

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

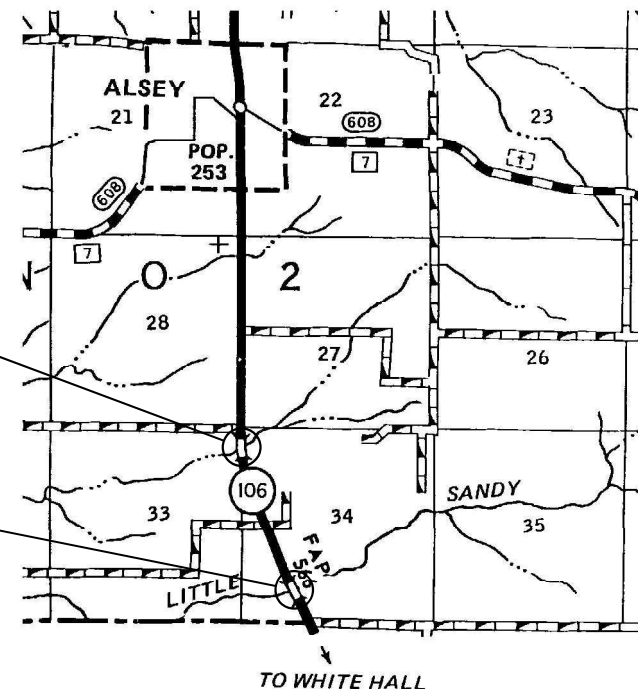
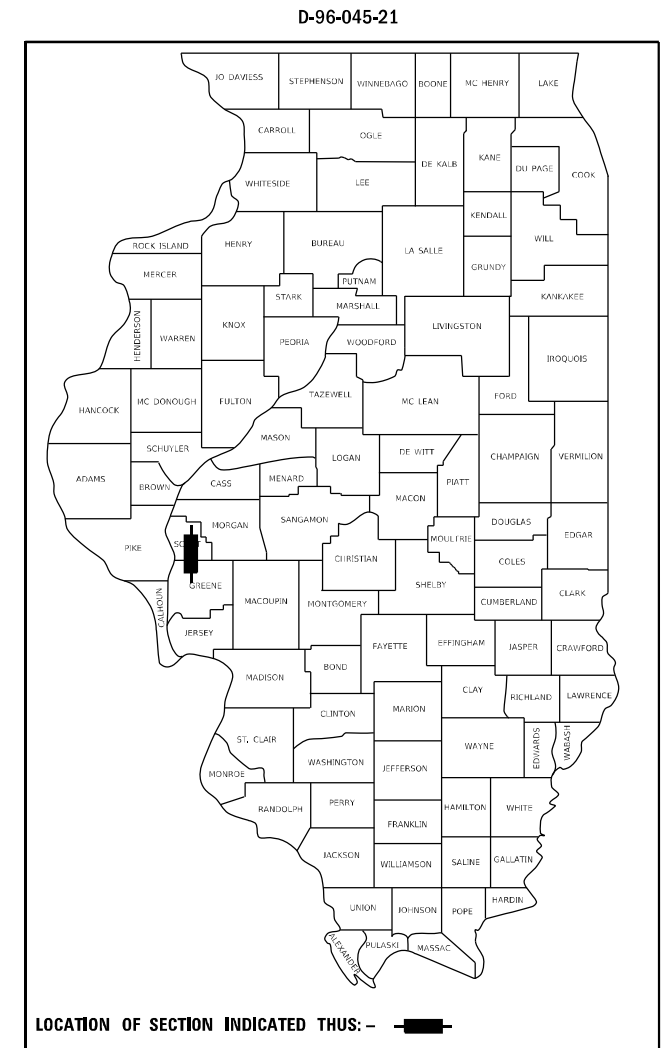
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	1
		ILLINOIS	CONTRACT NO. 72M94	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED CONTRACT MAINTENANCE

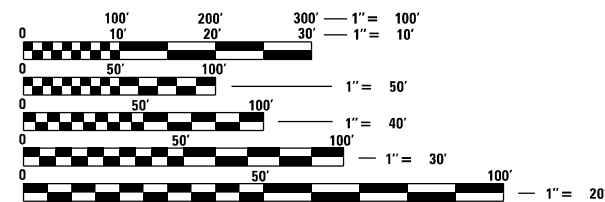
FAP ROUTE 566 (IL 106)
SECTION 2(B-1,B-2)BDR
PROJECT (STATE)
BRIDGE DECK REPAIRS
SCOTT COUNTY

C-96-116-21



PROJECT LOCATION
SN 086-0501
IL 106 OVER
TRIB OF LITTLE SANDY CR
1.5 MI S ALSEY

PROJECT LOCATION
SN 086-0502
IL 106 OVER
LITTLE SANDY CR
2.0 MI S ALSEY



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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

BRIDGE MAINTENANCE ENGINEER: BRANDON DUDLEY - (217) 785-9290

GROSS LENGTH = 4464 FT. = 0.85 MILE
NET LENGTH = 170 FT. = 0.03 MILE

CONTRACT NO. 72M94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 4th 20th 21

John P. Myer
REGIONAL ENGINEER

October 1st 20th 21

Stephen M. Smith
ENGINEER OF DESIGN AND ENVIRONMENT

October 2nd 20th 21

Stephen M. Smith
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION₂

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX, STANDARDS, SIGNATURES, & GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 STAGING PLAN
- 5-6 SN 086-0501 BRIDGE PLANS
- 7-8 SN 086-0502 BRIDGE PLANS


STANDARDS

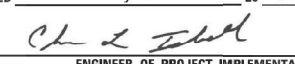
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- 701901-08

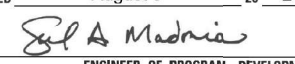
GENERAL NOTES:

AREAS OF DECK REPAIRS SHOWN ARE ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS ON AS-BUILT PLANS.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6**

EXAMINED July 26 20 21

 ENGINEER OF OPERATIONS

EXAMINED July 26 20 21

 ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED August 3 20 21

 ENGINEER OF PROGRAM DEVELOPMENT

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES, HIGHWAY STANDARDS, & SIGNATURES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	2
			CONTRACT NO. 72M94	
		ILLINOIS FED. AID PROJECT		

0-02176-6013	0-02176-6014
SN 086-0501	SN 086-0502
100% STATE	100% STATE
BRIDGE/RURAL	BRIDGE/RURAL
0047	0047
SCOTT	SCOTT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BRIDGE/RURAL	
				0047 SCOTT	0047 SCOTT
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100100	TRAFFIC CONTROL AND PROTECTION, STANDARD 701316	EACH	2	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	2	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	12	6	6
70107025	CHANGEABLE MESSAGE SIGNS	CAL DAY	120	60	60
X7200201	WIDTH RESTRICTION SIGNING	L SUM	1	0.5	0.5
Z0001800	APPROACH SLAB REPAIR (PARTIAL DEPTH)	SO YD	30	23	7
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SO YD	4	2	2
Z0016200	DECK SLAB REPAIR (PARTIAL)	SO YD	96	48	48
Z0032500	JOINT SEALING (PATCHES)	FOOT	1400	800	600

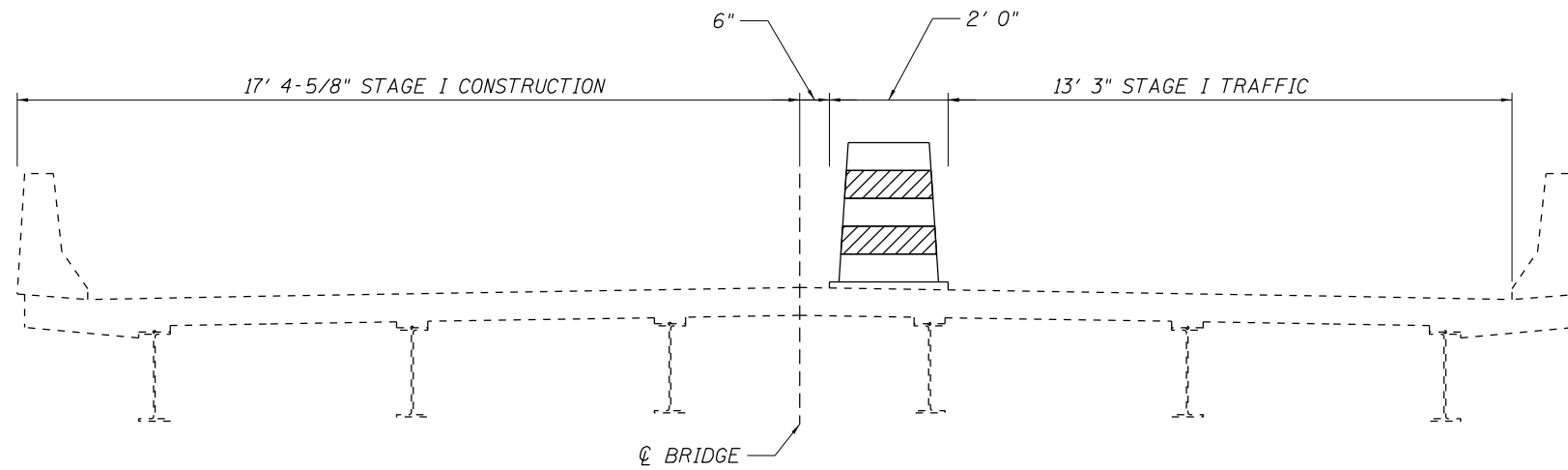
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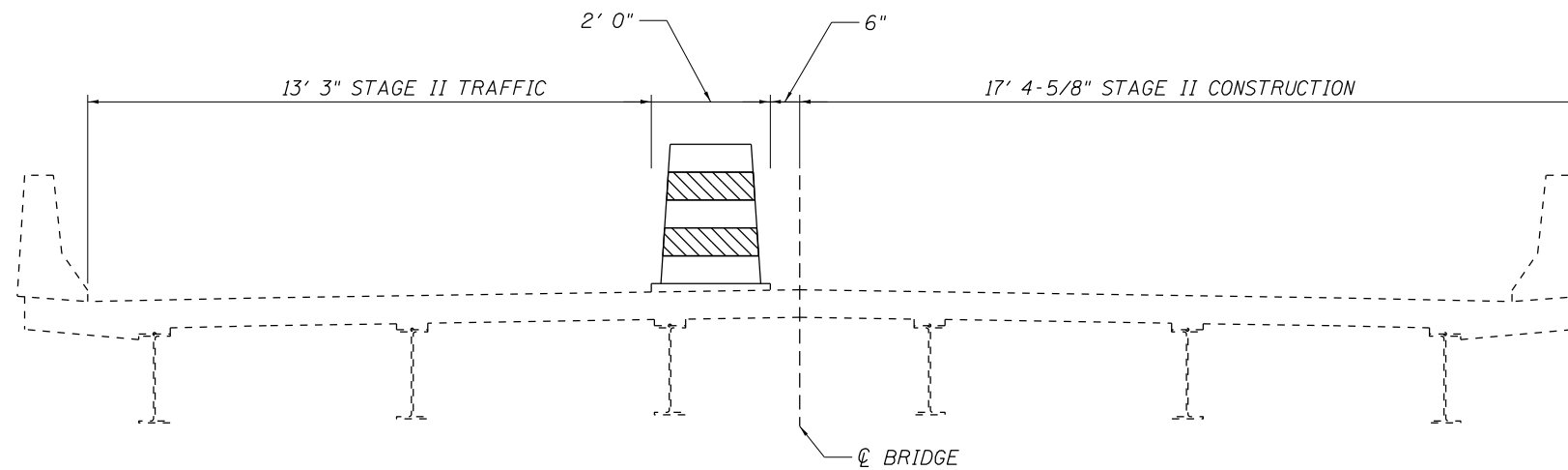
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	3
			CONTRACT NO. 72M94	
		ILLINOIS	FED. AID PROJECT	



STAGE I TRAFFIC, LOOKING SOUTH



STAGE II TRAFFIC, LOOKING SOUTH

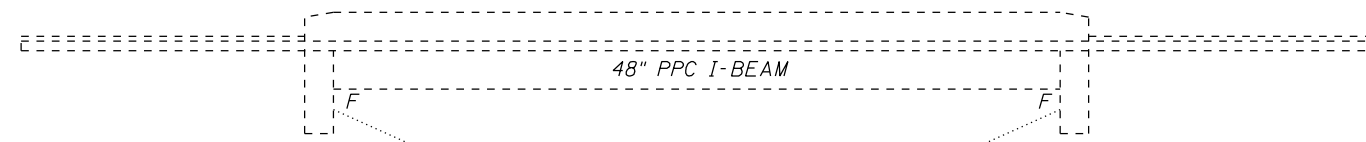
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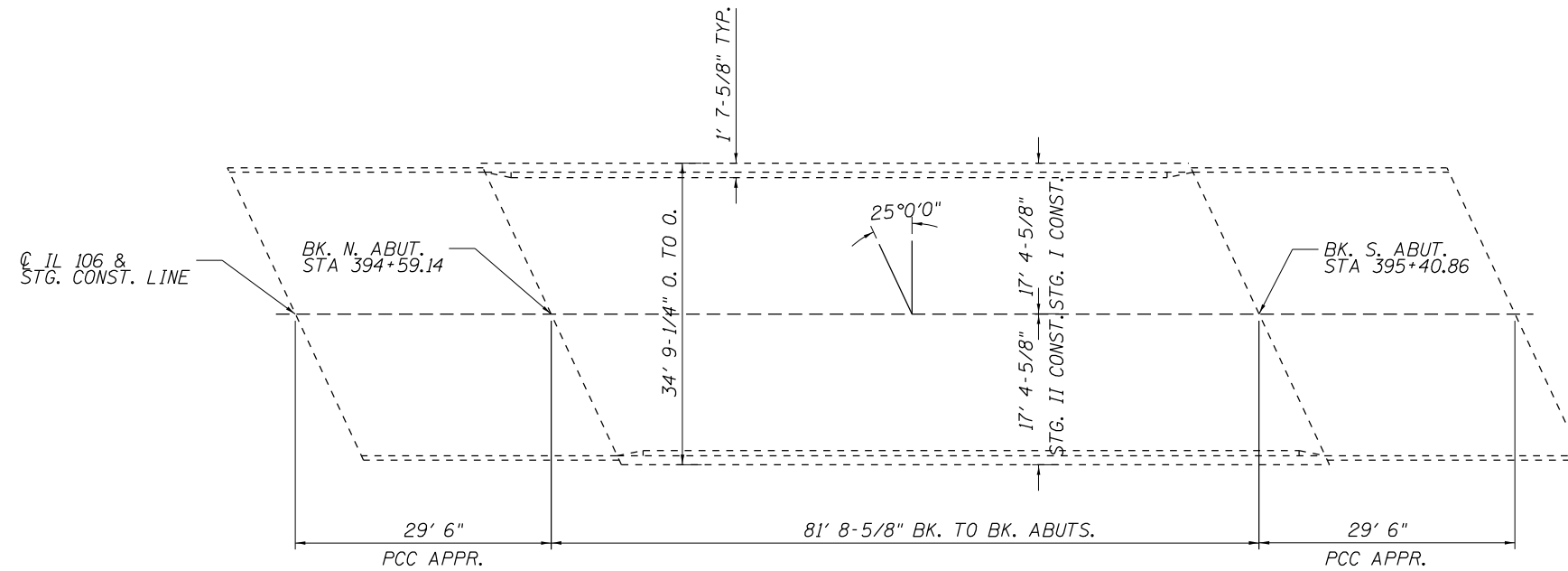
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC STAGING PLAN				
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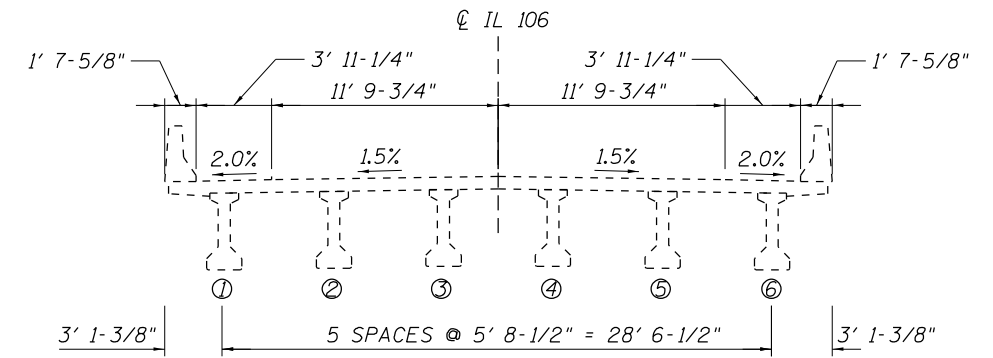
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566	2(B-1,B-2)BDR	SCOTT	8	4
CONTRACT NO. 72M94			ILLINOIS FED. AID PROJECT	



ELEVATION



PLAN



CROSS SECTION - LOOKING SOUTH



Expires 11-30-2022

David Carl Puze

STRUCTURE GENERAL NOTES:

PRIOR TO POURING THE NEW CONCRETE PATCHES, ALL HEAVY OR LOOSE MILL SCALE AND OTHER LOOSE OR POTENTIALLY DETRIMENTAL FOREIGN MATERIAL SHALL BE REMOVED FROM THE SURFACES IN CONTACT WITH CONCRETE. TIGHTLY ADHERED PAINT MAY REMAIN UNLESS OTHERWISE NOTED. REMOVAL SHALL BE ACCOMPLISHED BY METHODS THAT WILL NOT DAMAGE THE STEEL AND THE COST WILL BE INCLUDED IN CONCRETE REMOVAL.

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 THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXISTING REINFORCEMENT BARS EXTENDING INTO THE REMOVAL AREA SHALL BE CLEANED, STRAIGHTENED, AND INCORPORATED INTO THE NEW CONSTRUCTION. ANY REINFORCEMENT BARS THAT ARE DAMAGED DURING CONCRETE REMOVAL SHALL BE REPLACED WITH AN APPROVED BAR SPLICER OR ANCHORAGE SYSTEM. COST INCLUDED WITH CONCRETE REMOVAL.

TOTAL BILL OF MATERIAL (086-0501)

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Yd.	48
Approach Slab Repair (Partial Depth)	Sq. Yd.	23
Deck Slab Repair (Full Depth, Type II) *	Sq. Yd.	2
Joint Sealing (Patches)	Foot	800

* No FD patches anticipated, nominal quantity included

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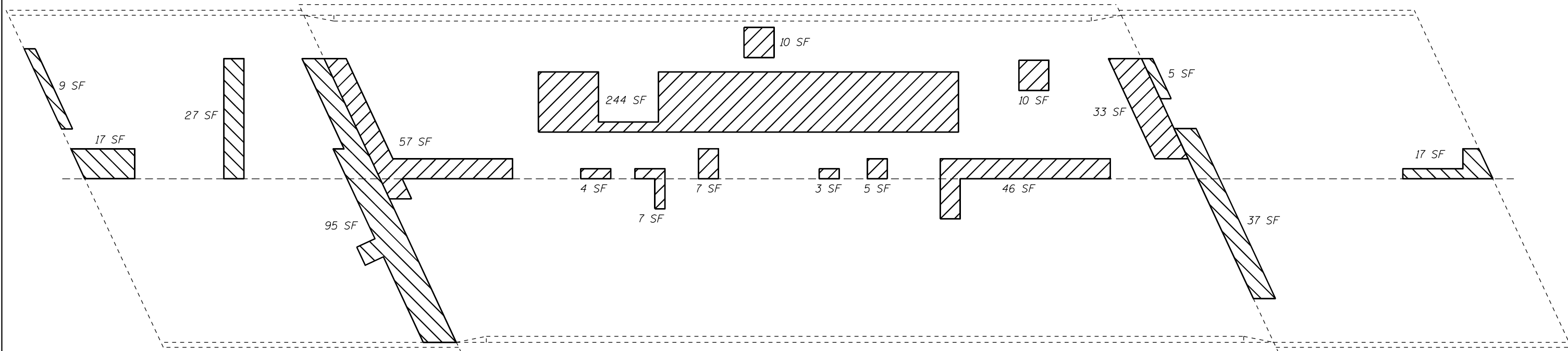
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & ELEVATION
SN 086-0501**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M94	



PLAN

- APPROACH SLAB REPAIR (PARTIAL DEPTH)
- DECK SLAB REPAIR (PARTIAL)

NOTES:

IDENTIFIED PATCHING LOCATIONS ARE ESTIMATED FROM A DECK SURVEY PERFORMED ON 9/1/2020. THE PATCHING SURVEY IS INCLUDED FOR INFORMATION ONLY. THE ENGINEER SHALL LAY OUT ACTUAL PATCH LOCATIONS IN THE FIELD.

THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

PATCHES THAT SPAN ACROSS THE DECK/ABUTMENT CONSTRUCTION JOINT SHALL RECEIVE A 3/4" DEEP SAW CUT TO RE-ESTABLISH THE JOINT.

JOINT SEALING (PATCHES) SHALL BE APPLIED IN LOCATIONS AS DIRECTED IN THE SPECIAL PROVISIONS, ALONG THE ENTIRE LENGTH OF THE EXISTING STAGE CONSTRUCTION LINE, AND ALONG THE CONSTRUCTION JOINTS BETWEEN THE DECK AND APPROACHES.

SLAB REPAIR BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Yd.	48
Approach Slab Repair (Partial Depth)	Sq. Yd.	23
Deck Slab Repair (Full Depth, Type II) *	Sq. Yd.	2
Joint Sealing (Patches)	Foot	800

* No FD patches anticipated, nominal quantity included

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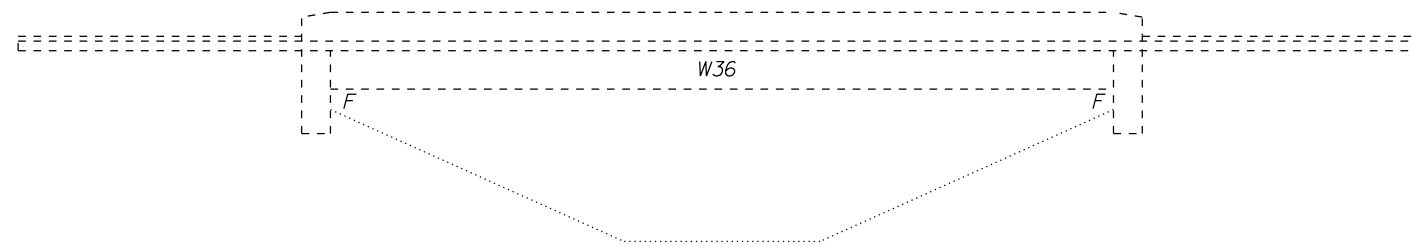
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

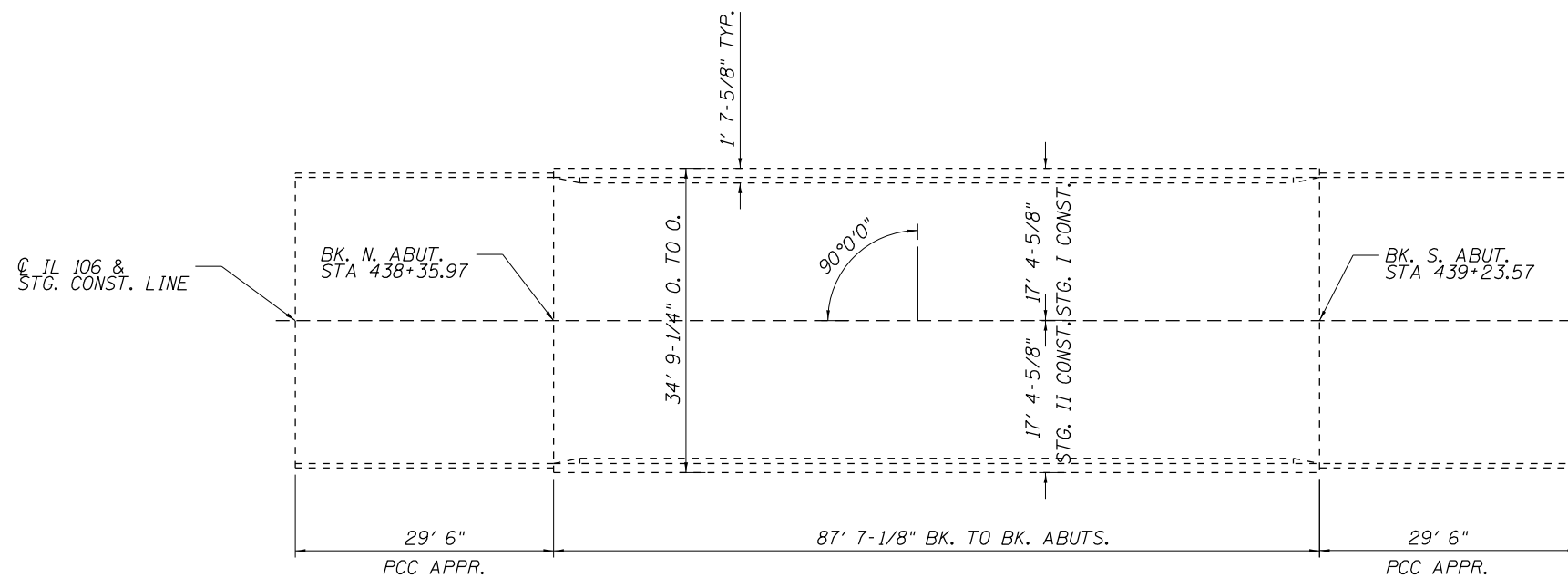
**SLAB REPAIR DETAIL
SN 086-0501**

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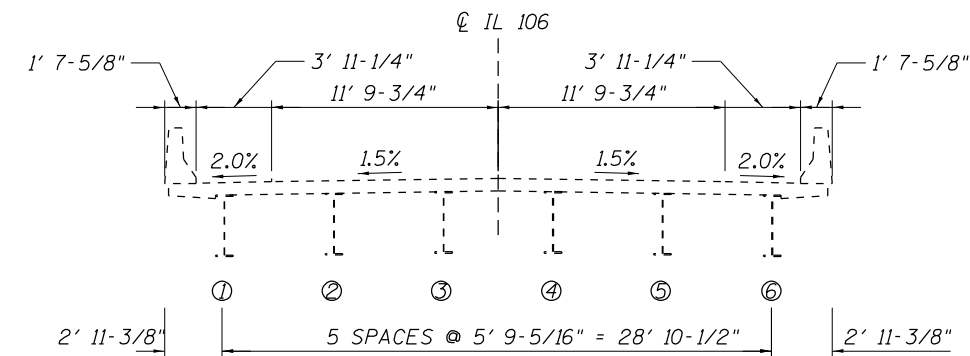
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566	2(B-1,B-2)BDR	SCOTT	8	6
			CONTRACT NO. 72M94	
ILLINOIS FED. AID PROJECT				



ELEVATION



PLAN



CROSS SECTION - LOOKING SOUTH



Expires 11-30-2022

David Carl Puzey

STRUCTURE GENERAL NOTES:

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TOTAL BILL OF MATERIAL (086-0502)

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Yd.	48
Approach Slab Repair (Partial Depth)	Sq. Yd.	7
Deck Slab Repair (Full Depth, Type II) *	Sq. Yd.	2
Joint Sealing (Patches)	Foot	600

* No FD patches anticipated, nominal quantity included

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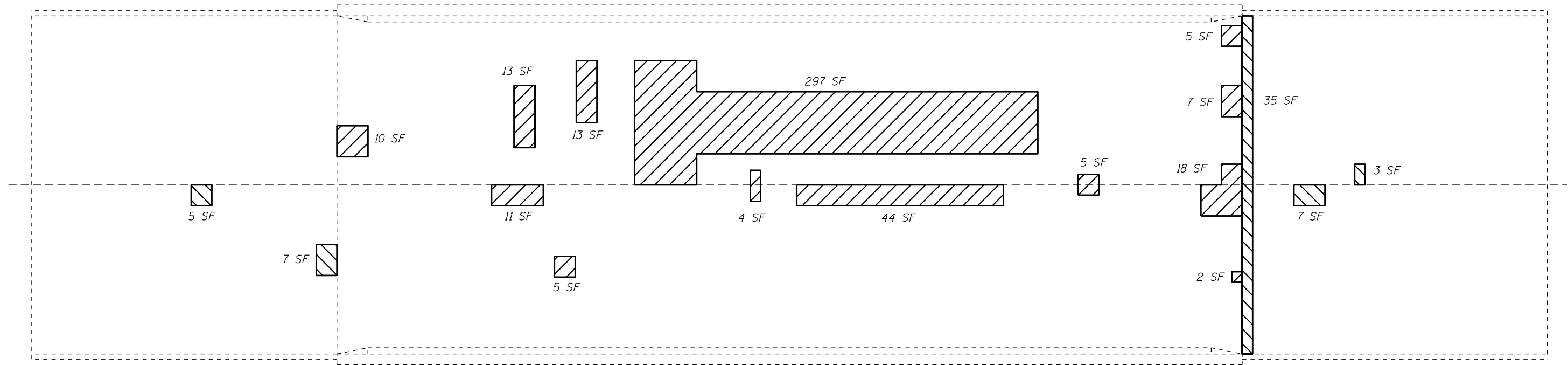
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE PLAN & ELEVATION
SN 086-0502**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M94	



PLAN

- APPROACH SLAB REPAIR (PARTIAL DEPTH)
- DECK SLAB REPAIR (PARTIAL)

NOTES:

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SLAB REPAIR BILL OF MATERIAL

ITEM	UNIT	QUANTITY
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Deck Slab Repair (Full Depth, Type II) *	Sq. Yd.	2
Joint Sealing (Patches)	Foot	600

* No FD patches anticipated, nominal quantity included

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SLAB REPAIR DETAIL
SN 086-0502**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
566	2(B-1,B-2)BDR	SCOTT	8	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72M94	