFIELD



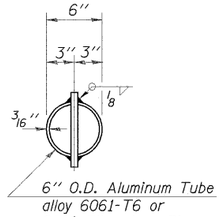
INSIDE ELEVATION OF SOUTH PARAPET



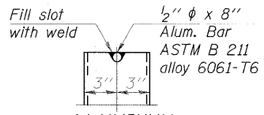
TOP PLAN



FIBERGLASS PIPE

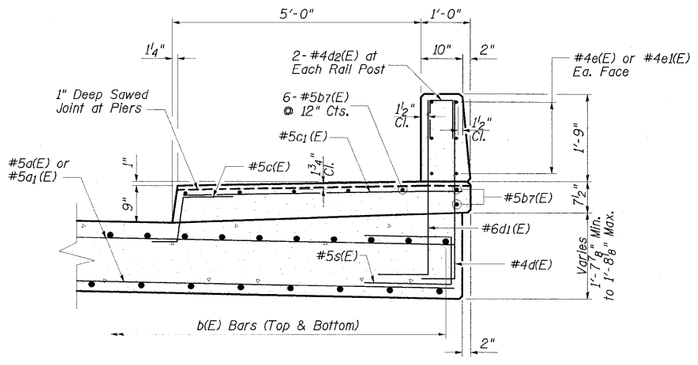


TOP PLAN
(Showing Aluminum Tube)

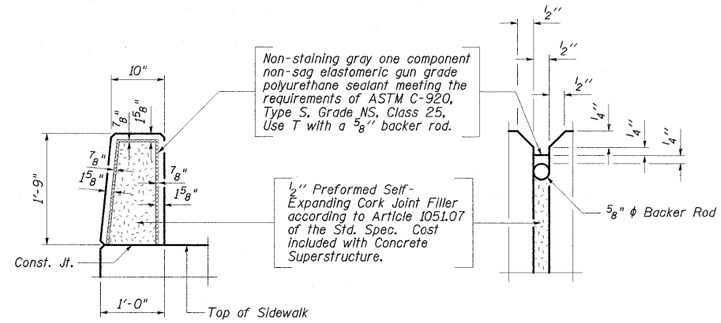


ALUMINUM TUBE

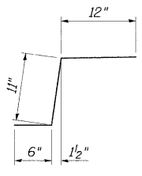
FLOOR DRAIN DETAILS



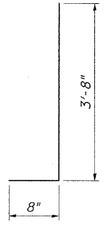
SECTION THRU SIDEWALK



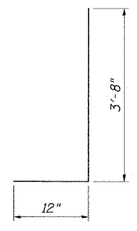
PARAPET JOINT DETAILS



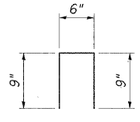
BAR c(E)



BAR d(E)



BAR d1(E)



BAR d2(E)

NOTES:

1. Reinforcement Bars Shall Not Pass Thru Aluminum Sheets and Cork Joint Filler.

SHEET 10 OF 16 SHEETS

FILE NAME = ...\Parapet 1.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 6.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

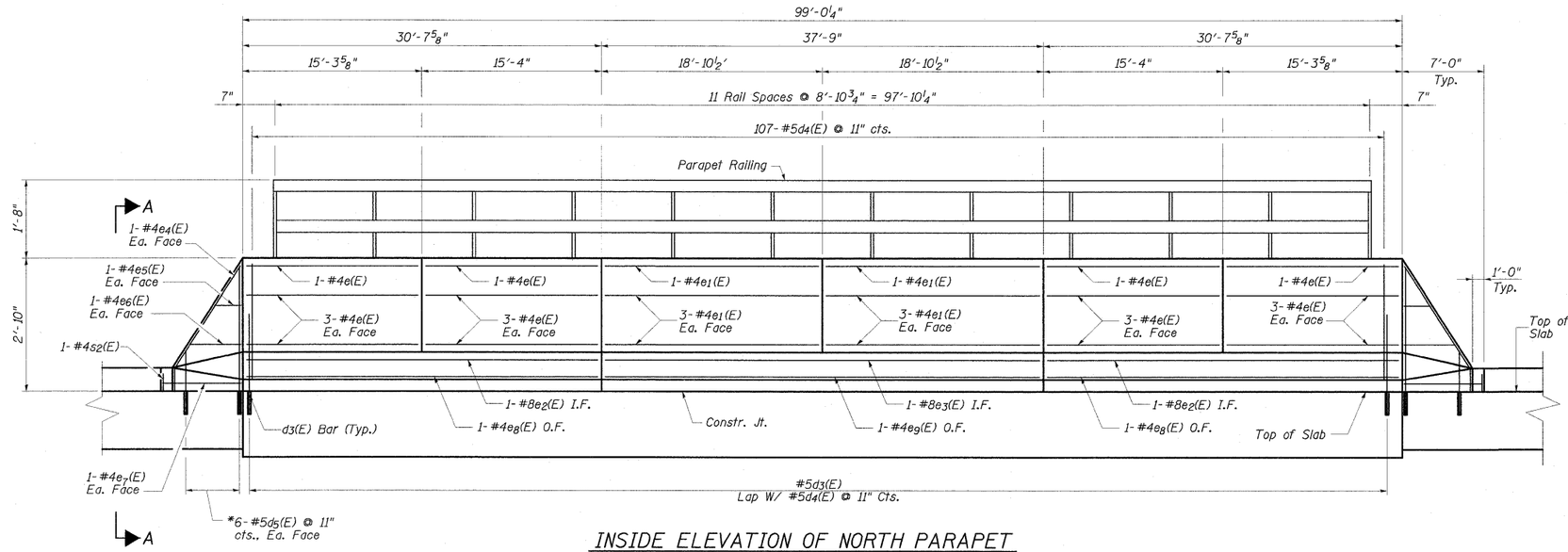
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

PARAPET DETAILS 1
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

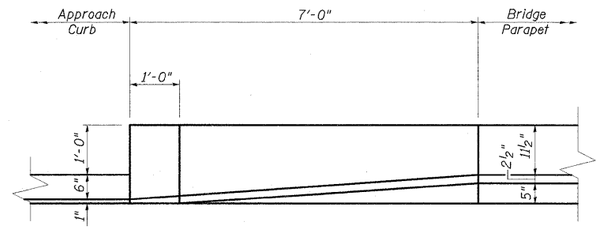
F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	21
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD

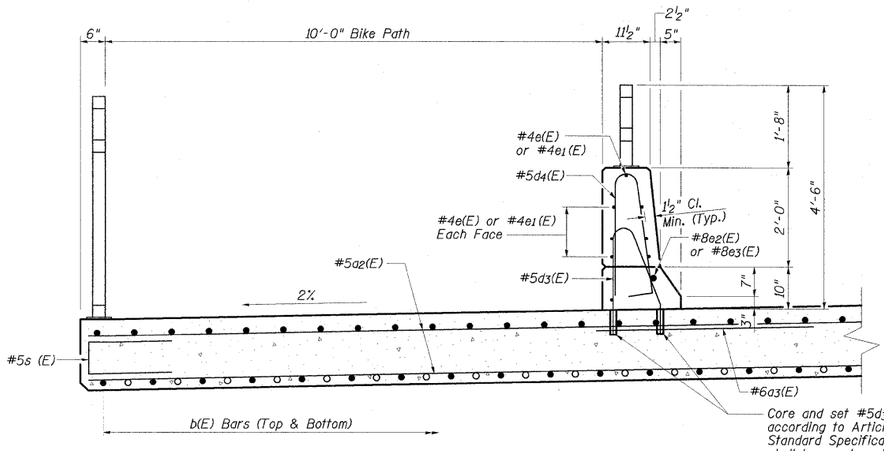


INSIDE ELEVATION OF NORTH PARAPET

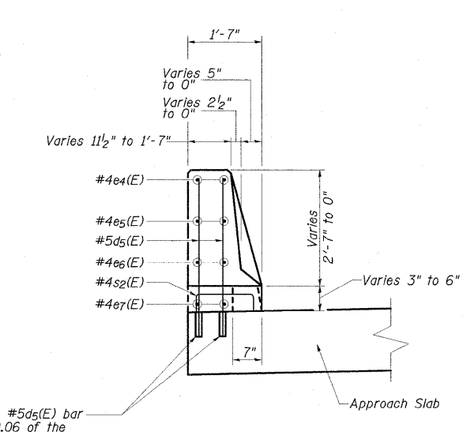
*Cut to Fit in the Field



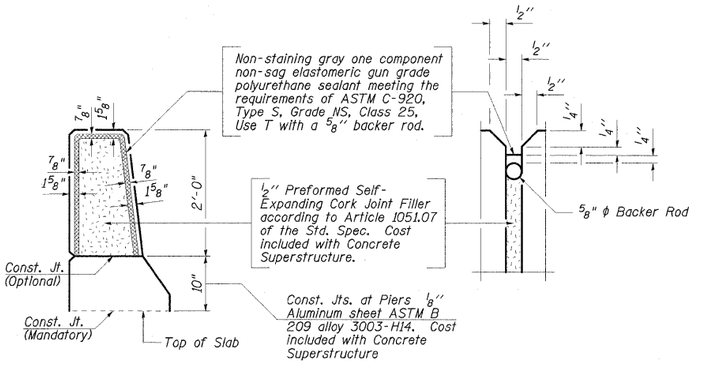
PLAN - PARAPET END SECTION



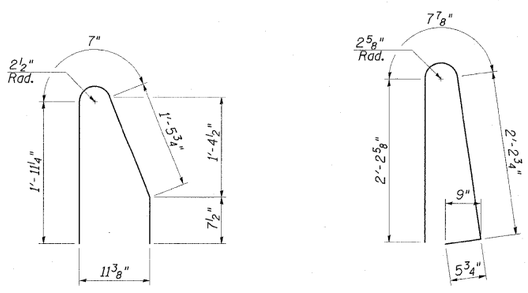
SECTION THRU PARAPET



SECTION A-A

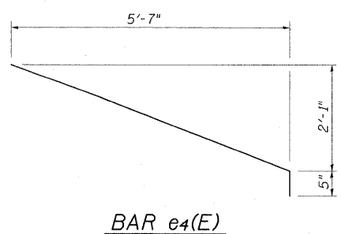


PARAPET JOINT DETAILS

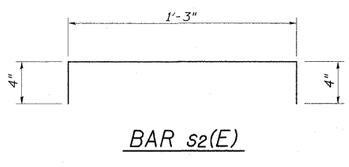


BAR d3(E)

BAR d4(E)



BAR e4(E)



BAR s2(E)

NOTES:

1. Reinforcement Bars Shall Not Pass Thru Aluminum Sheets and Cork Joint Filler.

SHEET 11 OF 16 SHEETS

FILE NAME = ...\Parapet II.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 6.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

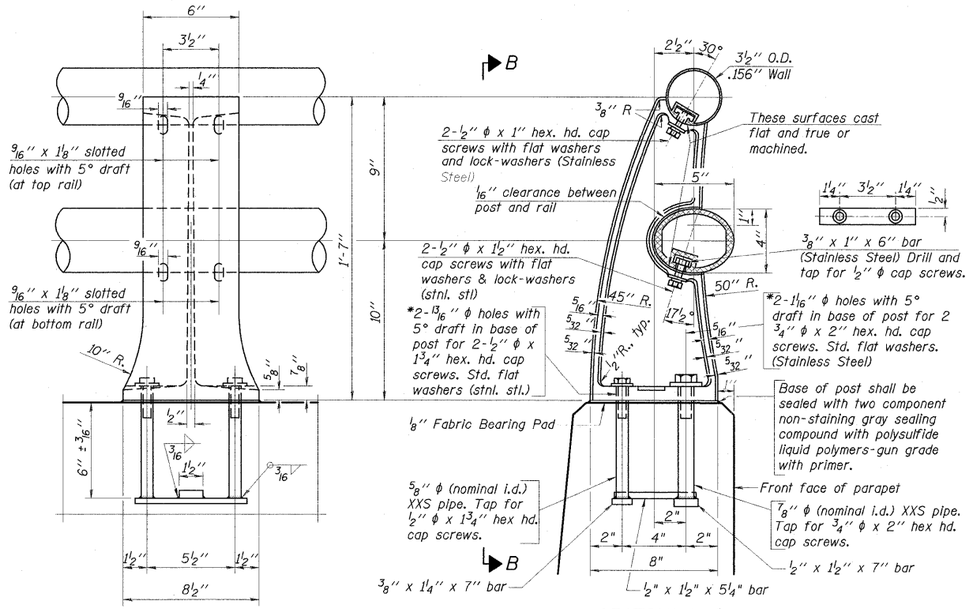
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

PARAPET DETAILS 2
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	22
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD

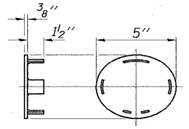


VIEW B-B

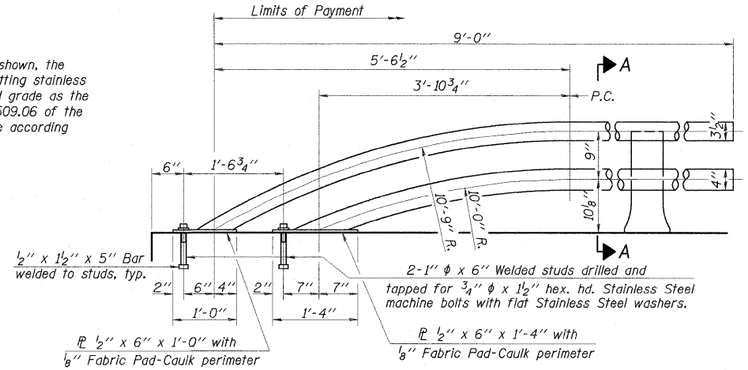
SECTION A-A

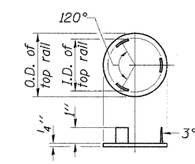
RAIL POST DETAILS

*In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

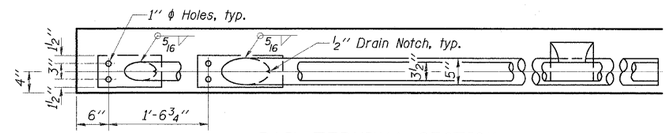


CAST END CAP
For bottom rail
DRIVE FIT TYPE

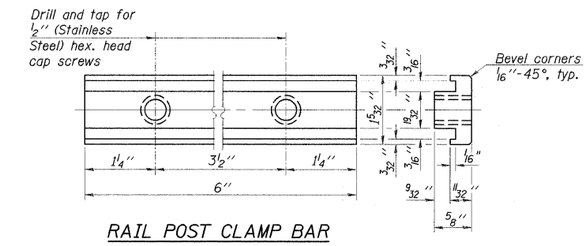




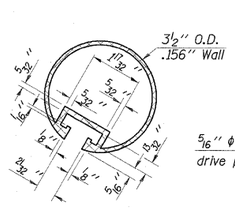
CAST END CAP
For top rail



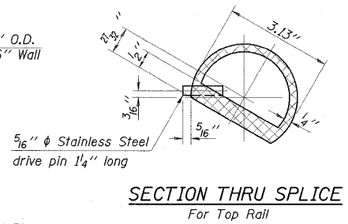
RAIL TERMINAL SECTION



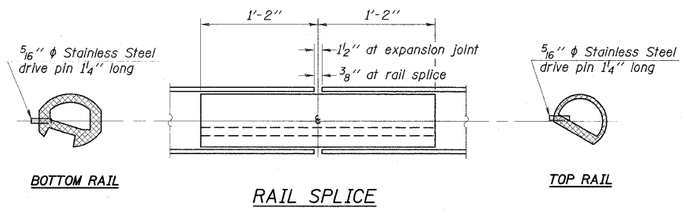
RAIL POST CLAMP BAR
For Top Rail



SECTION THRU TOP RAIL



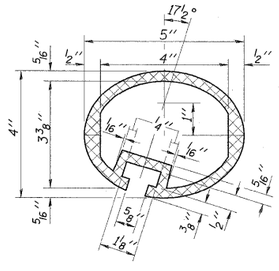
SECTION THRU SPLICE
For Top Rail



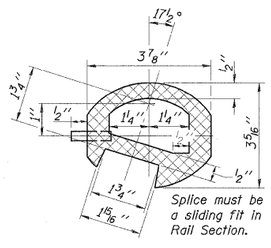
BOTTOM RAIL

RAIL SPLICE

TOP RAIL



SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE

Notes:
All Posts shall be normal to parapet.
All joints in rail shall be spliced per detail.
All exposed rail ends shall be capped per detail.
Provide 1-⅛" and 2-1/16" Aluminum Shims for 25% of the Posts. Rail elements shall be parallel to Grade-high spots will be ground and low spots shimmed.
See sheet 10 of 16 for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	97

FILE NAME = ...\Type L Railing.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

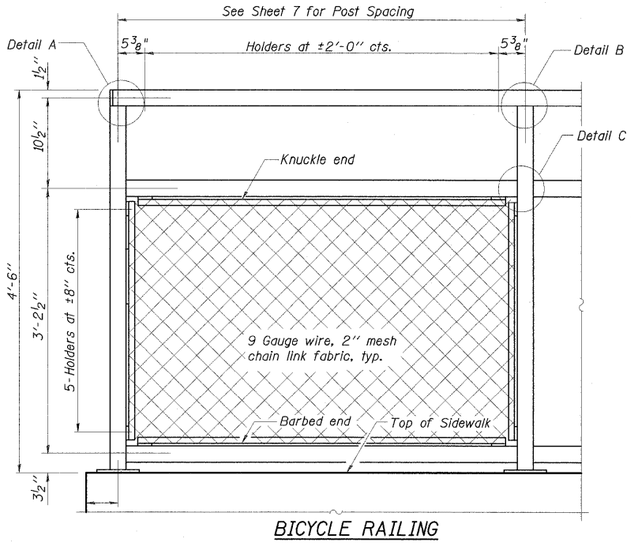
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

ALUMINUM RAILING, TYPE L DETAILS
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

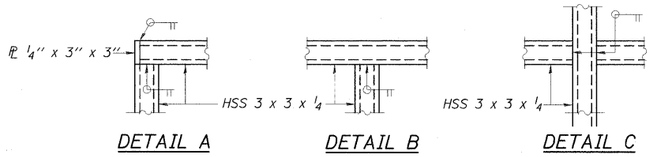
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	23
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

• CITY OF SPRINGFIELD

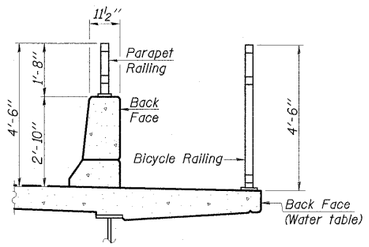


BICYCLE RAILING

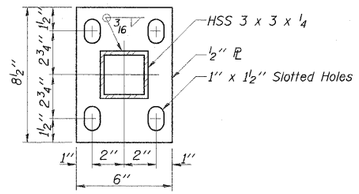


DETAIL A DETAIL B DETAIL C

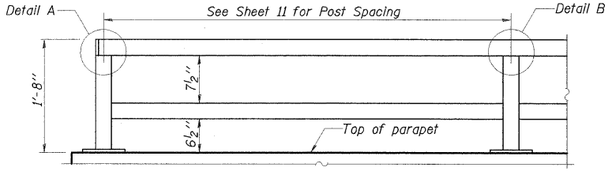
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



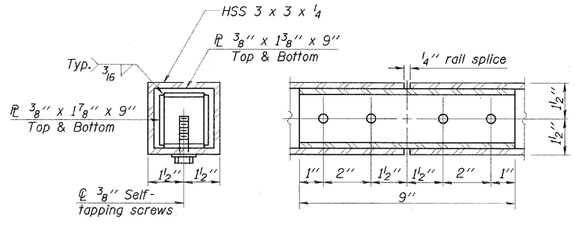
SECTION THRU DECK



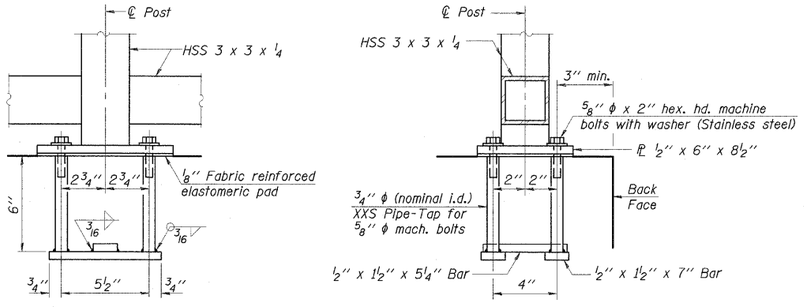
BASE PL



PARAPET RAILING ELEVATION
(Inside Face of Two Element Rail)



RAIL SPLICE



ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

BILL OF MATERIAL

Item	Unit	Quantity
Bicycle Railing	Foot	98
Parapet Railing	Foot	98

FILE NAME = ...\Bicycle Railing.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

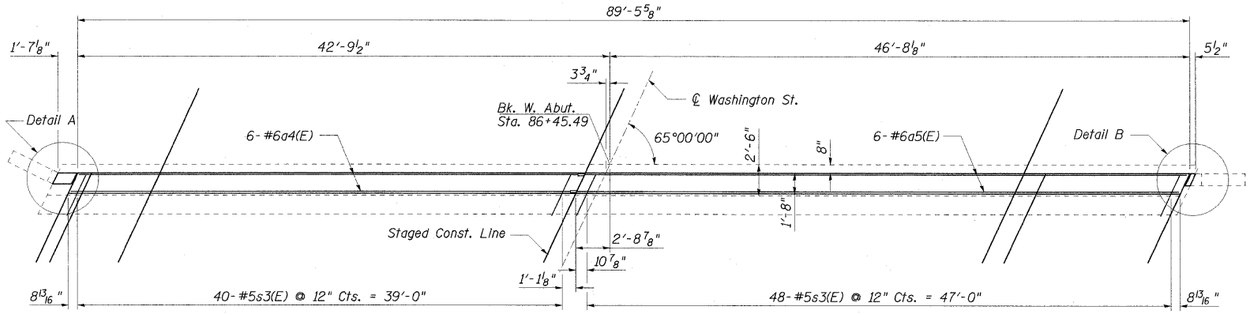
BICYCLE RAILING DETAILS
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

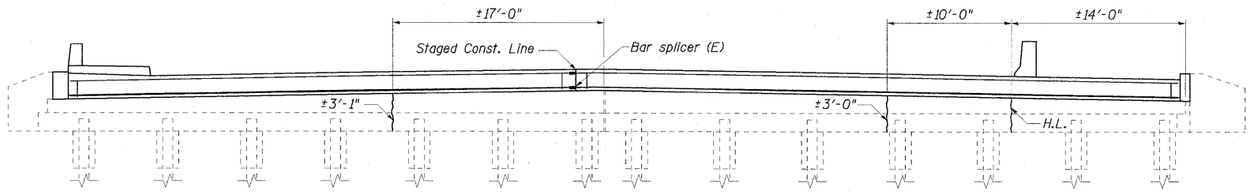
F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	24
		CONTRACT NO. 93485		

FED. ROAD DIST. NO. 6 | ILLINOIS FED. AID PROJECT

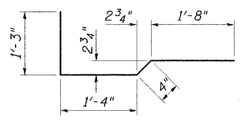
• CITY OF SPRINGFIELD



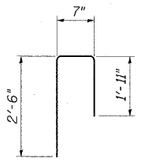
WEST ABUTMENT PLAN



ELEVATION



BAR s3(E)

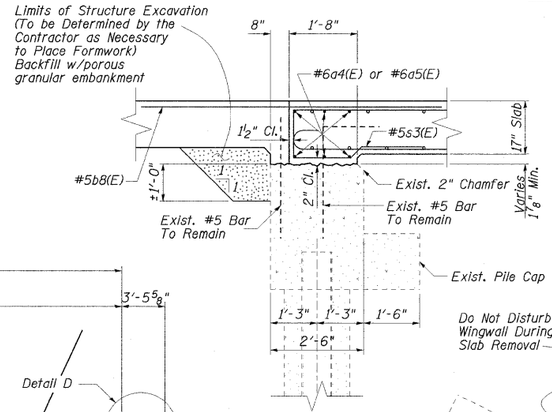


BAR v(E)

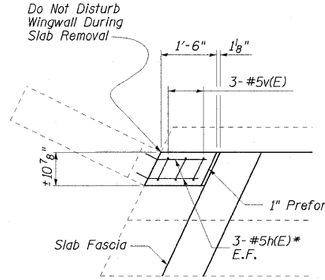
LEGEND

±3'-0" — Epoxy Crack Sealing

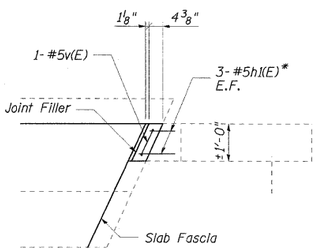
H.L. — Hairline Crack - Not to be Sealed



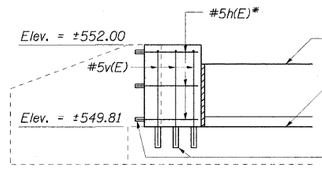
SECTION THRU ABUTMENT



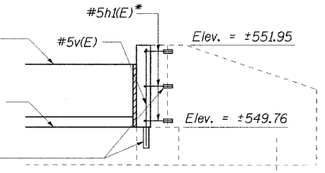
PLAN



PLAN



ELEVATION
DETAIL A



ELEVATION
DETAIL B

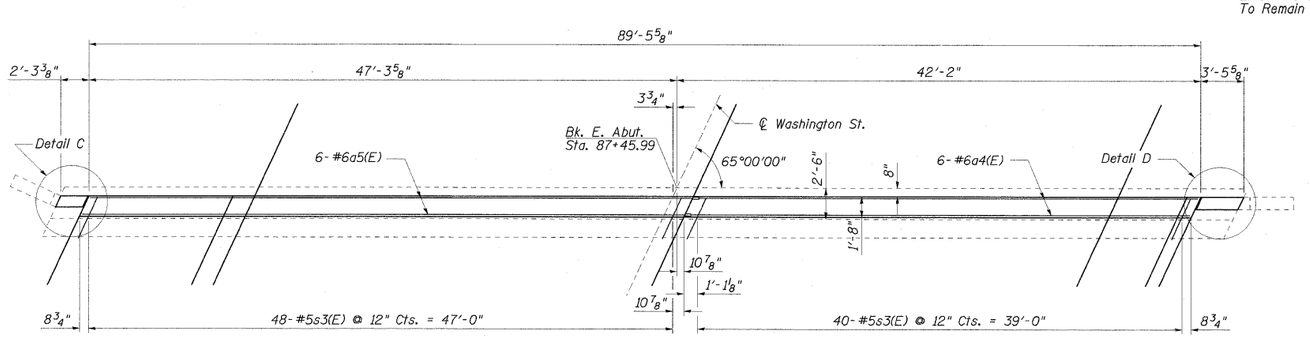
*Bent to fit in field

BILL OF MATERIAL

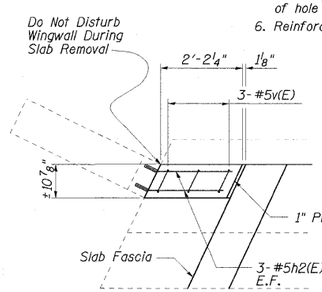
Porous Granular Embankment	Cu. Yd.	18
Structure Excavation	Cu. Yd.	21
Epoxy Crack Injection	Foot	13

NOTES:

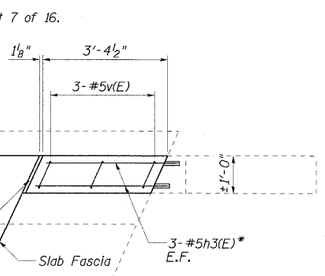
1. Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.
2. Remove Exist. #5 Bars Outside of Approach Pavement Limits.
3. Crack Widths Are ±1/8" Unless Otherwise Noted.
4. See Sheet 7 of 16 For Superstructure Details
5. Core and set #5 bars according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of hole shall not exceed 6".
6. Reinforcement billed on Sheet 7 of 16.



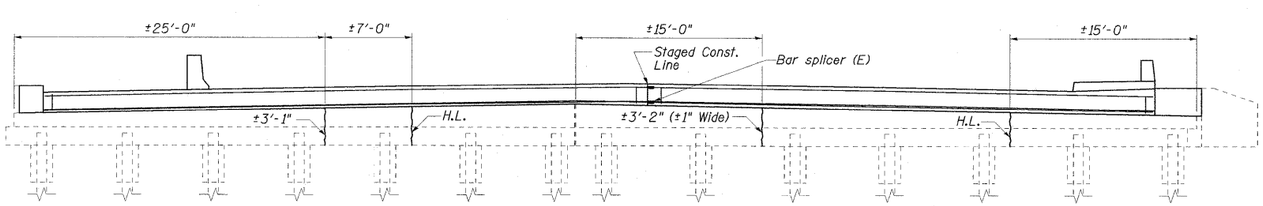
EAST ABUTMENT PLAN



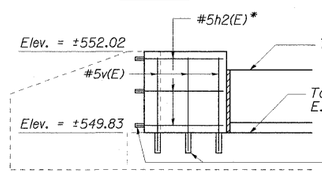
PLAN



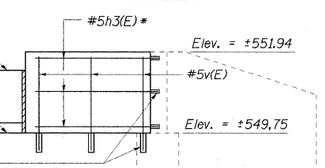
PLAN



ELEVATION



ELEVATION
DETAIL C



ELEVATION
DETAIL D

SHEET 14 OF 16 SHEETS

FILE NAME = ...\E & W Abut.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 6.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

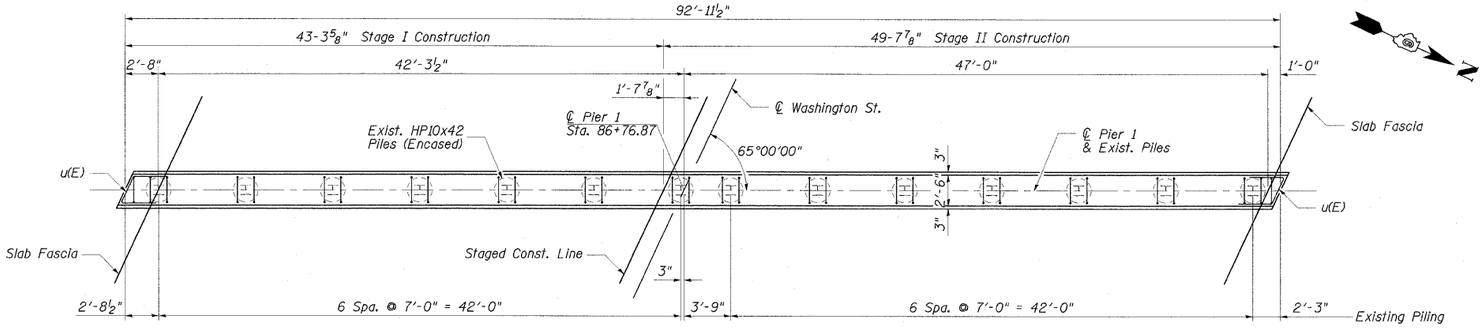
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

EAST & WEST ABUTMENT
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

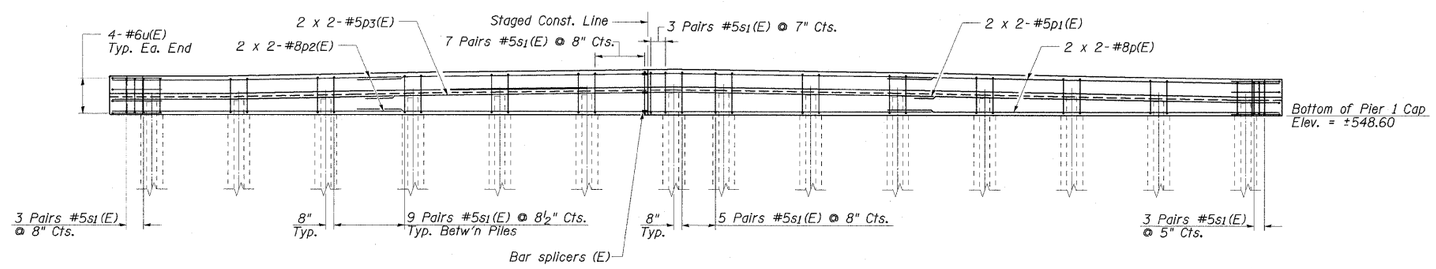
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	25
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS FED. AID PROJECT			

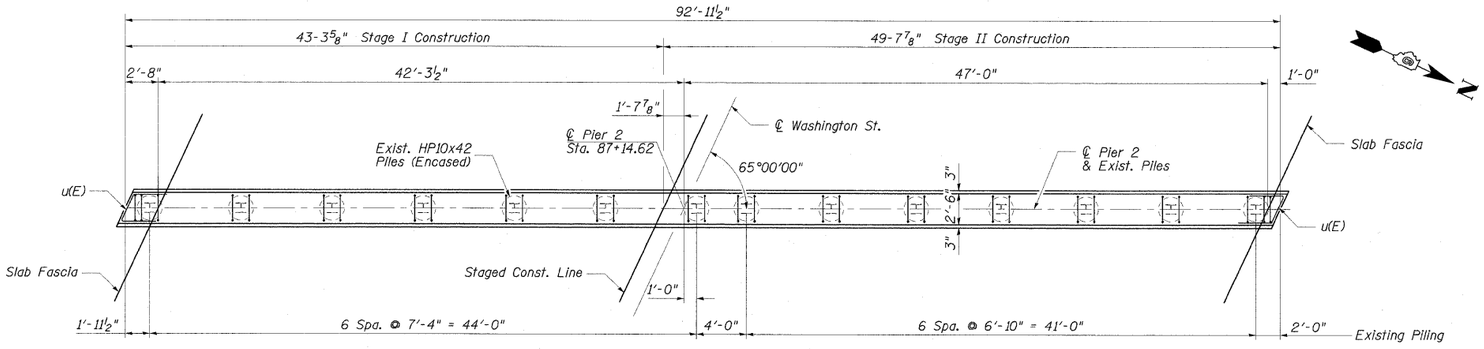
• CITY OF SPRINGFIELD



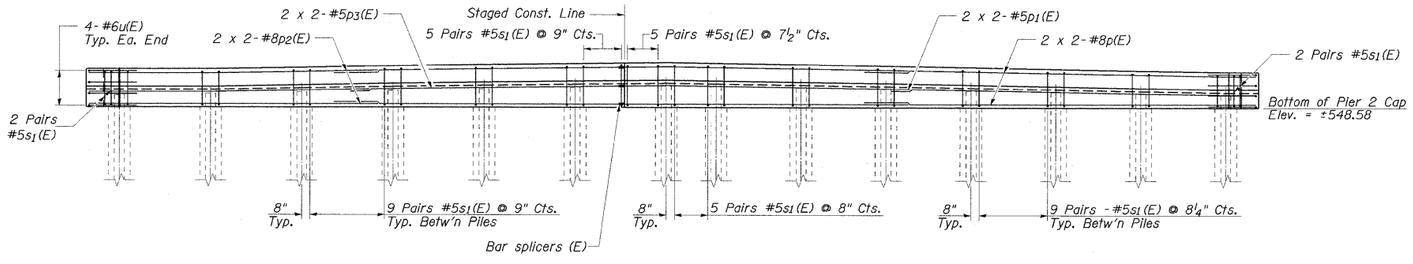
PIER 1 PLAN



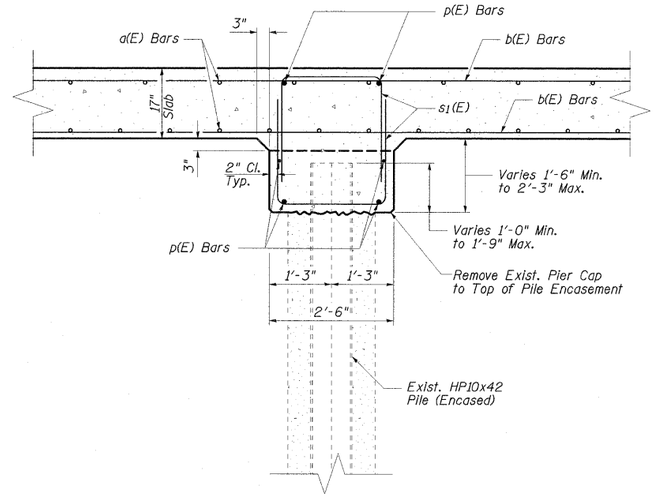
PIER 1 ELEVATION



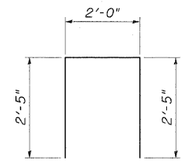
PIER 2 PLAN



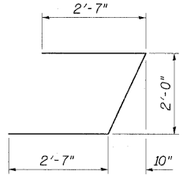
PIER 2 ELEVATION



SECTION THRU PIER



BAR s1(E)



BAR u1(E)

MIN. BAR LAP

#5 Bar = 1'-8"

#8 Bar = 3'-8"

NOTES:

1. Pour Pier Cap Monolithically With Slab.
2. See Sheet 7 of 16 For Superstructure Details
3. Reinforcement is billed with Superstructure on Sheet 7 of 16.

SHEET 15 OF 16 SHEETS

FILE NAME = ...\Pier 1 &2.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 6.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

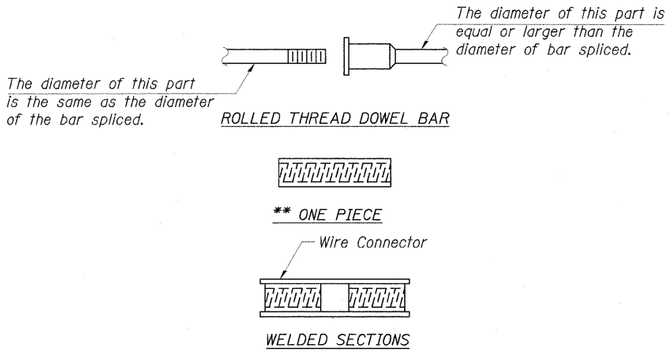
CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

PIER 1 & 2
STATION 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

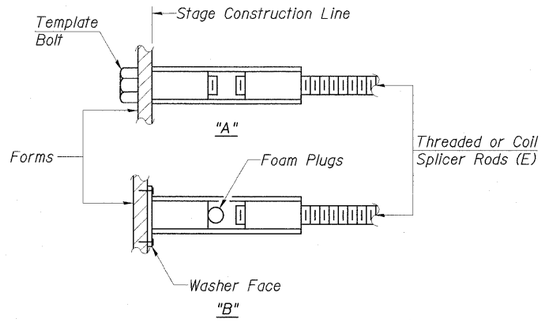
F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	26
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD



BAR SPLICER ASSEMBLY ALTERNATIVES

**Heavy Hex Nuts conforming to ASTM A 563, Grade C, D or DH may be used.



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.

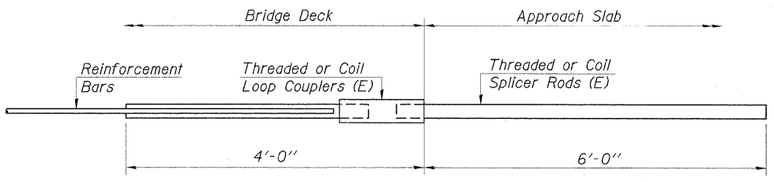
NOTES

Bar splicer assemblies shall be of an approved type and shall develop in tension at least 125 percent of the yield strength of the lapped reinforcement bars.
Splicer rods shall be of minimum 60 ksi yield strength, threaded or coiled full length.
All reinforcement bars shall be lapped and tied to the splicer rods or dowel bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars.
Other systems of similar design may be submitted to the Engineer for approval. Approval shall be based on certified test results from an approved testing laboratory that the proposed bar splicer assembly satisfies the following requirements:

① Minimum Capacity (Tension in kips) = 1.25 x fy x A_t
② Minimum *Pull-out Strength (Tension in kips) = 0.66 x fy x A_t

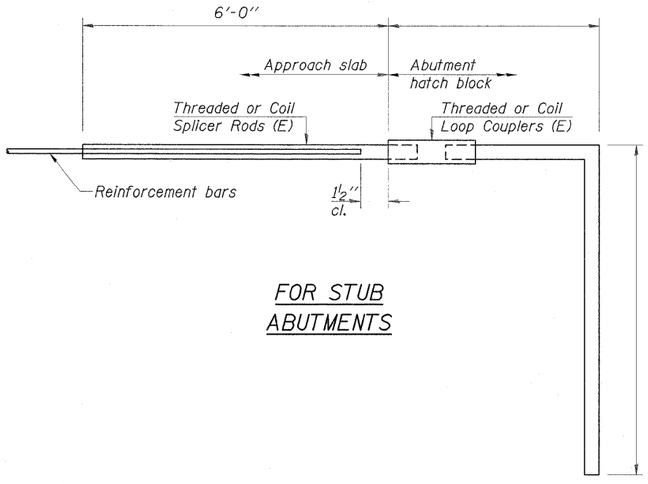
Where fy = Yield strength of lapped reinforcement bars in ksi.
A_t = Tensile stress area of lapped reinforcement bars.
* = 28 day concrete

BAR SPLICER ASSEMBLIES			
Bar Size to be Spliced	Splicer Rod or Dowel Bar Length	Strength Requirements	
		Min. Capacity kips - tension	Min. Pull-Out Strength kips - tension
#4	1'-8"	14.7	7.9
#5	2'-2"	23.0	12.3
#6	2'-7"	33.1	17.4
#7	3'-5"	45.1	23.8
#8	4'-6"	58.9	31.3
#9	5'-9"	75.0	39.6
#10	7'-3"	95.0	50.3
#11	9'-0"	117.4	61.8



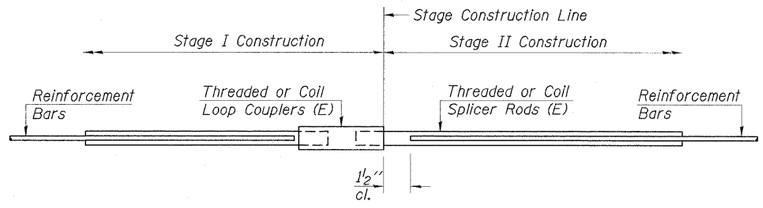
FOR INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



FOR STUB ABUTMENTS

Bar Splicer for #5 bar
Min. Capacity = 23.0 kips - tension
Min. Pull-out Strength = 12.3 kips - tension
No. Required =



STANDARD

Bar Size	No. Assemblies Required	Location
#5	4	Piers
#6	12	Abutments
#8	8	Piers

BSD-1

10-1-08

SHEET 16 OF 16 SHEETS

FILE NAME = ...\Bar Splicer Details.dgn	USER NAME = Brad Downen	DESIGNED - SF	REVISED -
		DRAWN - GLD	REVISED -
	PLOT SCALE = 10.0000 ' / IN.	CHECKED - WLB	REVISED -
	PLOT DATE = 3/10/2009	DATE - 03/10/2009	REVISED -

CITY OF SPRINGFIELD
SPRINGFIELD, ILLINOIS

BAR SPLICER ASSEMBLY DETAILS
STA. 86+95.74 S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION •	COUNTY	TOTAL SHEETS	SHEET NO.
7977	05-00443-00-BR	SANGAMON	28	27
		CONTRACT NO. 93485		
FED. ROAD DIST. NO. 6	ILLINOIS	FED. AID PROJECT		

• CITY OF SPRINGFIELD

ORIGINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FINAL SURVEY		BY	DATE
	SURVEYED		
	PLOTTED		
NOTE BOOK	TEMPLATE		
	AREAS		
NO.	AREAS CHECKED		

FILE NAME = L:\Springfield\PROJECTS\Drawings\Washington\Sheets\WashingtonSheets.dgn

USER NAME = Brad Bowman

PLOT SCALE = 1.0000 ' / IN.

PLOT DATE = 3/18/2009

DESIGNED	-	BJD
DRAWN	-	MJO
CHECKED	-	SPH
DATE	-	03/10/2009

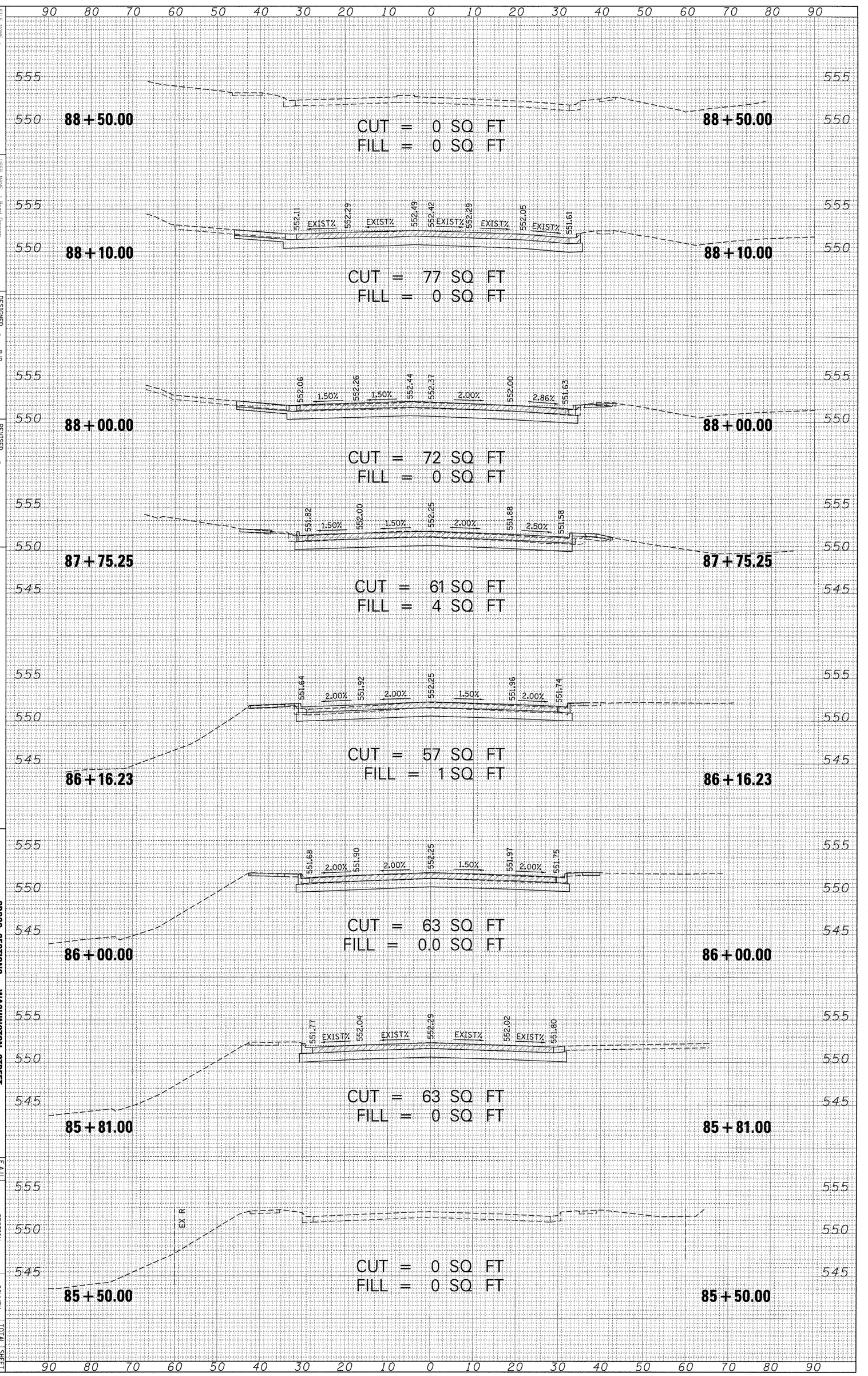
REVISED	-	
REVISED	-	
REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS - WASHINGTON STREET
S.N. 084-6001 (E)
WASHINGTON STREET OVER JACKSONVILLE BRANCH

SCALE:

SHEET NO. OF SHEETS STA. 85+50.00 TO STA. 88+50.00



F.A.U. RTE.	SECTION*	COUNTY	TOTAL SHEETS	SHEET NO.
7917	05-00443-00-BR	SANGAMON	28	28

FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT

CONTRACT NO. 93485

* CITY OF SPRINGFIELD