FOR INDEX OF SHEETS. SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAP ROUTE 343 - IL ROUTE 68 /53 (DUNDEE RD) (SN 016-0961) **OVER IL ROUTE 53** SECTION 531-4HBK-BR-1 **COOK COUNTY** BRIDGE APPROACH PAVEMENT REPLACEMENT, **BRIDGE JOINT AND DECK REPAIRS** C-91-701-10

IMPROVEMENT BEGINS IMPROVEMENT ENDS STA. 98 + 17.00 STA. 102 + 38.00 VILLAGE OF VILLAGE OF FAP 343 (DUNDEE RD.) 68 53 VILLAGE OF SUFFALO VILLAGE OF PALATINE PALATINE TWP WHEELING TWP

Thoun M. Wi THOMAS M. HEIN, P. E. IL. LIC. NO. 062-053199 EXP 11-30-2011

DATE 2-25-2011

SECTION

531-4HBK-8R-1

343 D-91-701-10 COUNTY TOTAL SHEE

COOK 25% 1

BLINGS CONTRACT NO. 60L47

*25+4=29

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUBMITTED FEBRUARY 25, 20 11

LOCATION OF SECTION INDICATED THUS: - -

March 25 20 11

acting ENGINEER OF DESIGN AND

March 25 20 11

Christine M. Roed Jan

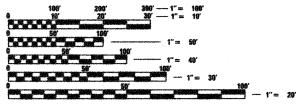
PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

TRAFFIC DATA

IL 68 (DUNDEE RD) EXISTING ADT : 37.000 (2009) POSTED SPEED LIMIT 35 MPH

EXISTING ADT : 85,300 (2008) POSTED SPEED LIMIT 55 MPH

IMPROVEMENT IS LOCATED IN THE VILLAGES OF PALATINE AND ARLINGTON HEIGHTS



ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123 OR 811

PROJECT ENGINEER PROJECT MANAGER ROBERT BORO **ISSAM RAYYAN**

CONTRACT NO. 60L47



LOCATION MAP NOT TO SCALE

GROSS LENGTH = 421.00 FT. = 0.080 MILE NET LENGTH = 421.00 FT. = 0.080 MILE

GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 1-800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 2. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD. UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- WITH UTILITY COMPANIES. THE VILLAGE OF PALATINE. AND THE VILLAGE OF ARLINGTON HEIGHTS.
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE
- 6. BEFORE BEGINNING ANY WORK. THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE. ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

8. THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO STARTING WORK THE PLACEMENT OF ANY TRAFFIC CONTROL DEVICES. AND THE EXPRESSIONAY TRAFFIC CONTROL SUPERVISOR AT (847)705-4155 9. THE RESIDENT ENGINEER SHALL CONTACT MR. WALLY CZARNY. AREA TRAFFIC FIELD ENGINEER AT (847) 715-8419 A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

- 10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 11. WET REFLECTIVE TEMPORARY TAPE. TYPE III SHALL BE USED FOR TEMPORARY PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE TEMPORARY PAVEMENT MARKING TAPE REMOVAL SHALL BE INCLUDED IN THE COST OF WORK ZONE PAVEMENT MARKING REMOVAL.
- 12. SAW CUTS WILL NOT BE PAID FOR SEPERATELY. BUT SHALL BE INCLUDED IN THE COST OF THE ITEM BEING REMOVED.

HIGHWAY STANDARDS

701427 LANE CLOSURE. MULTILANE. INTERMITTENT OR MOVING OPERATION. FOR SPEEDS ? 40 MPH

701601-07 URBAN LANE CLOSURE. MULTILANE. 1W OR 2W WITH NONTRAVERSABLE MEDIAN

701901-01 TRAFFIC CONTROL DEVICES

HMA MIXTURE REQUIREMENTS

MIX DESIGNS				VOII NDES		
PAVEMENT RESURFACING						
HMA SURFACE COURSE, MIX 'D', IL-9.5 N70; 2"	4%	e 7	0	GYR	ATI	ONS

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/IN. THE RATE USED TO CALCULATE BITUMINOUS MATERIAL PRIME COAT IS 0.10 GAL/SY

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

ENTRAN

	USER NAME = 2pienid	DESIGNED	-	DJB	REVISED		
1		DRAWN	-	ENTRAN	REVISED		
•	PLOT SCALE = 50.0000 '/ IN.	CHECKED	~	TMH	REVISED	*	
	PLOT DATE = 2/25/2011	DATE	-	02/18/11	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

IL ROUTE 68 (DUNDEE RD.) OVER IL ROUTE 53 343 INDEX OF SHEETS, GENERAL NOTES & HIGHWAY STANDARDS SCALE:50.0000 '/ IN. SHEET NO. OF SHEETS STA.

SECTION COUNTY COOK 531-4HBK-BR-1 25 2 CONTRACT NO. 60L47 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES

				CONSTRUCTIO	N TYPE CODE
				0014	
			TOTAL	URBAN	
CODE NO.	ITEM	UNIT	QUANTITY		
28100107	STONE RIPRAP, CLASS A4	SO YD	59	59	
28200200	FILTER FABRIC	SO YD	59	59	
31101000	SUB-BASE GRANULAR MATERIAL, TYPE B	TON	26	26	
40300100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	124	124	
40600300	AGGREGATE (PRIME COAT)	TON	3	3	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	75	75	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	138	138	
42001165	BRIDGE APPROACH PAVEMENT	SO YD	107	107	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1,235	1,235	
50102400	CONCRETE REMOVAL	CU YD	36.2	36.2	
				7884	
50104650	SLOPE WALL REMOVAL	SQ YD	141	141	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	36.2	36.2	
50300260	BRIDGE DECK GROOVING	SQ YD	37	37	
50300300	PROTECTIVE COAT	SQ YD	2,715	2,715	
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	3,410	3,410	i
50800505 51100100	BAR SPUCERS SLOPE WALL 4 INCH	SQ YD	106 141	106	
52000110	PREFORMED JOINT STRIP SEAL	FOOT	176	176	
60618300	CONCRETE MEDIAN SURFACE, 4 INCH ENGINEER'S FIELD OFFICE, TYPE A	SQ FT CAL MO	<i>3,000</i>	<i>3,00</i> 0	
67100100 70106800	MOBILIZATION CHANGEABLE MESSAGE SIGN	L SUM CAL MO	1.0 4.	1.0 4	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	100	100	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,543	2,543	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	36	36	
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	F00T	4,531	4,531	
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	75	75	
78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1,152	1,152	
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	11	11	
78300100	MEDIAN SURFACE REMOVAL PAVEMENT MARKING REMOVAL	SQ FT	<i>3,000</i> 2,081	3,000 2,081	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	11	11	
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2	
X7010216 X7011015	TRAFFIC CONTROL AND PROTECTION, (SPECIAL) TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM L SUM	1.0 1.0	1.0	
X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	7,629	7,629	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	107	107	
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	540	540	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	324	324	
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SQ FT	132	132	
Z0016200	DECK SLAB REPAIR (PARTIAL)	SO YD	2	2	

TYPE CODE	CONSTRUCTION	L.			
	0014				
	URBAN				
·····		TOTAL QUANTITY	UNIT	!TEM	CODE NO.
	77.1	77-1	SQ FT	TEMPORARY INFORMATION SIGNING	Z0030850
	1	I			
	2	Z	EACH	TEMPORARY TRAFFIC SIGNAL TIMING	20073510
***********					~~~~
******					Andrews March 1997
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	1				
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SPECIALTY ITEMS



USER NAME = 2pienid	DESIGNED	-	DJB	REVISED	-
	DRAWN		ENTRAN	REVISED	-
PLOT SCALE = 50.00 '/ IN.	CHECKED	-	TMH	REVISED	-
PLOT DATE = 2/28/2011	DATE	-	02/18/11	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 68 (DUNDEE RD.) OVER IL ROUTE 53

SUMMARY OF QUANTITIES

SCALE:50.00 '/ IN. SHEET NO. OF SHEETS STA. TO ST

| Rev | Rev

GENERAL NOTES - TRAFFIC CONTROL

MAINTENANCE OF TRAFFIC DEVICES TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE POTIONS OF STANDARDS 701427 AND 701601 AND DISTRICT ONE STANDARDS TC-11, TC-13, AND TC-14. ADDITIONAL SIGNAGE MAY BE REQUIRED BY THE RESIDENT ENGINEER AT NO ADDITIONAL COST. THIS WORK AND SIGNAGE IS INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

DISTRICT DETAIL TC-17 SHALL BE UTILIZED FOR REPAIRS PERFORMED ADJACENT TO IL ROUTE 53 AND IS INCLUDED IN THE PAY ITEM FOR TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS).

THE MAINTENANCE OF TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT, HOWEVER, THE CONTRACTOR MAY MODIFY THE MOT PLANS TO MEET CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF THE PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE MOT PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

THE RESIDENT ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGE TO THE MOT PLANS.

EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

REMOVAL OF THE TEMPORARY PAVEMENT MARKINGS SHALL BE PAID FOR UNDER THE PAY ITEM WORK ZONE PAVEMENT MARKING REMOVAL.

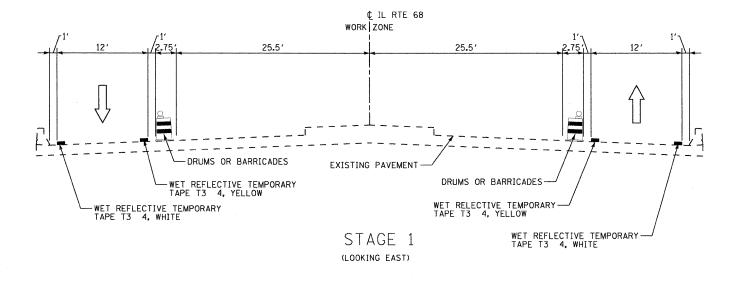
THE EXISTING PAVEMENT MARKINGS THAT HAVE BEEN REMOVED SHALL BE REPLACED IN-KIND.

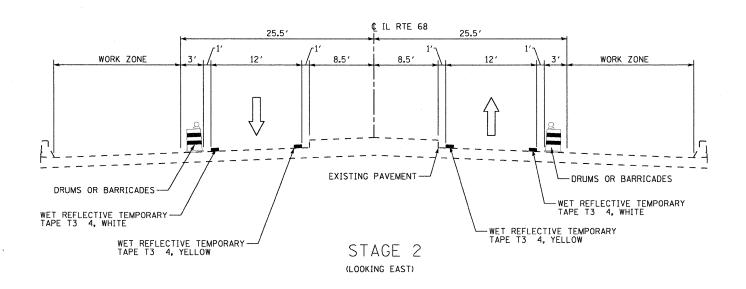
THE CONTRACTOR SHALL NOT MOUNT SIGNS ON EXISTING SIGNS.

THE CONTRACTOR SHALL PLACE AN ARTERIAL ROAD INFORMATION SIGN AT EACH END OF THE PROJECT AND/OR AS DIRECTED BY THE ENGINEER TO INFORM MOTORISTS OF UPCOMING CONSTRUCTION ACTIVITIES. THE MESSAGE SIGNS WITH THE APPROPRIATE INFORMATION SHALL BE IN PLACE TWO WEEKS BEFORE THE START OF CONSTRUCTION ACTIVITY. THIS WORK IS TO BE PAID FOR AT THE CONTRACT UNIT PER SOUARE FOOT, TEMPORARY INFORMATION SIGNING.

THE CONTRACTOR SHALL COORDINATE THE EXACT PLACEMENT OF ADVANCED WARNING SIGNAGE WITH THE RESIDENT ENGINEER.

THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS PRIOR TO STARTING WORK.





SUGGESTED CONSTRUCTION SEQUENCING

PRE-STAGE

IMPLEMENT STAGE 1 MOT PAVEMENT MARKING AND TRAFFIC CONTROL.

STAGE 1

RECONSTRUCT EAST APPROACH SLAB, RECONSTRUCT EXPANSION JOINTS, PERFORM STRUCTURAL REPAIR OF CONCRETE ON MEDIAN CURB, PERFORM PARTIAL DEPTH CONCRETE REPAIR ON BRIDGE DECK, APPLY PROTECTIVE COAT TO APPROACH SLABS, APPLY CONCRETE SEALER TO EXISTING BRIDGE DECK, AND PERFORM PAVEMENT RESURFACING.

STAGE 2

RECONSTRUCT EAST APPROACH SLAB, RECONSTRUCT EXPANSION JOINTS, PERFORM STRUCTURAL REPAIR OF CONCRETE ON MEDIAN CURB, PERFORM PARTIAL DEPTH CONCRETE REPAIR ON BRIDGE DECK, APPLY PROTECTIVE COAT TO APPROACH SLABS, APPLY CONCRETE SEALER TO EXISTING BRIDGE DECK, AND PERFORM PAVEMENT RESURFACING.

STAGE 3

PLACE FINAL PAVEMENT MARKINGS UTILIZING HIGHWAY STANDARD 701311.

STAGE 4

PERFORM SLOPEWALL REPAIR AND PERFORM STRUCTURAL REPAIR OF CONCRETE ON ABUTMENTS AND PIERS UTILIZING DISTRICT DETAIL TC-17 ON IL ROUTE 53. THIS SHALL BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)".

STAGE 5

PERFORM STRUCTURAL REPAIR OF CONCRETE ON MIDDLE PIER UTILIZING DISTRICT DETAIL TC-17 ON IL ROUTE 53. THIS SHALL BE PAID FOR AS "TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)".

≈ ENTRAN

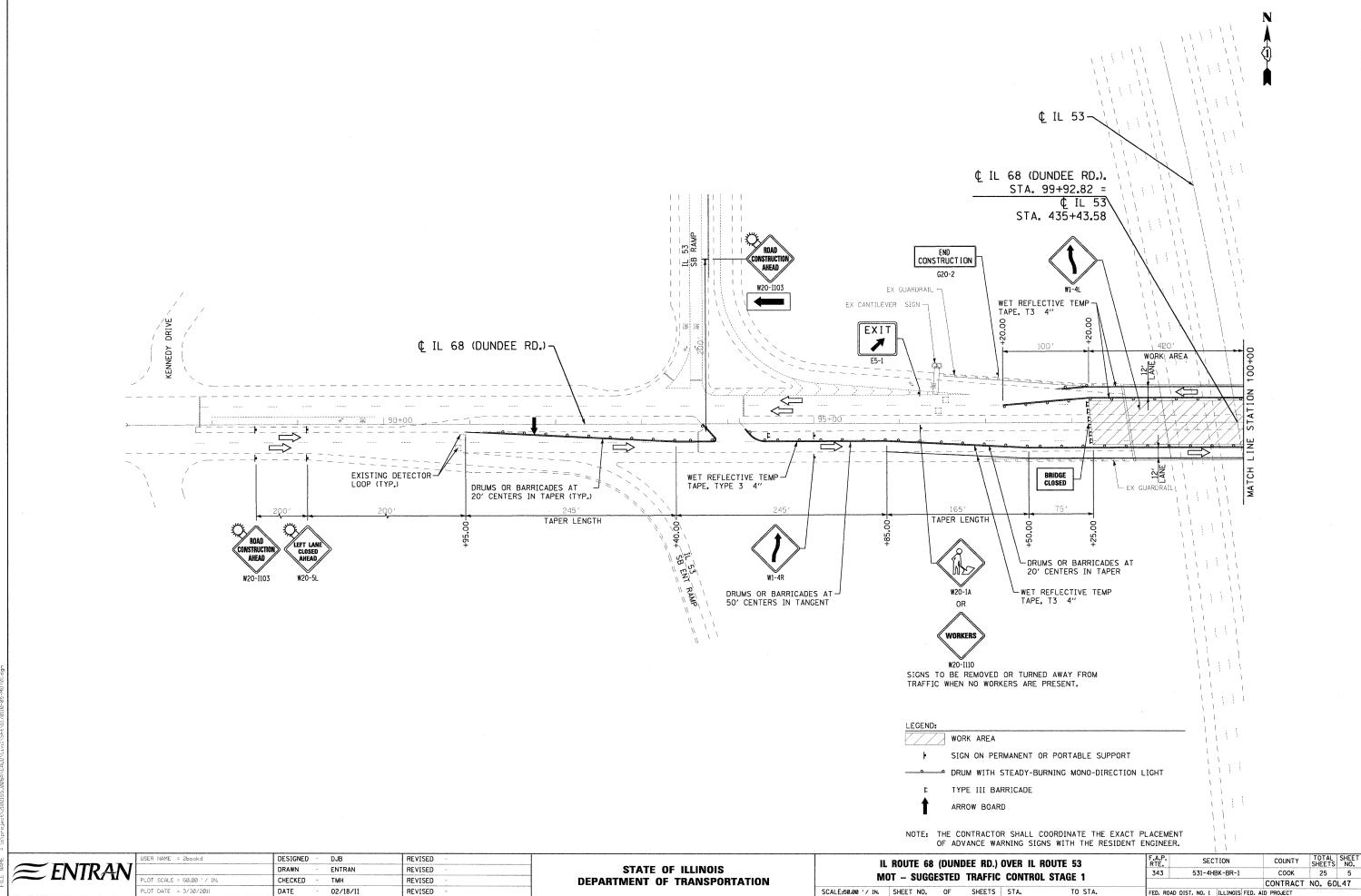
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 68 (DUNDEE RD.) OVER IL ROUTE 53

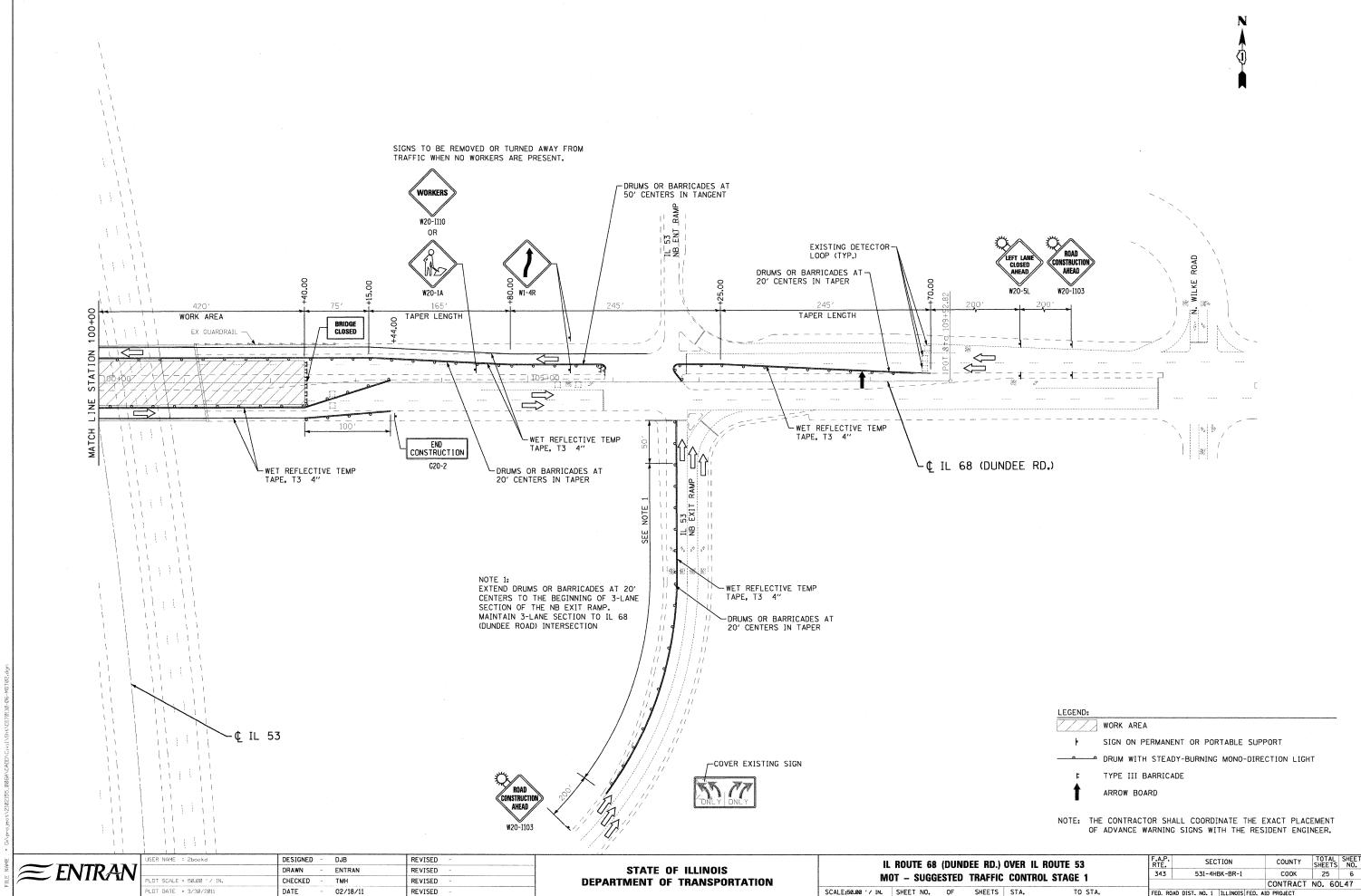
MOT - GENERAL NOTES & TYPICAL SECTIONS

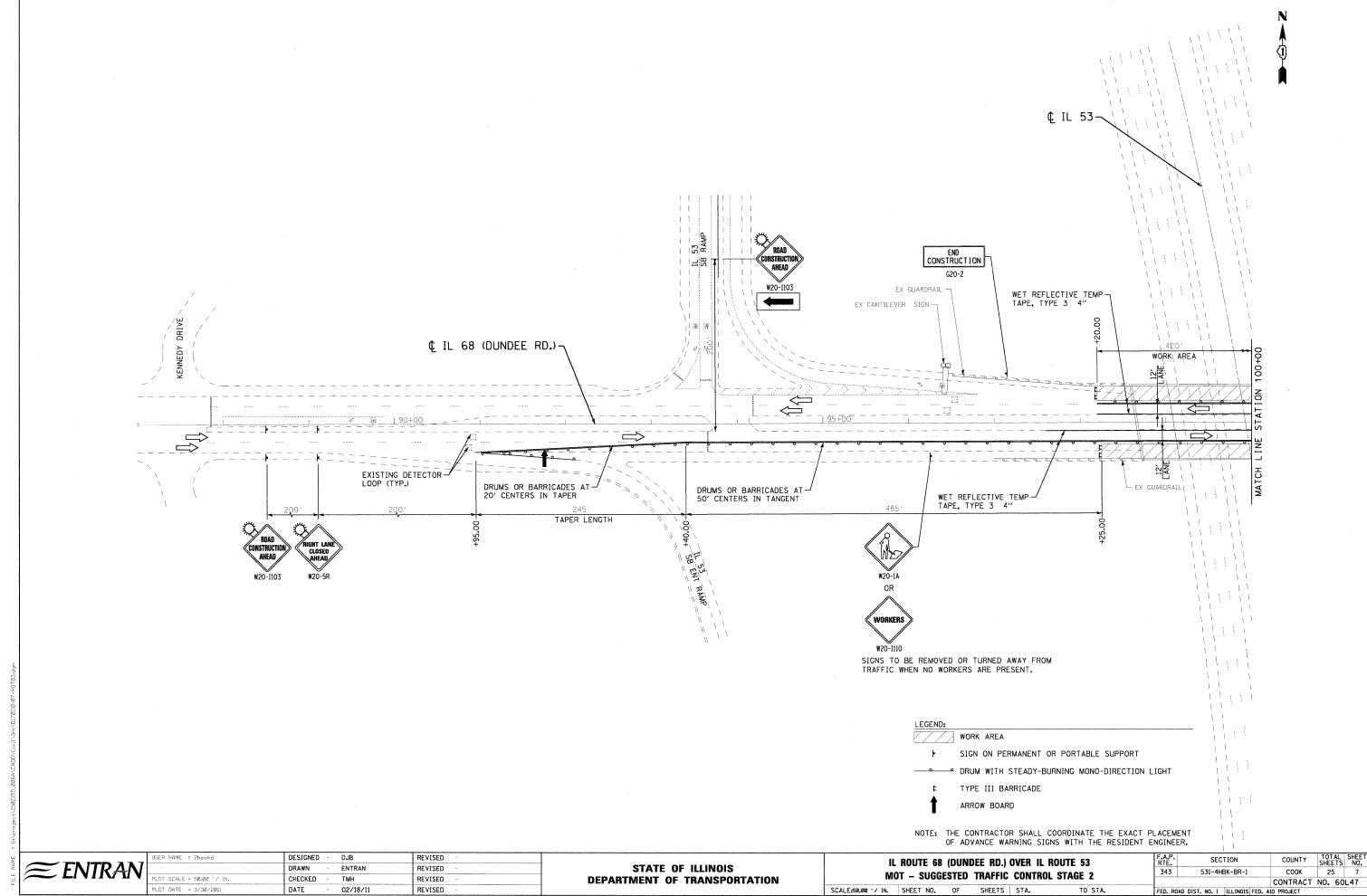
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
343	531-4HBK-BR-1	COOK	25	4	
		CONTRACT	NO. 60	L47	
FED. RO	AD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT			



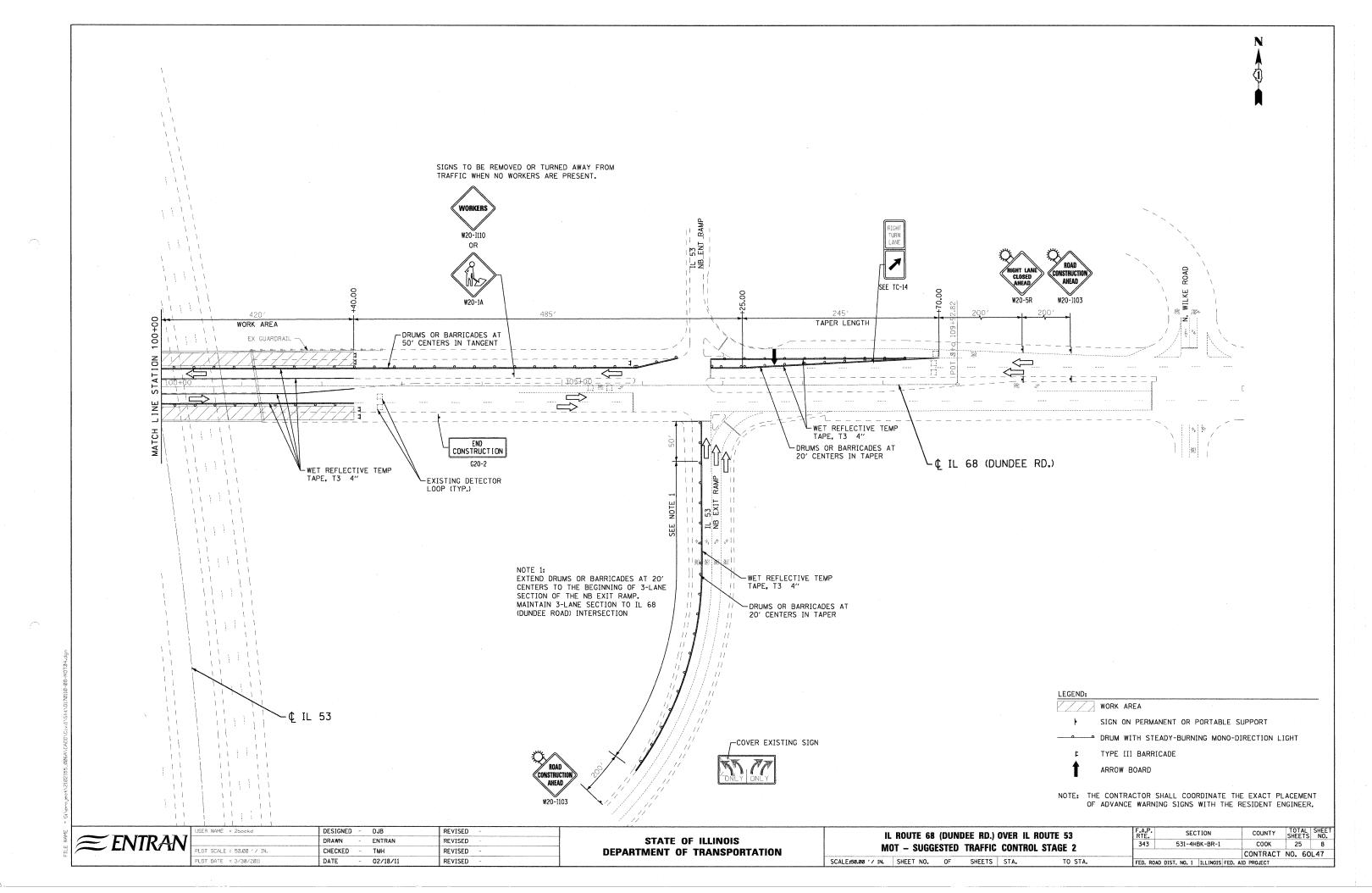
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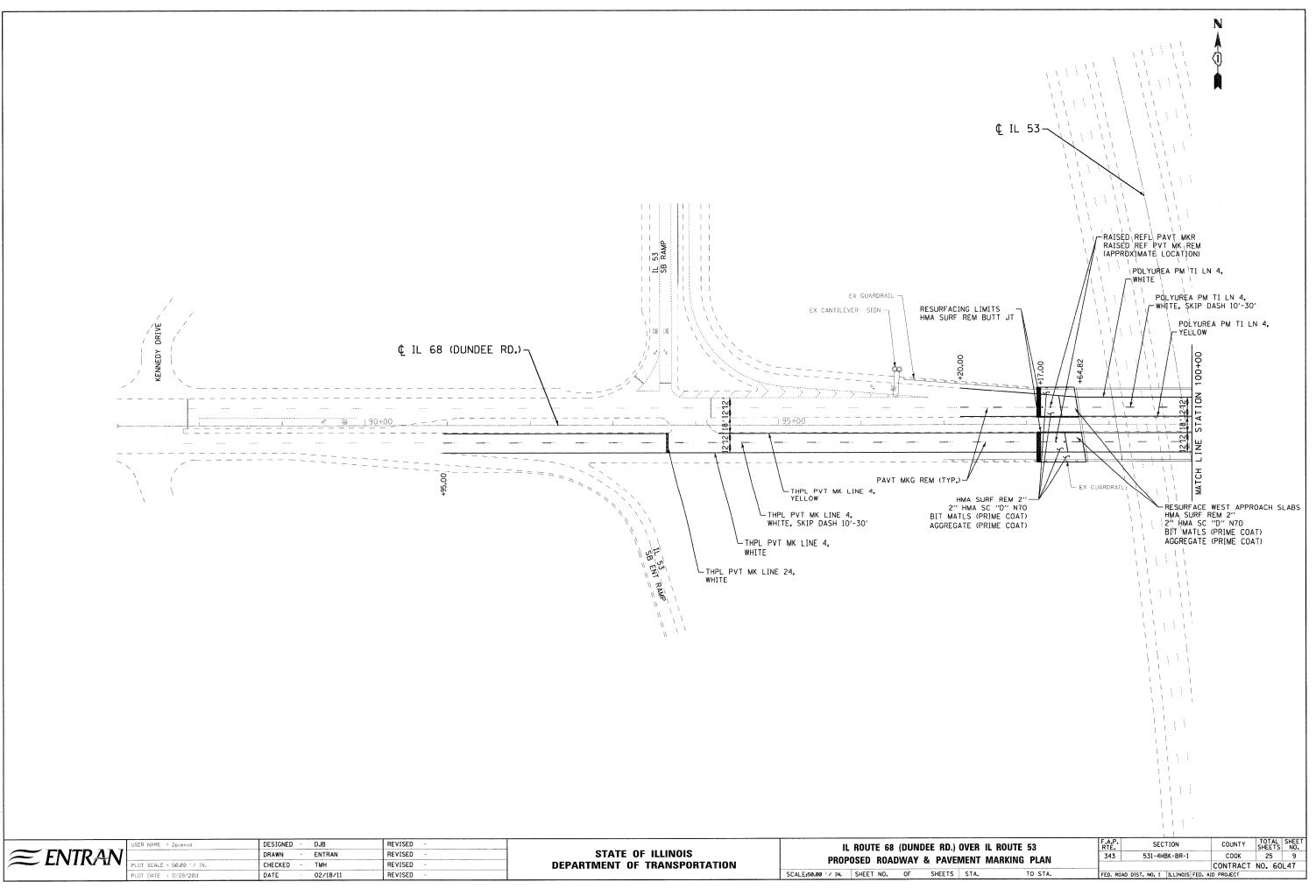




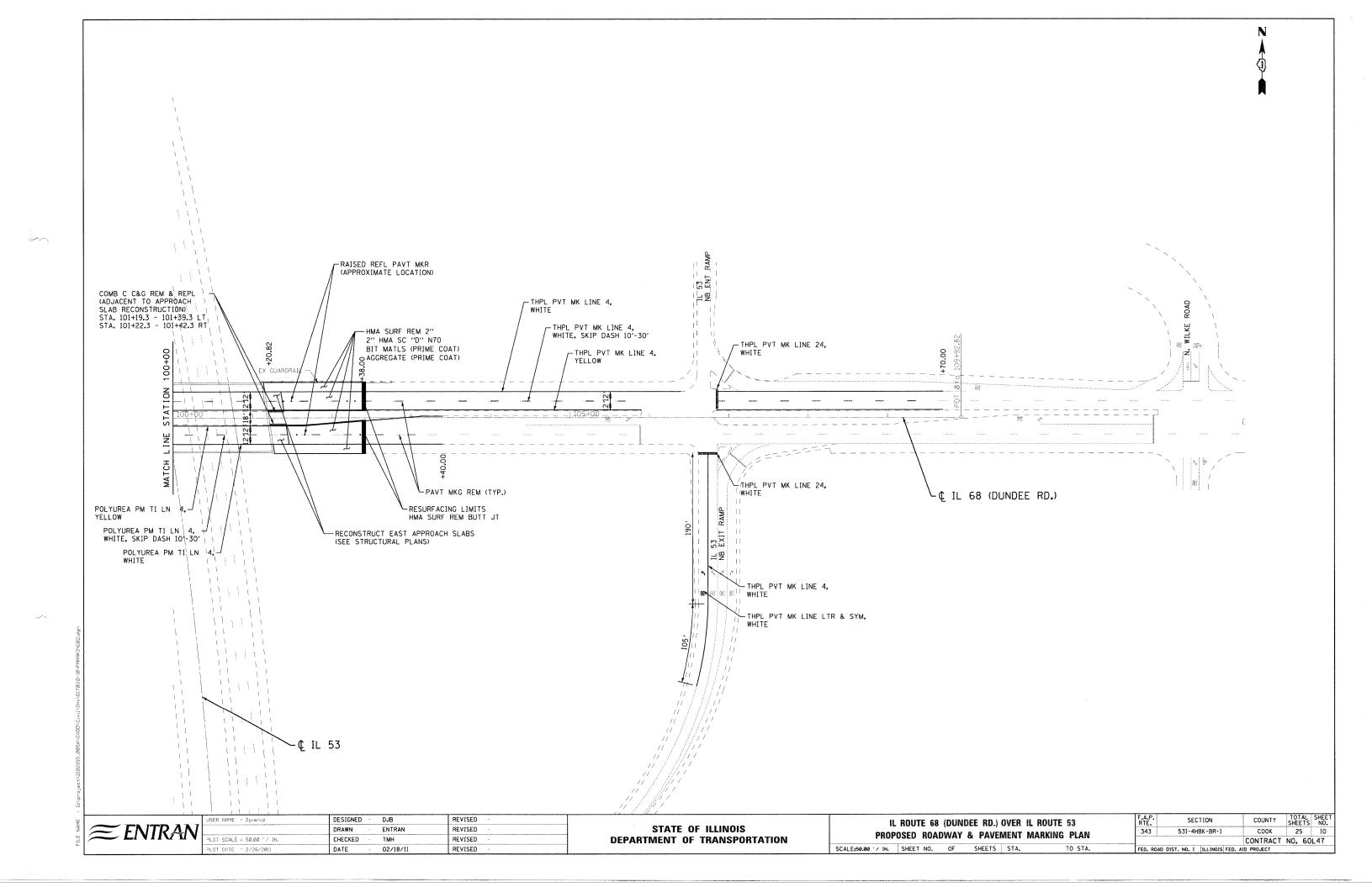
02/18/11

REVISED





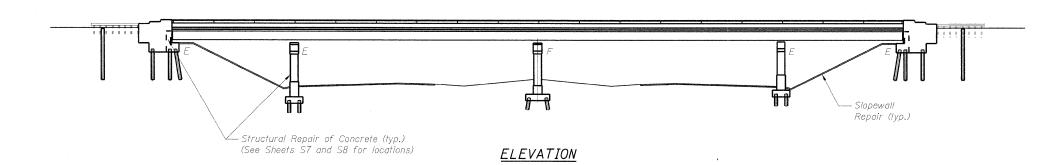
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Existing Structure: S.N. 016-0961 built in 1968 as F.A. Route 61 Section 531-4HBK is a four span continuous steel beam superstructure with concrete deck on reinforced concrete abutments and piers. In 1989, a bridge deck overlay was added and the bridge underwent various repairs. Beam and parapet repair was performed in 1999 and 2005 due to vehicle impact.

Traffic to be maintained using stage construction.

No salvage.



SCOPE OF WORK

- 1. East Approach Slab Removal
- 2. East Approach Slab Reconstruction
- 3. Reconstruct expansion joints to strip seals
- 4. Structural repair of concrete on median curb 5. Partial depth concrete repair on bridge deck
- 6. Apply protective coat to approach slabs
- 7. Apply protective coat to existing bridge deck
- 8. Structural repair of concrete on abutments and piers
- 9. Slopewall repair

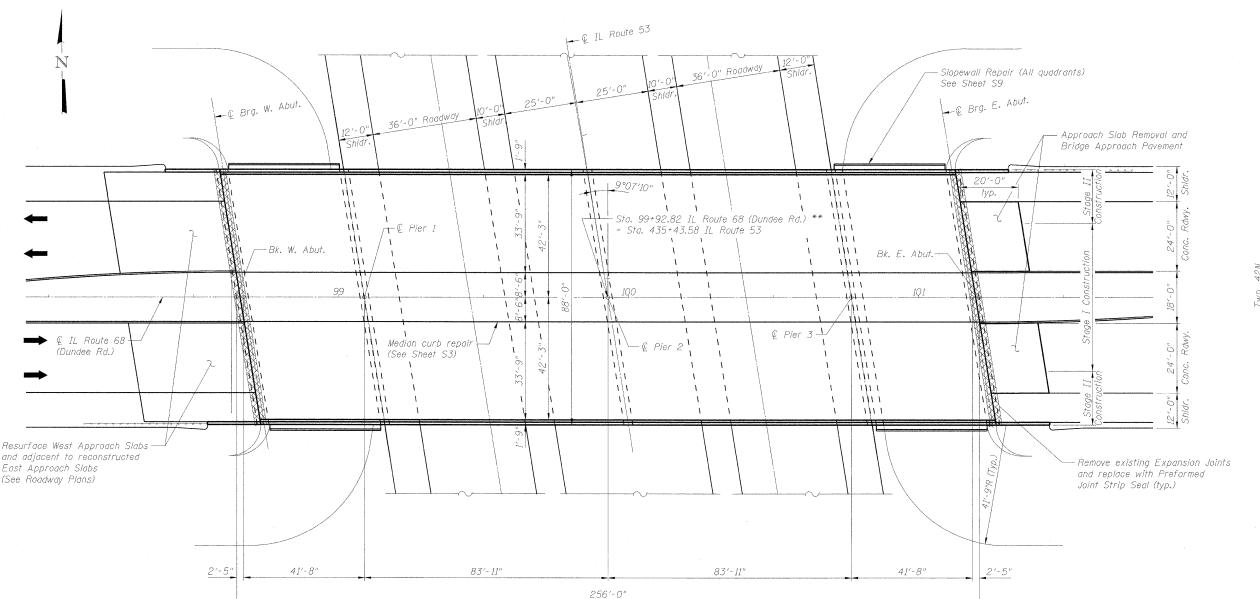
DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

DESIGN STRESSES

FIELD UNITS

- $f_{c}' = 3,500 \text{ psi}$
- $f_v = 60,000 \text{ psi (reinforcement)}$



PLAN ** Stationing taken from original 1969 plans.



-Proposed structure

BRAD H. SAYERS, S.E. IL. LIC. NO. 081-006267

11/30/2012

DATE 3/21/2011

ENTRAN

USER NAME = 2sayerb	DESIGNED	-	BHS	REVISED ~
	CHECKED	-	GSP	REVISED -
PLOT SCALE = N/A	DRAWN	-	MJB	REVISED -
PLOT DATE = 3/18/2011	CHECKED	~	GSP	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** **GENERAL PLAN AND ELEVATION** S.N. 016-0961 SHEET NO. S1 OF 11 SHEETS

F.A.P. RTE.	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
343	531-4H	BK-BR-1		соок	25	11
				CONTRACT	NO. 6	DL47
FED. RO	AD DIST. NO. 1	ILLINOIS FE	D. AID	PROJECT		

-

Reinforcement bars designated (E) shall be epoxy coated,

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contactor 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.

Protective Coat shall be applied to the entire top surface of the existing bridge deck, median, sidewalks, and the tops and inside vertical faces of the parapets.

Stage Construction shall be utilized to maintain traffic during construction.

The Contractor shall exercise care during removal of the existing joints to ensure that the conduit, slab, beams and diaphragms' integrity will not be detrimentally impacted. The Contractor shall repair any damage to the conduit, slab, beams and diaphragms caused by his operation as directed by the Engineer at no additional cost to the Department.

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.

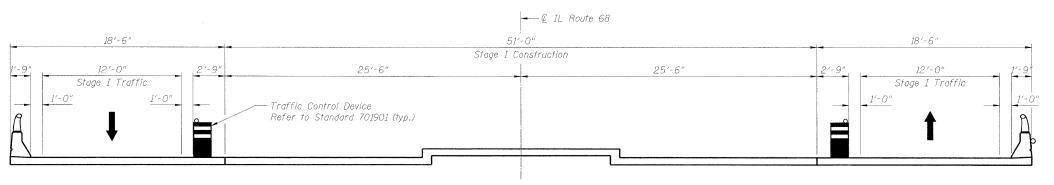
Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the deck is poured at an ambient temperature other than 50°F.

INDEX OF SHEETS

- S1. General Plan & Elevation
- S2. General Notes, Stage Construction & Total Bill of Material
- S3. Bridge Deck & Approach Slab Resurfacing Plan S4. Expansion Joint Reconstruction Details (1 of 2)
- S4A. Expansion Joint Reconstruction Details (2 of 2) S5. East Approach Slab Reconstruction
- S6. Preformed Joint Strip Seal
- S7. Bridge Abutment Repair Plan
- S8. Bridge Pier Repair Plan
- S9. Slopewall Repair Plan
- S10. Bar Splicer Assembly
- S11. Existing Approach Slab Details
- S11A. Existing Aluminum Bridge Rail Details

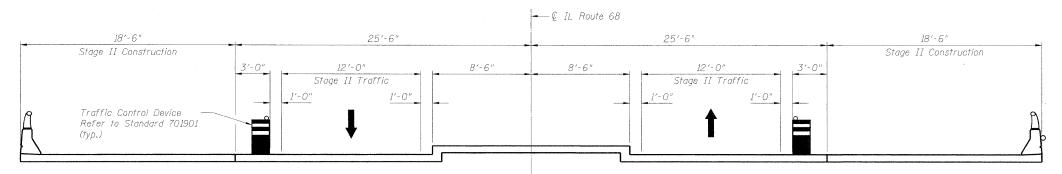
TOTAL BILL OF MATERIAL

Sg. Yd.			TOTAL
Jy. 10.1		59	59
Sg. Yd.		59	59
Tons		26	26
Sq. Yd.	107		107
Cu. Yd.	36.2		36.2
Sq. Yd.		141	141
Cu. Yd.	36.2		36.2
Sq. Yd.	37		37
Sq. Yd.	2715		2715
Pound	3410		3410
Each	106		106
Sq. Yd.		141	141
Foot	176		176
Sq. Yd.	107		107
Sq. Ft.	250	74	324
Sg. Ft.		132	132
Sq. Yd.	2		2
	Tons Sq. Yd. Cu. Yd. Sq. Yd. Cu. Yd. Sq. Yd. Sq. Yd. Sq. Yd. Pound Each Sq. Yd. Foot Sq. Yd. Sq. Yd. Foot Sq. Yd. Sq. Fr. Sq. Ff.	Tons Sq. Yd. 107 Cu. Yd. 36.2 Sq. Yd. 7d. Cu. Yd. 36.2 Sq. Yd. 37 Sq. Yd. 2715 Pound 3410 Each 106 Sq. Yd. Foot 176 Sq. Yd. 107 Sq. Yd. 107 Sq. Ft. 250 Sq. Ft.	Tons 26 Sq. Yd. 107 Cu. Yd. 36.2 Sq. Yd. 141 Cu. Yd. 36.2 Sq. Yd. 74 Cu. Yd. 36.2 Sq. Yd. 37 Sq. Yd. 2715 Pound 3410 Each 106 Sq. Yd. 141 Foot 176 Sq. Yd. 107 Sq. Yd. 107 Sq. Ft. 250 74 Sq. Ft. 132



STAGE I CROSS SECTION

Looking West



STAGE II CROSS SECTION

Looking West

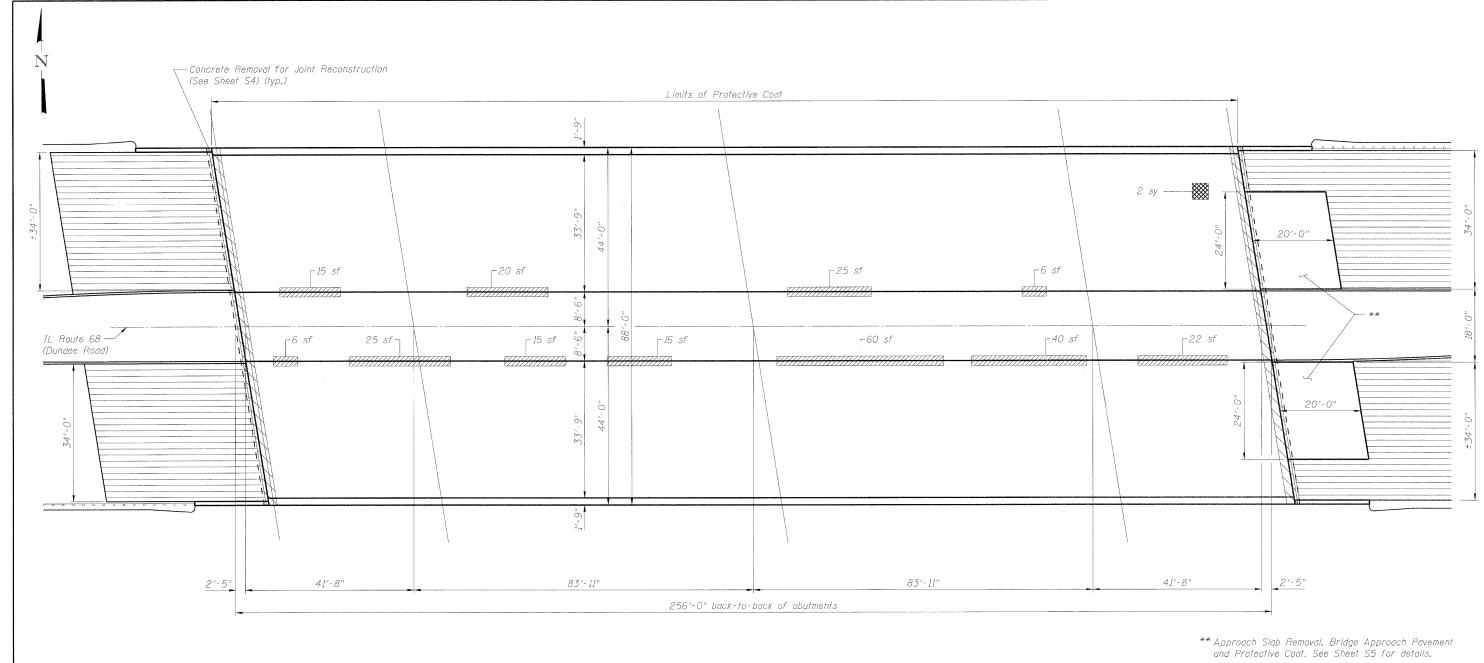
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USER NAME = 2sayerb	DESIGNED -	BHS	REVISED -
	CHECKED -	GSP	REVISED -
PLOT SCALE = N/A	DRAWN -	MJB	REVISED -
PLOT DATE = 3/21/2011	CHECKED -	GSP	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

GENERAL	NOTES,	STAGE	CON	STF	lUC	TIC	N	&	TOT/	۱L	BILL	0F	MA	ATER	IAL
S.N. 016–0961															
SHEET NO. S2 OF 11 SHEETS															

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	531-4HBK-BR-1	СООК	25	12
		CONTRACT	NO. 60	DL47
FED. RO	AD DIST. NO. 1 ILLINOIS FED. AL	ID PROJECT		



PLAN

BILL OF MATERIAL

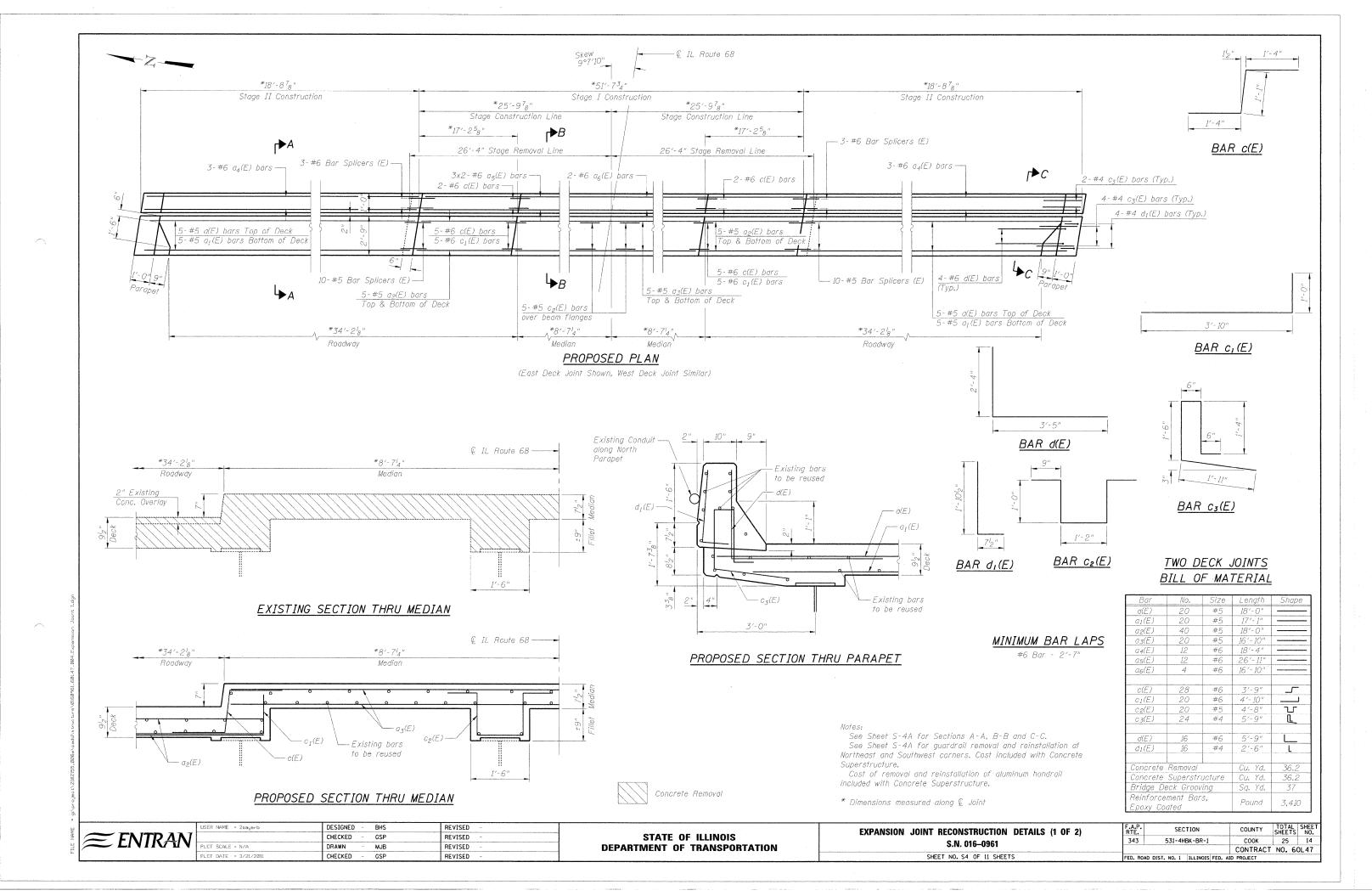
Symbol	Item Description	Unit	Quantity
	Protective Coat	Sq. Yd.	2,608
	Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft,	250
	Deck Slab Repair (Partial)	Sq. Yd.	2

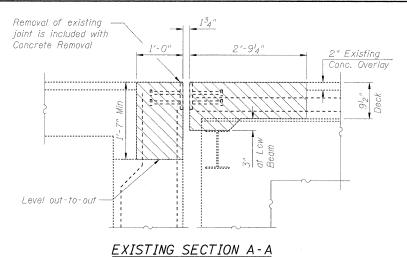
HMA resurfacing. See Roadway Plans.

USER NAME = 2sayerb	DESIGNED	-	BHS	REVISED -	
	CHECKED	-	GSP	REVISED -	
PLOT SCALE = N/A	DRAWN	-	MJB	REVISED -	
PLOT DATE = 2/28/2011	CHECKED	-	GSP	REVISED -	

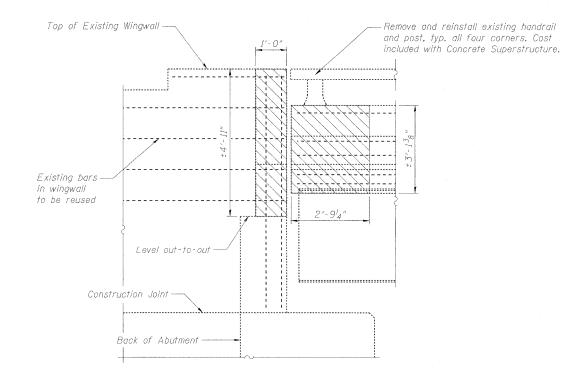
STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** BRIDGE DECK & APPROACH SLAB RESURFACING PLAN S.N. 016-0961 SHEET NO. S3 OF 11 SHEETS

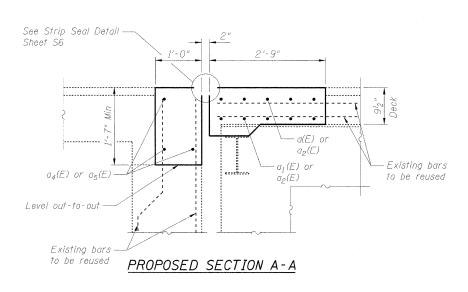
F.A.P. RTE. 343 SECTION 531-4HBK-BR-1



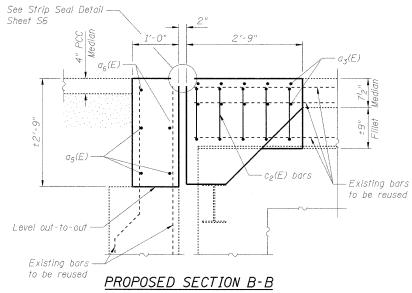


Removal of existing joint is included with Concrete Removal 1'-0" 2'-9'4" Level out-to-out

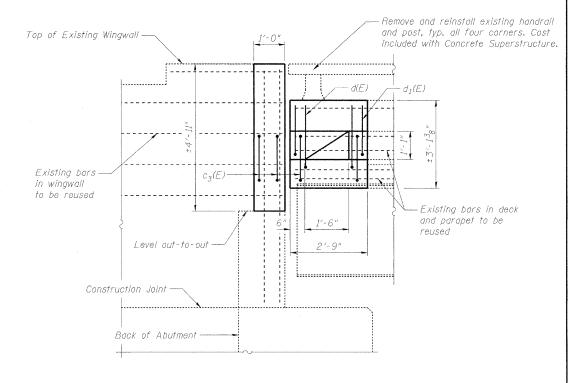




EXISTING SECTION B-B



EXISTING SECTION C-C



Remove and reinstall guardrail terminal section Cost included with Concrete Superstructure

GUARDRAIL TERMINAL DETAIL

(at Northeast and Southwest Corners)



PROPOSED SECTION C-C

EN	ITR	AN

USER NAME = 2sayerb	DESIGNED	~	BHS	REVISED	-
	CHECKED	-	GSP	REVISED	`~
PLOT SCALE = N/A	DRAWN	-	MJB	REVISED	-
PLOT DATE = 3/21/2011	CHECKED	-	GSP	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

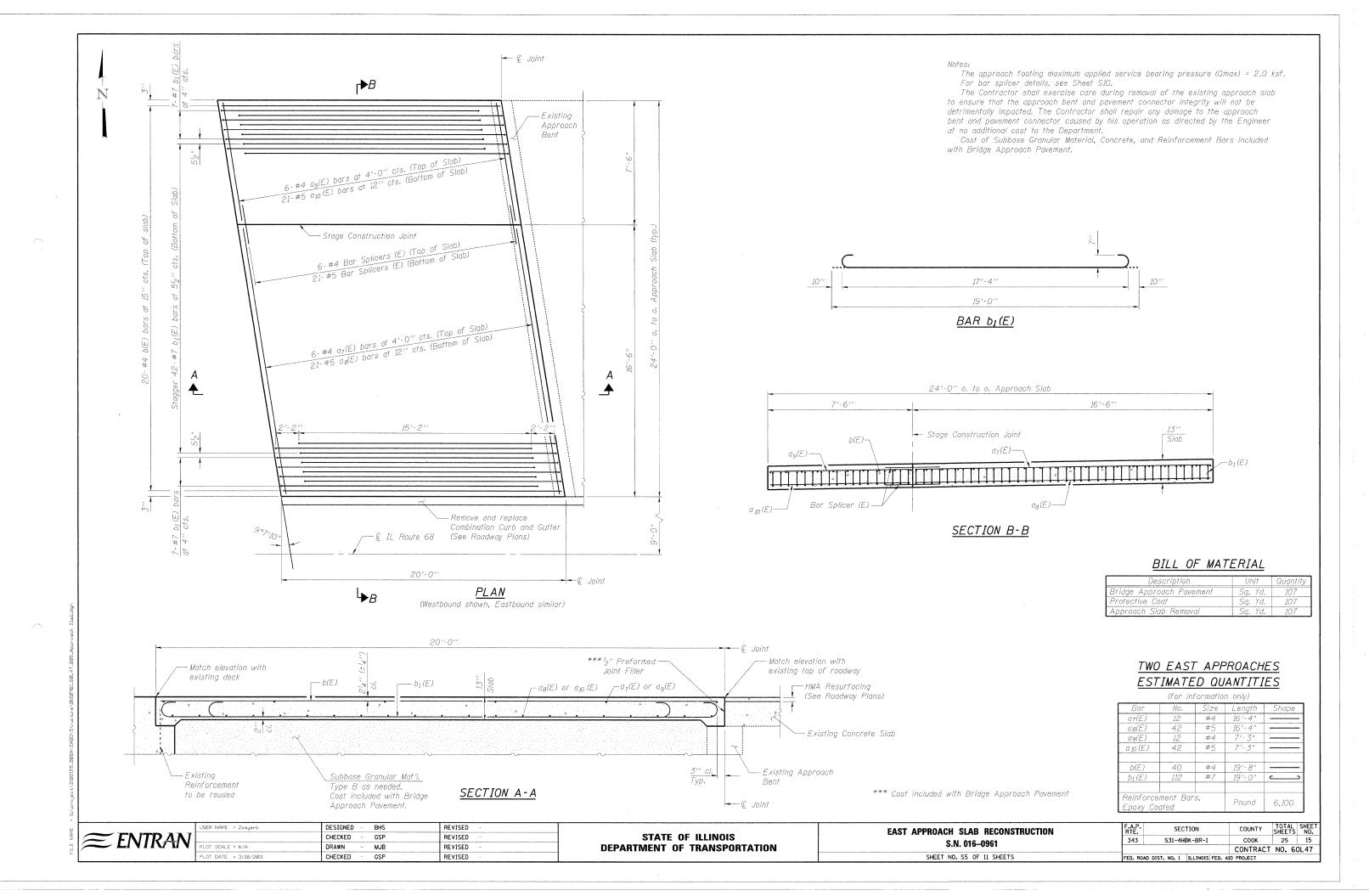
EXPANSION JOINT RECONSTRUCTION DETAILS (2 S.N. 016–0961				(2	OF	2)		
		S.N. 016-0	0961					
	SH	EET NO.S4A OF	11 SHEE	rs				

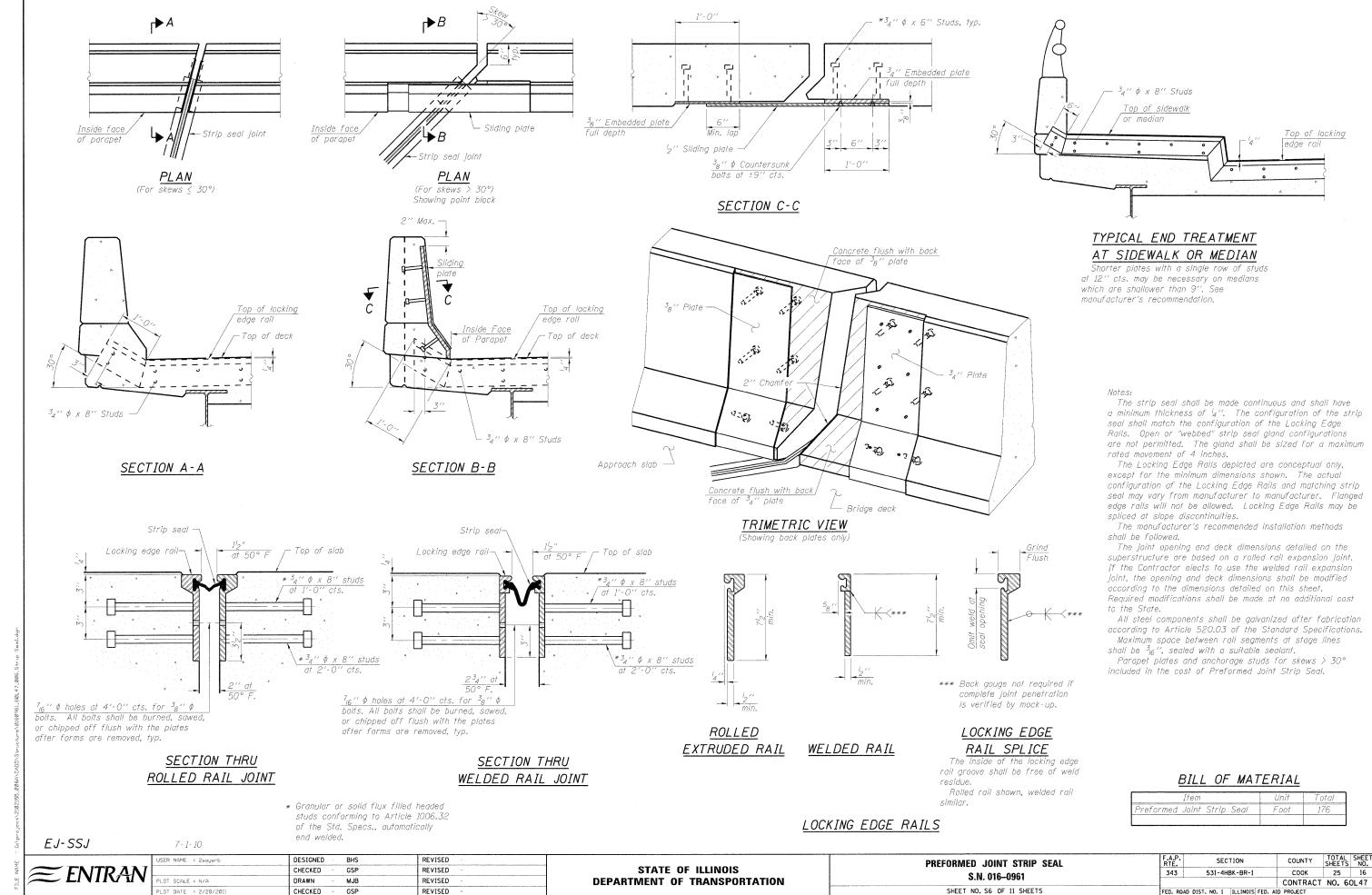
	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	343	531-4HBK-BR-1	СООК	25	14A
_			CONTRACT	NO. 60	0L47
	FED. RO	AD DIST. NO. 1 ILLINOIS FED. AI	D PROJECT		

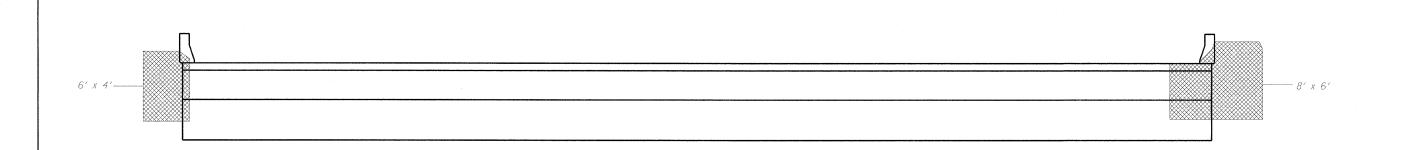
AME = g:\project\2102155_006a\cadd\structure\D16

FILE NAME =

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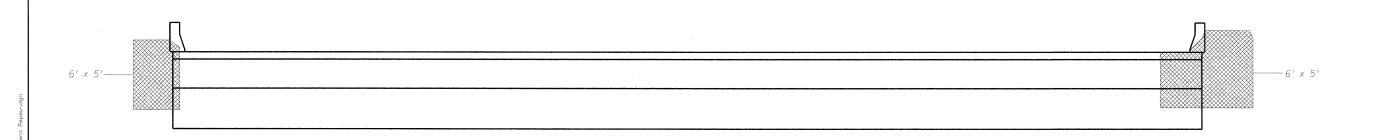




EAST ABUTMENT (Looking East)

BILL OF MATERIAL

Symbol	Item Description	Unit	Quantity
	Structural Repair of Concrete (Depth Greater than 5 inches)	Sq. Ft.	132



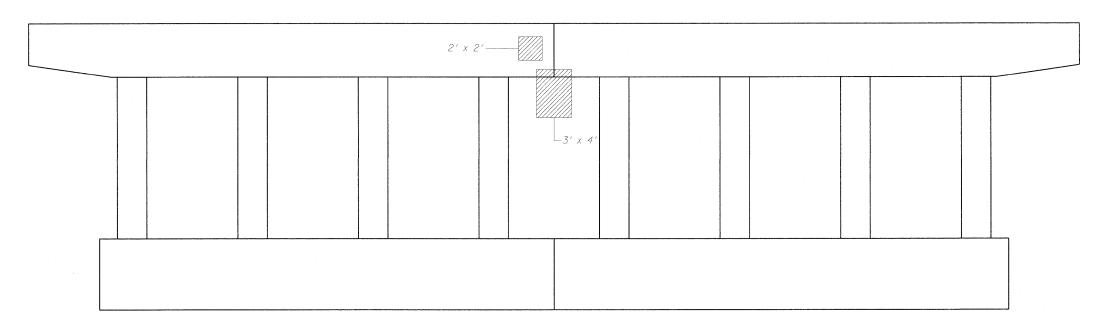
WEST ABUTMENT (Looking West)

\equiv	ENTRAN

USER NAME = 2sayerb	DESIGNED	-	BHS	REVISED -
	CHECKED	-	GSP	REVISED -
PLOT SCALE = N/A	DRAWN	-	MJB	REVISED -
PLOT DATE = 3/18/2011	CHECKED	-	GSP	REVISED -

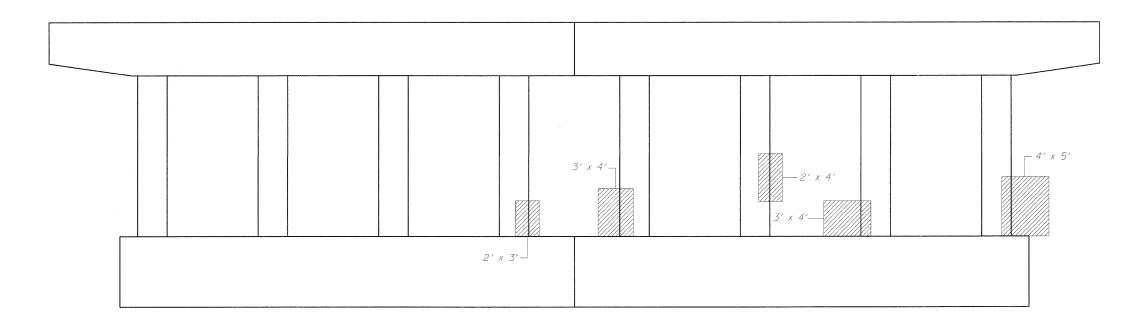
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE ABUTMENT REPAIR PLAN S.N. 016-0961 SHEET NO. S7 OF 11 SHEETS



MIDDLE PIER WEST FACE

(Looking East)



WEST PIER EAST FACE

(Looking West)

BILL OF MATERIAL

Symbol	Item Description	Unit	Quantity
	Structural Repair of Concrete (Depth equal to or less than 5 inches)	Sq. Ft.	74

≈ ENTRAN

USER NAME = 2sayerb	DESIGNED	-	BHS	REVISED -	=	_
	CHECKED	-	GSP	REVISED -		
PLDT SCALE = N/A	DRAWN	-	MJB	REVISED -	-	
PLOT DATE = 2/28/2011 .	CHECKED	-	GSP	REVISED -		ı

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

S.N. 016-0961
SHEET NO. S8 OF 11 SHEETS

DETAIL OF SLOPE WALL REPAIR

SLOPE WALL REMOVAL AND SLOPE WALL 4 INCH

Location	Length	Ave. Width	Area (Sq. Yd.)
Southeast Quadrant	41'	7.5′	34
Southwest Quadrant	41.5′	11.25′	52
Northwest Quadrant	41.5′	6.75′	31
Northeast Quadrant	41'	5.25′	24

STONE RIPRAP, CLASS A4 AND FILTER FABRIC

Location	Length	Ave. Width	Area (Sq. Yd.)
Southeast Quadrant	20'	6′	13
Southwest Quadrant	50′	4'	22
Northwest Quadrant	15'	4'	7
Northeast Quadrant	25'	6'	17

SUBBASE GRANULAR MATERIAL, TYPE B

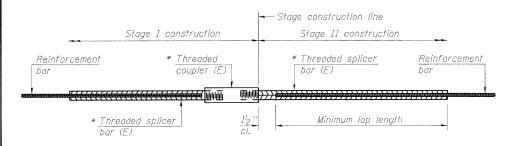
Location	Estimated Weight (tons)
Southeast Quadrant	6
Southwest Quadrant	10
Northwest Quadrant	6 .
Northeast Quadrant	4

BILL OF MATERIAL

Item Description	Unit	Quantity
Stone Riprap, Class A4	Sq. Yd.	59
Filter Fabric	Sq. Yd.	59
Subbase Granular Material, Type B	Tons	26
Slope Wall Removal	Sq. Yd.	141
Slope Wall 4 Inch	Sq. Yd.	141



USER NAME = 2sayerb	DESIGNED - BHS	REVISED -
	CHECKED - GSP	REVISED -
PLOT SCALE = N/A	DRAWN - MJB	REVISED -
PLOT DATE = 3/18/2011	CHECKED - GSP	REVISED -



STANDARD BAR SPLICER ASSEMBLY

Minimum Lap Lengths							
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5		
3, 4	1'-5''	1'-11''	2'-1''	2'-4"	2'-3''		
5	1'-9''	2'-5"	2'-7''	2'-11''	2'-10''		
6	2'-1''	2'-11''	3'-1''	3'-6"	3'-4''		
7	2'-9"	3'-10''	4'-2''	4'-8''	4'-6''		
8	3'-8''	5'-1''	5′-5′′	6'-2''	5′-10′′		
9	4'-7''	6'-5''	6′-10′′	7'-9''	7′-5′′		

Table 1: Black bar, 0.8 Class C

Table 2: Black bar, Top bar lap, 0.8 Class C

Table 3: Epoxy bar, 0.8 Class C

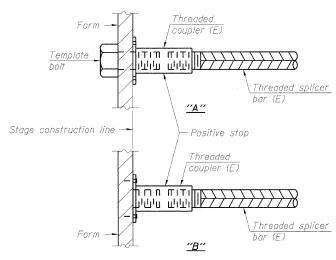
Table 4: Epoxy bar, Top bar lap, 0.8 Class C

Table 5: Epoxy bar, Top bar lap, Class B

Threaded splicer bar length = min. lap length + 1^{l_2} " + thread length

* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

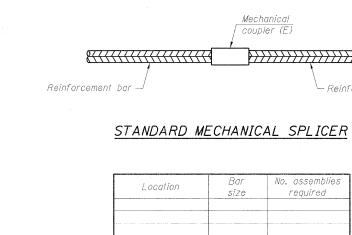
Location	Bar	No. assemblies	Table for minimum
LUCUITOII	size	required	lap length
E. Deck Joint	5	20	Table 3
E. Deck Joint	6	6	Table 4
W. Deck Joint	5	20	Table 3
W. Deck Joint	6	6	Table 4
E. Appr. Slabs	4	12	Table 3
E. Appr. Slabs	5	42	Table 3



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.



- Reinforcement bar

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

All reinforcement shall be lapped and tied to the splicer bars.

Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See special provision for Mechanical Splicers.

See approved list of bar splicer assemblies and mechanical splicers for alternatives.

Reinforcement Threaded Threaded splicer bar (E)

Threaded splicer bar (E)

Threaded splicer bar (E)

4'-0'' 6'-0''

BAR SPLICER ASSEMBLY FOR #5 BAR ON INTEGRAL OR SEMI-INTEGRAL ABUTMENTS

No. required =

•

No. required =

Threaded splicer
bar (E)

Abutment

hatch block Threaded

couplers (E.

BSD-1

7-1-10

	USER NAME = 2sayerb	DESIGNED - BHS	REVISED -	
ENTRAN		CHECKED - GSP	REVISED - <	
	PLOT SCALE = N/A	DRAWN - MJB	REVISED -	
	PLOT DATE = 2/28/2011	CHECKED - GSP	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

6'-0"

Threaded splicer bar (E)

Approach slab

BAR SPLICER ASSEMBLY FOR

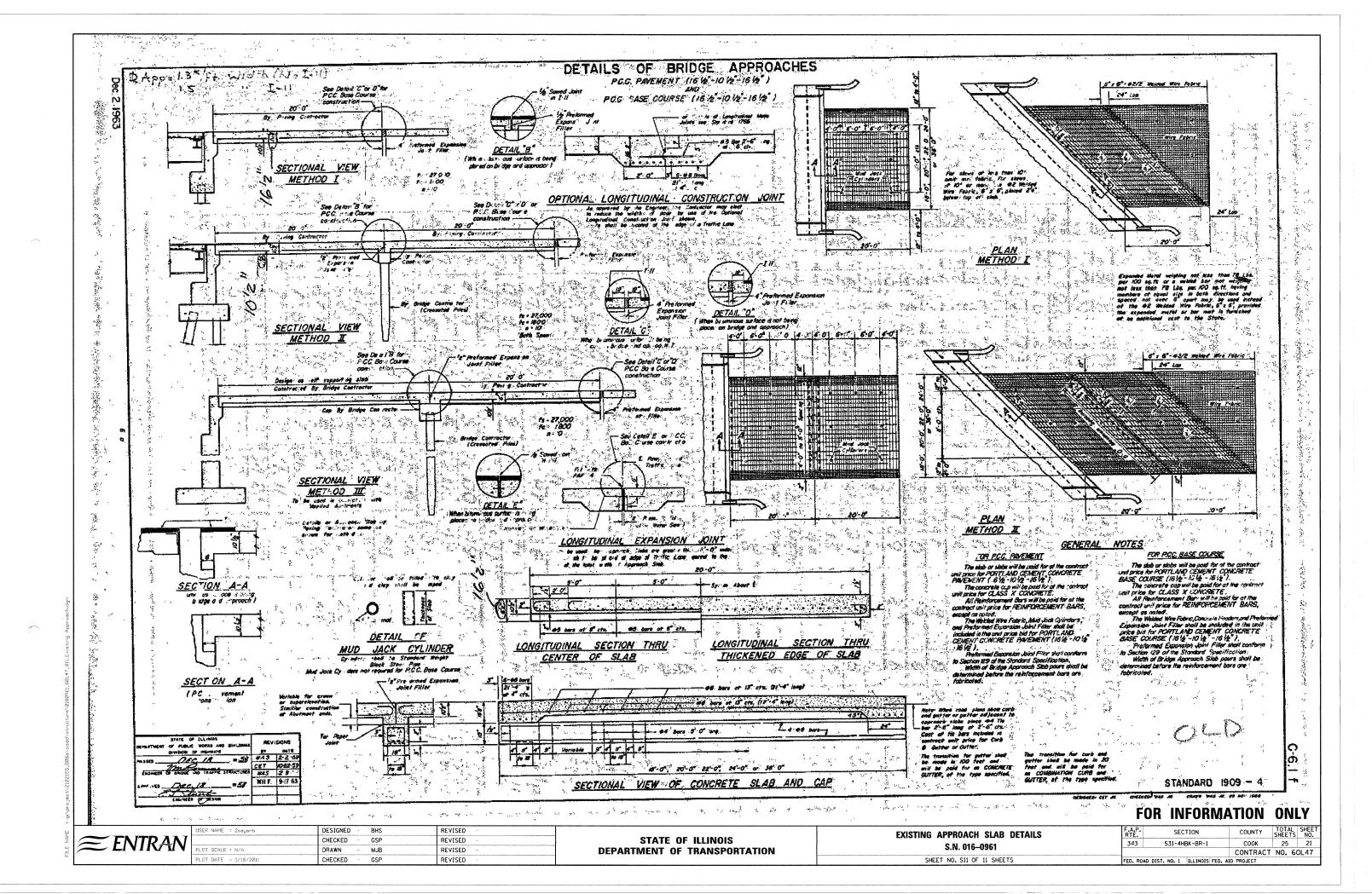
#5 BAR ON STUB ABUTMENTS

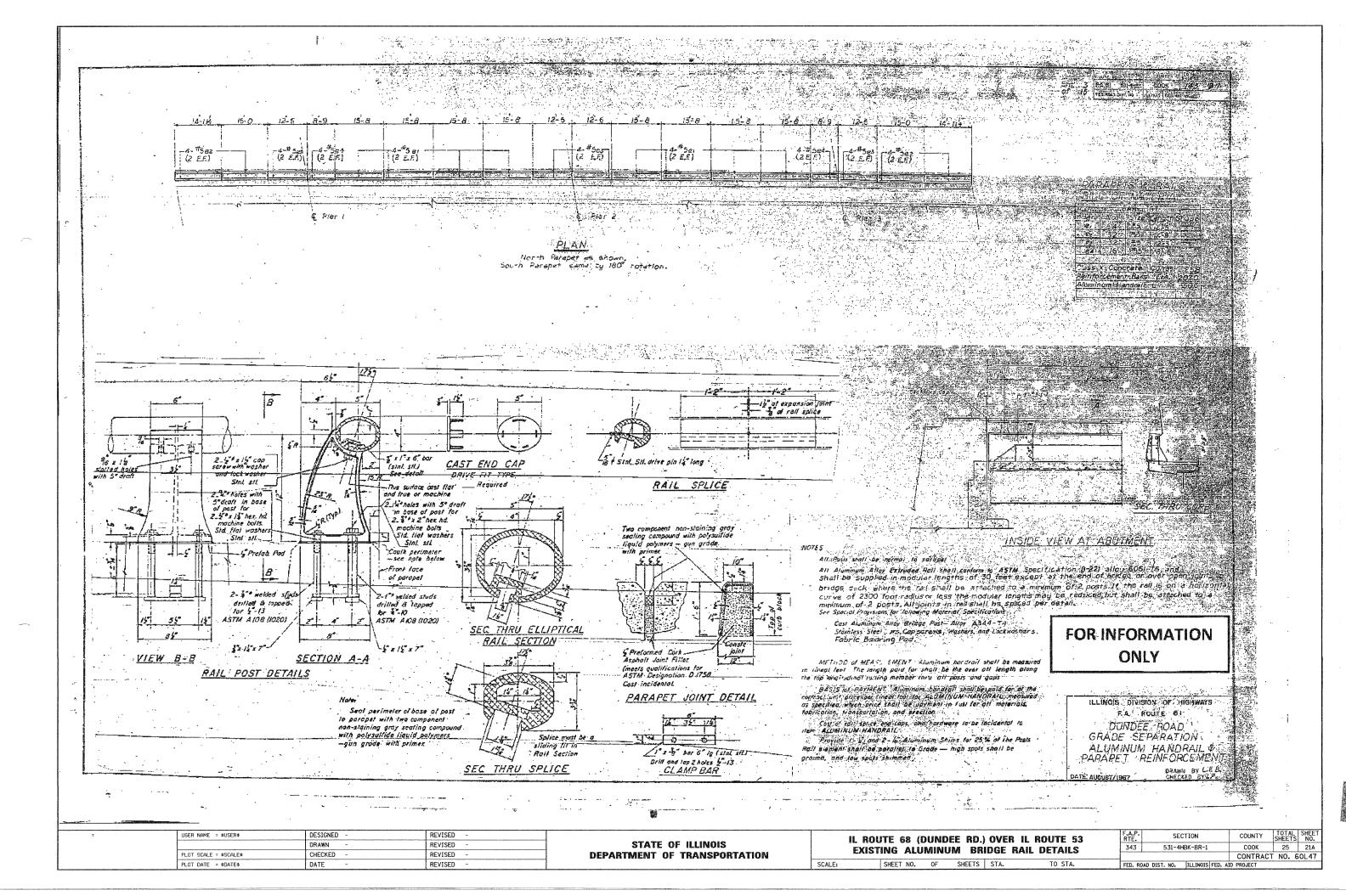
| F.A.P. | SECTION | COUNTY | TOTAL | SHEET | S.N. 016-0961 | SHEET | NO. S10 OF 11 SHEETS | SHEETS | SHEET |

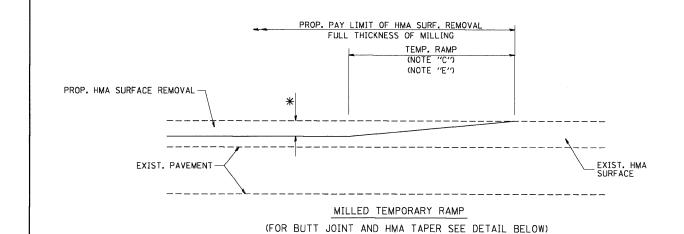
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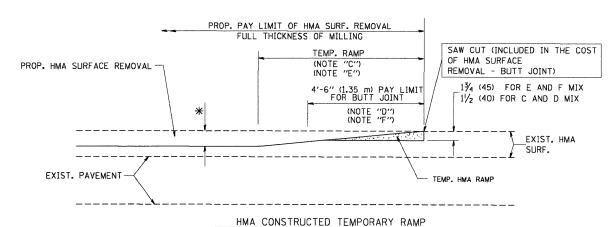
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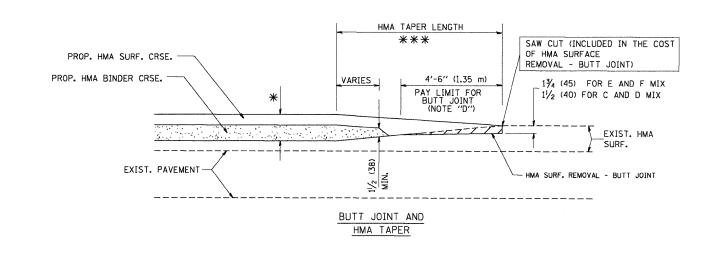
OPTION 1



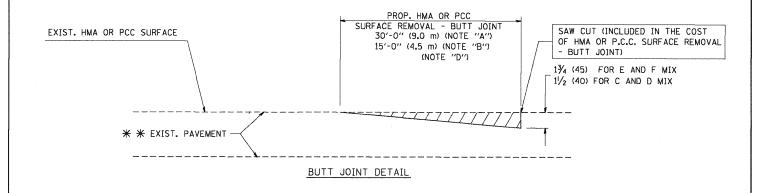
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

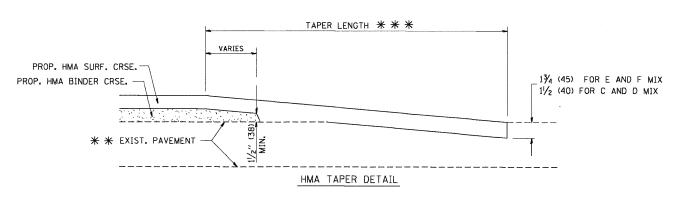
OPTION 2

TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

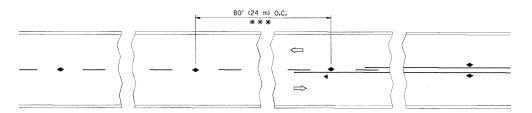
- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B: MINOR SIDE ROADS.
- C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL BUTT JOINT
- G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** ** * 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SOUARE YARD (SOUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

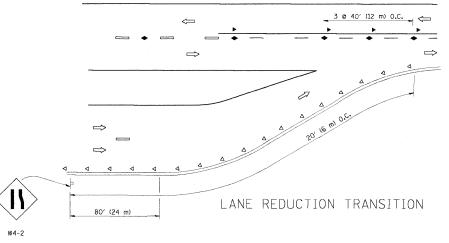
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

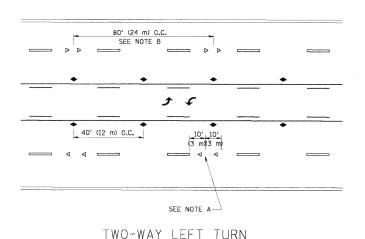
PLOT SCALE = 50.0000 '/ IN.	SCALE: NO	NONE SHEET NO 1 OF 1 SHEETS STA TO STA		
TEUT SCHEE - SOLDEDON / IN. CHECKED - REVISED - M. GUMEZ U4-U6-			DU4UU-UD DUJZ	CONTRACT NO.60L47
PLOT SCALE = 50.0000 '/ IN. CHECKED - REVISED - M. GOMEZ 04-06-	DEPARTMENT OF TRANSPORTATION	HMA TAPER DETAILS	BD400-05 BD32	
DITAMIN NEVISED - A. ADDAS US-ZI-	STATE OF ILLINOIS		343 531-4HBK-BR-1	COOK 25 22
W:\diststd\22x34\bd32.dgn	STATE OF ILLINOIS	BUTT JOINT AND	RTE. SECTION	SHEETS NO.
FILE NAME = USER NAME = gaglianobt DESIGNED - M. DE YONG REVISED - R. SHAH 10-25-94			F.A.P. SECTION	COUNTY TOTAL SHEET

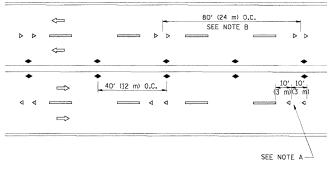


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

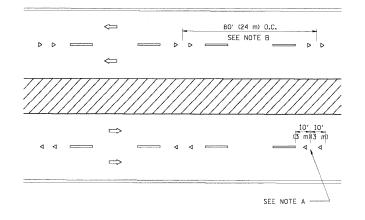
TWO-LANE/TWO-WAY











MULTI-LANE/DIVIDED

GENERAL NOTES

- 1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- 2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- 3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

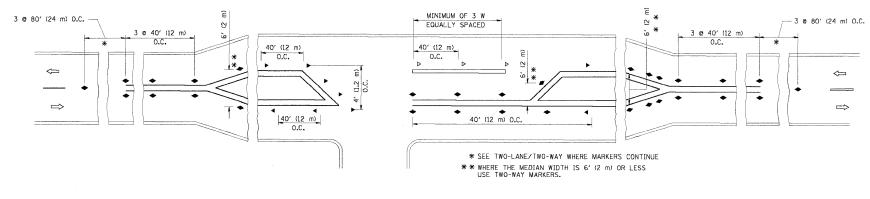
- YELLOW STRIPE

---- WHITE STRIPE

- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (₩/O)
- ◆ TWO-WAY AMBER MARKER

DESIGN NOTES

- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
- 4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

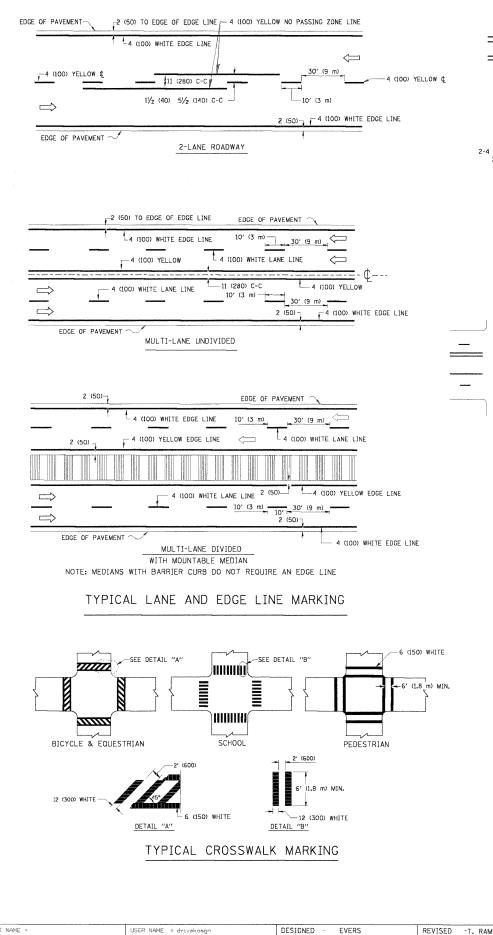
All dimensions are in inches (millimeters) unless otherwise shown.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS

RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

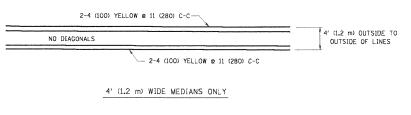
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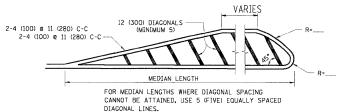


PLOT SCALE = 50.000 '/ IN.

DATE

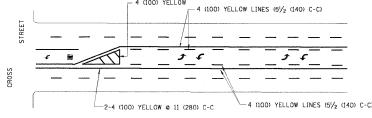
03-19-90



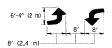


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) T0 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

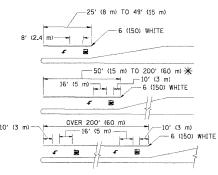


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

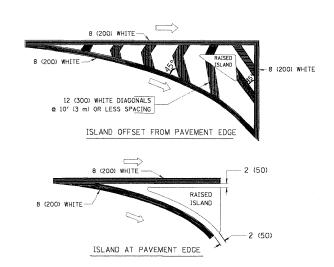
TYPICAL PAINTED MEDIAN MARKING



** TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW: EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART 5' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' 11.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS	SOLID	YELLOW: TWO WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE
	e 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS		WHITE: ONE WAY TRAFFIC	SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSYERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SD. FT. (0.33 m²) EACH "X"=54.0 SD. FT. (5.0 m²)
SHOULDER DIAGONALS	12 (300) æ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) T0 45MPH (70 km/h)) 150' (45 m) C-C (0VER 45MPH (70 km/h))

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

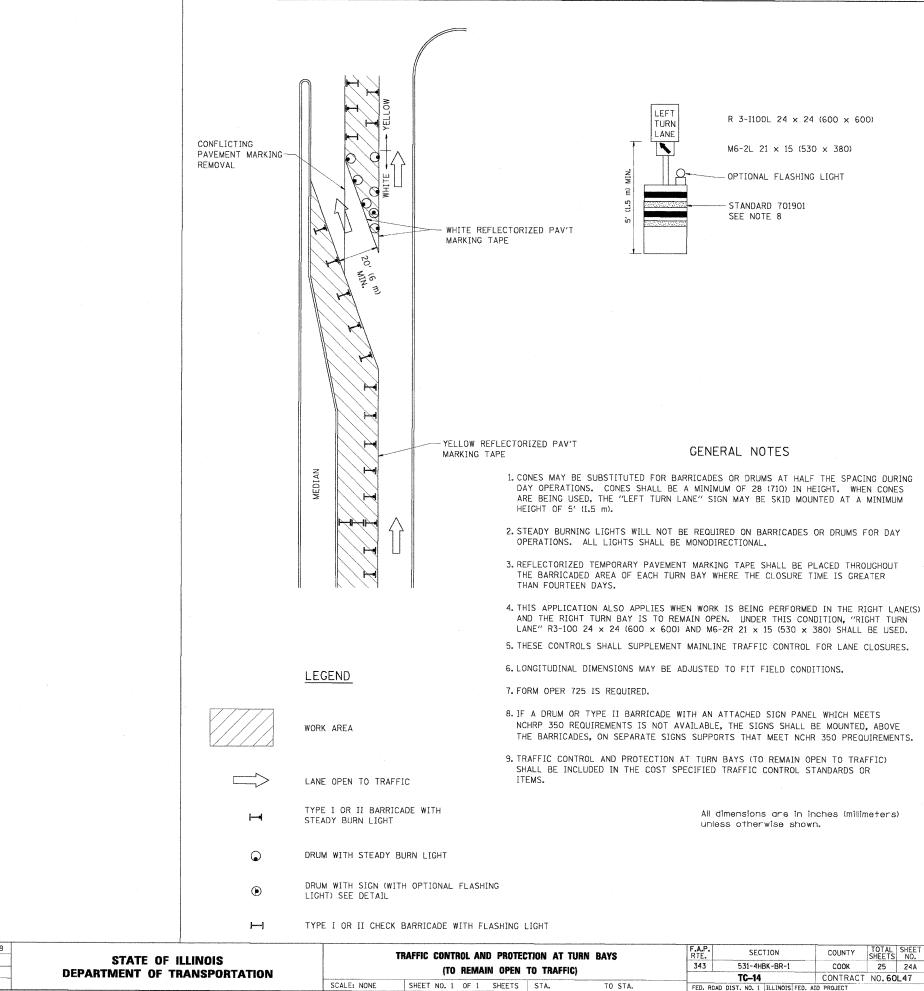
All dimensions are in inches (millimeters) unless otherwise shown.

DESIGNED	-	EVERS	REVISED	-T.	RAMMACHER	10-27-94	_
DRAWN	-		REVISED	-C.	JUCIUS	09-09-09	
CHECKED	-		REVISED				

REVISED

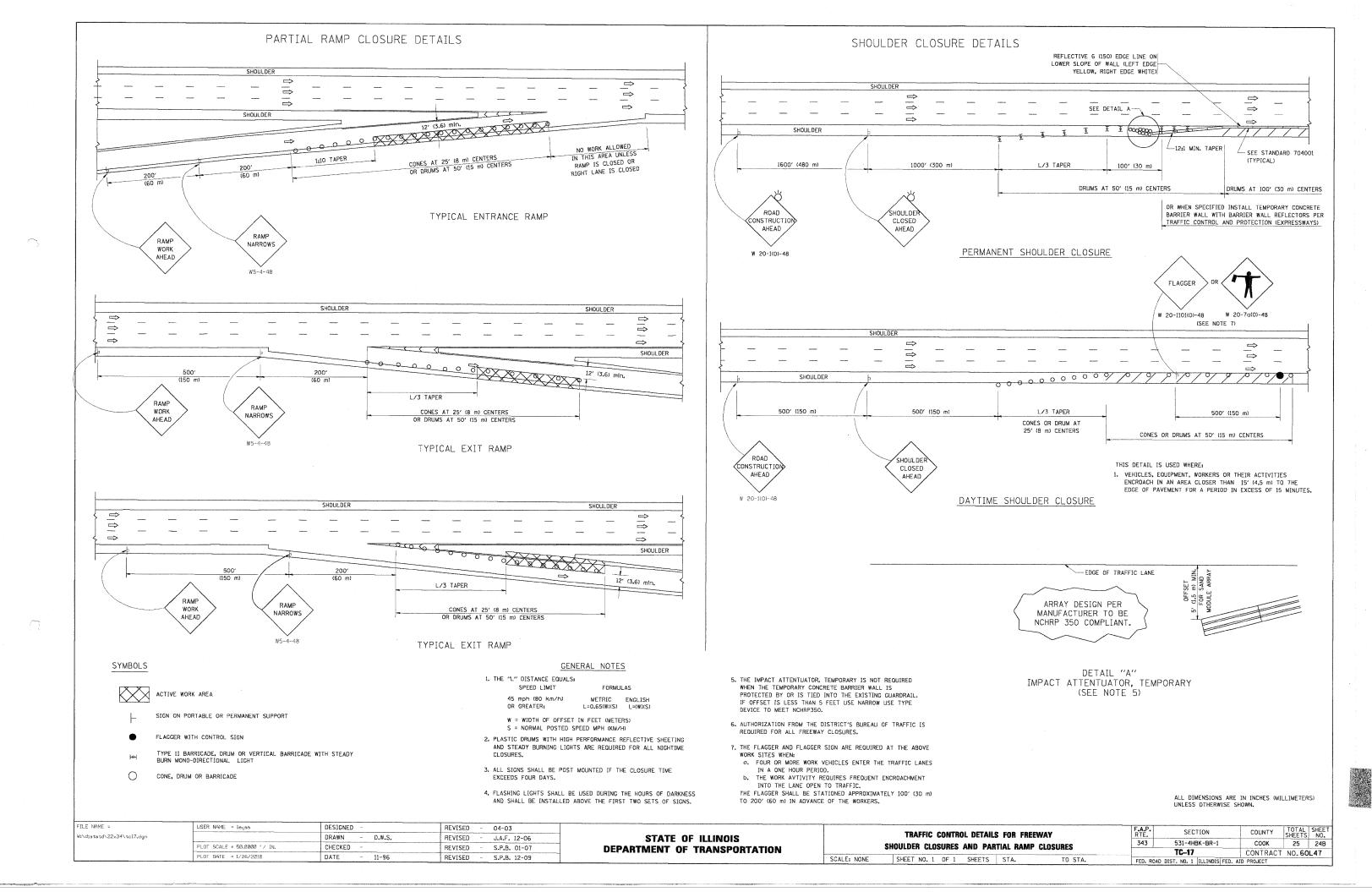
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

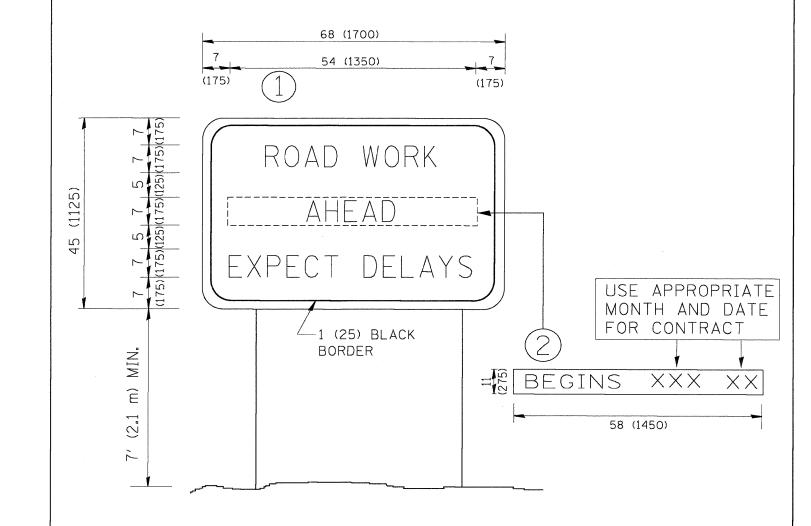
DISTRICT ONE TYPICAL PAVEMENT MARKINGS						F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.
						343	531-4HBK-BR-1	COOK	25	24
TITIOAL PAYLWENT WANKING							TC-13		CONTRACT NO. 60L47	
	SCALE: NONE	SHEET NO. 1 ()F 1	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



FILE NAME = USER NAME = drivakosgn REVISED -T. RAMMACHER 09-08-94 REVISED \pwwwork\PWIDOT\DRIVAKOSGN\dØ108315\1 - A. HOUSEH 11-07-95 REVISED PLOT SCALE = 49,9999 '/ IN. REVISED - A. HOUSEH 10-12-96 REVISED PLOT DATE = 9/14/2009 REVISED -T. RAMMACHER 01-06-00 REVISED

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT





NOTES:

- 1. USE BLACK LETTERING ON ORANGE BACKGROUND.
- 2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
- 3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
- 4. REMOVE PANEL 2 SOON AFTER THE START OF CONSTRUCTION.
- 5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
- 6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
- 7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97		AMPRILL DO AD	F.A.P. SECTION	COUNTY TOTAL SHEET
W:\diststd\22x34\to22.d	dgn	DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS	ARTERIAL ROAD	343 531-4HBK-BR-1	SHEETS NO.
	PLOT SCALE = 50.000 '/ IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION	INFORMATION SIGN	TC-22	COOK 25 25 CONTRACT NO.60L47
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS F	