

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

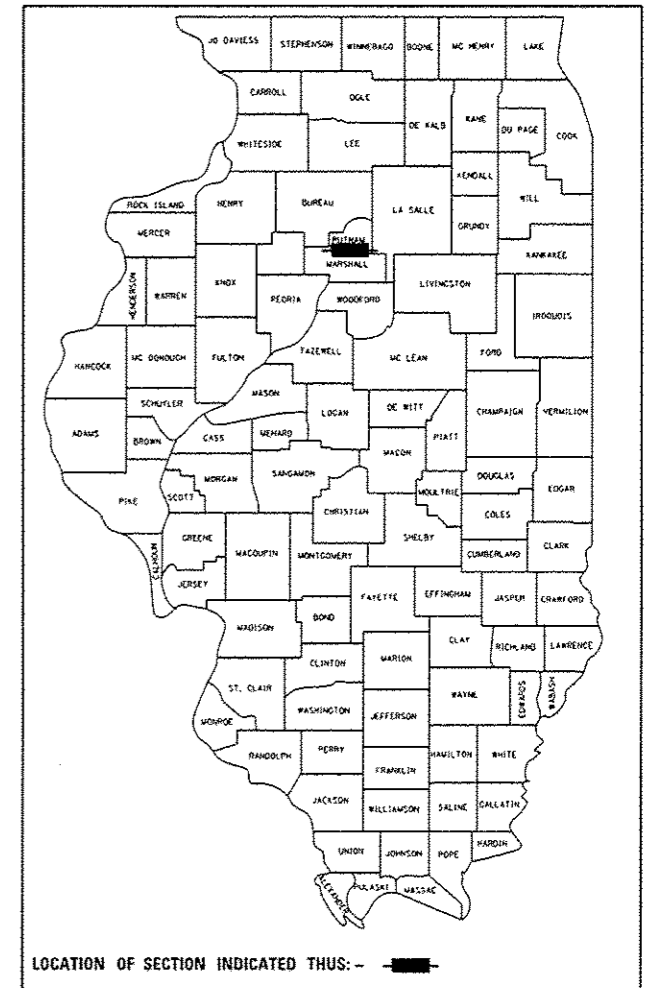
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 653 (IL 18)
SECTION (105BR-3)I
IL ROUTE 18 BRIDGE DECK REPLACEMENT
OVER DRAINAGE DITCH
PUTNAM COUNTY

C-94-053-06
STP-0653(033)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	1
		ILLINOIS	CONTRACT NO. 68579	

D-94-046-06

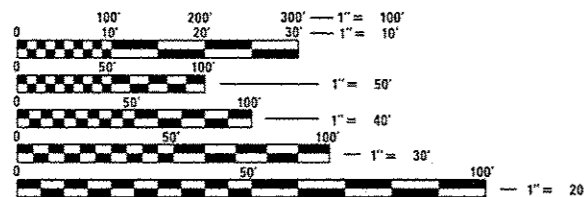


FOR INDEX OF SHEETS, SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL (RURAL)
CLASS II TRUCK ROUTE

TRAFFIC DATA:

IL 18
2011 ADT = 1,250
2033 ADT = 1,735
SU = 3.2%, MU = 4.8%
DHV = 120
POSTED SPEED LIMIT (55 MPH)
DESIGN SPEED LIMIT (55 MPH)



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.

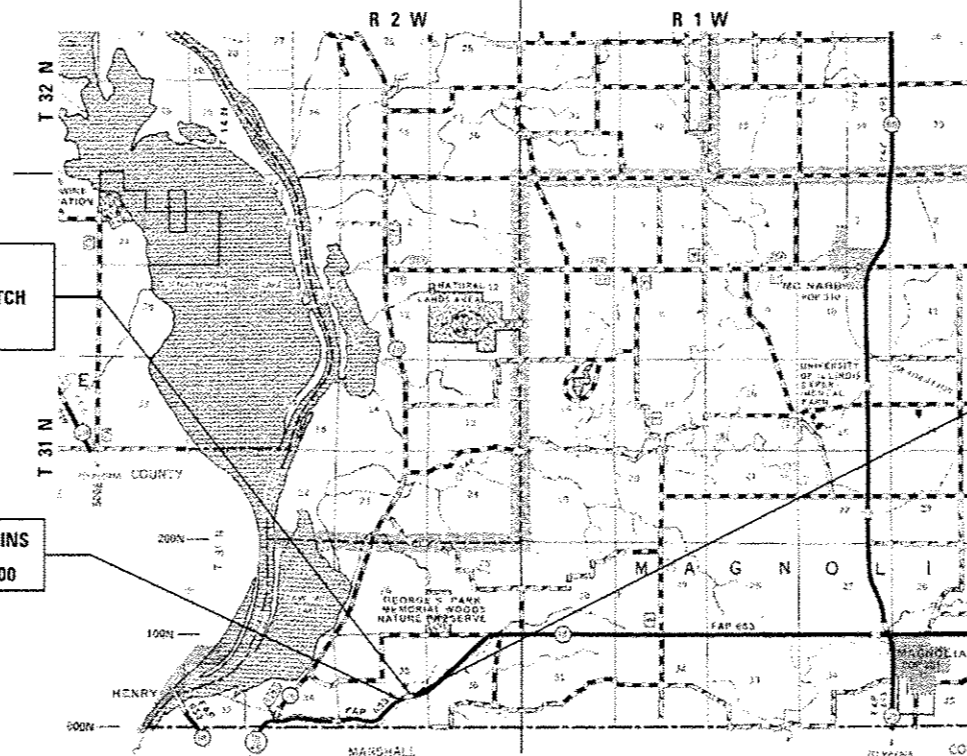
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
QR 811

IDOT PROJECT MANAGER: MR. KEVIN HORST (309) 671-3472
IDOT PROJECT ENGINEER: MR. RICH DOTSON (309) 671-3455
CATALOG NO. 033207-00D
CONTRACT NO. 68579

PROJECT LOCATION
IL 18 BRIDGE OVER DRAINAGE DITCH
STRUCTURE NO. 078-0033

PROJECT BEGINS
STA. 123 + 70.00

PROJECT ENDS
STA. 125 + 70.00



LAYOUT MAP
SCALE: 1" = 1 MILE

GROSS LENGTH = 200.00 FT. = 0.038 MILE
NET LENGTH = 200.00 FT. = 0.038 MILE

DAVID N. BILLOW
81003186
LICENSED
STRUCTURAL
ENGINEER
OF
ILLINOIS
PROJECT MANAGER

BRYAN A. PERRY, D.
062-050883
REGISTERED
PROFESSIONAL
ENGINEER
OF
ILLINOIS
PROJECT ENGINEER

LICENSE EXPIRES 11-30-18
LICENSE EXPIRES 11-30-17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3/24 20 17
K.A. Rutter
REGIONAL ENGINEER

May 12 20 17
Moussam M. Adibpey
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 20 17
David A. Rutter 2
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS AND STATUS OF UTILITIES
- 3-7 SUMMARY OF QUANTITIES
- 8 TYPICAL SECTIONS
- 9 SCHEDULE OF QUANTITIES
- 10 ALIGNMENT, TIES, AND BENCHMARKS
- 11 ROADWAY PLAN AND PROFILES
- 12 GUARDRAIL LAYOUT PLAN
- 13-14 MAINTENANCE OF TRAFFIC PLAN
- 15 EROSION CONTROL AND LANDSCAPING PLAN
- 16 PAVEMENT MARKING PLANS
- 17-25 BRIDGE PLANS

- DISTRICT 4 STANDARDS
- 26 205001-04 SLOPE STEPS DETAIL
- 27-29 406101-04 BUTT JOINTS (3 SHTS)
- 30 440001-04 HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
- 31-32 630101-04 GUARDRAIL EROSION CONTROL TREATMENTS (2 SHTS)
- 33 667101-04 PERMANENT SURVEY TIE AND PERMANENT SURVEY
- 34-35 780001-04 TYPICAL PAVEMENT MARKINGS (2 SHTS)

- 36-39 CROSS SECTIONS

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001001-02 AREAS OF REINFORCEMENT BARS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 280001-07 TEMPORARY EROSION CONTROL SYSTEMS
- 482001-02 HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
- 515001-03 NAME PLATE FOR BRIDGES
- 630001-11 STEEL PLATE BEAM GUARDRAIL
- 630301-07 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL
- 631032-09 TRAFFIC BARRIER TERMINAL, TYPE 6A
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701321-16 LANE CLOSURE, 2L, 2W, BRIDGE REPAIR WITH BARRIER
- 701901-06 TRAFFIC CONTROL DEVICES
- 704001-08 TEMPORARY CONCRETE BARRIER
- 725001-01 OBJECT AND TERMINAL MARKERS
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 781001-04 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

COMMITMENTS

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

GENERAL NOTES

AVAILABILITY OF ELECTRONIC FILES

MICROSTATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR AFTER CONTRACT AWARD. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

TREE REMOVAL - UTILITY RELOCATION

TREE REMOVAL MAY BE NECESSARY PRIOR TO UTILITY COMPANIES BEING ABLE TO RELOCATE THEIR FACILITIES OUTSIDE THE CONSTRUCTION LIMITS. THE CONTRACTOR SHOULD COORDINATE ANY CONTRACT TREE REMOVAL ACTIVITIES WITH THE UTILITY COMPANIES TO ELIMINATE CONFLICTS AND POTENTIAL DELAYS CAUSED BY UTILITY TREE REMOVAL ACTIVITIES OR INCOMPLETE UTILITY RELOCATIONS.

PLAN ELEVATIONS - U.S.G.S. MEAN SEA LEVEL DATUM

ALL ELEVATIONS SHOWN ON THE PLANS ARE ESTABLISHED FROM U.S.G.S. MEAN SEA LEVEL DATUM.

PROPERTY OWNER ACCESS REQUIREMENT

ACCESS MUST BE MAINTAINED TO ALL EXISTING PROPERTIES DURING CONSTRUCTION PER ARTICLE 107.09 UNLESS ARRANGEMENTS ARE MADE IN WRITING BY THE CONTRACTOR WITH THE PROPERTY OWNERS WITH A COPY TO THE ENGINEER FOR SHORT-TERM CLOSURES.

TREE REMOVAL

THE DISTRICT FOUR TREE COMMITTEE SHOULD BE CONTACTED AND PRIOR APPROVAL OBTAINED FOR ANY TREE REMOVAL BEYOND THE LIMITS/LOCATIONS INCLUDED IN THE PLANS

ENVIRONMENTAL REVIEWS

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- BDE FORM 2289 (CULTURAL AND NATURAL RESOURCES REVIEW OF BORROW AREAS)
- BDE FORM 2290 (WASTE/USE AREA REVIEW)
- A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- BORROW AREA ENTRY AGREEMENT FORM - 04 P10101

PLEASE NOTE THAT A MINIMUM OF FOUR WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED WASTE SITE ENVIRONMENTAL CLEARANCES AND FIVE WEEKS FOR THE REQUIRED BORROW SITE ENVIRONMENTAL CLEARANCES.

STATUS OF UTILITIES

NAME OF UTILITY COMPANY: FRONTIER

LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
IL 18 STA. 123+70 TO STA. 124+82 LT	PHONE	GUARDRAIL, GRADING	CAUTION

PAVEMENT STATION NUMBERS & PLACEMENT

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20 MM) WIDE, 5 INCHES (125 MM) HIGH AND 5/8 INCH (15 MM) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN: INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING) BOTTOM OF NUMBERS - 6 INCHES (150 MM) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

LOCATION - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS

POSITION - STATIONS SHALL BE PLACED SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)", WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF THE ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

BUTT JOINT CUTTING TIME RESTRICTION

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE (3) DAYS PRIOR TO PLACEMENT OF THE HMA SURFACE COURSE.

PAVING SURFACE COURSE

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

CROSSING EXISTING STRUCTURES WITH EQUIPMENT

THE FOLLOWING STRUCTURE "SN 078-0033" MAY BE CROSSED WITH A MILLING MACHINE. (TO BE VERIFIED WITH BRIDGE OFFICE).

ANY STRUCTURES NOT LISTED ABOVE SHALL BE VERIFIED BY THE RESIDENT PRIOR TO BEGINNING OF WORK.

TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

TEN FEET (10 FT.) (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.

ENGINEERS FIELD OFFICE

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (I) AND 670.04 (E): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

BITUMINOUS MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	SURFACE	SHOULDERS (SURFACE LIFT)
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N=50	4.0% @ N=50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5
FRICTION AGGREGATE:	MIX D	MIX D
QUALITY MANAGEMENT PROGRAM:	QCOA	QCOA

NOTES:

1. INDIVIDUAL LIFT THICKNESS OF EACH MIX TYPE WILL BE NO LESS THAN 3 TIMES NOMINAL MAXIMUM AGGREGATE SIZE AND NO MORE THAN 6 TIMES NOMINAL MAXIMUM AGGREGATE SIZE, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. FOR DESIGN PURPOSES, MIXTURE WEIGHT FOR ALL MIXES IS DETERMINED TO BE 112.0 LB/S.Y./IN., UNLESS OTHERWISE NOTED.
3. SUBLLOT SIZES FOR PFP AND OCP MIXES WILL BE 1000 TONS, UNLESS OTHERWISE AGREED TO BY THE ENGINEER AND THE PAVING CONTRACTOR.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY	80% FED 20% STATE SN 078-0033
				0004	0014
				RURAL	RURAL
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	30	30	
20101100	TREE TRUNK PROTECTION	EACH	4	4	
20400800	FURNISHED EXCAVATION	CU YD	185	185	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	826	826	
25000210	SEEDING, CLASS 2A	ACRE	0.2	0.2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	16	16	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	16	16	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	16	16	
25100630	EROSION CONTROL BLANKET	SO YD	826	826	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	34	34	
28000305	TEMPORARY DITCH CHECKS	FOOT	48	48	
28000400	PERIMETER EROSION BARRIER	FOOT	343	343	
28000500	INLET AND PIPE PROTECTION	EACH	2	2	
28100109	STONE RIPRAP, CLASS A5	SO YD	343		343

* SPECIALTY ITEM

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN -	REVISED -		SCALE: NTS	SHEET NO. 1 OF 5 SHEETS	STA. N/A	TO STA. N/A	653	(105BR-31)	PUTMAN	39	3
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -						CONTRACT NO. 68579				
	PLOT DATE = *DATE*	DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

14

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED	80% FED
				20% STATE	20% STATE
				ROADWAY	SN 078-0033
				0004	0014
				RURAL	RURAL
28200200	FILTER FABRIC	SO YD	343		343
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	341	341	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	220	220	
40600990	TEMPORARY RAMP	SO YD	54	54	
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	54	54	
50102400	CONCRETE REMOVAL	CU YD	0.6		0.6
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1		1
50300225	CONCRETE STRUCTURE	CU YD	0.6		0.6
50300255	CONCRETE SUPERSTRUCTURE	CU YD	48.3		48.3
50300260	BRIDGE DECK GROOVING	SO YD	98		98
50300300	PROTECTIVE COAT	SO YD	105		105
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	16,920		16,920
50800515	BAR SPLICERS	EACH	90		90
50901050	STEEL RAILING, TYPE SM	FOOT	58		58
51500100	NAME PLATES	EACH	1		1

* SPECIALTY ITEM

FILE NAME *	USER NAME * #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#	PLOT SCALE * #SCALE*	DRAWN -	REVISED -					653	(105BR-31)	PUTMAN	39	4
	PLOT DATE * #DATE*	CHECKED -	REVISED -		SCALE: NTS	SHEET NO. 2 OF 5 SHEETS	STA. N/A	TO STA. N/A	CONTRACT NO. 68579			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY	80% FED 20% STATE SN 078-0033
				0004	0014
				RURAL	RURAL
59000200	EPOXY CRACK INJECTION	FOOT	158		158
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	50.0	50.0	
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4	4	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	285	285	
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	1		1
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4	4	
67100100	MOBILIZATION	LSUM	1	1	
70100405	TRAFFIC CONTROL AND PROTECTION, STANDARD 701321	EACH	1	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1	
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1	
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6	
70107005	PAVEMENT MARKING BLACKOUT TAPE, 5"	FOOT	1768	1768	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	112	112	

* SPECIALTY ITEM

FILE NAME :	USER NAME : *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN -	REVISED -		663	(105BR-31)	PUTMAN	39	5				
	PLOT SCALE : *SCALE*	CHECKED -	REVISED -		SCALE: NTS				SHEET NO. 3 OF 5 SHEETS STA. N/A TO STA. N/A				
	PLOT DATE : *DATE*	DATE -	REVISED -		ILLINOIS FED. AID PROJECT CONTRACT NO. 68579								

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED	80% FED
				20% STATE	20% STATE
				ROADWAY	SN 078-0033
				0004	0014
				RURAL	RURAL
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	50 FT	756	756	
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	1595	1595	
70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	24	24	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	287.5	287.5	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	287.5	287.5	
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
* 78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	2460	2460	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	9	9	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	4	4	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	9	9	
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	70	70	
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	50 FT	15		15

* SPECIALTY ITEM

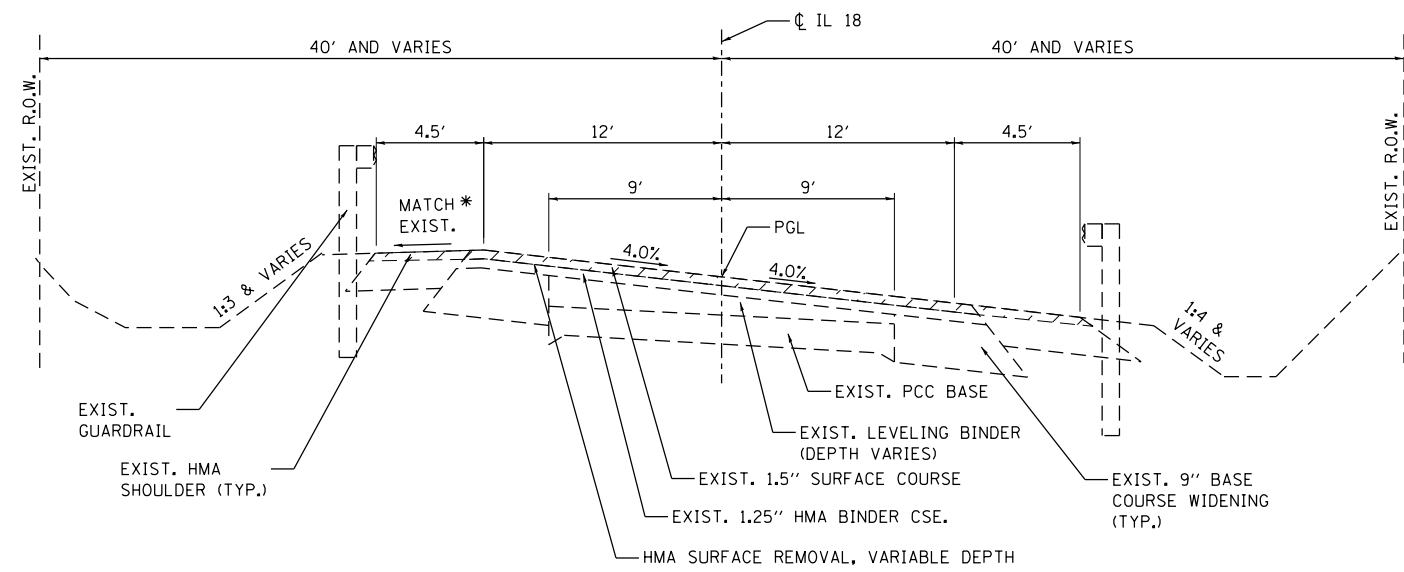
FILE NAME *	USER NAME * *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE#		DRAWN -	REVISED -		SCALE: NTS	SHEET NO. 4 OF 5 SHEETS	STA. N/A	TO STA. N/A	653	(105BR-31)	POTMAN	39	6
		CHECKED -	REVISED -						CONTRACT NO. 68579				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

14

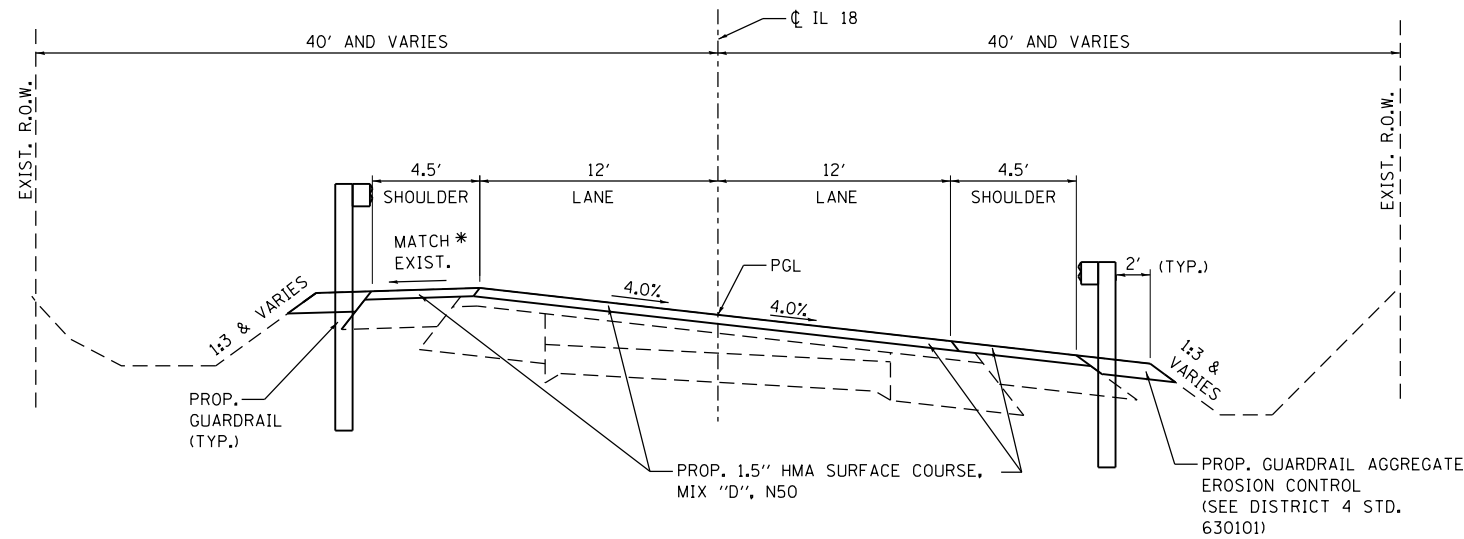
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY	80% FED 20% STATE SN 078-0033
				0004	0014
				RURAL	RURAL
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0.5	0.5
Z0073700	TEMPORARY WALL BRACING SYSTEM	LSUM	1		1
X0324028	GROUT FOR USE WITH RIPRAP	CU YD	76		76
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	411	411	
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14	14	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	580	580	

* SPECIALTY ITEM

6

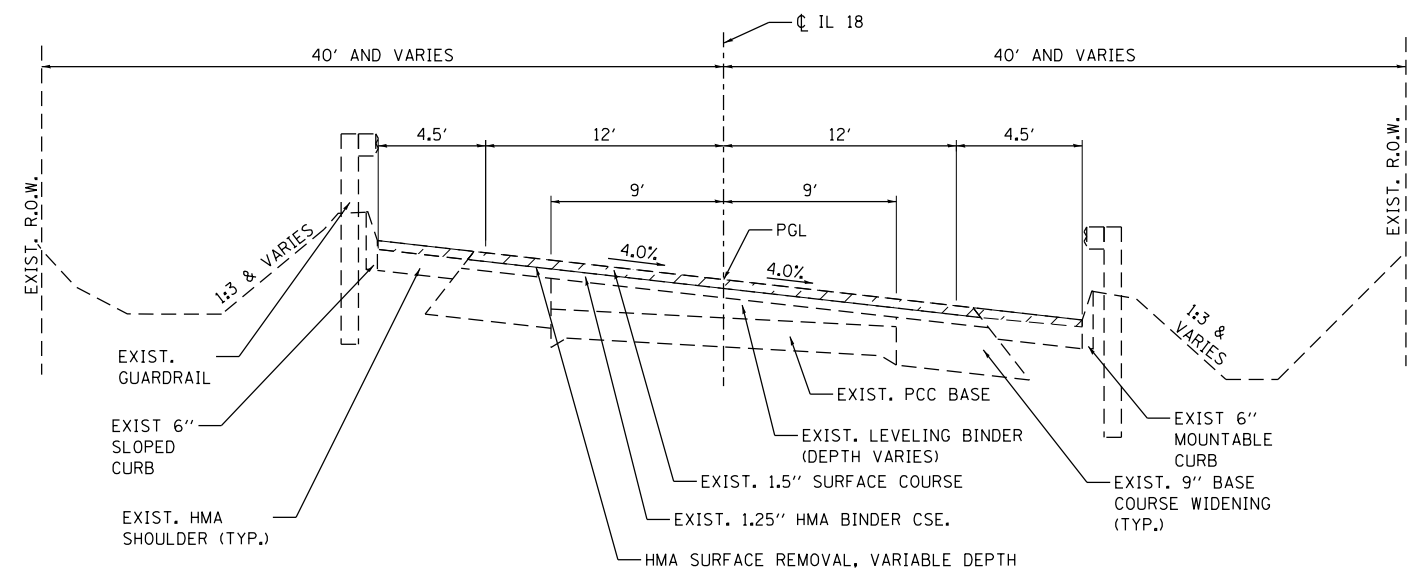


**IL ROUTE 18
EXISTING SECTION - SUPERELEVATED**
 STA. 123 + 70 TO 124 + 78
 STA. 124 + 78 TO 125 + 06 (BRIDGE OMISSION)

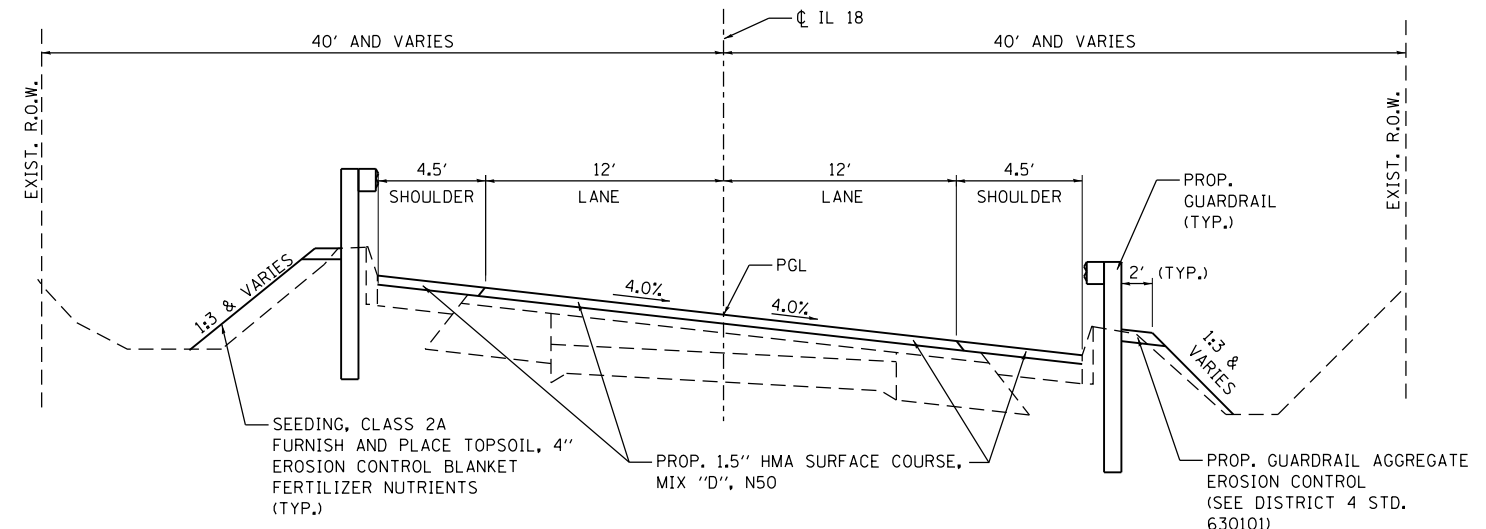


**IL ROUTE 18
PROPOSED SECTION - SUPERELEVATED**
 STA. 123 + 70 TO 124 + 78
 STA. 124 + 78 TO 125 + 06 (BRIDGE OMISSION)

*MATCH EXISTING SLOPE UP TO 4.0% MAXIMUM



**IL ROUTE 18
EXISTING SECTION - SUPERELEVATED**
 STA. 125 + 06 TO 125 + 70



**IL ROUTE 18
PROPOSED SECTION - SUPERELEVATED**
 STA. 125 + 06 TO 125 + 70

STRUCTURAL DESIGN TRAFFIC :	YEAR <u>2033</u>	
PV = <u>1600</u>	SU <u>55</u>	MU = <u>85</u>
ROAD/STREET CLASSIFICATION:	CLASS <u>II</u>	
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = <u>92.0%</u>	S = <u>3.2%</u>	M = <u>4.8%</u>
TRAFFIC FACTOR:	ACTUAL TF = <u>0.4</u>	AC TYPE = <u> </u>
	MINIMUM TF = <u>3.2</u>	
PG GRADE:	BINDER = <u>N/A</u>	SURFACE = <u> </u>
SUBGRADE SUPPORT RATING:	SSR = <u>N/A</u> STA. <u>N/A</u> TO <u>N/A</u>	

FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
H:\Projects\3255\PHASE 11\Drawings\Civil	CADD_Sheets\0468579-sht-typical.dgn	DRAWN - AAF	REVISED -
	PLOT SCALE = 10.0000' / in.	CHECKED - BAP	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ILLINOIS ROUTE 18 OVER DRAINAGE DITCH TYPICAL SECTIONS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. N/A TO STA. N/A	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTMAN	39	8
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				

MAINTENANCE OF TRAFFIC SCHEDULES					70400100	70400200	70600250	70600350
LOCATION					TEMP. CONCRETE BARRIER	RELOCATE TEMPORARY BARRIER	IMPACT ATT. TEMP. (NON-REDIRECTIVE)	IMPACT ATT. RELOCATE (NON-REDIRECTIVE)
STATION	TO	STATION	OFFSET	STAGE	(FOOT)	(FOOT)	(EACH)	(EACH)
123 + 48	TO	126 + 35	C/L & RT.	STAGE 1	287.5			
123 + 48	TO	126 + 35	C/L & LT.	STAGE 2		287.5		
123 + 48			RT.	STAGE 1			1	
126 + 35			RT.	STAGE 1			1	
123 + 48			LT.	STAGE 2				1
126 + 35			LT.	STAGE 2				1
TOTAL					287.5	287.5	2	2

PAVEMENT MARKING SCHEDULES				78005110	78100100	78300200
LOCATION				EPOXY PAVEMENT MARK., LINE 4"	RAISED REFLECTIVE PAVEMENT MARKERS	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
STATION	TO	STATION	OFFSET	(FOOT)	(EACH)	(EACH)
121 + 85	TO	128 + 00	C/L	1,230	9	9
121 + 85	TO	128 + 00	RT. EDGE	615		
121 + 85	TO	128 + 00	LT. EDGE	615		
123 + 70	TO	125 + 70	RT. EDGE			
123 + 70	TO	125 + 70	LT. EDGE			
TOTAL				2,460	9	9

LOCATION	X7015005 CHANGEABLE MESSAGE SIGN
CAL DAY	
ENTIRE JOBSITE (2 SIGNS @ 7 DAYS/SIGN)	14
TOTAL	14

TREE REMOVAL SCHEDULES			20100110
LOCATION			TREE REMOVAL (6 TO 15 UNITS DIA.)
STATION	OFFSET	(UNITS)	
17 + 45	LT	10	
17 + 50	LT	10	
17 + 55	LT	10	
TOTAL			30

GUARDRAIL SCHEDULES				63000001	63100087	63100167	63200310	72501000	78200005	Z0001002
LOCATION				SPBG, TYPE A, 6 FOOT POSTS	TRAF. BARR. TERM., TYPE 6A	TRAF. BARR. TERM., TYPE 1, (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERM. MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	GUARDRAIL AGG. EROSION CONTROL
STATION	TO	STATION	OFFSET	(FOOT)	(EACH)	(EACH)	(FOOT)	(EACH)	(EACH)	(TON)
123 + 76	TO	124 + 82	LT				114			27
124 + 16	TO	124 + 73	RT				57			15
125 + 01	TO	125 + 57	LT				57			13
125 + 10	TO	125 + 76	RT				57			15
124 + 26	TO	124 + 39	LT	12.5					1	
124 + 17	TO	124 + 29	RT	12.5					1	
125 + 54	TO	125 + 67	LT	12.5					1	
125 + 45	TO	125 + 58	RT	12.5					1	
124 + 39	TO	124 + 83	LT		1					
124 + 29	TO	124 + 73	RT		1					
125 + 02	TO	125 + 54	LT		1					
125 + 01	TO	125 + 41	RT		1					
123 + 76	TO	124 + 26	LT			1		1		
TOTAL				50	4	1	285	1	4	70

EARTHWORK SCHEDULES				20400800
LOCATION				FURNISHED EXCAVATION
STATION	TO	STATION	OFFSET	(CU YD)
123 + 70	TO	124 + 78	LT	23
123 + 70	TO	124 + 78	RT	40
125 + 06	TO	125 + 70	LT	97
125 + 06	TO	125 + 70	LT	25
TOTAL				185

EROSION CONTROL SCHEDULES				20101100	28000400	20400500	28000250	28000305
LOCATION				TREE TRUNK PROTECTION	PERIMETER EROSION BARRIER	INLET AND PIPE PROTECTION	TEMP. EROSION CONTROL SEEDING	TEMP. DITCH CHECK
STATION	TO	STATION	OFFSET	(EACH)	(FOOT)	(EACH)	(POUND)	(FOOT)
125 + 52			35' LT	1				
125 + 60			39' LT	1				
125 + 70			37' LT	1				
125 + 73			40' LT	1				
123 + 64	TO	124 + 83	LT		126		10	12
123 + 70	TO	124 + 68	RT		90		9	12
125 + 11	TO	125 + 70	LT		82		5	12
125 + 03	TO	125 + 70	RT		45		10	12
125 + 21			RT			1		
125 + 38			LT			1		
TOTAL				4	343	2	34	48

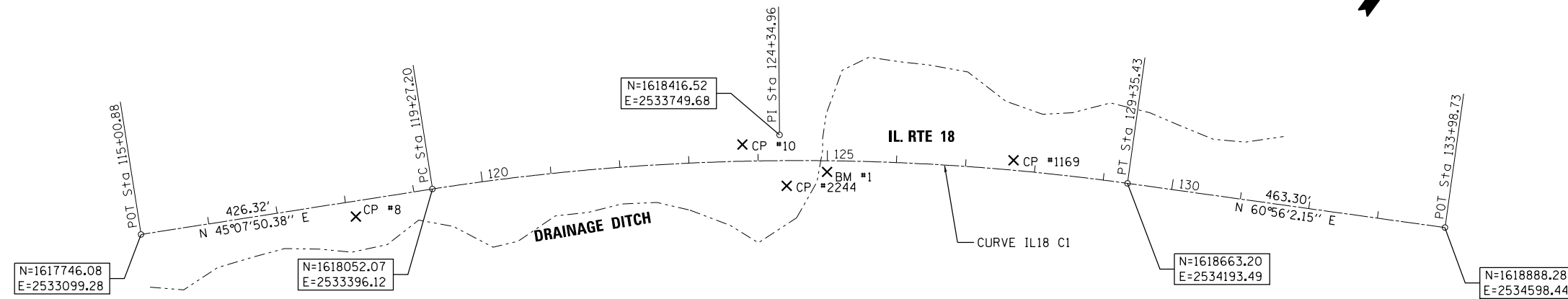
SHORT TERM & TEMPORARY PAVEMENT MARKINGS SCHEDULE			70107005	70300100	70300150	70300904	70300924	X7030005
LOCATION			PAVEMENT MARKING BLACKOUT TAPE, 5"	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING REMOVAL	PAVEMENT MARKING TAPE, TYPE IV 4"	PAVEMENT MARKING TAPE, TYPE IV 24"	TEMPORARY PAVEMENT MARKING REMOVAL
STATION	TO	STATION	FOOT	FOOT	SQ FT	FOOT	FOOT	SQ FT
121 + 85	TO	128 + 00	1768	112	756	1595	24	580
TOTAL			1768	112	756	1595	24	580

LANDSCAPING SCHEDULES				21101615	25000210	25000400	25000500	25000600	25100630
LOCATION				TOPSOIL FURN. & PLACE, 4"	SEEDING, CLASS 2A	NITROGEN FERT. NUTR.	PHOSP. FERT. NUTR.	POTASSIUM FERT. NUTR.	EROSION CONTROL BLANKET
STATION	TO	STATION	OFFSET	(SQ YD)	(ACRE)	(POUND)	(POUND)	(POUND)	(SQ YD)
123 + 64	TO	124 + 83	LT	253	0.05	4.7	4.7	4.7	253
123 + 70	TO	124 + 68	RT	213	0.05	4.0	4.0	4.0	213
125 + 11	TO	125 + 70	LT	125	0.03	2.3	2.3	2.3	125
125 + 03	TO	125 + 70	RT	235	0.05	4.4	4.4	4.4	235
TOTAL				826	0.18	15.3	15.3	15.3	826

ROADWAY PAVEMENT SCHEDULES			40600290	40600982	40600990	40603335	X4401198
LOCATION			BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX SURFACE REMOVAL (BUTT JOINT)	TEMPORARY RAMP	HOT-MIX SURFACE CSE.; MIX "D"; N50	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
STATION	TO	STATION	(POUND)	(SQ YD)	(SQ YD)	(TONS)	(SQ YD)
123 + 70	TO	124 + 78	214		27	34	
125 + 06	TO	125 + 70	127		27	20	
123 + 70	TO	124 + 00		110			286
125 + 40	TO	125 + 70		110			125
TOTAL			341	220	54	54	411

CURVE DATA

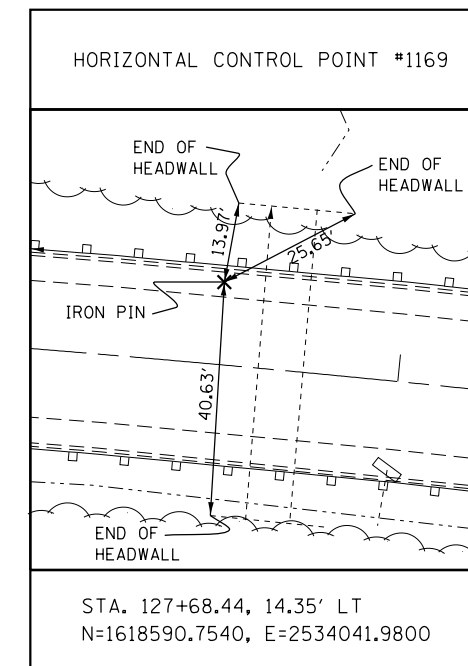
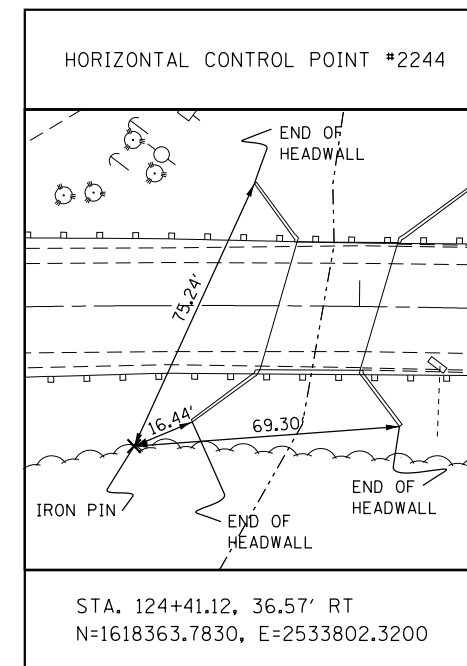
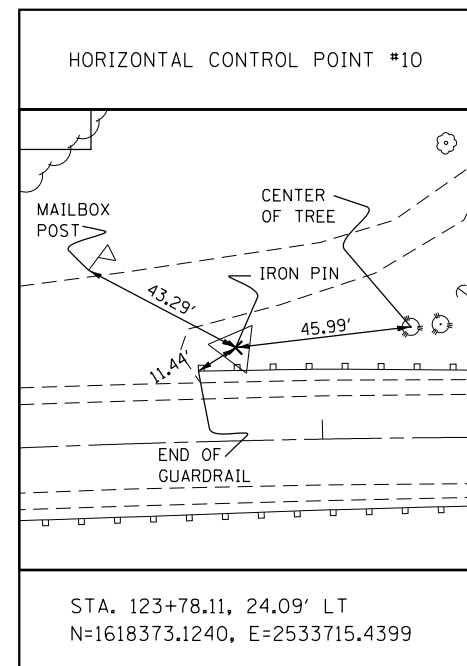
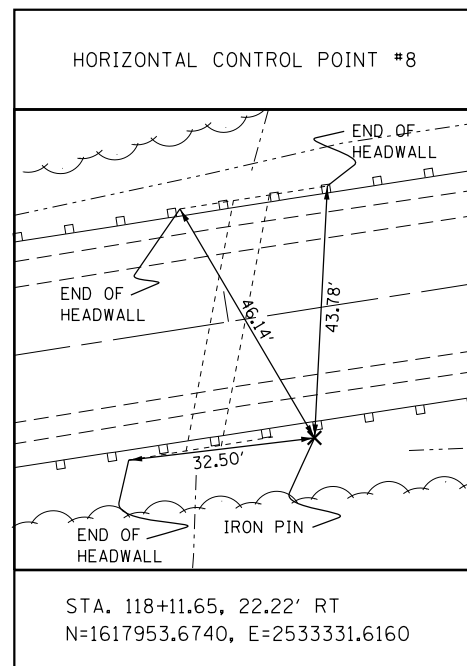
EXIST. CURVE IL18.C1
 PI STA. = 124+34.96
 Δ = 16° 48' 12" (RT)
 D = 1° 40' 00"
 R = 3,437.87'
 T = 507.76'
 L = 1,008.23'
 E = 37.29'
 4.0% (EXISTING)
 T.R. = 40'
 S.E. RUN = 140'
 P.C. STA. = 119+27.20
 P.T. STA. = 129+35.43



BENCHMARK DATA

BM#1 CHISELED SQUARE AT SOUTHEAST CORNER OF BRIDGE DECK AT STA. 124+98, 16.5 FT. RT. ELEV 567.33

HORIZONTAL CONTROL POINTS



FILE NAME = H:\Projects\3255\PHASE 11\Drawings\Civil	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
CADD_Sheets\0468579-sht-ATB.dgn		DRAWN - AAF	REVISED -
PLOT SCALE = 200.0000' / in.		CHECKED - BAP	REVISED -
PLOT DATE = 3/21/2017		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 18 OVER DRAINAGE DITCH
 ALIGNMENT, BENCHMARKS & TIES**

SCALE: 1"=100' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 653	SECTION (105BR-3)I	COUNTY PUTMAN	TOTAL SHEETS 39	SHEET NO. 10
				CONTRACT NO. 68579
ILLINOIS FED. AID PROJECT				

07-35-400-007
 ROBERT W. CATES
 RODNEY HOLLOWAY CO
 VICKY HOLLOWAY
 7 MAPLE CT
 PUTNAM, IL 61560

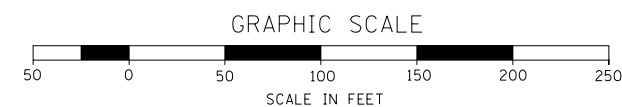
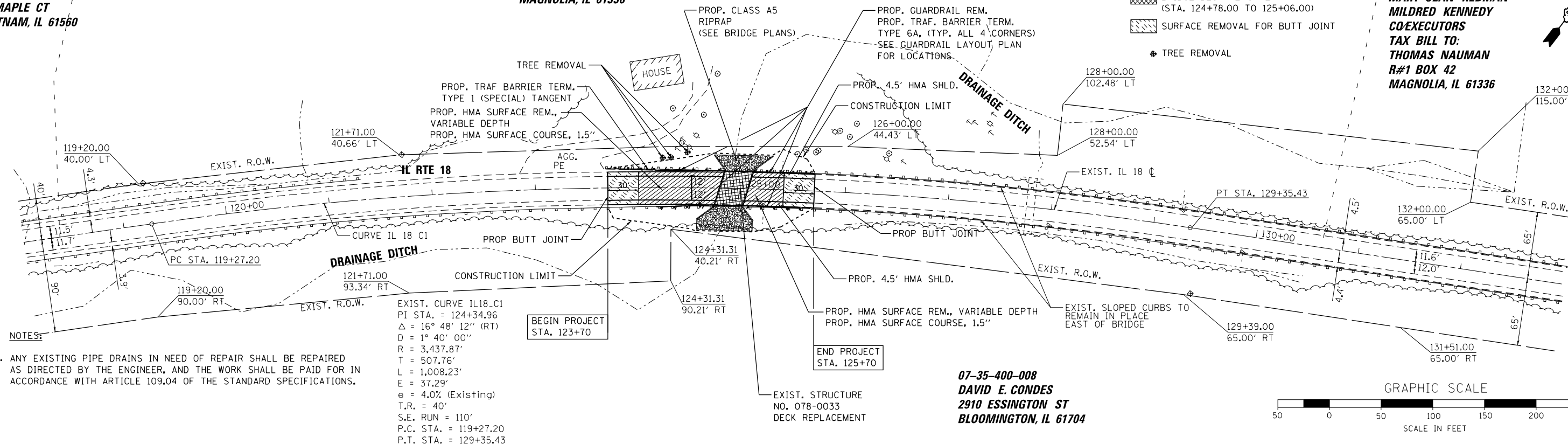
07-35-400-001
 ANNE M. NAUMAN
 8636 IL HWY. 18
 MAGNOLIA, IL 61336

REMOVAL LEGEND
 HMA SURFACE REMOVAL, VARIABLE DEPTH
 BRIDGE DECK REMOVAL (STA. 124+78.00 TO 125+06.00)
 SURFACE REMOVAL FOR BUTT JOINT
 * TREE REMOVAL

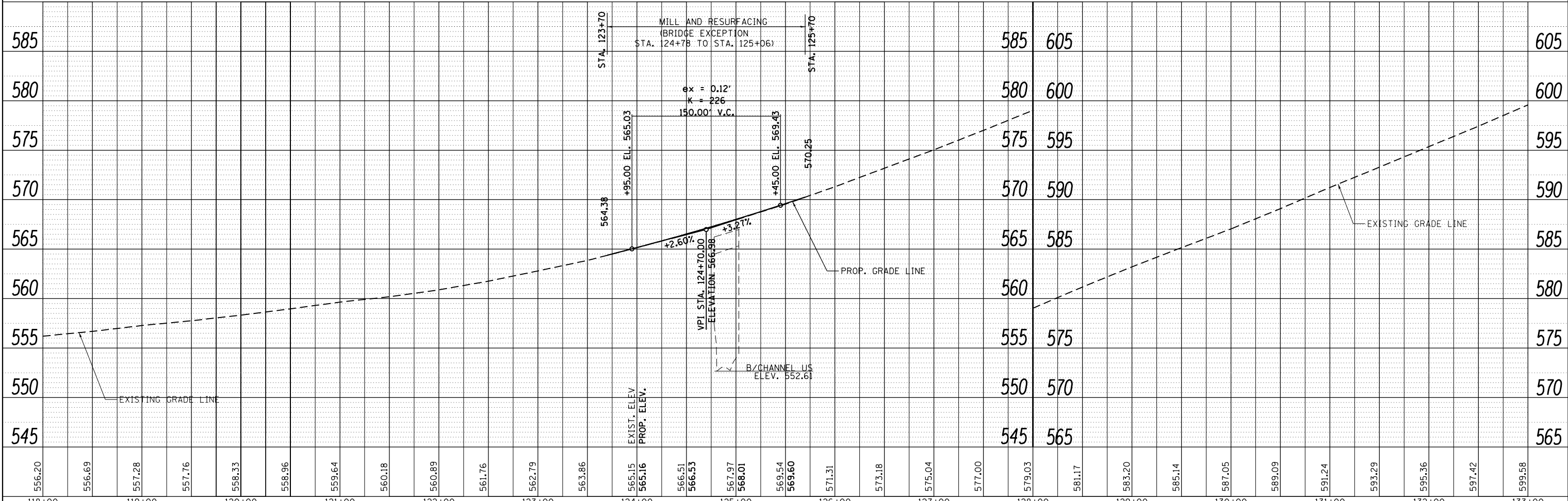
07-35-400-002
 MARY JEAN REDMAN
 MILDRED KENNEDY
 COEXECUTORS
 TAX BILL TO:
 THOMAS NAUMAN
 R#1 BOX 42
 MAGNOLIA, IL 61336



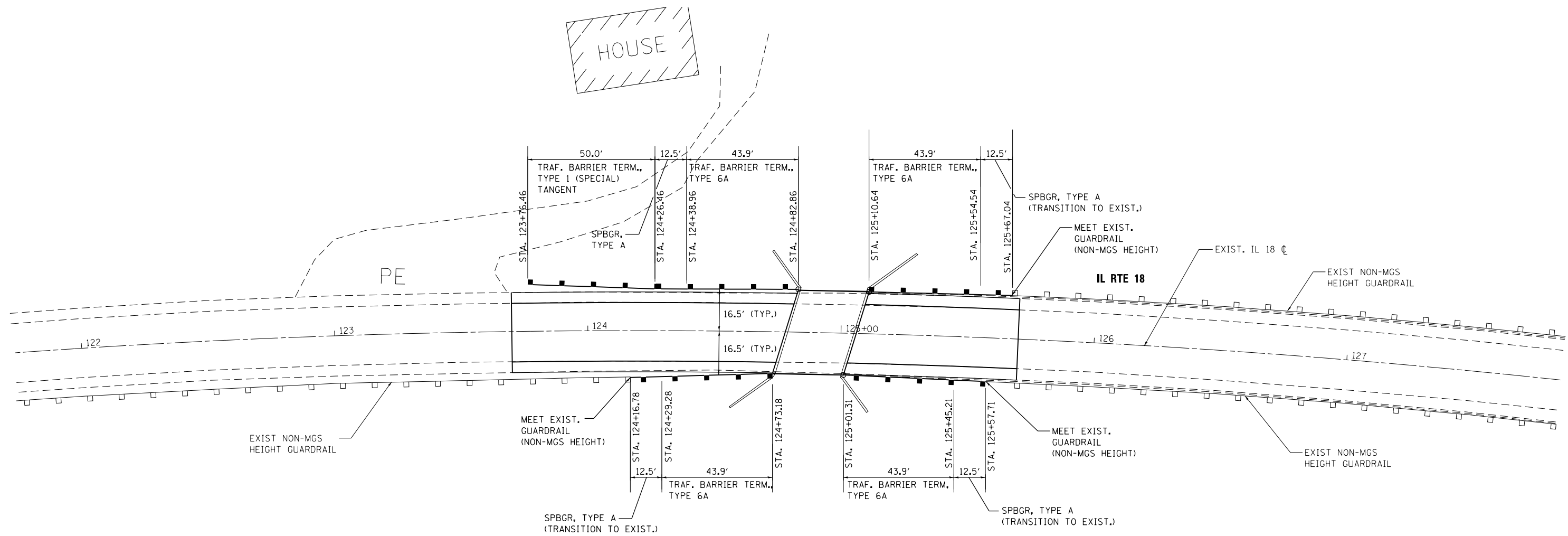
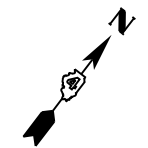
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
	NO.	



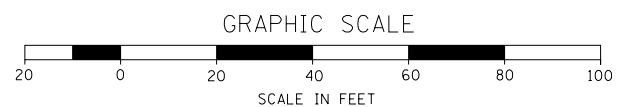
PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO.	



FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ILLINOIS ROUTE 18 OVER DRAINAGE DITCH PLAN AND PROFILE	F.A.P. RTE. 653	SECTION (105BR-3)I	COUNTY PUTNAM	TOTAL SHEETS 39	SHEET NO. 11		
H:\Projects\3255\PHASE 11\Drawings\Civil\1000.Sheets\0468579-sht-plnprodgn	DRAWN - AAF	CHECKED - BAP	REVISED -			SCALE: 1"=50' (HORIZ.) 1"=5' (VERT.)	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 68579			
PLOT SCALE = 100.0000' / in.			REVISED -			ILLINOIS FED. AID PROJECT						
PLOT DATE = 3/21/2017			REVISED -									



NOTE:
 GUARDRAIL REFLECTORS, TYPE A WILL BE SPACED AT 80' C-C AND SHALL MATCH THE SPACING OF THE REFLECTORS ON THE EXISTING GUARDRAIL.



FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
H:\Projects\3255\PHASE 11\Drawings\Civil	CADD_Sheets\0468579-sht-gr-detail.dgn	DRAWN - AAF	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED - BAP	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL. ROUTE 18 OVER DRAINAGE DITCH
 GUARDRAIL LAYOUT PLAN**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTMAN	39	12
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

IL ROUTE 18 MAINTENANCE OF TRAFFIC NOTES

STAGE 1

EXISTING: TWO LANE, TWO WAY ROAD

PROPOSED: ONE LANE, ONE WAY TRAFFIC IN CONSTRUCTION AREA CONTROLLED BY IDOT STD. 701321.

TRAFFIC CONTROL AND PROTECTION
-USE IDOT STANDARD 701201 FOR INSTALLATION.

1. INSTALL STAGE 1 TEMPORARY BARRIERS, ATTENUATORS, DEVICES, AND SIGNS ACCORDING TO IDOT STD. 701321 (SEE STAGE 1 PLAN).
2. INSTALL STAGE 1 TEMPORARY PAVEMENT MARKINGS, AND STOP LINE FOR TEMPORARY SIGNALS. REMOVE ANY PAVEMENT MARKINGS THAT CONFLICT WITH STAGE TRAFFIC.
3. INSTALL TEMPORARY TRAFFIC SIGNALS INCLUDING SIGNALS WITH DETECTION FOR THE PRIVATE DRIVE WEST OF THE BRIDGE.
4. SHIFT IL 18 TRAFFIC TO THE NORTH SIDE OF THE EXISTING BRIDGE (SEE BRIDGE PLAN FOR DETAILS)

CONSTRUCTION

1. REMOVE SOUTH 18' OF EXISTING BRIDGE DECK, BRIDGE RAILS, AND GUARDRAIL.
2. CONSTRUCT SOUTH 16.5' OF PROPOSED BRIDGE.
3. CONSTRUCT PROPOSED GUARDRAIL ALONG SOUTH SIDE OF ROADWAY.
4. EXISTING DRIVEWAY ACCESS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN THE STAGING AREA.

STAGE 2

EXISTING: ONE LANE, ONE WAY TRAFFIC IN CONSTRUCTION AREA CONTROLLED BY TEMPORARY TRAFFIC SIGNAL AND IDOT STANDARD 701321.

PROPOSED: ONE LANE, ONE WAY TRAFFIC IN CONSTRUCTION AREA CONTROLLED BY TEMPORARY TRAFFIC SIGNAL AND IDOT STANDARD 701321.

TRAFFIC CONTROL AND PROTECTION
-USE IDOT STANDARD 701201 FOR INSTALLATION.

1. RELOCATE TEMPORARY BARRIERS, ATTENUATORS, DEVICES, AND SIGNS ACCORDING TO IDOT STD. 701321 (SEE STAGE 2 PLAN)
2. INSTALL STAGE 2 TEMPORARY PAVEMENT MARKINGS, REMOVE ANY PAVEMENT MARKINGS THAT CONFLICT WITH STAGE TRAFFIC.
4. SHIFT IL 18 TRAFFIC TO THE SOUTH SIDE OF THE EXISTING BRIDGE (SEE BRIDGE PLAN FOR DETAILS)

CONSTRUCTION

1. REMOVE NORTH 15' OF EXISTING BRIDGE DECK, BRIDGE RAILS, AND GUARDRAIL.
2. CONSTRUCT NORTH 16.5' OF PROPOSED BRIDGE.
3. CONSTRUCT PROPOSED GUARDRAIL ALONG NORTH SIDE OF ROADWAY.
4. EXISTING DRIVEWAY ACCESS SHALL BE MAINTAINED BY THE CONTRACTOR WITHIN THE STAGING AREA.

REMOVE STANDARD 701321
INSTALL SHORT TERM PAVEMENT MARKING.

STAGE 3

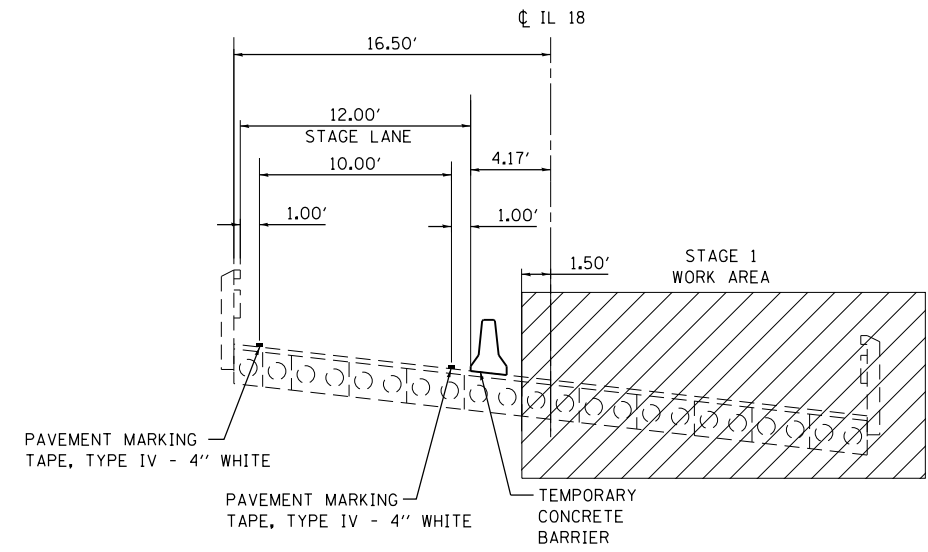
EXISTING: TWO LANE, TWO WAY TRAFFIC

PROPOSED: ONE LANE, ONE WAY TRAFFIC

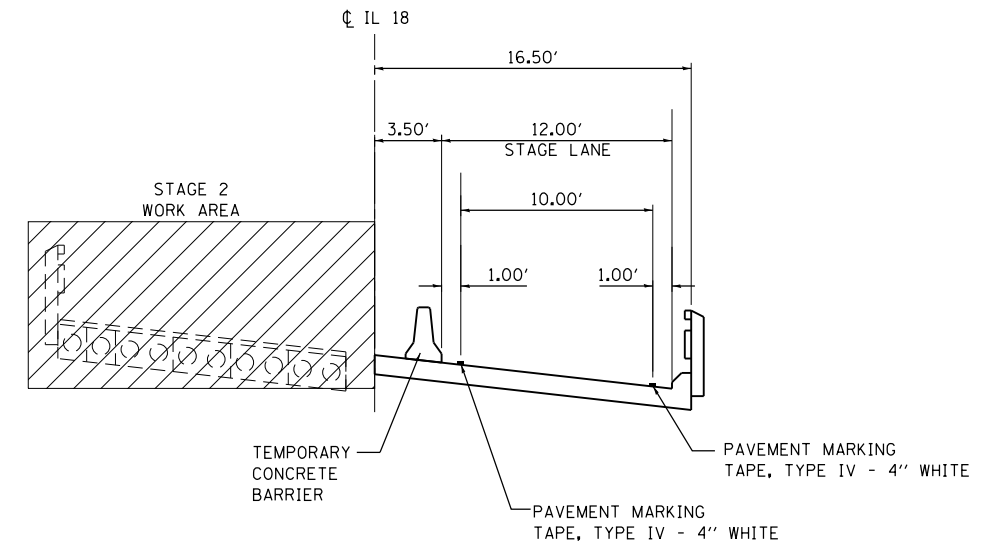
TRAFFIC CONTROL AND PROTECTION
-IDOT STANDARDS 701201 AND 701311.

CONSTRUCTION

1. MILL EXISTING PAVEMENT AND PLACE OVERLAY ON LANES AND SHOULDERS.
2. INSTALL PERMANENT PAVEMENT MARKINGS ON ROADWAY AND BRIDGE.
3. PERFORM LANDSCAPING OPERATIONS.








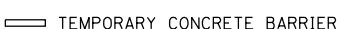


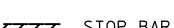
**TYPICAL SECTION
STAGE 1**

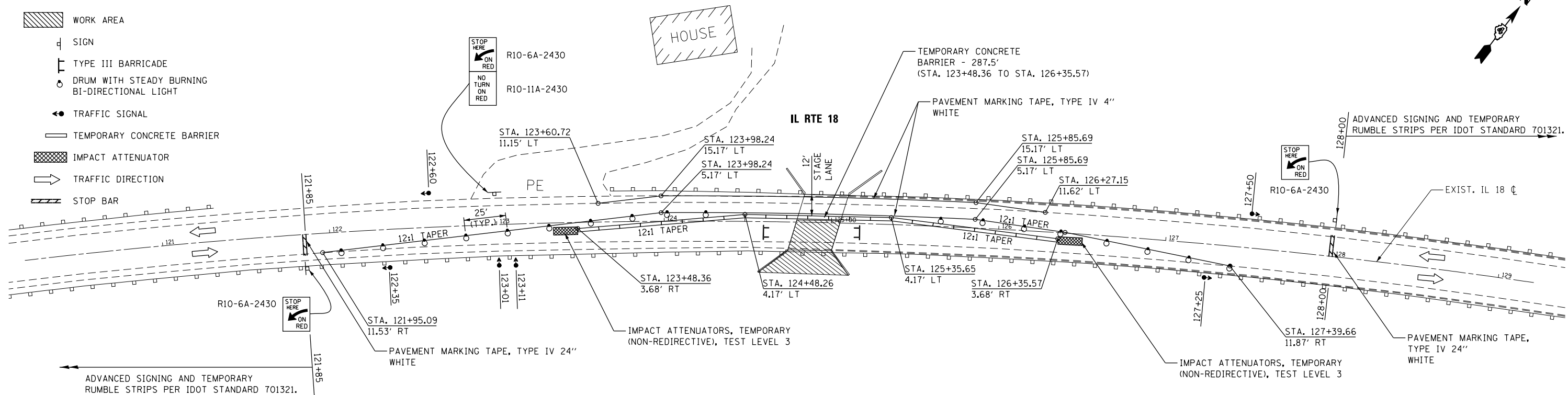


**TYPICAL SECTION
STAGE 2**

FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 18 OVER DRAINAGE DITCH MAINTENANCE OF TRAFFIC NOTES AND TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\Projects\3255\PHASE 11\Drawings\Civil\CADD_Sheets\0468579-sht-staging1.dgn	DRAWN - AAF	REVISED -	653			(105BR-3)I	PUTMAN	39	13	
PLOT SCALE = 10.0000' / in.	CHECKED - BAP	REVISED -	CONTRACT NO. 68579							
PLOT DATE = 3/21/2017	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
				SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				

LEGEND

-  WORK AREA
-  SIGN
-  TYPE III BARRICADE
-  DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT
-  TRAFFIC SIGNAL
-  TEMPORARY CONCRETE BARRIER
-  IMPACT ATTENUATOR
-  TRAFFIC DIRECTION
-  STOP BAR



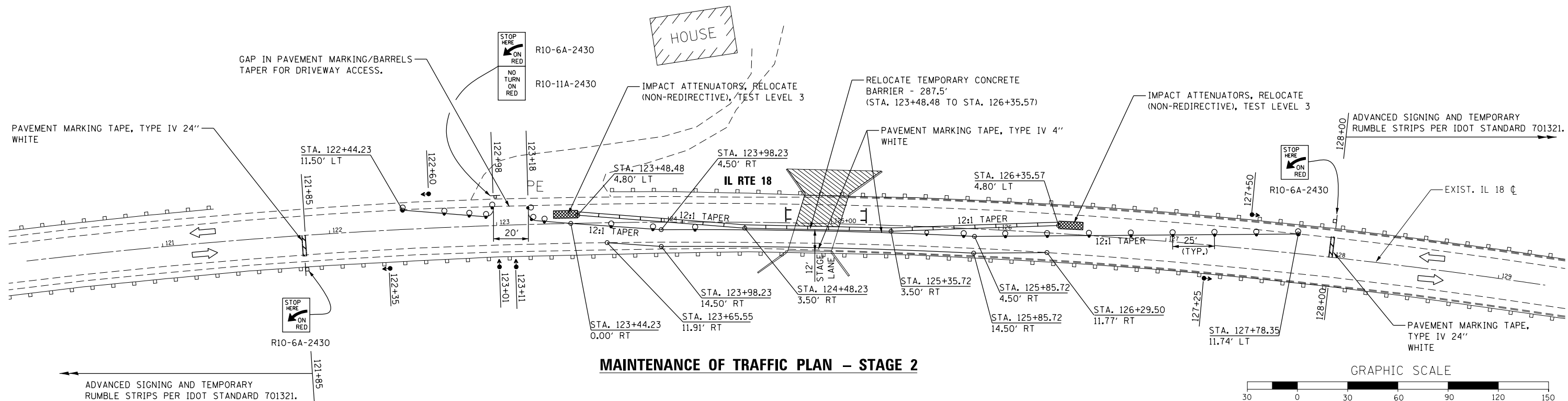
MAINTENANCE OF TRAFFIC PLAN - STAGE 1

NOTES:

1. SEE IDOT STANDARD 701321 FOR LAYOUT DETAILS.
2. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED AND RESTORED AFTER STAGING (SEE PAVEMENT MARKING PLANS).
3. MAINTAIN ACCESS TO PRIVATE DRIVEWAY EAST OF BRIDGE DURING STAGE CONSTRUCTION.

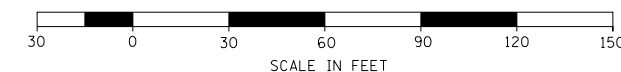
TEMPORARY BRIDGE TRAFFIC SIGNAL NOTES:

1. THE TEMPORARY TRAFFIC INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD REQUIREMENTS.
2. THE TEMPORARY TRAFFIC SIGNALS SHALL CONSIST OF THREE PHASE VEHICLE SERVICE (EB IL 18, WB IL 18, AND PRIVATE ENTRANCE).
3. THE TEMPORARY TRAFFIC SIGNALS SHALL BE EQUIPPED WITH VEHICLE DETECTION FOR ALL APPROACHES (EITHER MICROWAVE OR DETECTOR LOOPS).
4. ALL TRAFFIC SIGNAL HEADS SHALL BE EQUIPPED WITH RETROREFLECTIVE BACKPLATES.
5. THE CONTRACTOR SHALL FURNISH AND INSTALL A "NO TURN ON RED" SIGN ON THE PRIVATE ENTRANCE APPROACH.
6. THE CONTRACTOR SHALL NOTIFY ERIC HOWALD, THE IDOT TRAFFIC ENGINEER, AT (309) 671-4481 FORTY EIGHT HOURS PRIOR TO SIGNAL TURN ON.

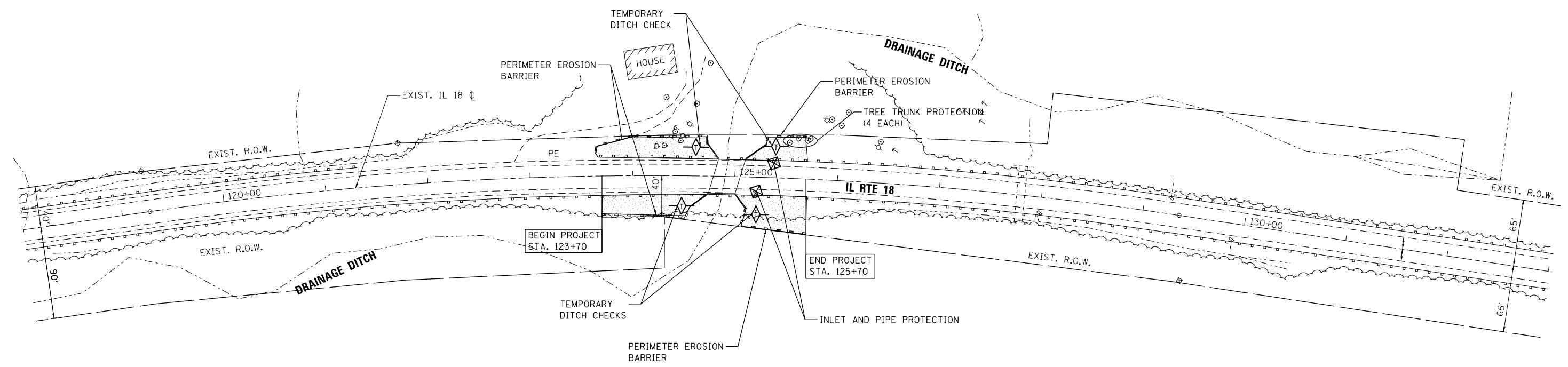
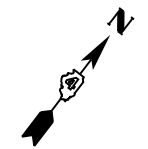


MAINTENANCE OF TRAFFIC PLAN - STAGE 2

GRAPHIC SCALE

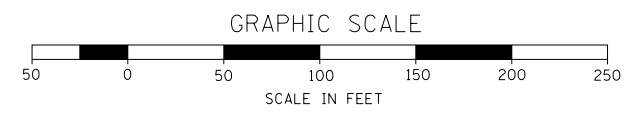


FILE NAME =	USER NAME = *USER*	DESIGNED - AAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 18 OVER DRAINAGE DITCH MAINTENANCE OF TRAFFIC STAGING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILE#		DRAWN - AAF	REVISED -					653	(105BR-3)I	PUTMAN	39	14
PLOT SCALE = *SCALE*		CHECKED - BAP	REVISED -		SCALE: 1"=30'			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68579		
PLOT DATE = *DATE*		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



LEGEND

- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- TEMPORARY EROSION CONTROL SEEDING
SEEDING, CLASS 2A
FURNISH AND PLACE TOPSOIL, 4"
EROSION CONTROL BLANKET
FERTILIZER NUTRIENTS



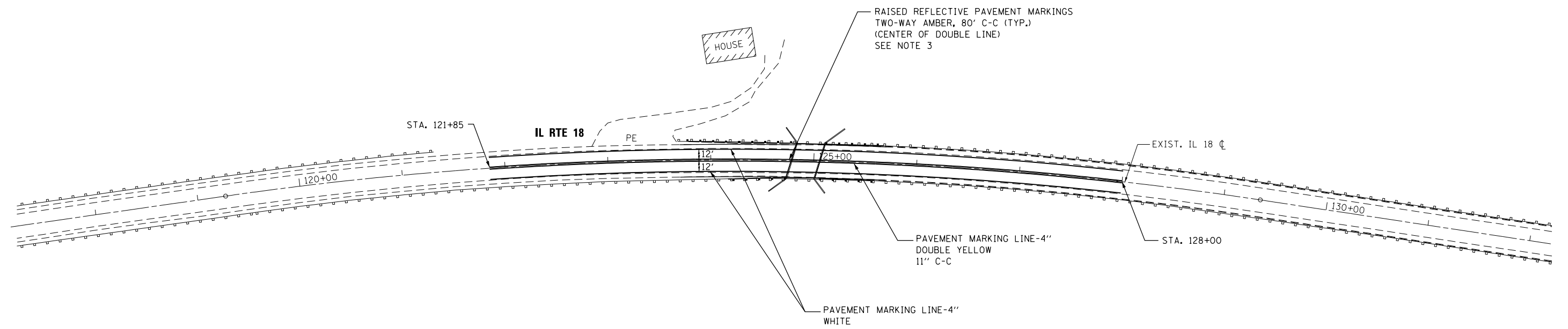
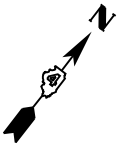
FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -
H:\Projects\3255\PHASE 11\Drawings\Civil\	CADD_Sheets\0468579-sht-eros.dgn	DRAWN - AAF	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED - BAP	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ILLINOIS ROUTE 18 OVER DRAINAGE DITCH
EROSION CONTROL AND LANDSCAPING PLAN**

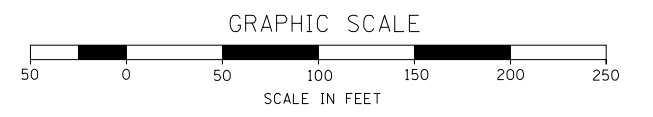
SCALE: 1"=50' SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTMAN	39	15
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				



NOTES:

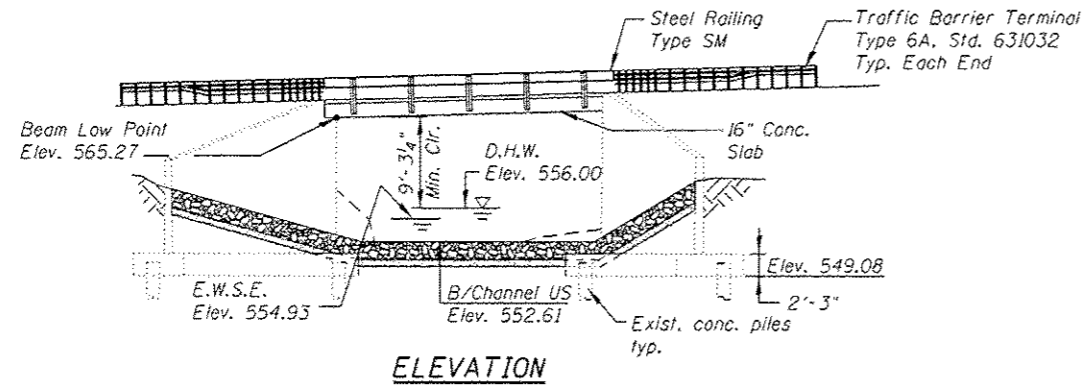
1. SEE IDOT STANDARD 781001 AND DISTRICT 4 STANDARD 781001-D4 FOR PAVEMENT MARKING LAYOUT DETAILS.
2. SEE IDOT STANDARD 781001 FOR TYPICAL RAISED REFLECTIVE PAVEMENT MARKING LAYOUT DETAILS.
3. THE SPACING AND LOCATION OF THE PROPOSED RAISED REFLECTIVE MARKERS SHALL MATCH THE EXISTING MARKER SPACING ON BOTH SIDES OF THE PROJECT LIMIT. DO NOT INSTALL RAISED REFLECTIVE PAVEMENT MARKERS ON THE NEW BRIDGE DECK.



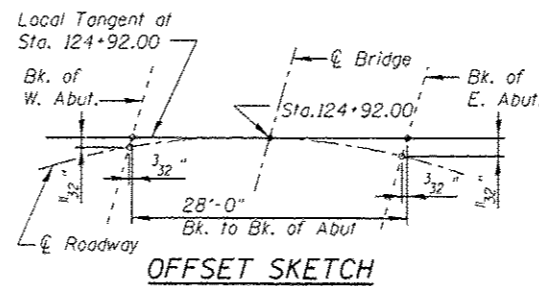
FILE NAME =	USER NAME = aafitzpatrick	DESIGNED - AAF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL. ROUTE 18 OVER DRAINAGE DITCH PAVEMENT MARKING PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
H:\Projects\3255\PHASE 11\Drawings\Civil\CADD_Sheets\0468579-sht-pmk.dgn	DRAWN - AAF	CHECKED - BAP	REVISED -					653	(105BR-3)I	PUTMAN	39	16
PLOT SCALE = 100.0000' / in.	CHECKED - BAP	DATE -	REVISED -		SCALE: 1"=20'			SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 68579		
PLOT DATE = 3/21/2017	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

Bench Mark: Chiseled square at SE corner of the Bridge Deck at Sta. 124+98.00, Offset: 16.50 ft. Rt, Elev. 567.33

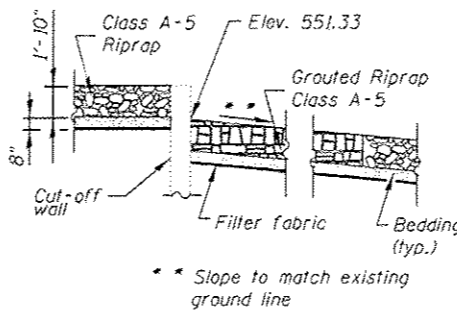
Existing Structure: S.N. 078-0033 was reconstructed in 1979 on IL Route 18 as SBI Route 89C, Sec. 105 BR-3, at Sta. 124+92.00, Putnam County. It was rehabilitated in 1996. The deck is made up of eleven 17"x36" pre-cast, pre-stressed concrete deck beams, providing a total width of 33'-0". The length of structure bk. to bk. of abutments along center line of the bridge is 28'-0". The structure is skewed 16 degrees. The abutments are closed type with wing walls. The deck is to be removed and replaced with 16" thick solid concrete slab. Two stage construction will be used to maintain traffic. The substructure will be repaired and reused.



ELEVATION

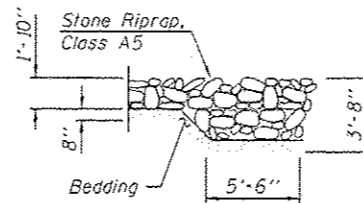


OFFSET SKETCH



SECTION D-D

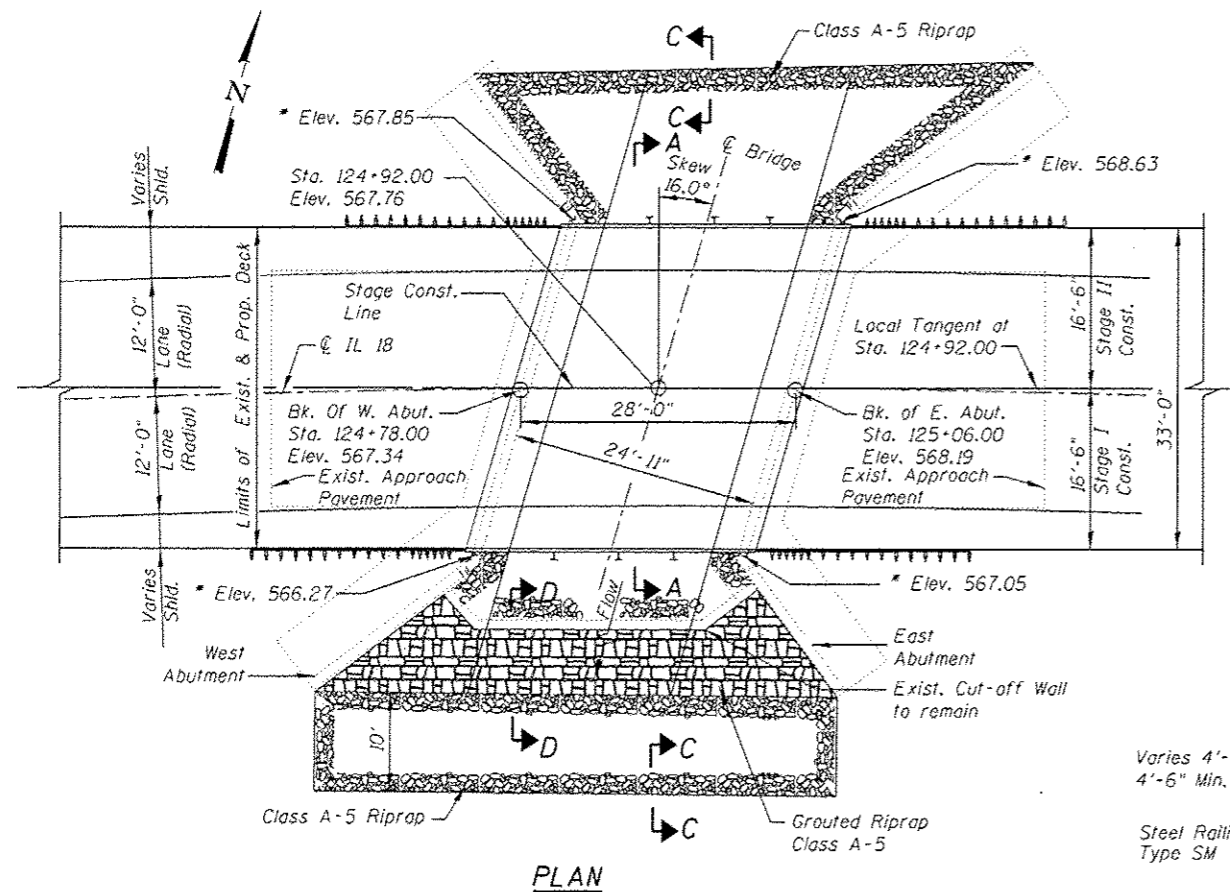
STATION 124+92.00
RE-BUILT 20-- BY
STATE OF ILLINOIS
F.A.P. 653-SEC 105BR-3
LOADING HL-93
STRUCTURE NO. 078-0033



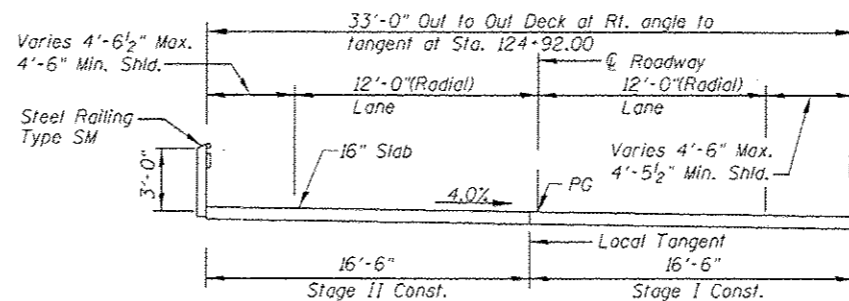
SECTION C-C

NAME PLATE

See Sta. 515001
Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates. See sheet 8 for placement of Name Plate.



PLAN



**SECTION A-A
CROSS SECTION**

CURVE DATA

EXIST. IL 18-C1
PI STA. = 124+34.96
 $\Delta = 16^\circ 48' 12''$ (RT)
D = 1° 40' 00"
R = 3,437.87'
T = 507.76'
L = 1,008.23'
E = 37.29'
e = 4.0% (Existing)
T.R. = 40'
S.E. RUN = 90'
P.C. STA. = 119+27.20
P.T. STA. = 129+35.43

LOADING HL-93

Allow 50#/#sq. ft. for future wearing surface.
DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications
Sixth Edition

DESIGN STRESSES

FIELD UNITS

$f'_c = 5,000$ psi
 $f_y = 60,000$ psi (Reinforcement)

EXISTING

FIELD UNITS

$f_c = 1,000$ psi (Sub.)
 $f_s = 20,000$ psi (Reinf.)
 $vc = 75$ psi (Ftg.)
 $n = 10$

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.060g
Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.104g
Soil Site Class = C

WATERWAY INFORMATION TABLE

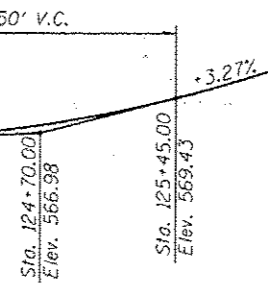
Drainage Area = 2.35 sq. mi. Low Grade Elev. 565.00 @ Sta. 124+00.00

Flood Yr.	Freq.	Q	C.F.S.	Opening	Sq. Ft.	Not. Exist.	Prop.	H.W.E.	Head - Ft.	Headwater E.I.
Design	10	605	59	NA	554.9	3.0	NA	557.9	NA	NA
Base	50	1,010	89	NA	556.0	3.5	NA	559.5	NA	NA
Max. Calc.	100	1,200	100	NA	556.4	3.5	NA	559.9	NA	NA
	500	1,660	121	NA	557.2	3.5	NA	560.7	NA	NA

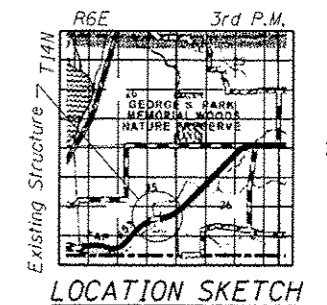
10 Year Velocity through Existing Bridge = 10.3 fps

DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	E. Abut.	W. Abut.
	549.08	549.08



**PROFILE GRADE
C-IL. 18**



LOCATION SKETCH

**GENERAL PLAN & ELEVATION
IL. RT. 18 OVER
DRAINAGE DITCH 1.5 E. OF IL. 26
F.A.P. 653 - SEC. 105BR-3
PUTNAM COUNTY
STATION 124+92.00
STRUCTURE NO. 078-0033**

APPROVED
For Structural Adequacy Only
David N. Bilow
Engineer of Bridges & Structures

DAVID N. BILOW
11003186
LICENSED STRUCTURAL ENGINEER
OF ILLINOIS
David N. Bilow
Date: 3/21/17
License Expires 11/30/18

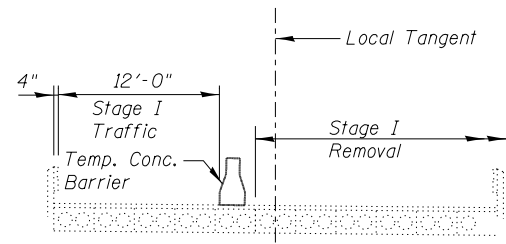
HOH HARRY O. HEFTER-ASSOCIATES, INC.
DESIGN AND CONSULTING ENGINEERS
Chicago, Illinois 60602
Project # 3255

FILE NAME :	USER NAME = hofispatrich	DESIGNED - MMH	REVISD -
		CHECKED - DNB	REVISD -
		DRAWN - R.VEJAR	REVISD -
		CHECKED - TOR	REVISD -

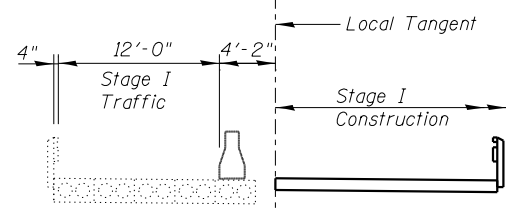
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN, ELEVATION AND DETAILS
STRUCTURE NO. 078-0033**

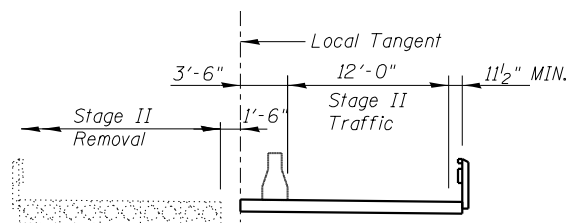
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)II	PUTNAM	39	17
				CONTRACT NO. 68579



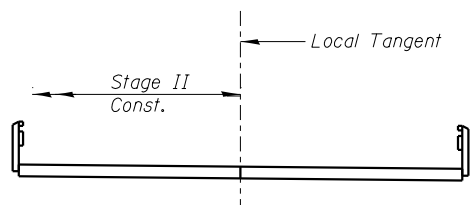
STAGE I REMOVAL
(Looking East)



STAGE I CONSTRUCTION



STAGE II REMOVAL



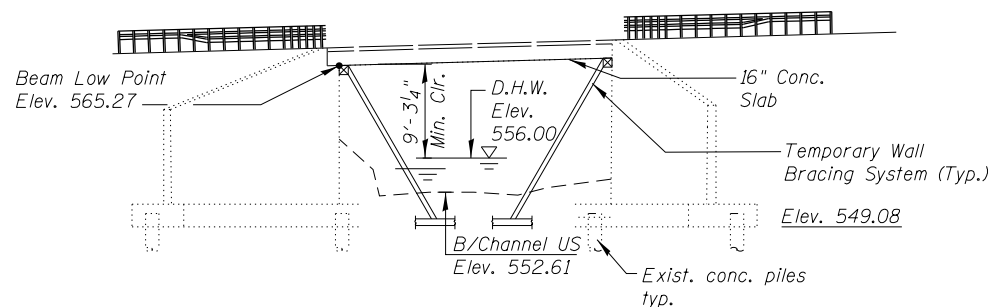
STAGE II CONSTRUCTION
STAGE CONSTRUCTION

NOTE:

- The remaining deck beams during Stage I construction shall be inspected to evaluate any deterioration. Currently no deterioration was observed and the beams are adequate to carry stage traffic.

INDEX OF SHEETS

- General Plan & Elevation
- Stage Construction Details, General Notes, Index of Drawings & Total Bill of Material
- Temporary Concrete Barrier for Stage Construction
- Top of Slab Elevations
- Superstructure
- Steel Railing, Type SM
- East Abutment Repair
- West Abutment Repair
- Bar Splicer Assembly Details



ELEVATION
TEMPORARY WALL BRACING SYSTEM

GENERAL NOTES

- 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.
- Reinforcement bars designated (E) shall be epoxy coated.
- Prior to pouring the new concrete deck, all loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
- Temporary wall bracing system for abutment walls is required before the superstructure can be removed and during construction to resist the lateral earth forces acting on the existing abutments. The contractor shall submit design of bracing system for abutment walls, including plan details and calculations by a structural engineer registered in Illinois for review and acceptance by the Engineer.
- Layout of slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Concrete Deck	Each	1	-	1
Concrete Superstructure	Cu. Yd.	48.3	-	48.3
Concrete Structures	Cu. Yd.	-	0.6	0.6
Name Plates	Each	-	1	1
Bridge Deck Grooving	Sq. Yd.	98	-	98
Protective Coat	Sq. Yd.	105	-	105
Reinforcement Bars, Epoxy Coated	Pound	16,920	-	16,920
Bar Splicers	Each	90	-	90
Stone Riprap, Class A5	Sq. Yd.	-	343	343
Grout for Use with Riprap	Cu. Yd.	-	76	76
Filter Fabric	Sq. Yd.	-	343	343
Epoxy Crack Injection	Foot	-	158	158
Structural Repair of Conc., Depth < 5 in.	Sq. Ft.	-	15	15
Steel Railing, Type SM	Foot	58	-	58
Temporary Wall Bracing System	L. Sum	-	1	1
Concrete Removal	Cu. Yd.	-	0.6	0.6
Permanent Survey Markers, Type I	Each	1	-	1

Note:
Include waterstop in price for concrete structure.

H:\Projects\3255\Phase 1\Drawings\Structural\Phase 1\152-StageConstruction.dgn

HOH HARRY O. HEFTER-ASSOCIATES, INC. One North LaSalle St.
7th Floor
DESIGN AND CONSULTING ENGINEERS Chicago, Illinois 60602
Project # 3255 312/346-8131

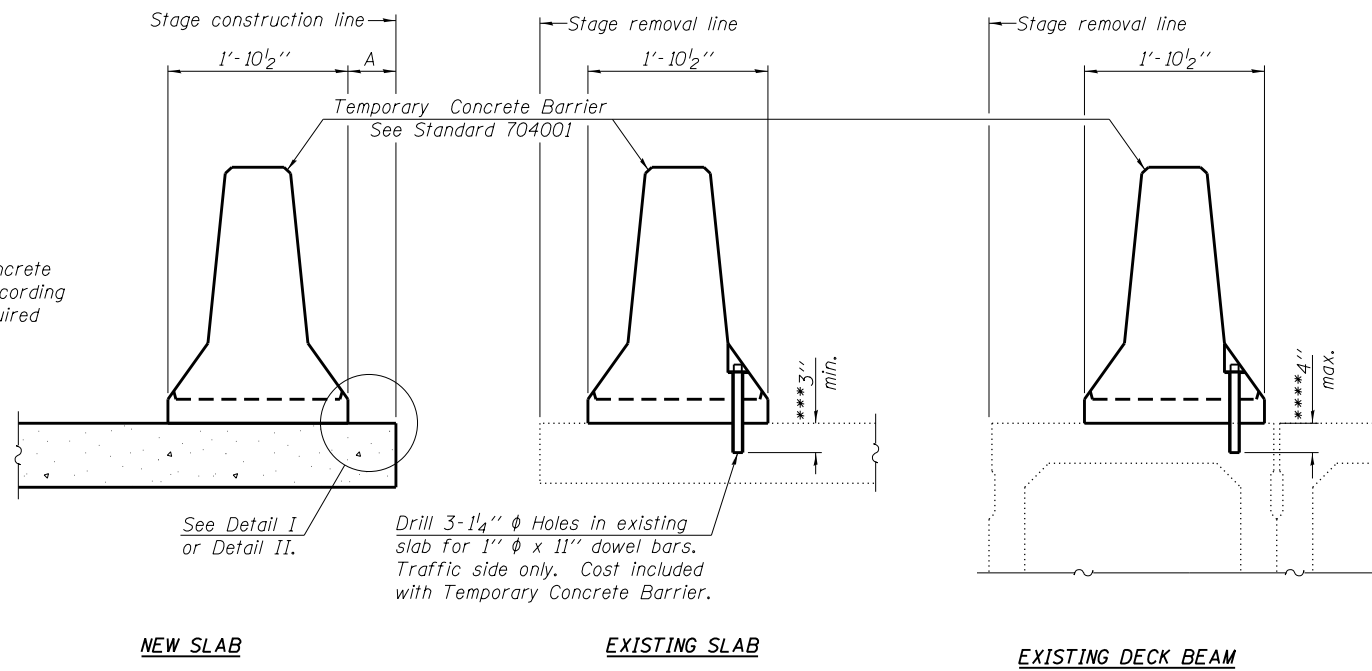
FILE NAME =	USER NAME = aofitzpatrick	DESIGNED - MMH	REVISIONS -
		CHECKED - DNB	REVISIONS -
		DRAWN - R.VEJAR	REVISIONS -
		CHECKED - TOR	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE CONSTRUCTION DETAILS, GENERAL NOTES,
INDEX OF DRAWINGS AND TOTAL BILL OF MATERIAL
STRUCTURE NO. 078-0033

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	18
			CONTRACT NO. 68579	
SHEET NO. 2 OF 9 SHEETS				
ILLINOIS FED. AID PROJECT				

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

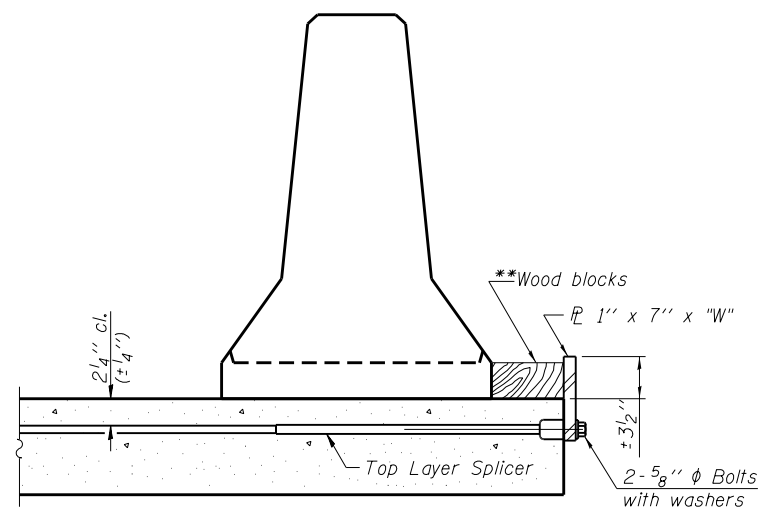
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

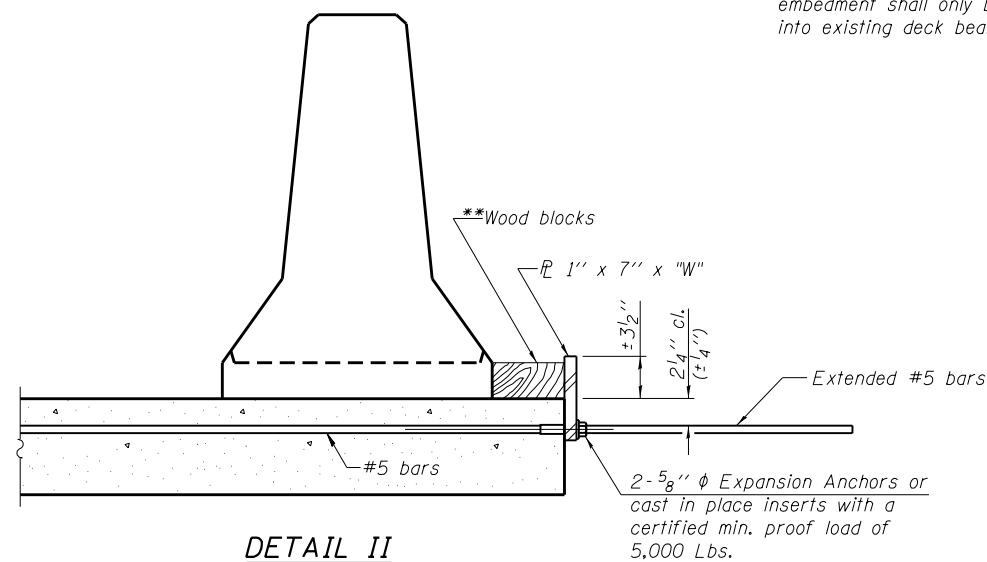
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** 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.

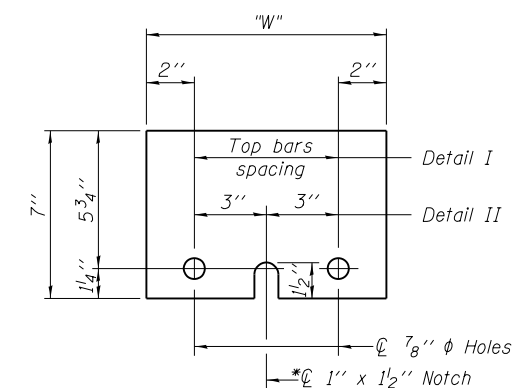
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with 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.

"W" = Top bars spacing + 4"

R-27

7-1-10

H:\Projects\3255\Phase I\Drawings\Structural\Phase I\53-ConcreteBarrier.dgn

FILE NAME =	USER NAME = aofitzpatrick	DESIGNED - MMH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION STRUCTURE NO. 078-0033	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED - DNB	REVISED -			653	(105BR-3)I	PUTNAM	39	19	
	PLOT SCALE = 0/2" = 1' / in.	DRAWN - R.VEJAR	REVISED -			CONTRACT NO. 68579					
	PLOT DATE = 3/21/2017	CHECKED - TOR	REVISED -			SHEET NO. 3 OF 9 SHEETS					

ILLINOIS FED. AID PROJECT

N. EDGE OF DECK

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade El. Adj. for D.L. Deflection
Bk. of W. Abut.	12482.73	-16.50	568.14	568.14
A	12492.73	-16.50	568.44	568.46
B	12502.73	-16.50	568.75	568.76
Bk. of E. Abut.	12510.73	-16.50	569.00	569.00

S. EDGE OF DECK

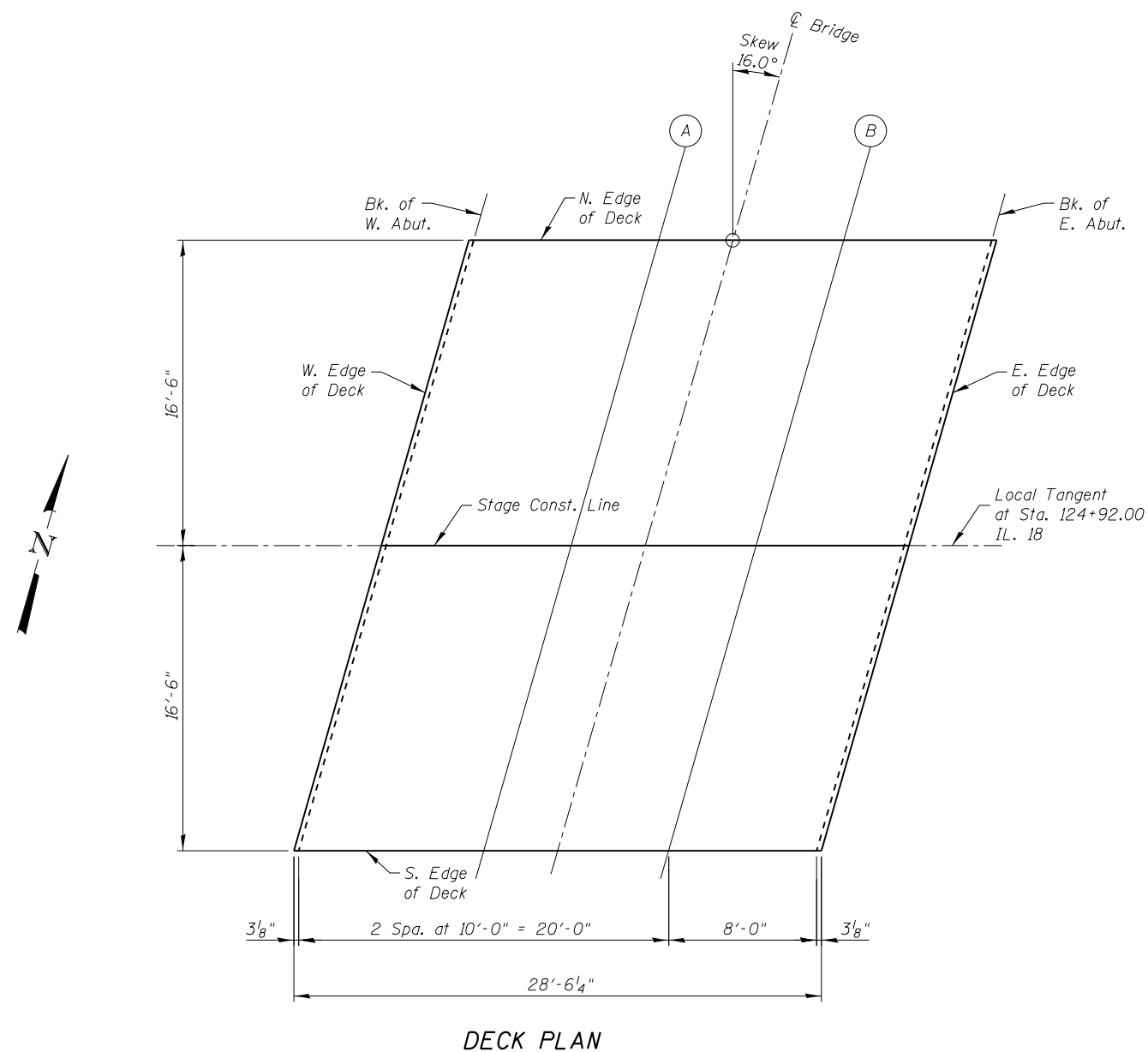
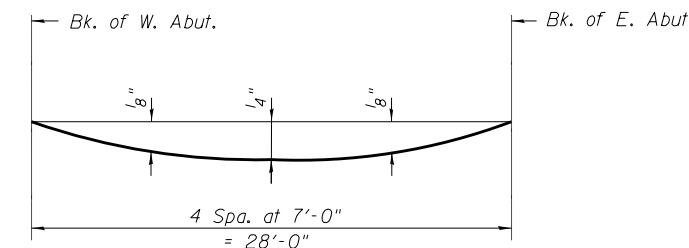
Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade El. Adj. for D.L. Deflection
Bk. of W. Abut.	12473.27	16.50	566.54	566.54
A	12483.27	16.50	566.84	566.86
B	12493.27	16.50	567.14	567.15
Bk. of E. Abut.	12501.27	16.50	567.39	567.39

STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade El. Adj. for D.L. Deflection
Bk. of W. Abut.	12478.00	0.00	567.34	567.34
A	12488.00	0.00	567.64	567.66
B	12498.00	0.00	567.94	567.96
Bk. of E. Abut.	12506.00	-0.00	568.19	568.19

DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete only.)
 Note:
 The below 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 above.



DECK PLAN

H:\Projects\3255\Phase I\Drawings\Structural\Phase I\154-SlabElevations.dgn

HOH HARRY O. HEFTER-ASSOCIATES, INC. One North Lasalle St.
 DESIGN AND CONSULTING ENGINEERS 7th Floor
 Chicago, Illinois 60602
 Project # 3255 312/346-8131

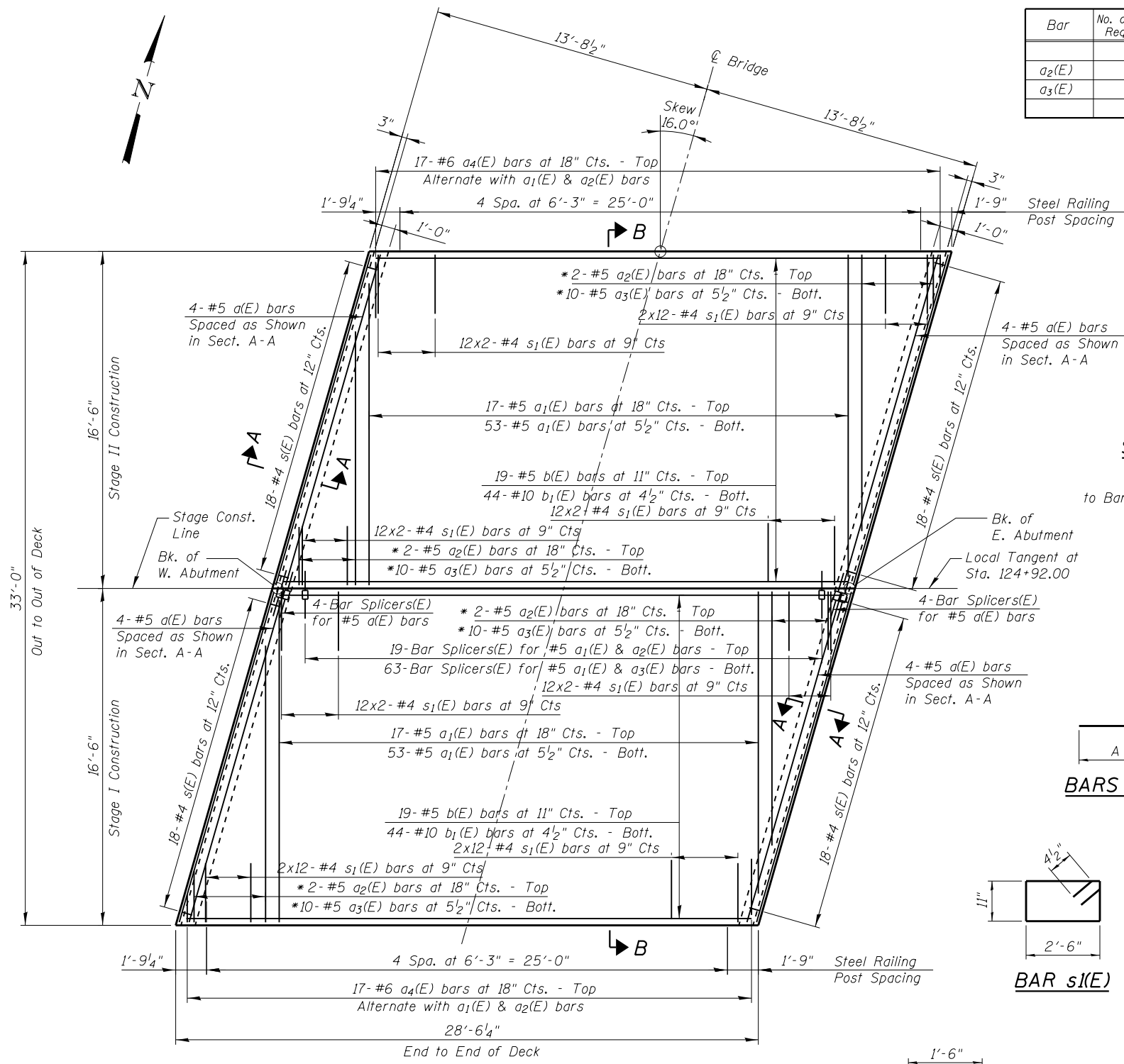
FILE NAME =	USER NAME = aefitzpatrick	DESIGNED - MMH	REVISED -
		CHECKED - DNB	REVISED -
		DRAWN - R.VEJAR	REVISED -
		CHECKED - TOR	REVISED -
	PLOT SCALE = 40x8 1/2" / 11"		
	PLOT DATE = 3/21/2017		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS
 STRUCTURE NO. 078-0033**

SHEET NO. 4 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	20
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				



DECK PLAN

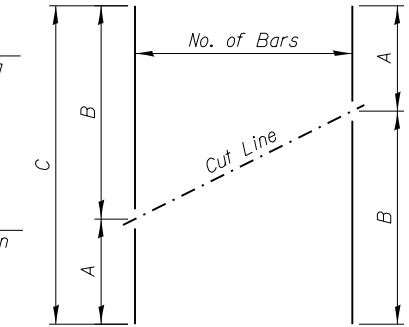
* Order a₂(E) & a₃(E) bars full length. Cut to fit skew and use remainder of bars in opposite end.

CUTTING DIMENSIONS

Bar	No. of Sets Required	No. of Bars Per Set	A	B	C
a ₂ (E)	4	2	5'-2"	5'-6"	10'-8"
a ₃ (E)	4	10	1'-10"	12'-3"	14'-1"

DIMENSION "D"

	W. Abut.	E. Abut.
N. edge of Bridge	6"	7"
S. edge of Bridge	5 ³ / ₈ "	6 ⁵ / ₈ "



SERIES OF BAR CUTTING DIAGRAM

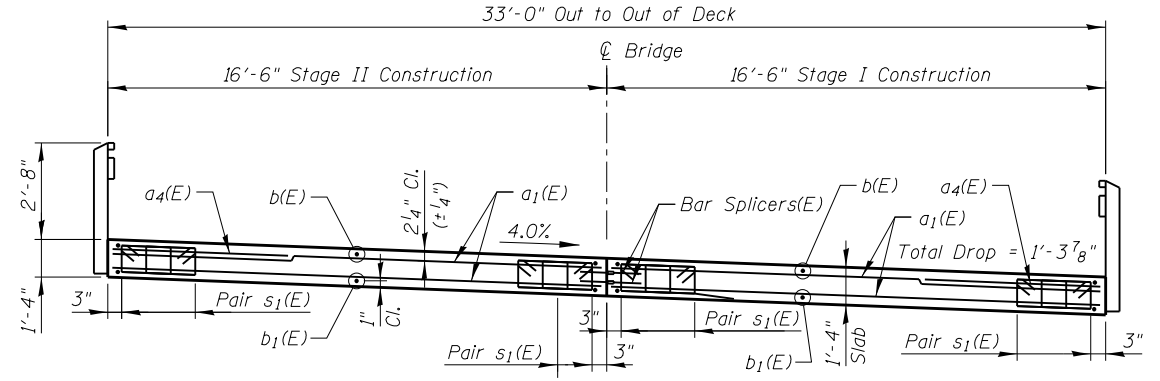
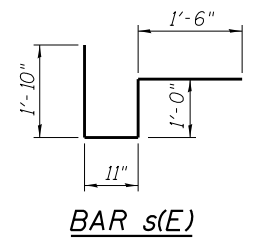
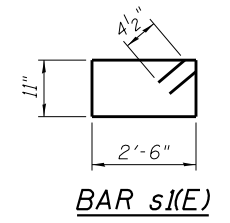
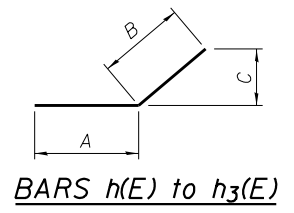
See table for dimensions. Order Bars Full Length, Cut as Shown Normal to Bar Axis and Use Remainder of Bars in Opposite Face.

BAR TABLE

Bar	A	B	C
a(E)	6"	5"	3"
h ₁ (E)	1'-3"	6"	3 ⁵ / ₈ "
h ₂ (E)	6"	5"	4"
h ₃ (E)	8"	7"	5 ¹ / ₂ "

Bar	No.	Size	Length	Shape
a(E)	16	#5	16'-10"	—
a ₁ (E)	140	#5	16'-2"	—
a ₂ (E)	8	#5	10'-8"	—
a ₃ (E)	40	#5	14'-1"	—
a ₄ (E)	34	#6	6'-6"	—
b(E)	38	#5	28'-2"	—
b ₁ (E)	88	#10	28'-2"	—
h(E)	6	#5	0'-11"	—
h ₁ (E)	6	#5	1'-9"	—
h ₂ (E)	6	#5	0'-11"	—
h ₃ (E)	6	#5	1'-3"	—
s(E)	72	#4	5'-3"	—
s ₁ (E)	192	#4	7'-7"	—
v(E)	136	#4	2'-6"	—
Reinforcement Bars, Epoxy Coated			Pound	16,920
Concrete Superstructure			Cu. Yds.	48.3

Bars indicated thus 20 x 3-#5 etc. indicates 20 line of bars with 3 lengths per line. For Bar Splicers see Sheet 9 of 9.



SECTION B-B

HOH HARRY O. HEFTER-ASSOCIATES, INC. One North LaSalle St., 7th Floor, Chicago, Illinois 60602
 DESIGN AND CONSULTING ENGINEERS Chicago, Illinois 60602 312/346-8131
 Project # 3255

FILE NAME =	USER NAME =	DESIGNED -	REVISIONS -
	sofitzpatrick	MMH	
		DNB	
		R,VEJAR	
		TOR	

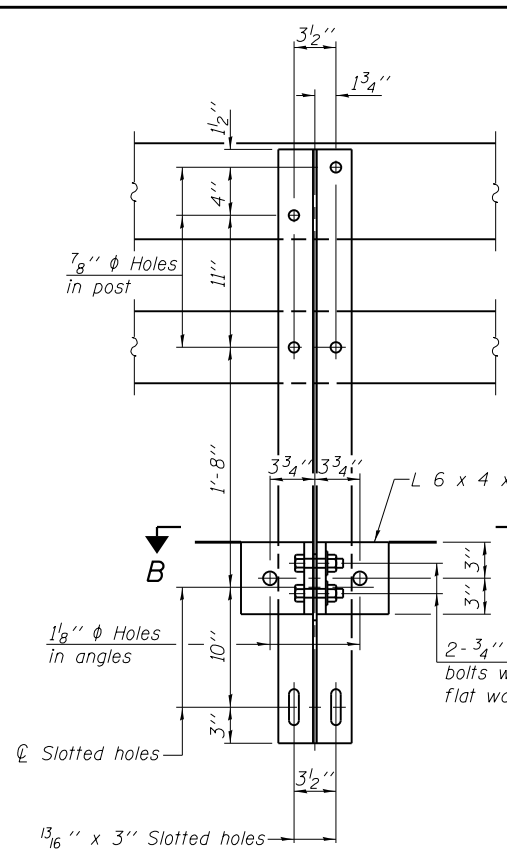
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUPERSTRUCTURE
STRUCTURE NO. 078-0033**

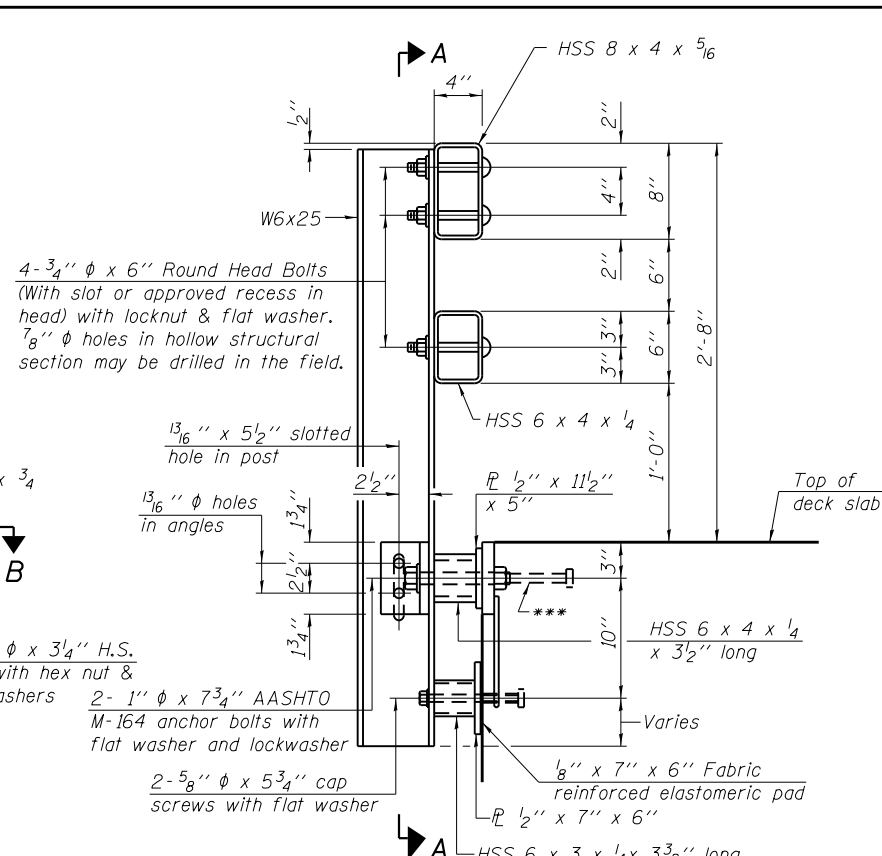
SHEET NO. 5 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	21
CONTRACT NO. 68579				

ILLINOIS FED. AID PROJECT

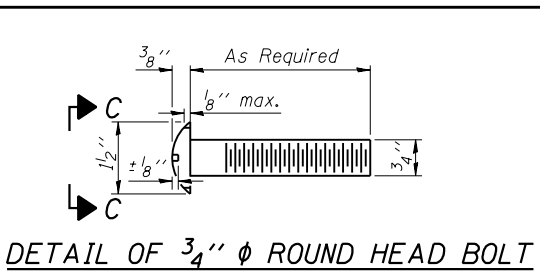


SECTION A-A

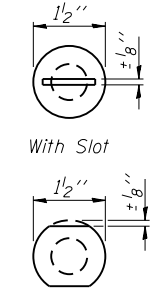


SECTION AT RAIL POST

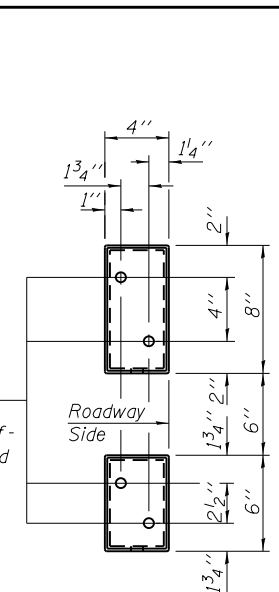
For Post spacing see plan on Sheet 5 of 9.



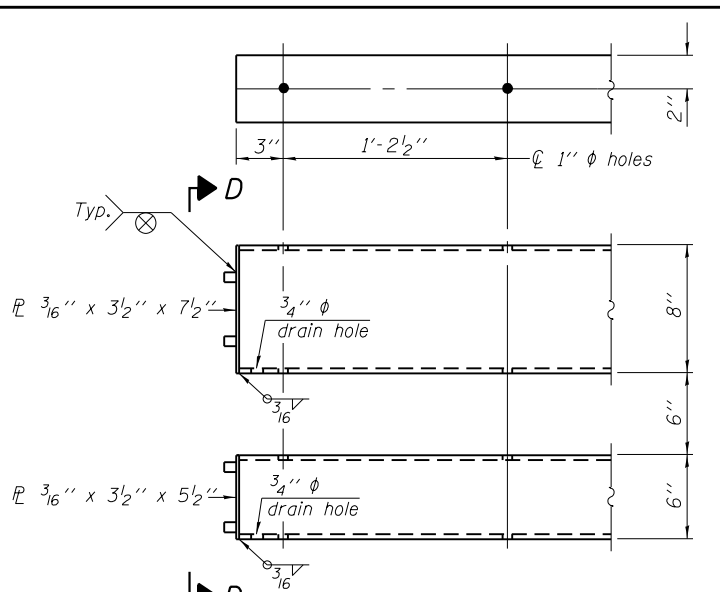
DETAIL OF 3/4" ϕ ROUND HEAD BOLT



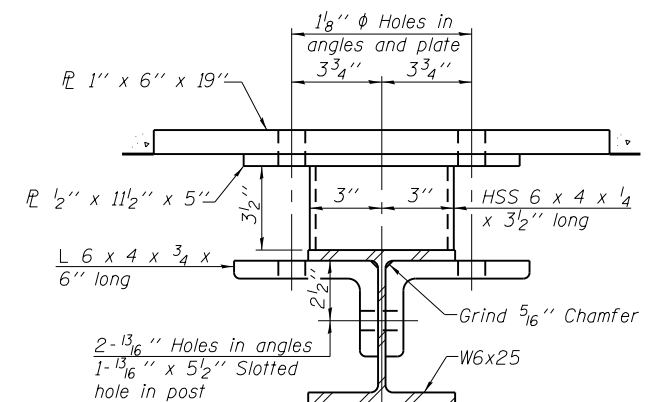
VIEW C-C



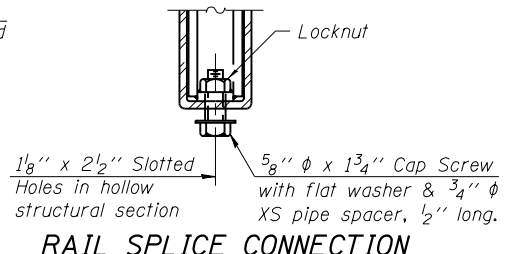
VIEW D-D



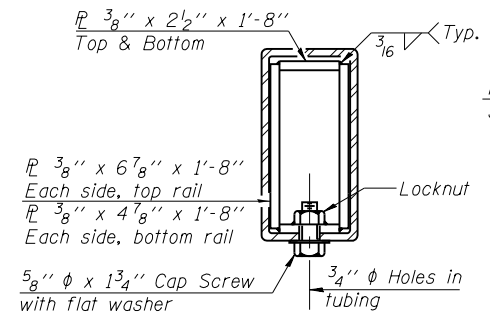
END OF RAIL DETAILS



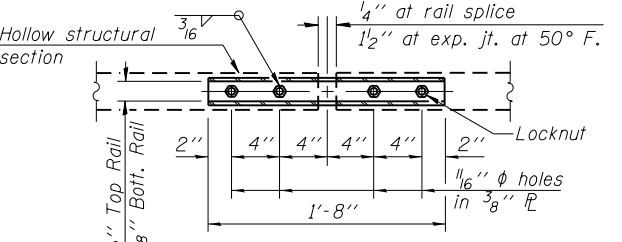
SECTION B-B



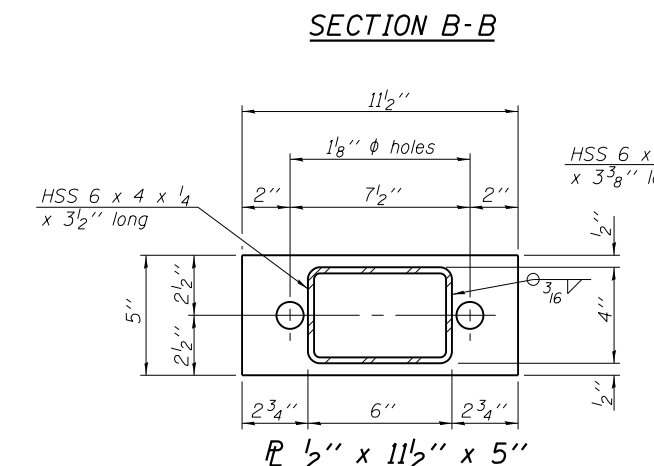
RAIL SPLICE CONNECTION AT EXPANSION JT.



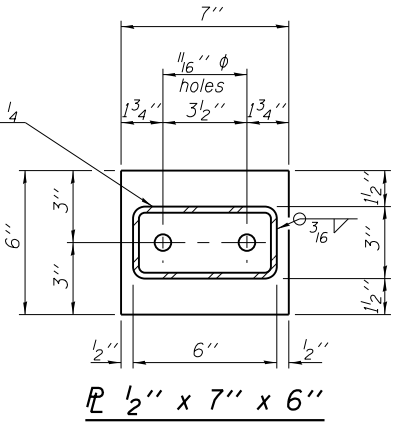
SECTION AT RAIL SPLICE



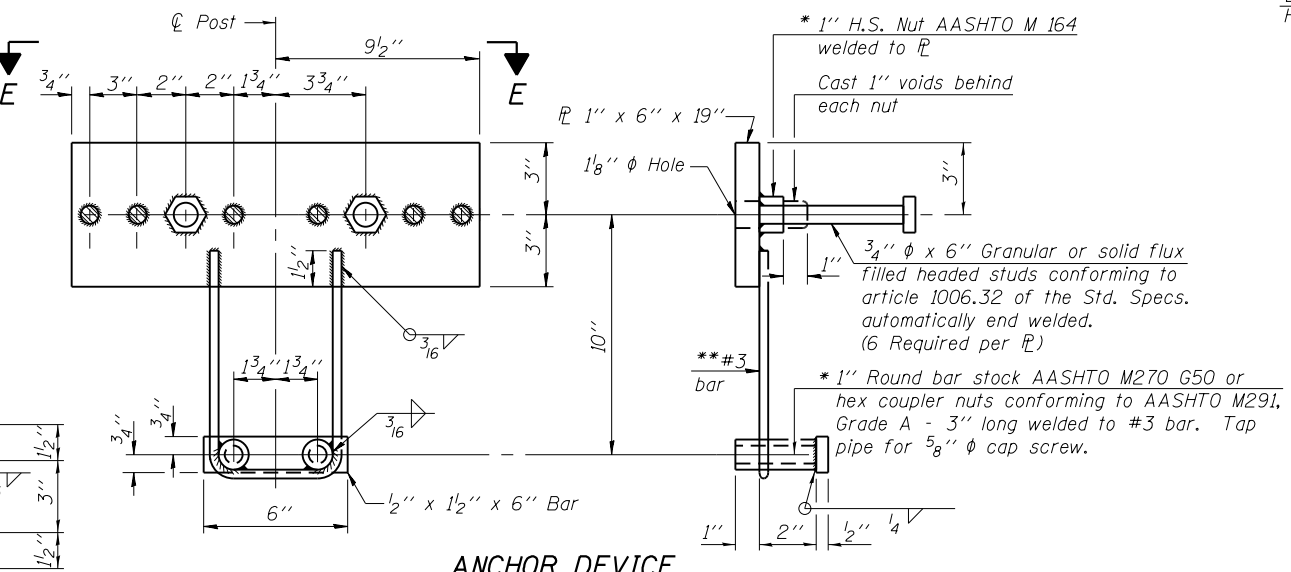
PLAN-BOTT. SPLICE TYPICAL



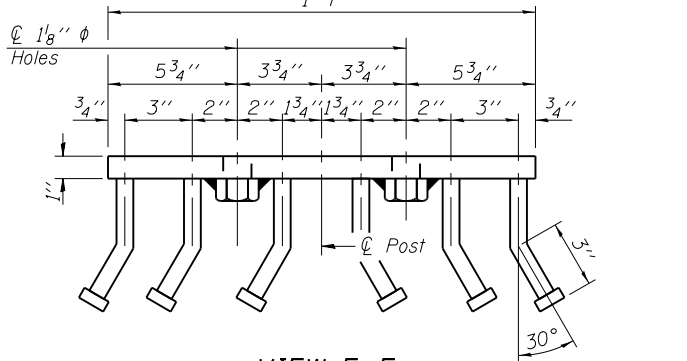
SECTION B-B



ANCHOR DEVICE



ANCHOR DEVICE



VIEW E-E

Notes:
 All field drilled holes shall be coated with an approved zinc rich paint before erection.
 For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type SM.
 All steel rail members shall be galvanized according to Article 509.05 of the Standard Specifications.
 *** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type SM	Foot	58

** Whenever the lower insert assemblies interfere with rebar locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed 1/2".

* Threaded areas shall be plugged or blocked off during casting of deck slab. Galvanized after fabrication.

(6'-3" Maximum Post Spacing) (1/4" minimum to 3/8" maximum HMA thickness)

H:\Projects\3255\Phase I\Drawings\Structural\Phase I\SS6-SteelRailing.dgn

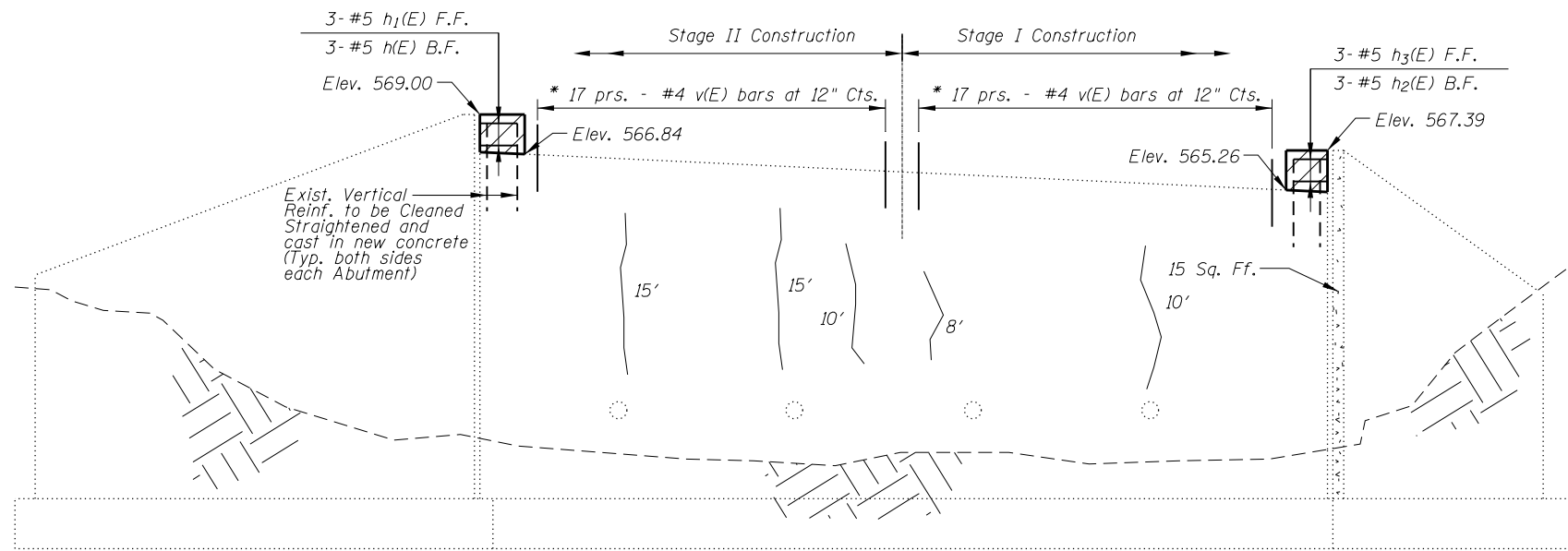
FILE NAME =	USER NAME = aofitzpatrick	DESIGNED - MMH	REVISIONS -
		CHECKED - DNB	REVISIONS -
		DRAWN - R.VEJAR	REVISIONS -
		CHECKED - TOR	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STEEL RAILING, TYPE SM
 STRUCTURE NO. 078-0033

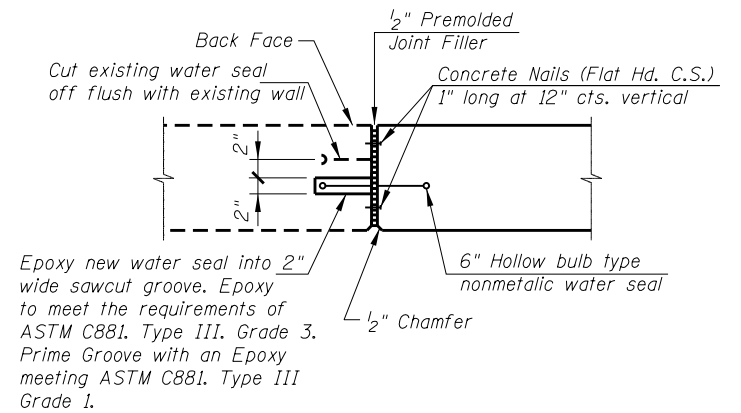
SHEET NO. 6 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	22
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				



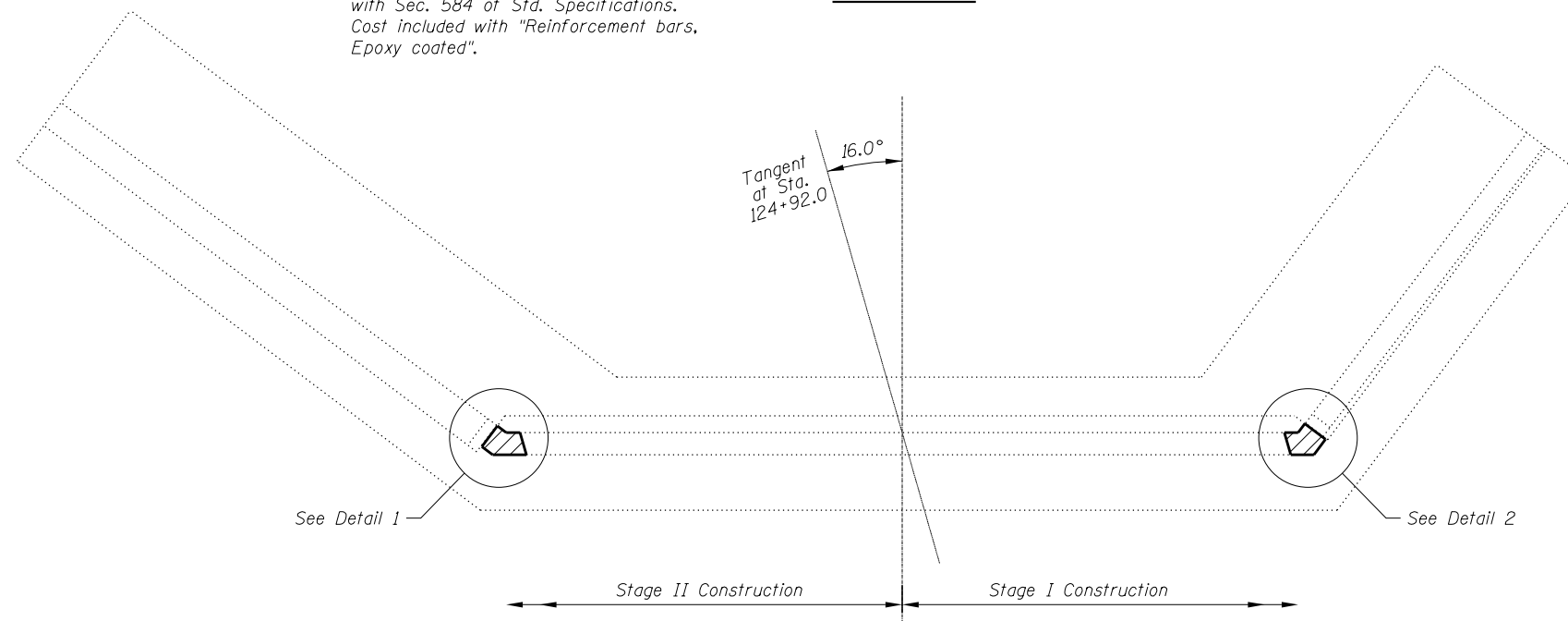
ELEVATION

* Drill 3/4" hole and epoxy grout reinforcing bars v(E) in accordance with Sec. 584 of Std. Specifications. Cost included with "Reinforcement bars, Epoxy coated".



WATER SEAL REPLACEMENT DETAIL

Cost of Water Seal Replacement included in item Concrete Superstructure.



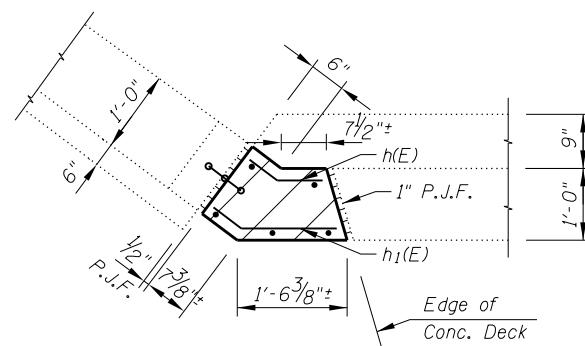
PLAN EAST ABUTMENT

BILL OF MATERIAL - 2 ABUTMENTS

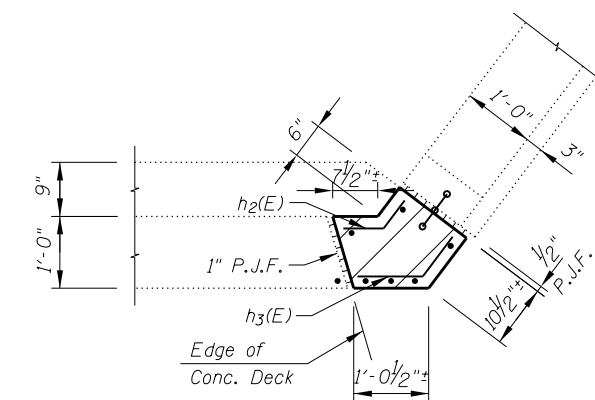
Item	Unit	Quantity
Epoxy Crack Injection	Foot	158
Structural Repair of Concrete Depth < 5"	Sq. Ft.	15
Concrete Structures	Cu. Yd.	0.6
Concrete Removal	Cu. Yd.	0.6

LEGEND

- CONCRETE REPAIR < 5"
- EPOXY CRACK INJECTION
- CONCRETE REMOVAL AND REPLACEMENT



DETAIL 1



DETAIL 2

H:\Projects\3255\Phase II\Drawings\Structural\Phase II\57 - EastAbutmentRepair.dgn

HOH HARRY O. HEFTER-ASSOCIATES, INC. One North LaSalle St.
 DESIGN AND CONSULTING ENGINEERS 7th Floor
 Chicago, Illinois 60602
 Project # 3255 312/346-8131

FILE NAME =	USER NAME = aofitzpatrick	DESIGNED - MMH	REVISED -
		CHECKED - DNB	REVISED -
		DRAWN - R.VEJAR	REVISED -
		CHECKED - TOR	REVISED -
	PLOT SCALE = 1/8" = 1'-0"		
	PLOT DATE = 5/11/2017		

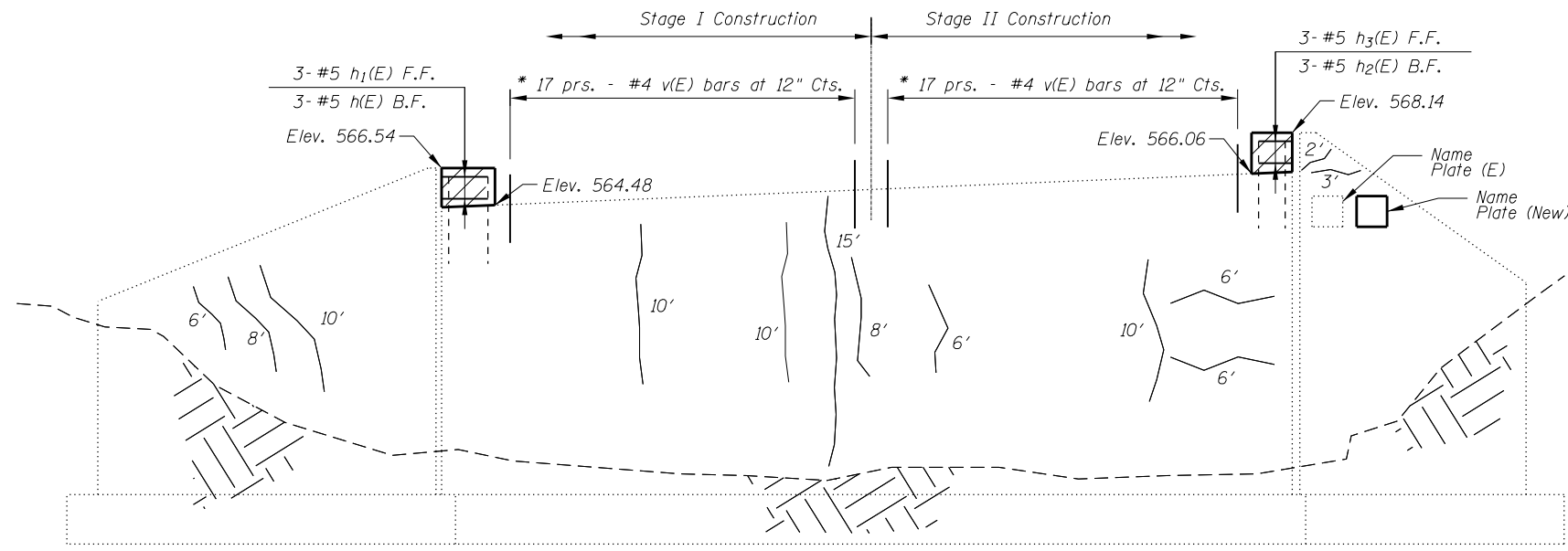
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EAST ABUTMENT REPAIR
STRUCTURE NO. 078-0033**

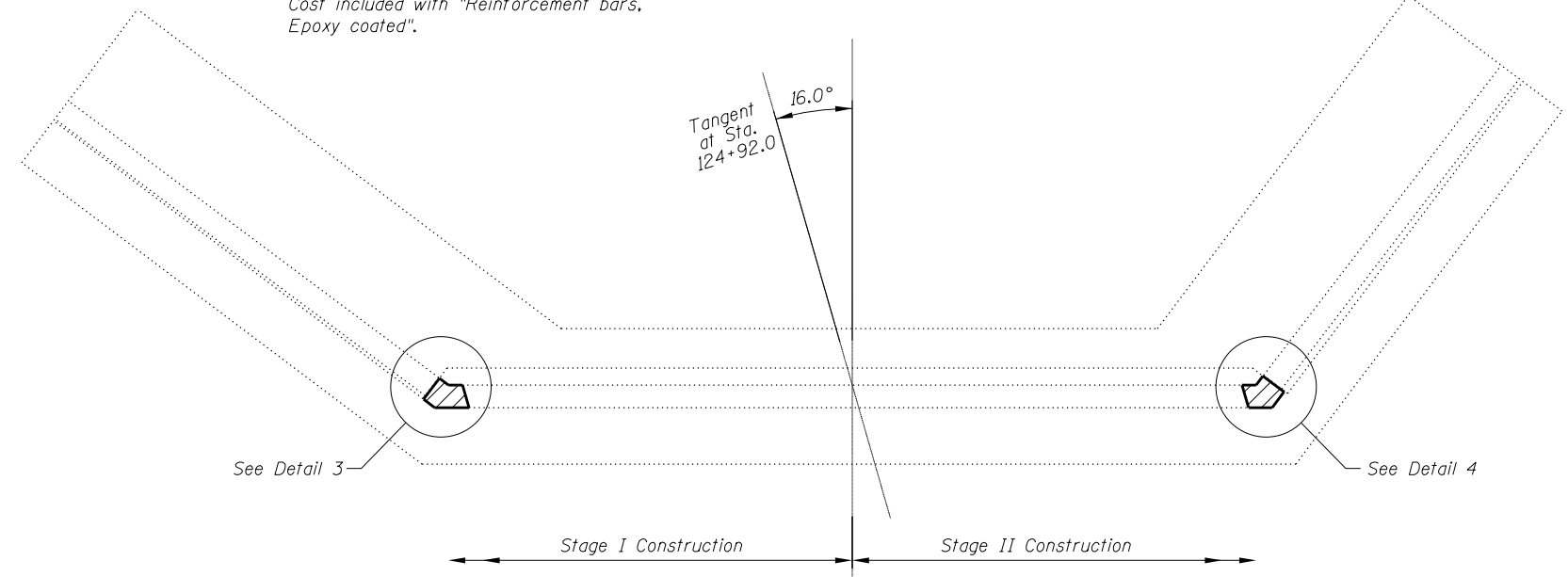
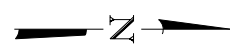
SHEET NO. 7 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	23
CONTRACT NO. 68579				

ILLINOIS FED. AID PROJECT

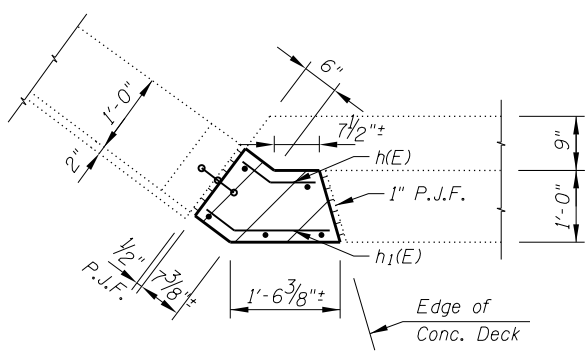


ELEVATION

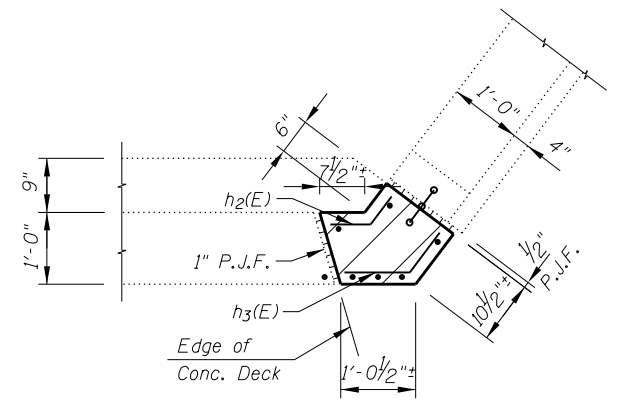


PLAN WEST ABUTMENT

- LEGEND**
- CONCRETE REPAIR < 5"
 - EPOXY CRACK INJECTION
 - CONCRETE REMOVAL AND REPLACEMENT



DETAIL 3



DETAIL 4

HOH HARRY O. HEFTER-ASSOCIATES, INC. One North LaSalle St.
 DESIGN AND CONSULTING ENGINEERS 7th Floor
 Chicago, Illinois 60602
 Project # 3255 312/346-8131

FILE NAME =	USER NAME = aefitzpatrick	DESIGNED - MMH	REVISED -
		CHECKED - DNB	REVISED -
		DRAWN - R.VEJAR	REVISED -
		CHECKED - TOR	REVISED -
	PLOT SCALE = 1/8" = 1'-0"		
	PLOT DATE = 3/21/2017		

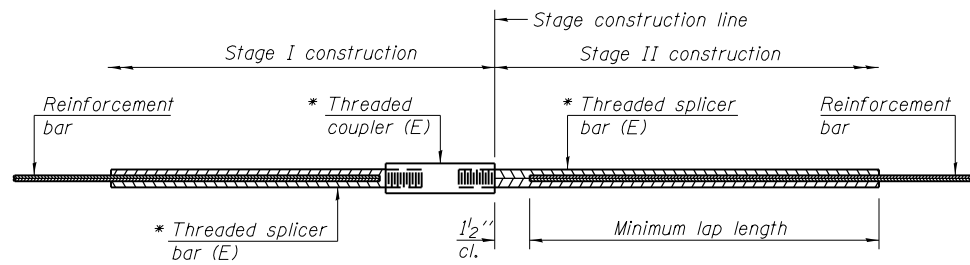
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**WEST ABUTMENT REPAIR
 STRUCTURE NO. 078-0033**

SHEET NO. 8 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	24
CONTRACT NO. 68579				
ILLINOIS FED. AID PROJECT				

H:\Projects\3255\Phase I\Drawings\Structural\Phase I\WestAbutmentRepair.dgn



STANDARD BAR SPLICER ASSEMBLY

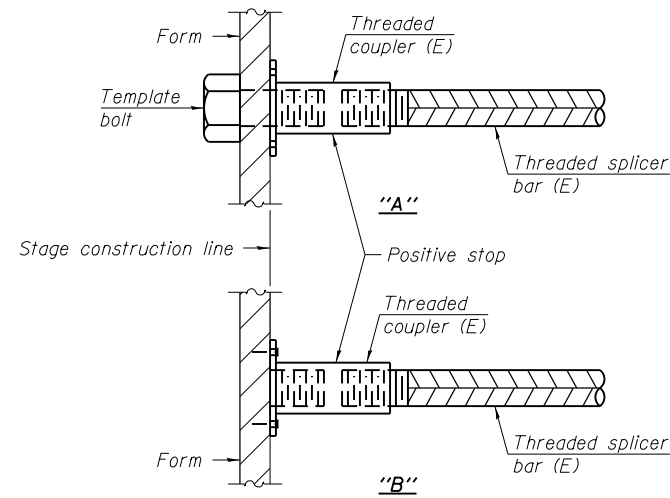
Minimum Lap Lengths					
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-3"
5	1'-9"	2'-5"	2'-7"	2'-11"	2'-10"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-4"
7	2'-9"	3'-10"	4'-2"	4'-8"	4'-6"
8	3'-8"	5'-1"	5'-5"	6'-2"	5'-10"
9	4'-7"	6'-5"	6'-10"	7'-9"	7'-5"

- 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 + 1/2" + thread length

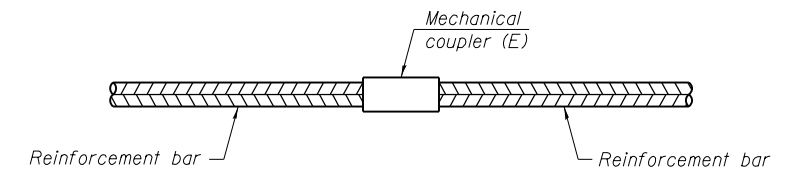
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Deck Slab	#5	90	4



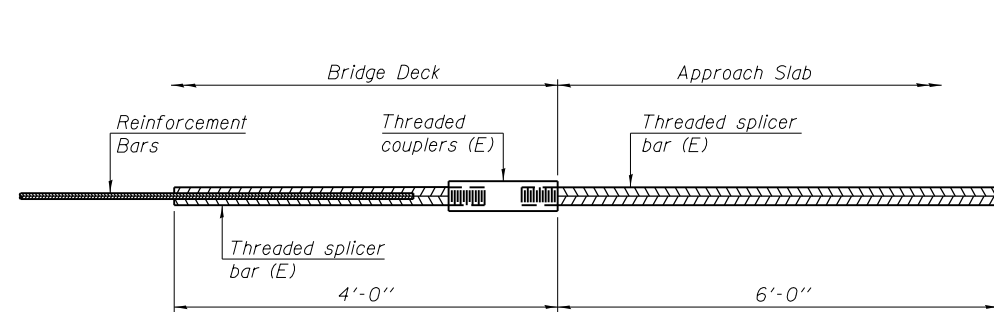
INSTALLATION AND SETTING METHODS

"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.



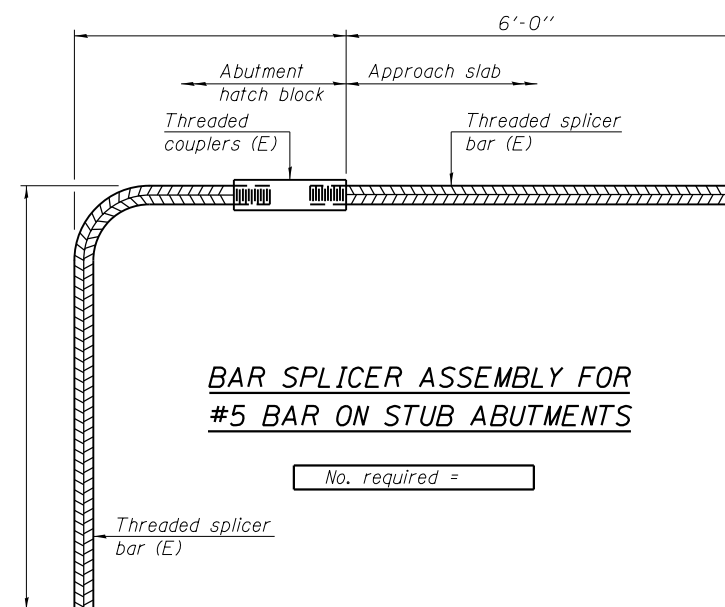
STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



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

No. required =



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

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.

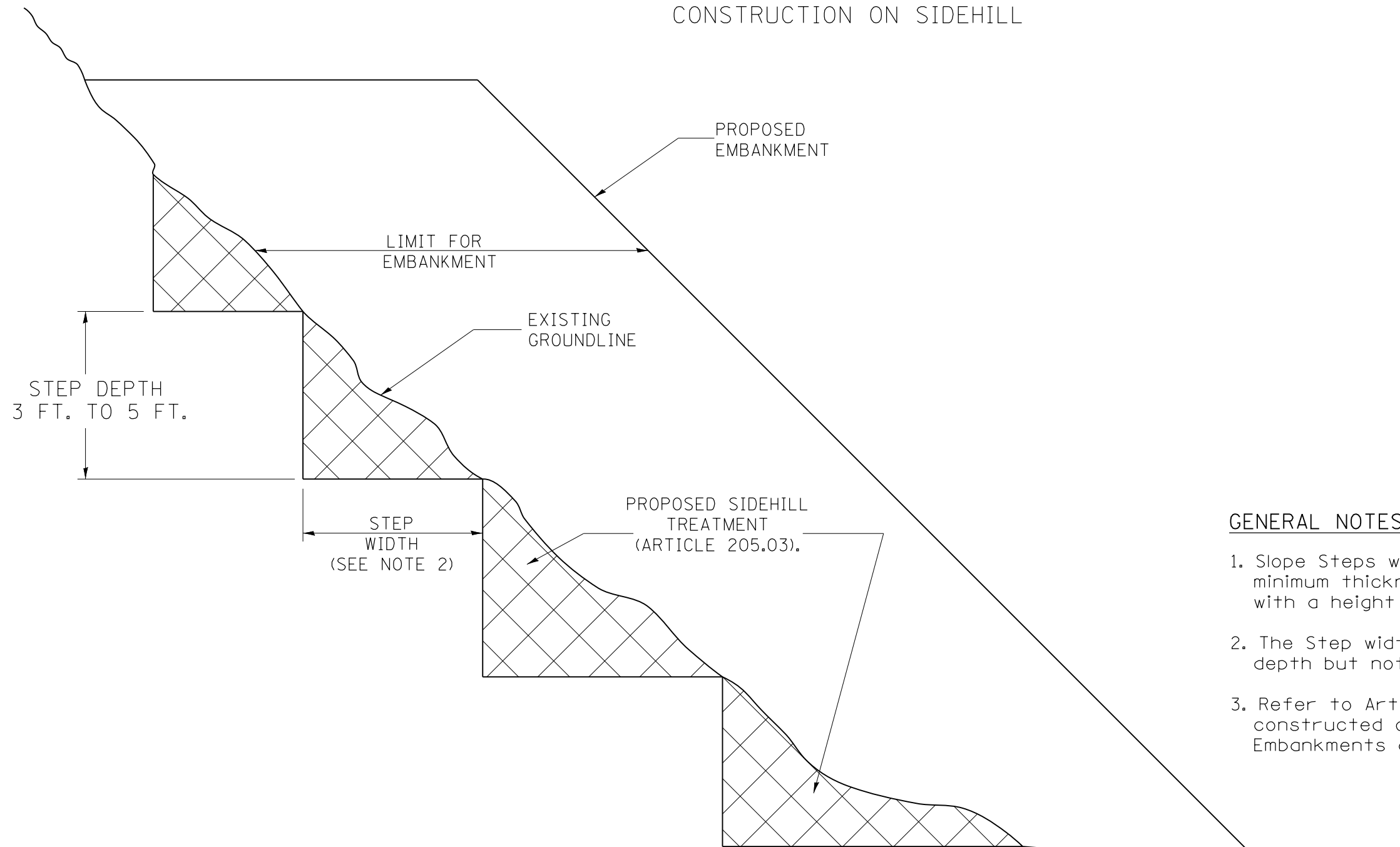
H:\Projects\3255\Phase 1\Drawings\Structural\Phase 1\59-BS-BS-1\BS-1.dgn

BSD-1 Project # 3255 7-1-10

FILE NAME =	USER NAME = aefitzpatrick	DESIGNED - MMH	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS STRUCTURE NO. 078-0033	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1/8" = 1'-0"	CHECKED - DNB	REVISD -			653	(105BR-3)I	PUTNAM	39	25	
	PLOT DATE = 3/21/2017	DRAWN - R.VEJAR	REVISD -			CONTRACT NO. 68579					
		CHECKED - TOR	REVISD -			ILLINOIS FED. AID PROJECT					

SLOPE STEPS DETAIL

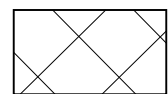
TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



GENERAL NOTES:

1. Slope Steps will be required for all 12(300) minimum thickness "sliver fills" and on a fills with a height of 10 feet or greater.
2. The Step width shall be twice the Step depth but not less than 6 feet.
3. Refer to Article 205.03 for Embankment to be constructed on Hillside or Slopes, or if existing Embankments are to be widened.

REPLACEMENT MATERIAL:



STANDARD EMBANKMENT
(IN ACCORDANCE WITH
205 OF THE STANDARD SPECIFICATION).

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

1-1-97	RENUM. L-5.03, NEW REVISION BOX, REVISED TITLE	T.P.
	BOX, REVISED GENERAL NOTES.	
10-16-06	REVISED TO 2007 SPEC.	M.A.

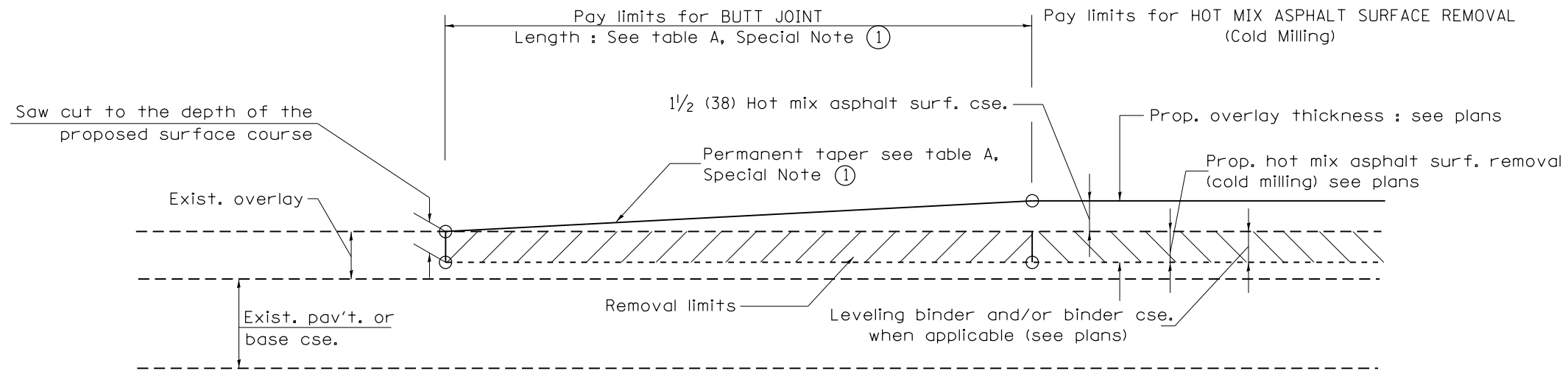
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SLOPE STEPS DETAIL

NOT TO SCALE

CADD STD. 205001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	26
CONTRACT NO. 68579				
<small>FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT</small>				



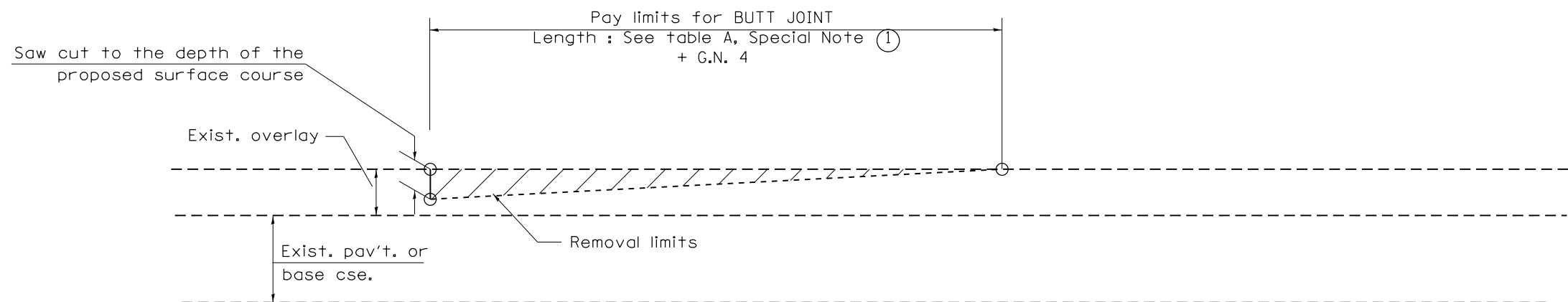
CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

**TABLE A
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

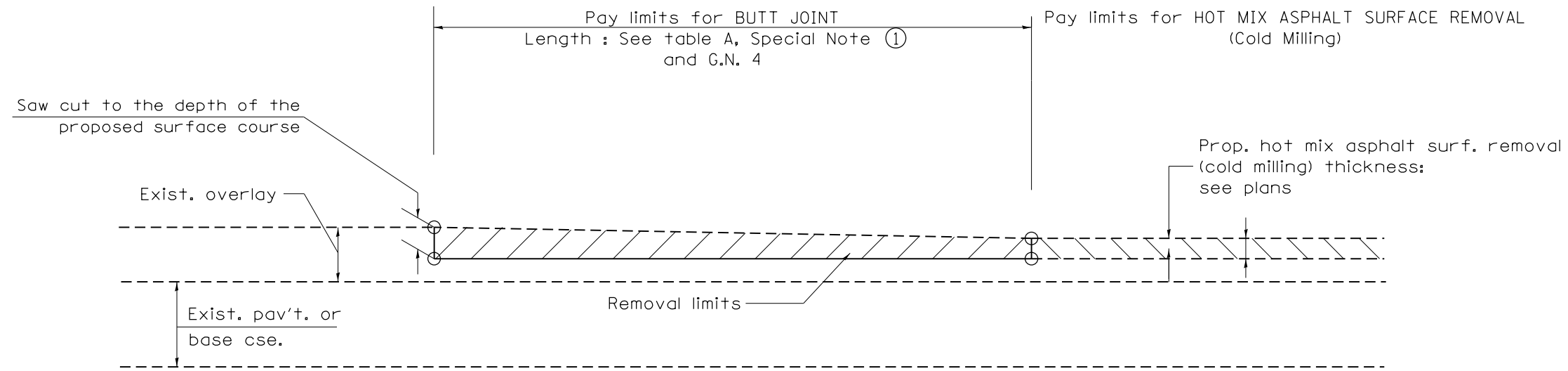
GENERAL NOTES

1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.

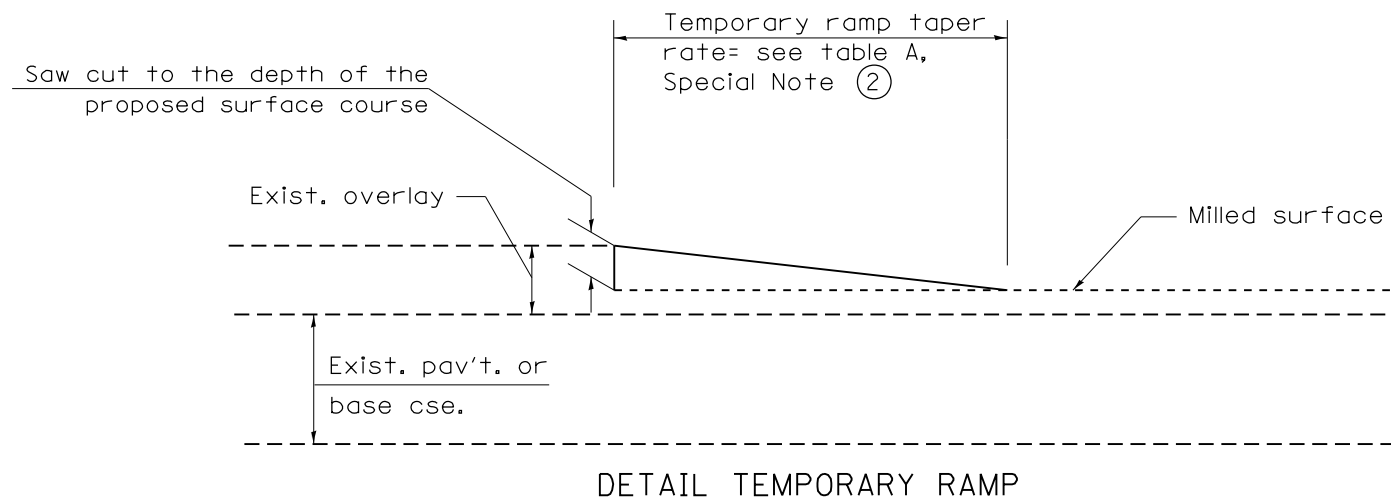


CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

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

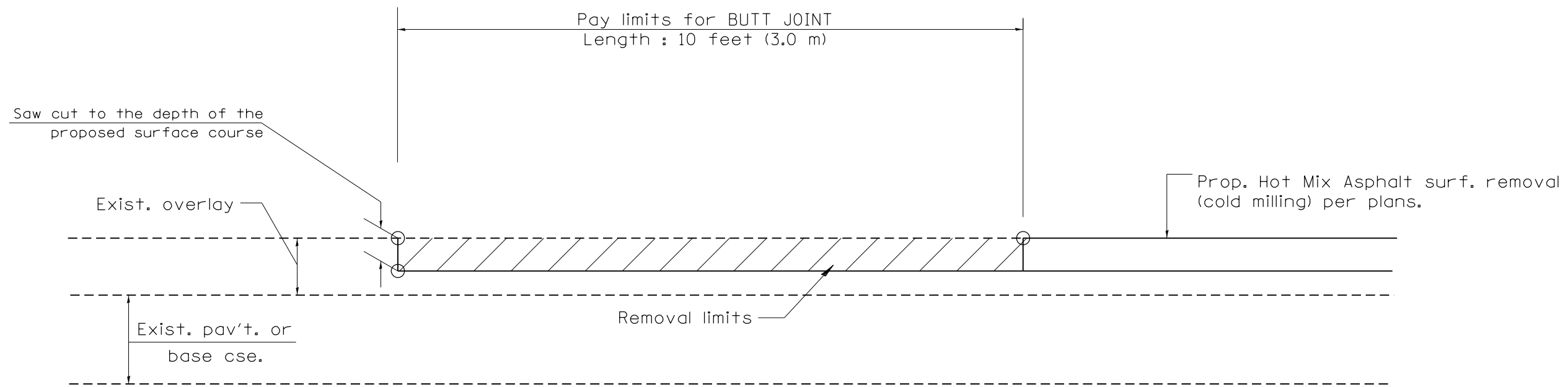


CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER



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

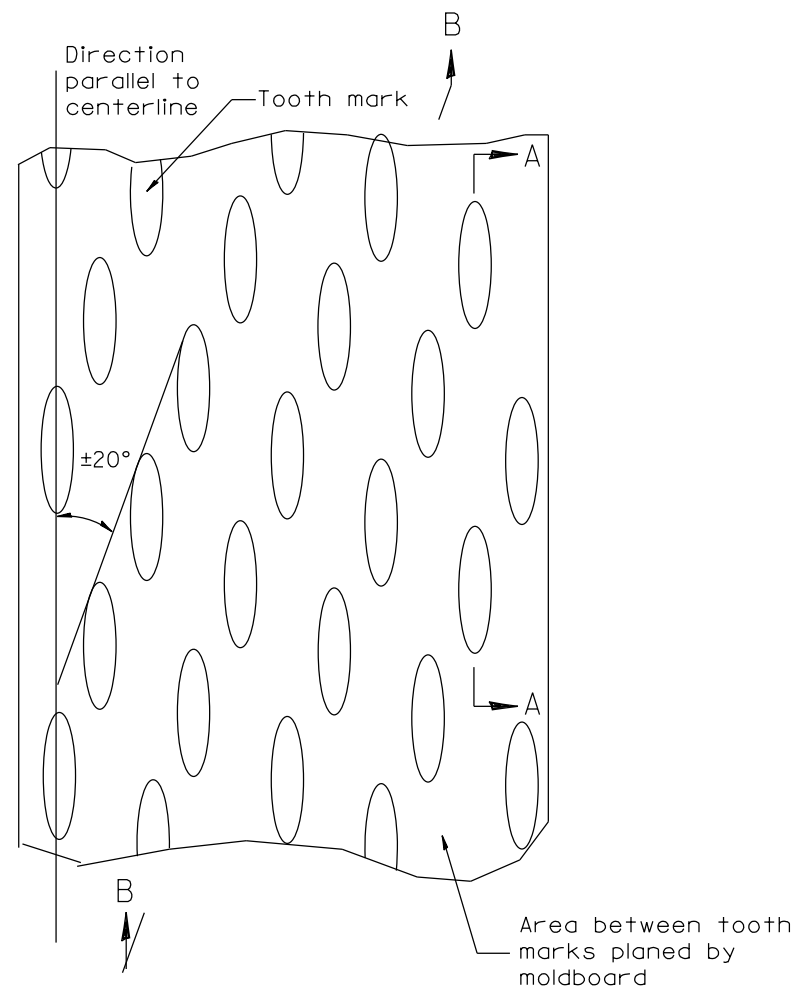
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 2 OF 3 CADD STD. 406101-D4	
				NOT TO SCALE		FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT	
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
653	(105BR-3)I	PUTNAM	39	28	CONTRACT NO. 68579				



CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH
HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)
TIE-IN TO EXISTING BITUMINOUS TAPER

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

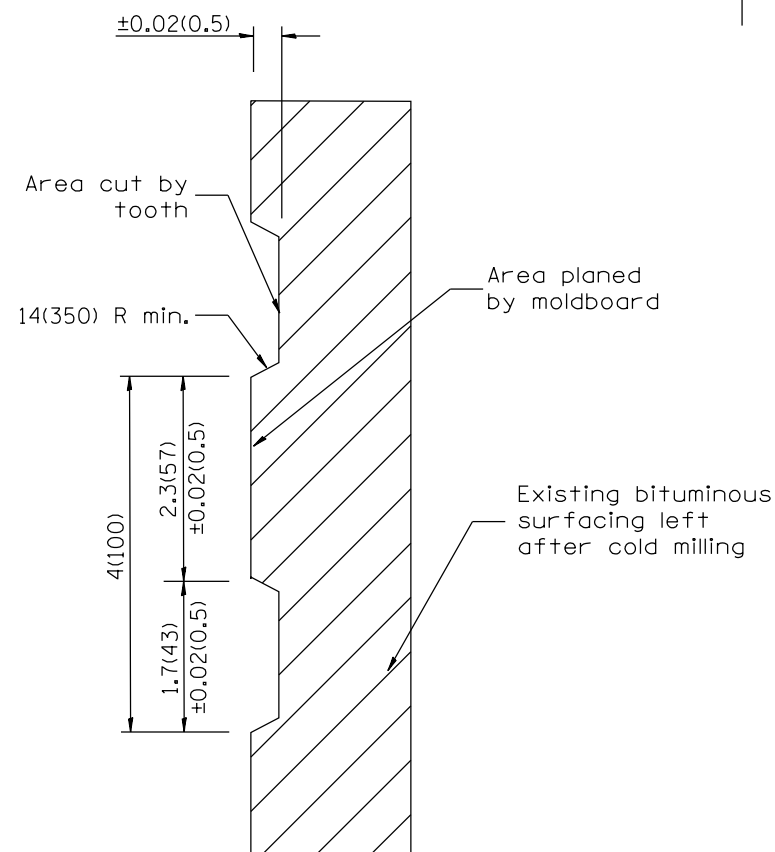
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		BUTT JOINTS		SHT. 3 OF 3 CADD STD. 406101-D4	
						NOT TO SCALE			
				F.A.P. RTE. 653		SECTION (105BR-3)I		COUNTY PUTNAM	
				TOTAL SHEETS 39		SHEET NO. 29		CONTRACT NO. 68579	
				FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT	



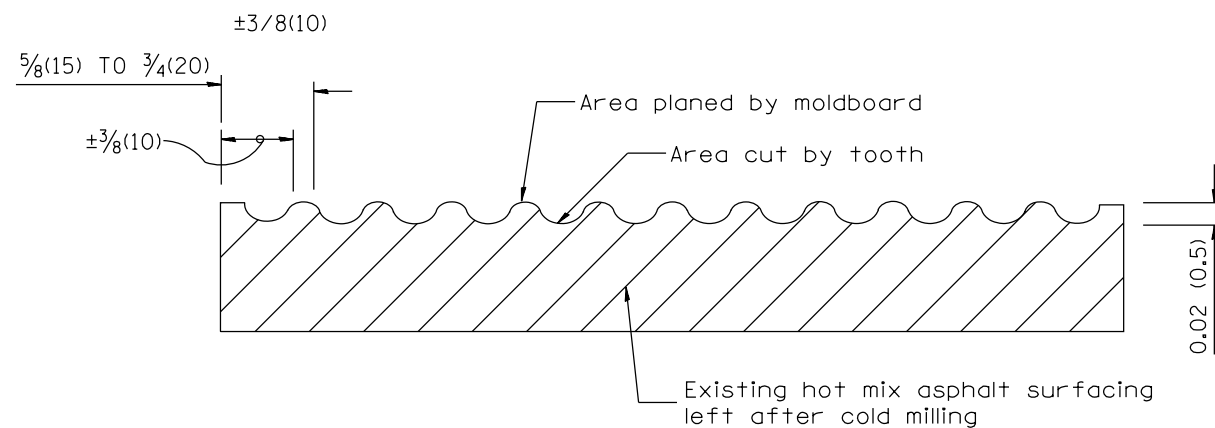
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED
PERPENDICULAR TO CENTERLINE

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

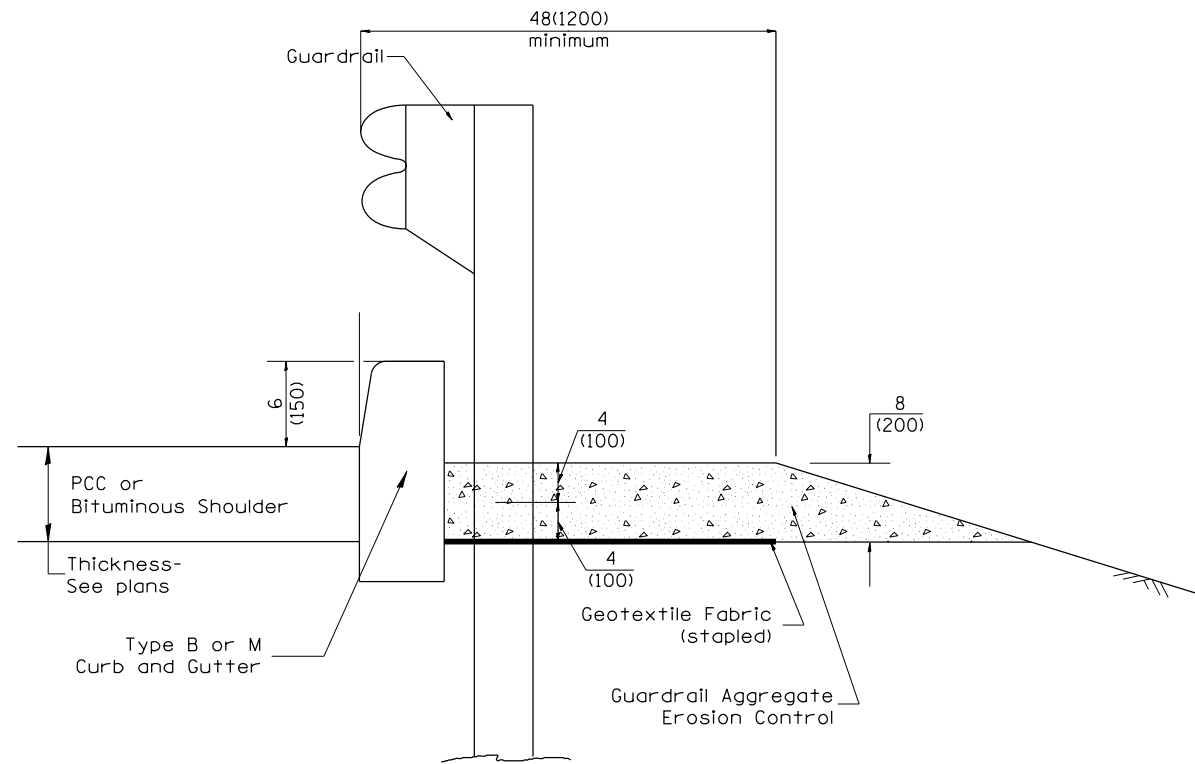
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

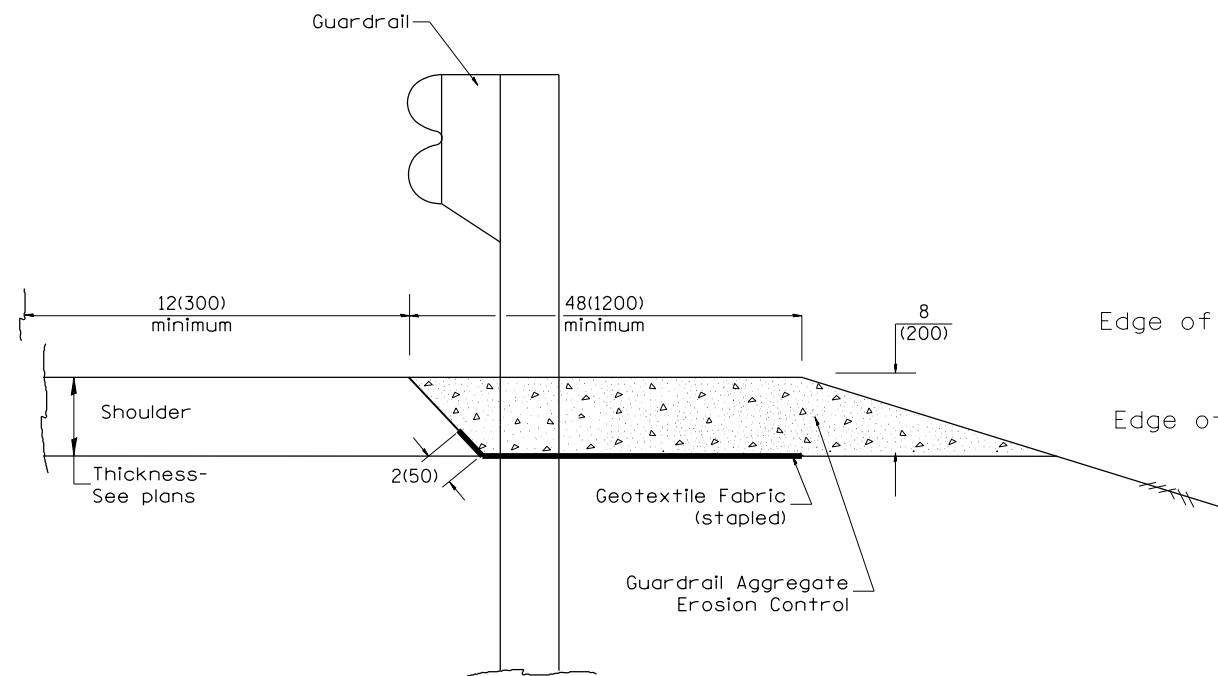
NOT TO SCALE

CADD STD. 440001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	30
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			CONTRACT NO. 68579	



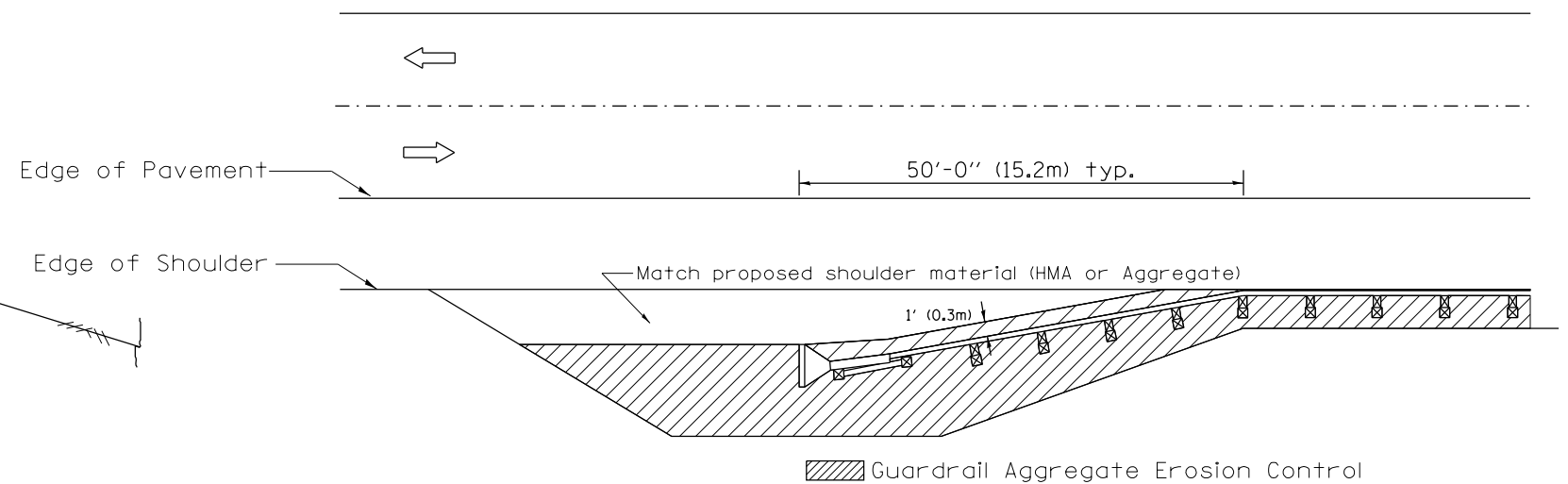
TYPICAL SECTION WITH EROSION CONTROL CURB



TYPICAL SECTION WITHOUT EROSION CONTROL CURB

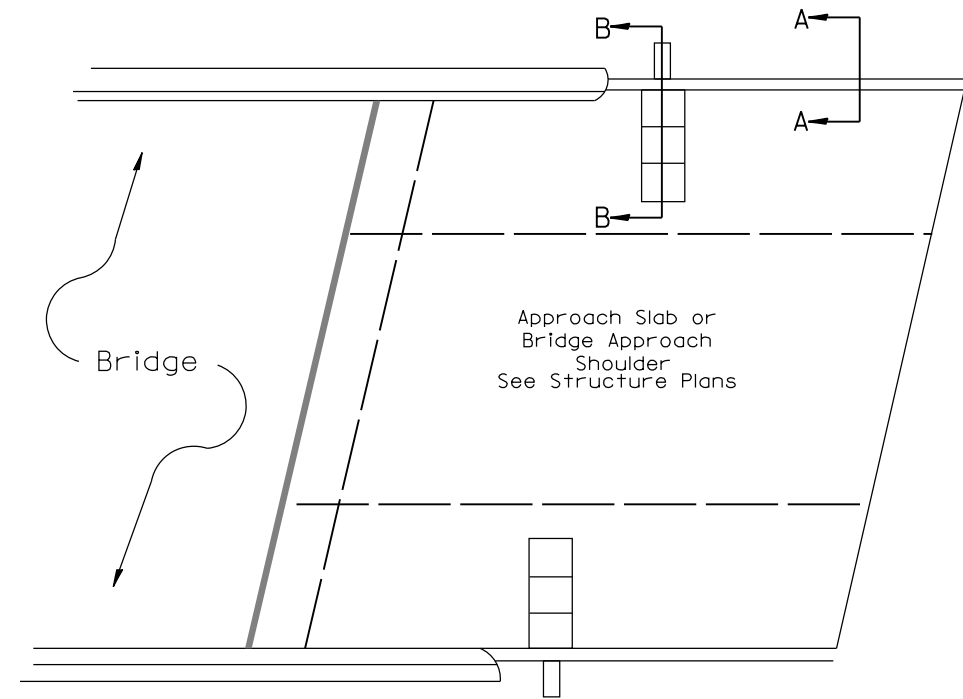
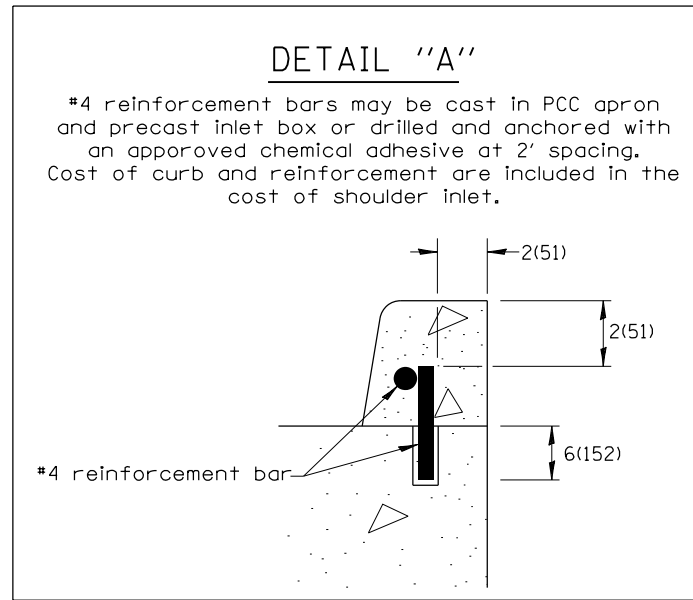
GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
 - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
 - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.

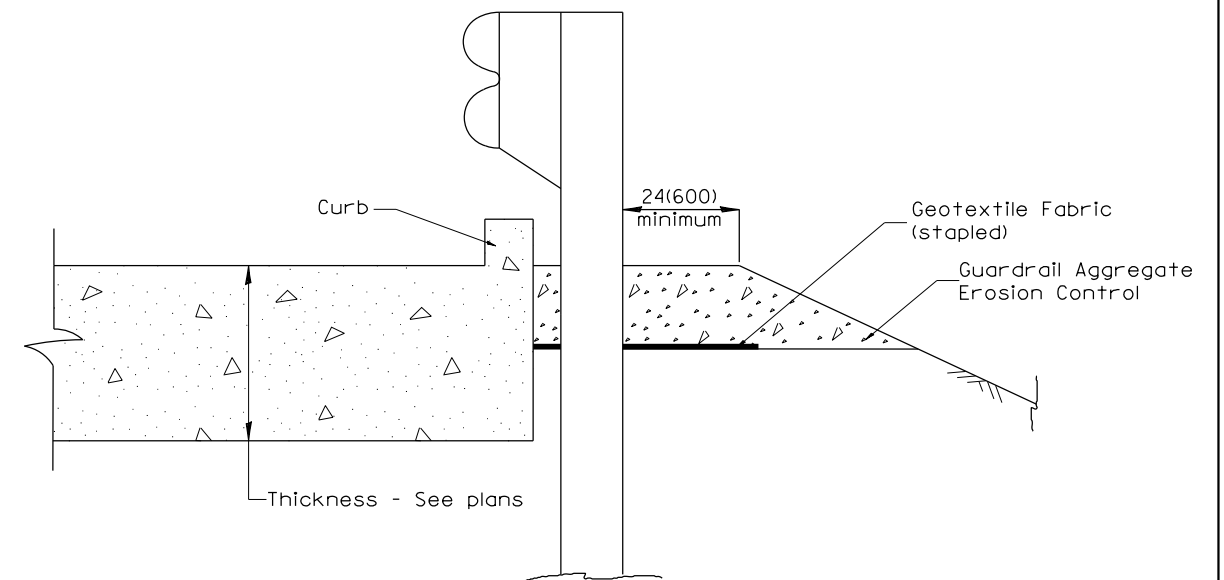
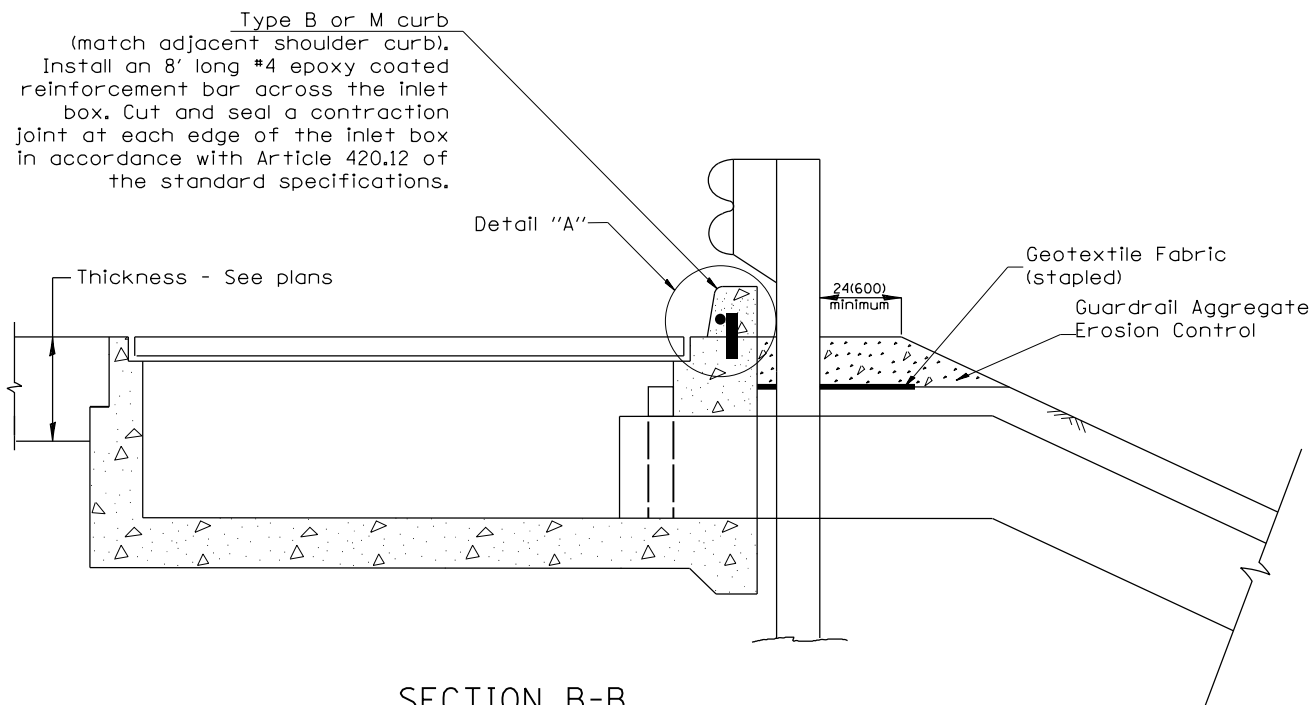


All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = aafitzpatrick	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\Projects\3255\PHASE II\Drawings\Civil\CADD_Sheets\0468579-sht-04std.dgn	CADD_Sheets\0468579-sht-04std.dgn	DRAWN -	REVISED -			653	(105BR-3)I	PUTNAM	39	31	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SH. 1 OF 2 CONTRACT NO. 68579					
Default	PLOT DATE = 3/21/2017	DATE -	REVISED -			NOT TO SCALE	SHEET	OF	SHEETS	STA.	CADD STD. 630101-D4



PLAN VIEW
APPROACH SLAB OR SHOULDER PLACEMENT

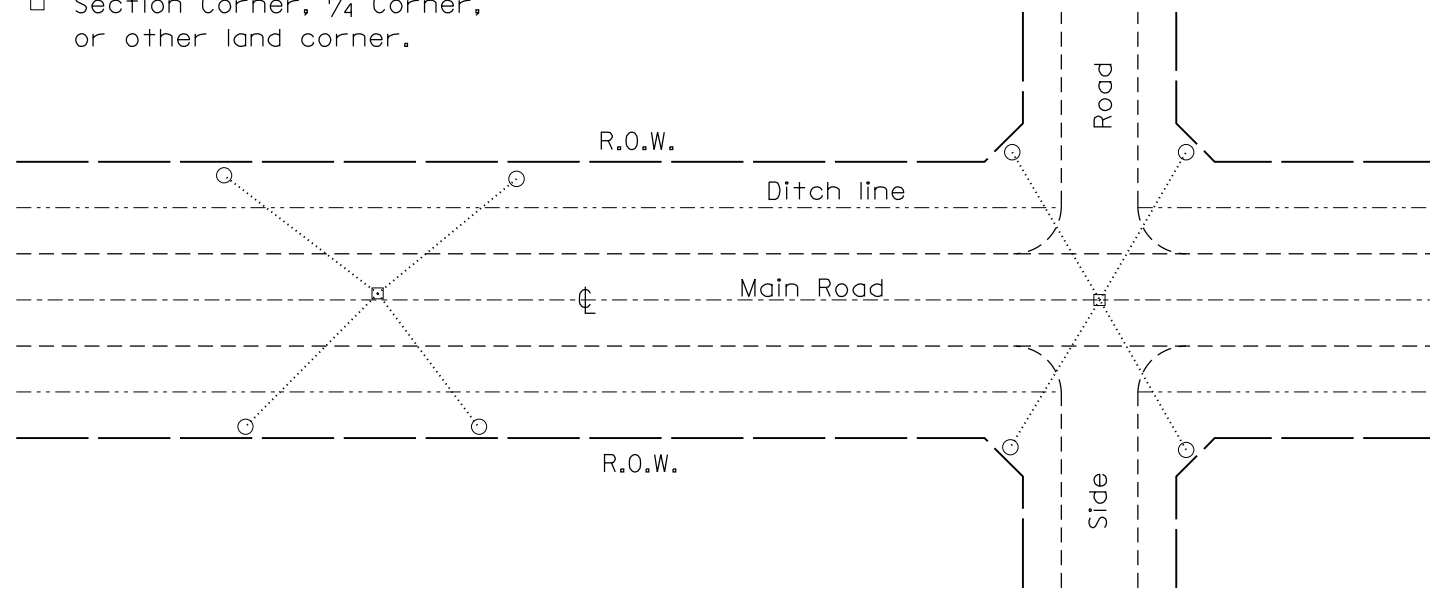


All dimensions are in inches (millimeters) unless otherwise noted.

FILE NAME =	USER NAME = aofitzpatrick	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL EROSION CONTROL TREATMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
H:\Projects\3255\PHASE II\Drawings\Civil\CADD_Sheets\0468579-sht-D4std.dgn	CADD_Sheets\0468579-sht-D4std.dgn	DRAWN -	REVISED -			653	(105BR-3)I	PUTNAM	39	32	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SHT. 2 OF 2 CONTRACT NO. 68579					
	PLOT DATE = 3/21/2017	DATE -	REVISED -			NOT TO SCALE SHEET OF SHEETS STA. CADD STD. 630101-D4 FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT					

PERMANENT SURVEY TIES

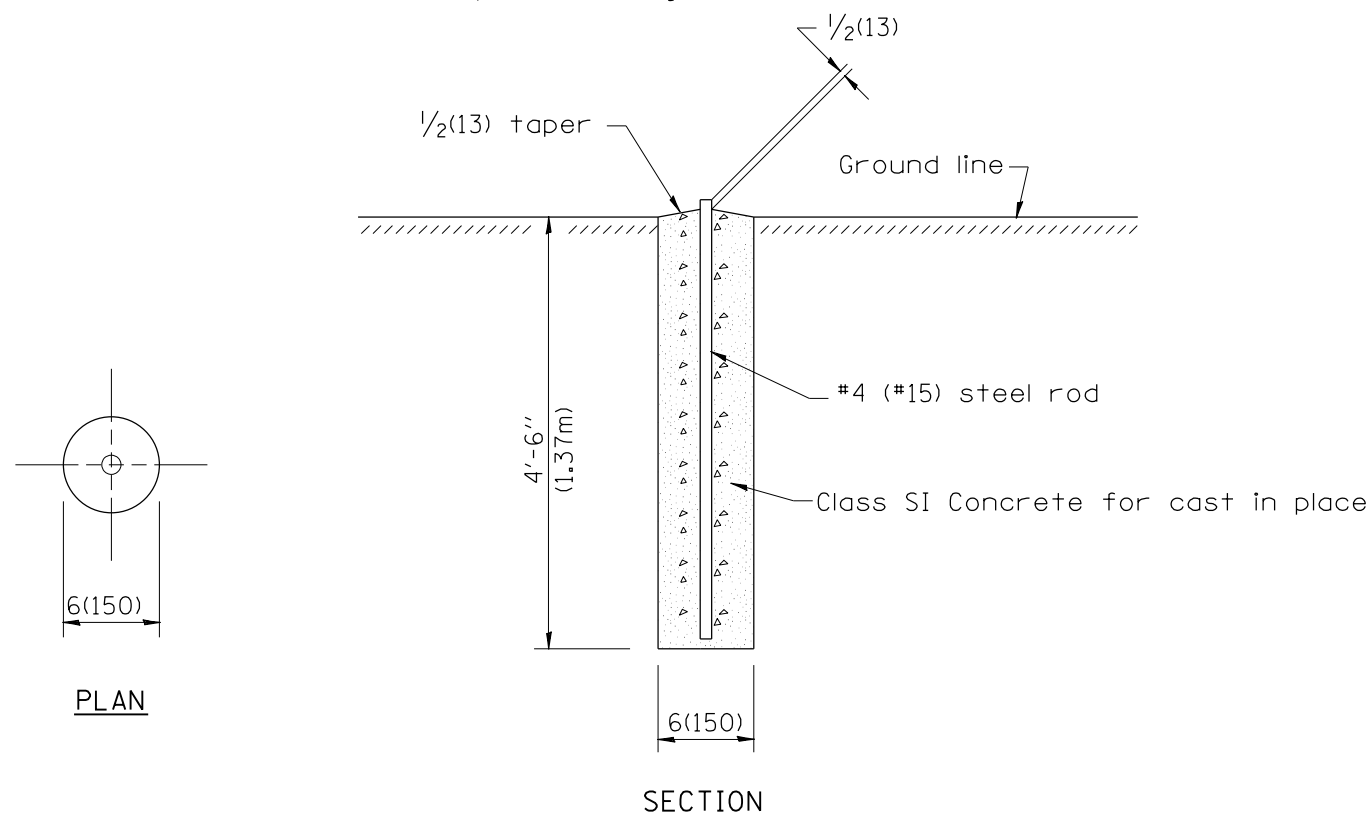
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



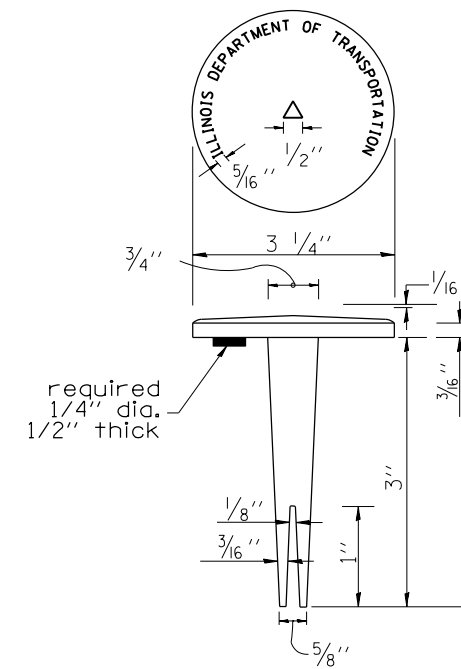
TYPICAL APPLICATION

GENERAL NOTES

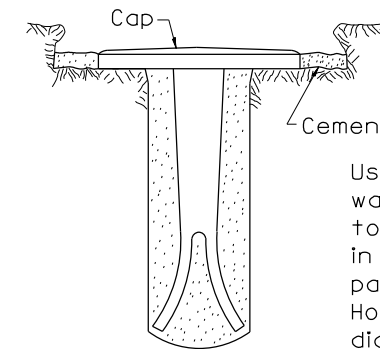
1. The marker shall be cast in place of Class SI Concrete.
2. Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
3. The tie distances to the section corner shall be measured and recorded by the surveyor setting the PSM. All ties shall be turned over to the IDOT Chief of Surveys or Chief of Plats for recordation.
4. All documentation shall be performed by a PLS



PERMANENT SURVEY MARKERS



BRASS TABLET

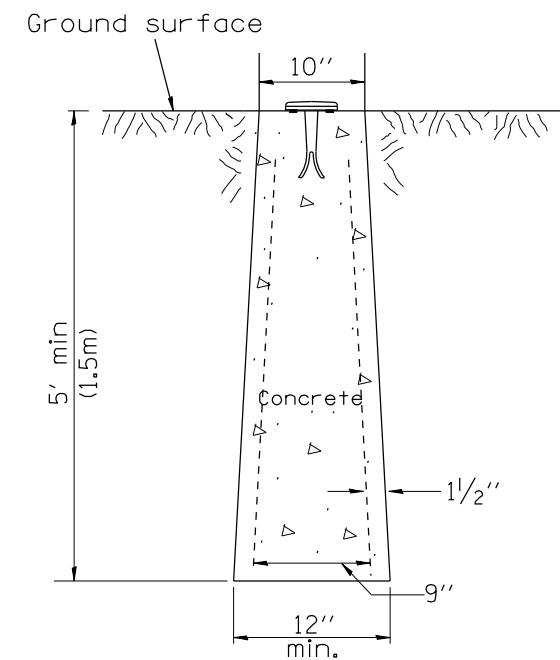


Tablet constructed in rock ledge or concrete.

TYPE I

GENERAL NOTES

1. All type II markers shall be cast in place, and precast markers will not be allowed.
2. Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
3. The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s, P.C.'s, and P.I.'s located within the R.O.W. of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
4. The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
5. The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



**TYPE II
CAST-IN-PLACE MARKER**

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

01-01-97	RENUM. D-3.01, NEW REVISION BOX, REVISED	T.P.	10-16-06	REVISED TO 2007 SPEC.	M.A.
	TITLE BOX, ADD DESIGNER NOTE		01-04-11	REVISED FOR CORRECTIONS	R.D.
07-07-98	ADD DESIGNER NOTE	J.A.	08-21-13	CHANGED MIN. DIAMETER	R.D.
05-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.	08-25-15	REVISED MATERIAL	R.D.

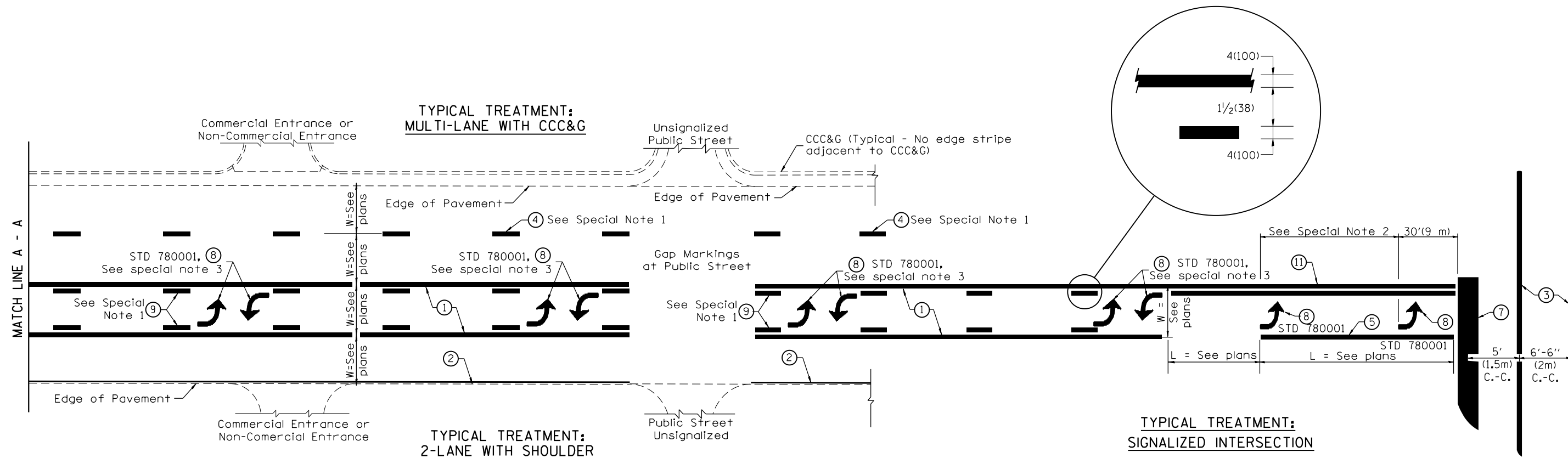
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

**PERMANENT SURVEY TIE &
PERMANENT SURVEY MARKERS TY.I - TY.II**

CADD STD. 667101-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	33
CONTRACT NO. 68579				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION

TYPICAL PAVEMENT MARKING LEGEND

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A) ⑩
- ⑪ 4(100) Double Solid (Yellow) ⑪

SPECIAL NOTES

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
 - A. A minimum of two (2) arrows is required.
 - B. The maximum spacing between arrows is 80' (24 m).
 - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
 - A. A minimum of two (2) arrow pairs is required.
 - B. The maximum spacing between arrow pairs is 200' (61 m).
 - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
 - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

GENERAL NOTES

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
Through Arrow= 14.8 sq. ft.
Large Left or Right Arrow= 21.9 sq. ft.
2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
Wrong Way Arrow= 29.5 sq. ft.
Railroad Crossing Symbol= 69.8 sq. ft.
(For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.	2/29/16	ADDED GROOVING AREAS	R.D.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.			
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.			

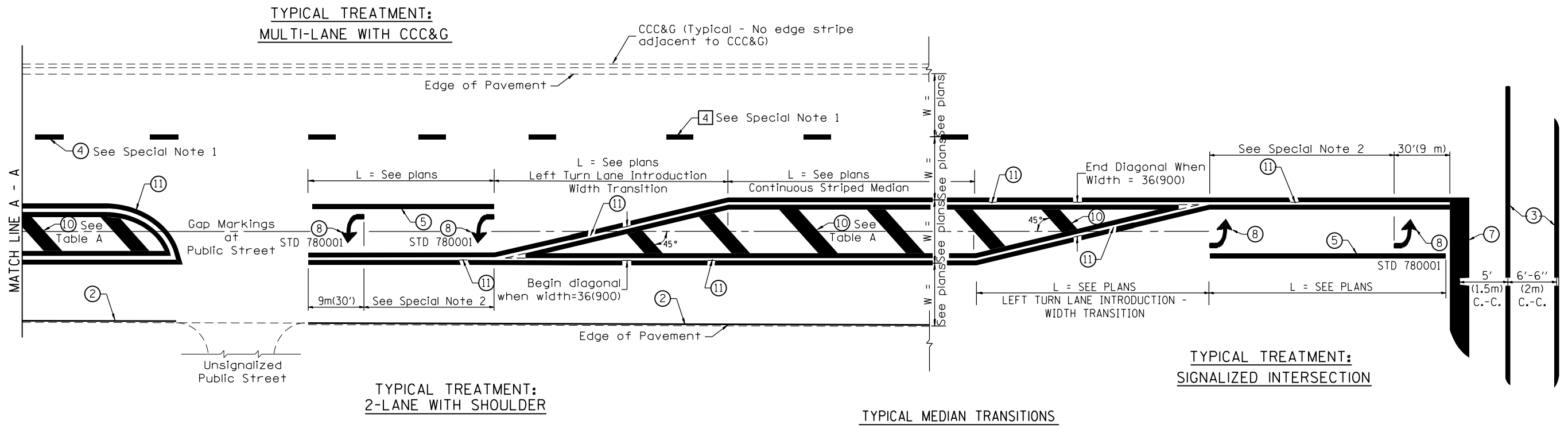
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3)I	PUTNAM	39	34
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT			CONTRACT NO. 68579	

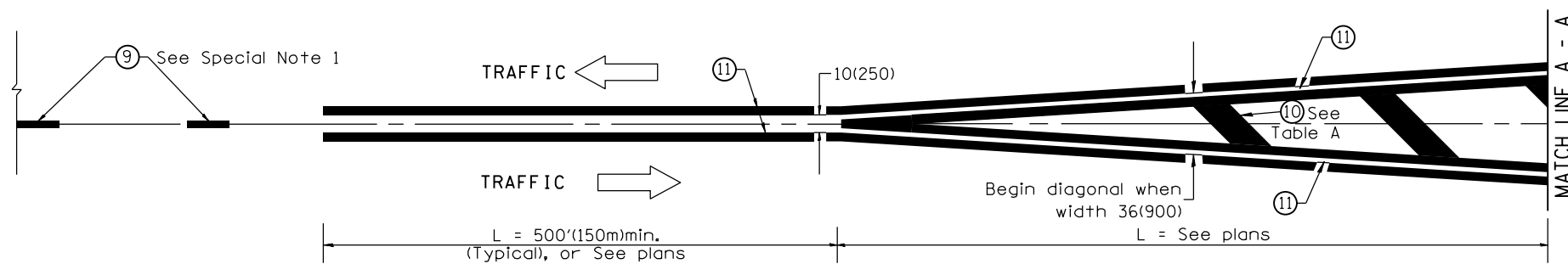


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	CONTINUOUS	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)

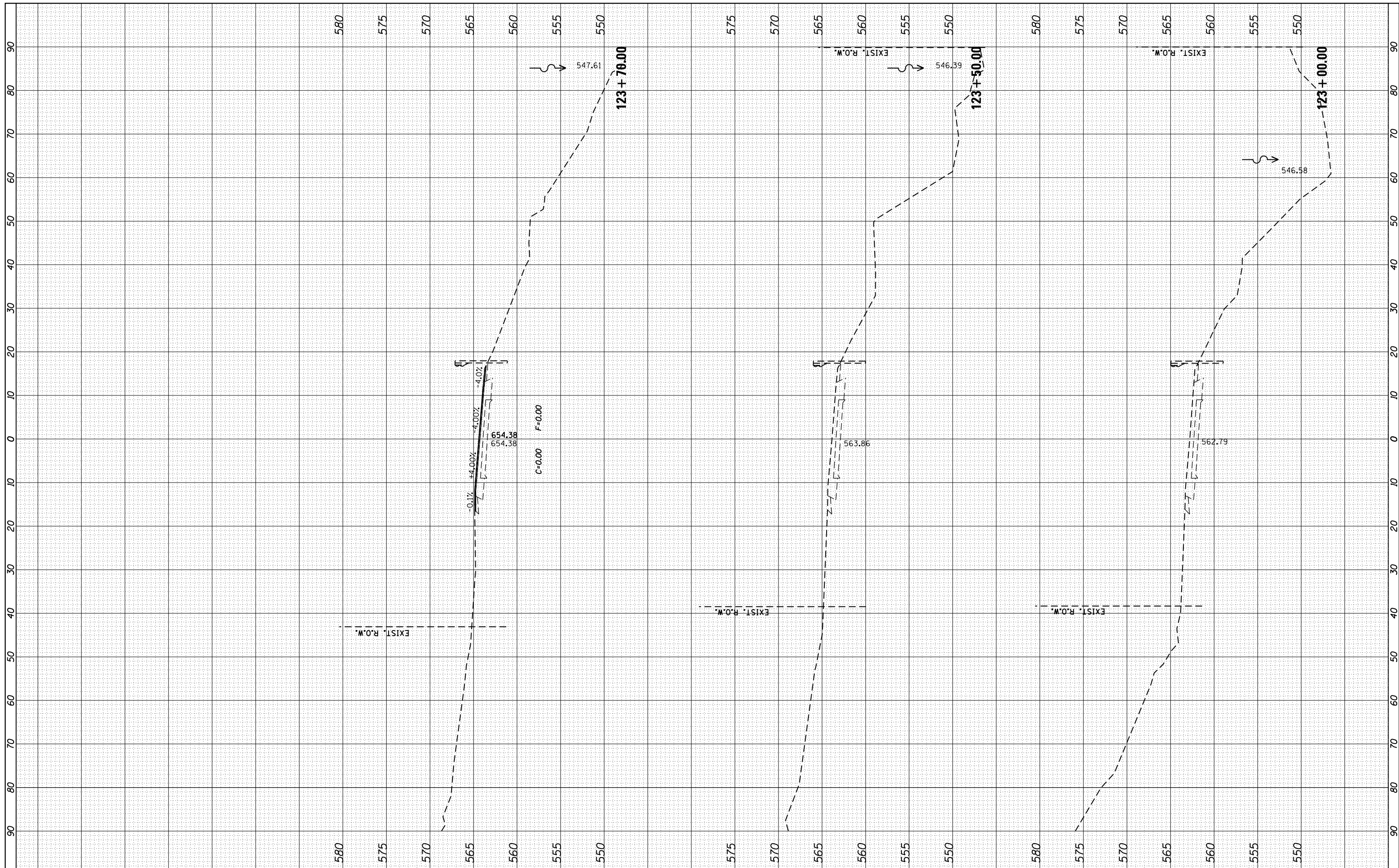


MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = aofitzpatrick	DESIGNED -	REVISED -
H:\Projects\3255\PHASE II\Drawings\Civil\CADD_Sheets\0468579-shr-ssht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

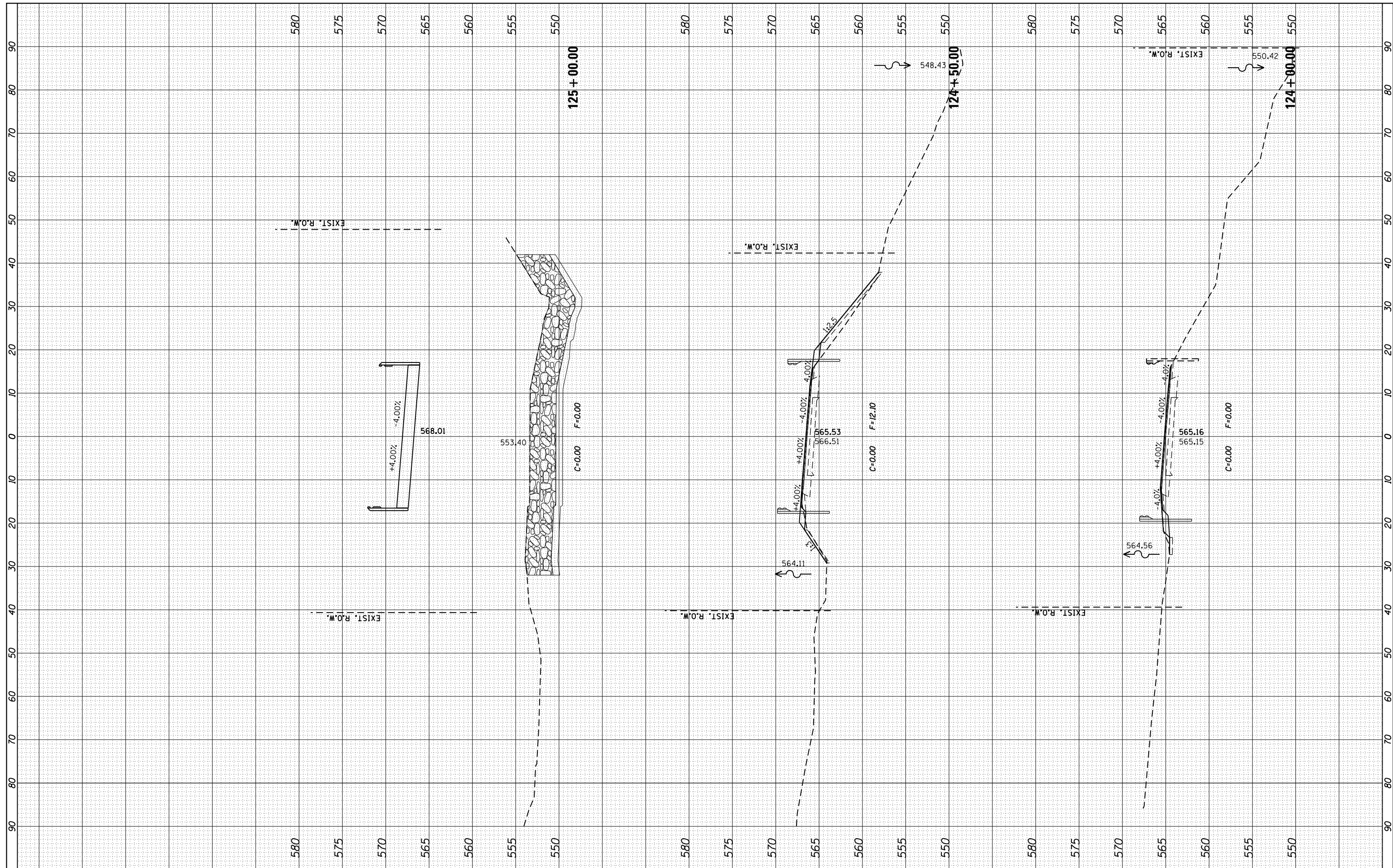
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 123+00.00 TO STA. 123+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3I)	PUTNAM	39	36
CONTRACT NO. 68579			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = aofitzpatrick
H:\Projects\3255\PHASE 11\Drawings\Civil\CADD_Sheets\0468579-shr-ssht.dgn	
Default	PLOT DATE = 3/21/2017

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

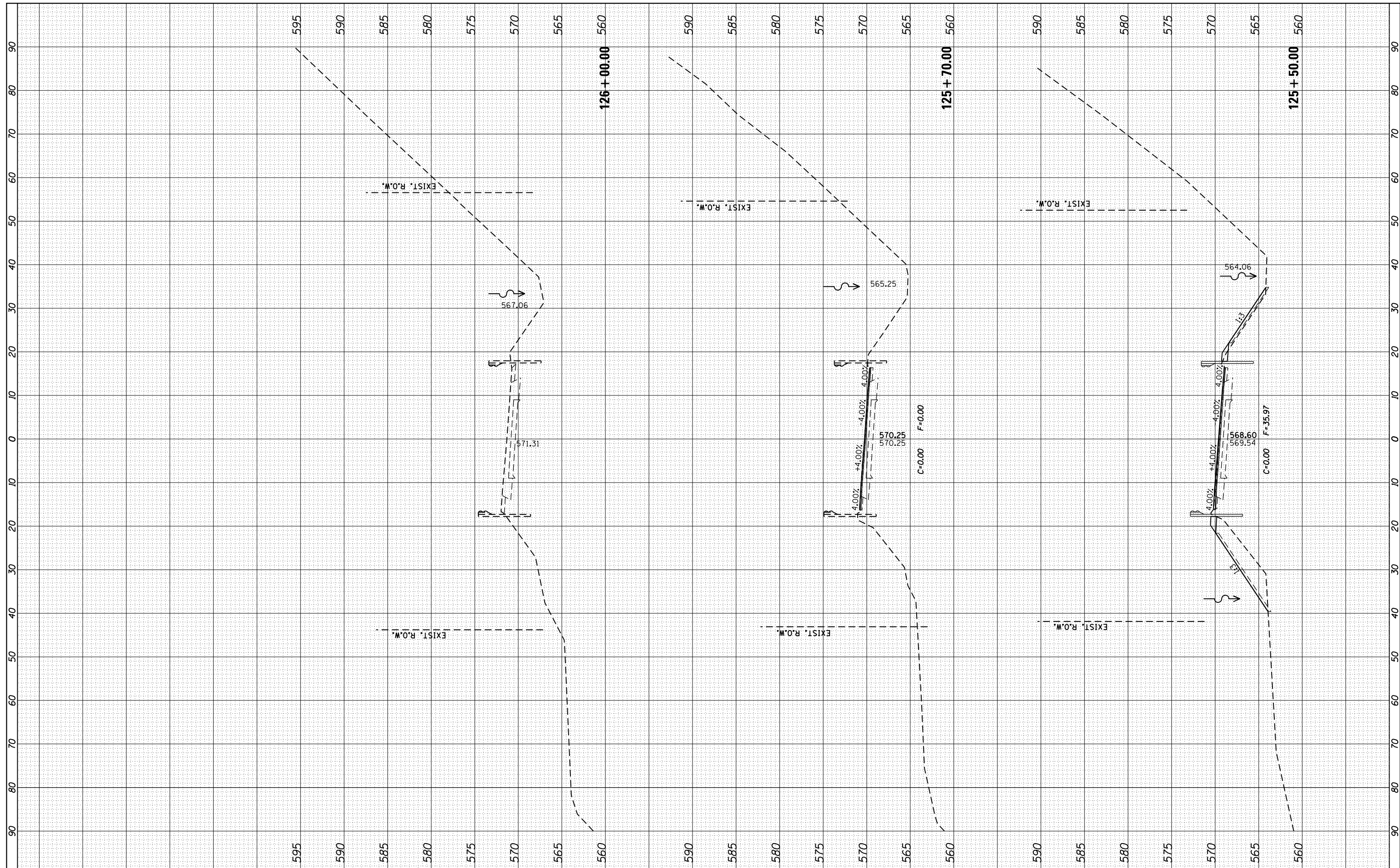
SCALE:		SHEET	OF	SHEETS	STA. 124+00.00	TO	STA. 125+00.00
--------	--	-------	----	--------	----------------	----	----------------

CROSS SECTIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-31)	PUTNAM	39	37
CONTRACT NO. 68579			ILLINOIS FED. AID PROJECT	

BY	DATE
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED

BY	DATE
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED



FILE NAME =	USER NAME = aofitzpatrick	DESIGNED -	REVISED -
H:\Projects\3255\PHASE II\Drawings\Civil\CADD_Sheets\0468579-shr-ssht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

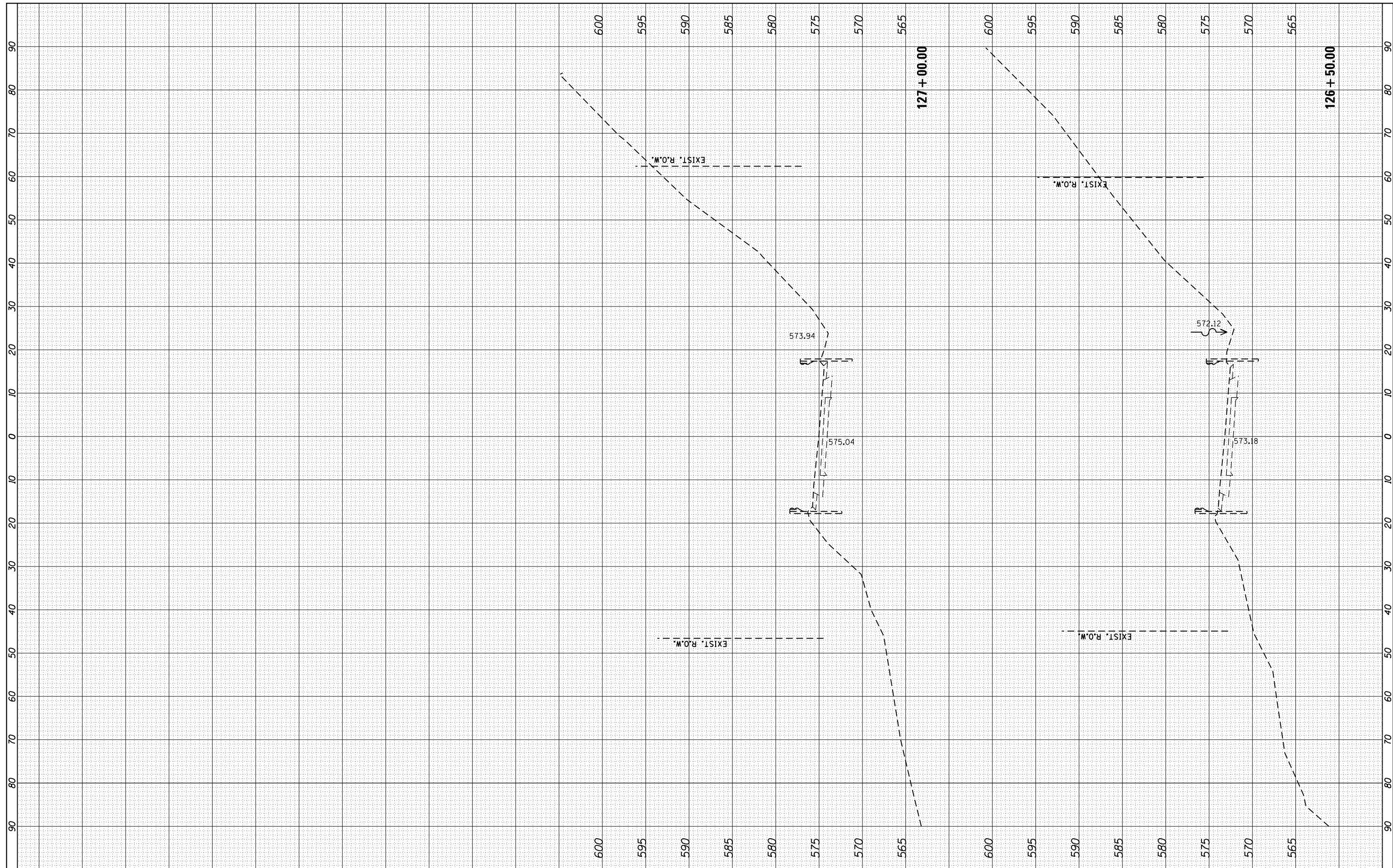
CROSS SECTIONS

SCALE: SHEET OF SHEETS STA. 125+50.00 TO STA. 126+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3I)	PUTNAM	39	38
CONTRACT NO. 68579			ILLINOIS FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



FILE NAME =	USER NAME = aofitzpatrick	DESIGNED -	REVISED -
H:\Projects\3255\PHASE II\Drawings\Civil\CADD_Sheets\0468579-shr-ssht.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2017	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS				
SCALE:	SHEET	OF	SHEETS	STA. 126+50.00 TO STA. 127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
653	(105BR-3I)	PUTNAM	39	39
CONTRACT NO. 68579			ILLINOIS FED. AID PROJECT	