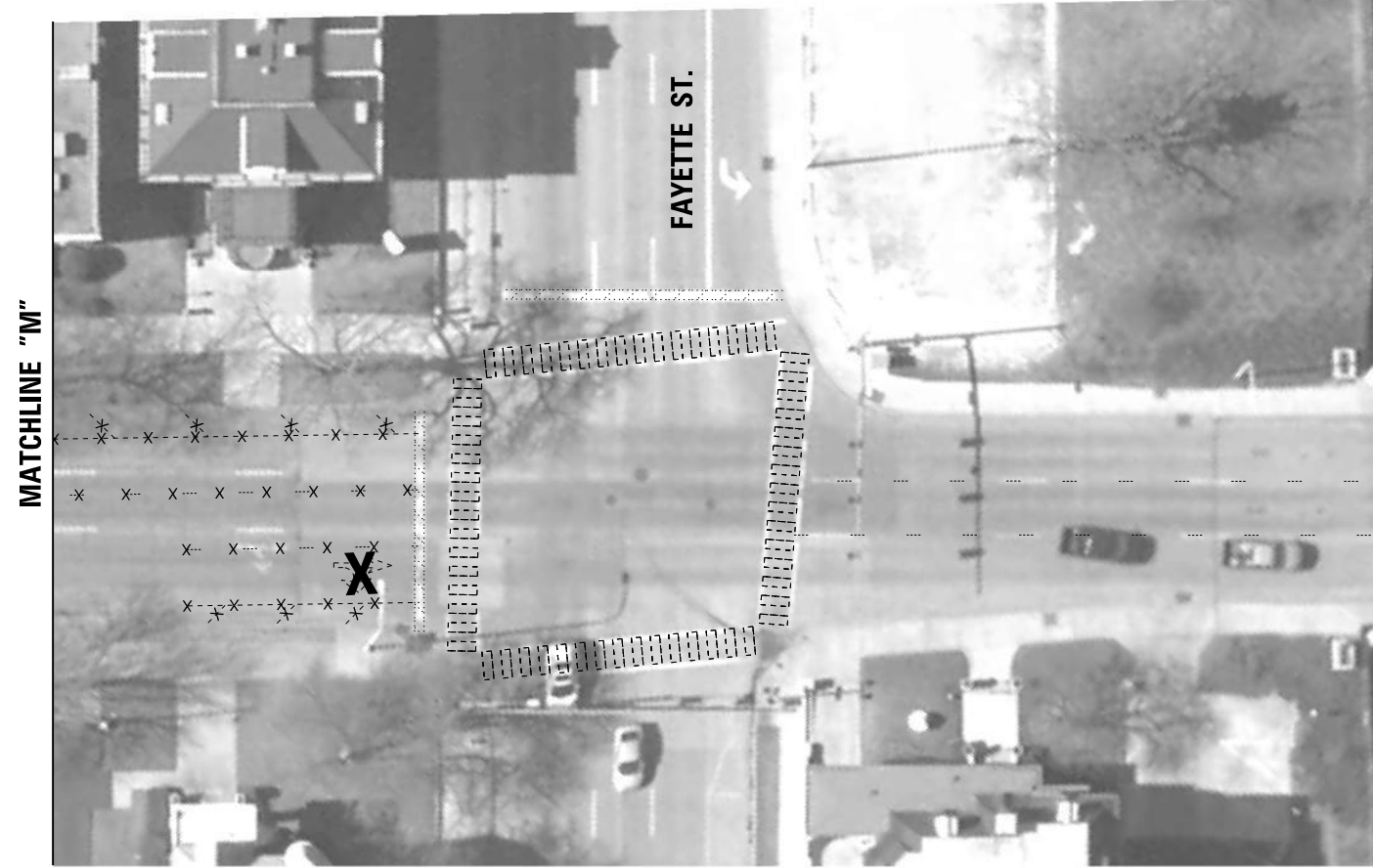


DESIGNED	MGD	7/20/2019
DRAWN	RDH	7/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: D404
 FILE NUMBER: ILL\Jobs\17\H0085\CAD\Road\Sheet\Phase_II - East_Prop\B_Plan\0468E7-1-dtl-sym-24_rmv-sym-04.dgn



LEGEND

X PAVEMENT MARKING REMOVAL - WATER BLASTING LETTERS AND SYMBOLS

--- X --- PAVEMENT MARKING REMOVAL - WATER BLASTING LINES

SCALE IN FEET



USER NAME = Ander00846		DESIGNED - MGD	REVISED -
PLOT SCALE = 40.00' / in.		DRAWN - RDH	REVISED -
PLOT DATE = 3/20/2019		CHECKED - MGD	REVISED -
		DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 PAVEMENT MARKING REMOVAL PLANS - RESTORATION (STAGE 4)**

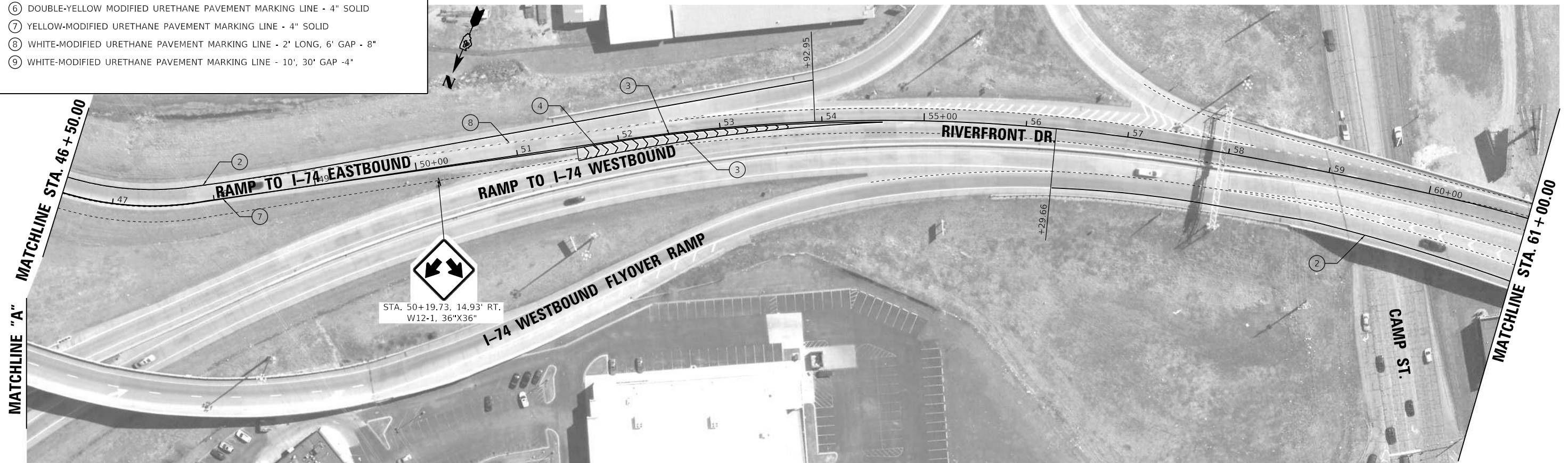
SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	101
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE SPACED PER DISTRICT DETAIL)
- ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10', 30' GAP - 4"



DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: Detour
 FILE NUMBER: IL170085/CAD/ROAD/Sheet/Phase II - East Profile Plans/D468E1-1-rlt-km07_restores4.dgn

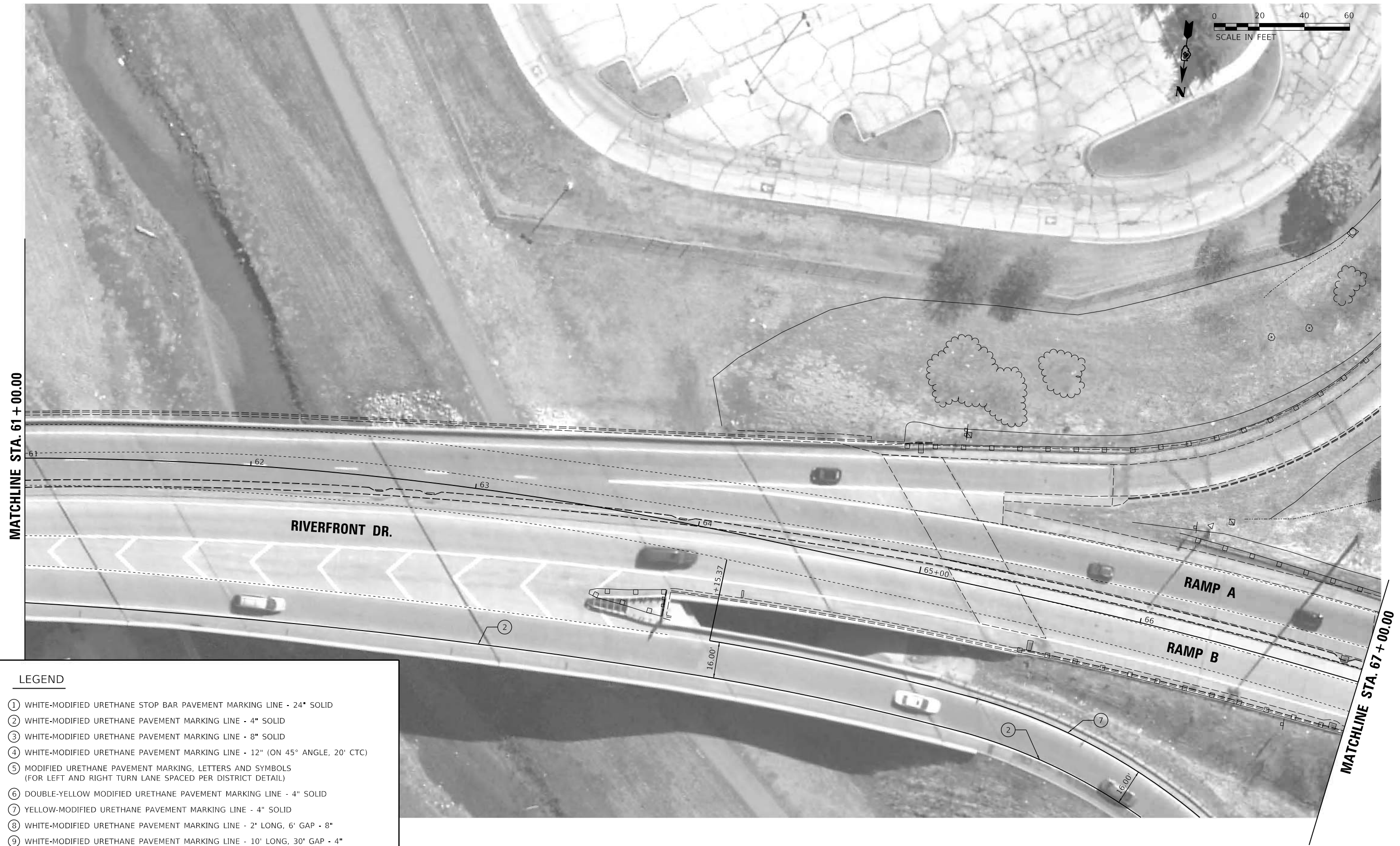
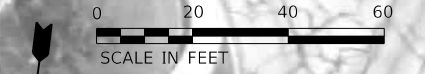
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PLOT SCALE	= 100.00' / 1in.	DRAWN -	RDH	REVISED -	
PLOT DATE	= 3/20/2019	CHECKED -	MGD	REVISED -	
		DATE -	3/21/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	102
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	2/20/2019

PROJECT: Detour
 FILE NAME: I:\Jobs\1740085\CAD\Road\Sheet\Phase II - East Profile Plans\468E71-sh-hom08_rcs\rcs4.dgn

USER NAME =	Ander00846	DESIGNED -	MGD	REVISED -	
		DRAWN -	RDH	REVISED -	
PLOT SCALE =	40.00" / 1"	CHECKED -	MGD	REVISED -	
PLOT DATE =	3/20/2019	DATE -	3/21/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

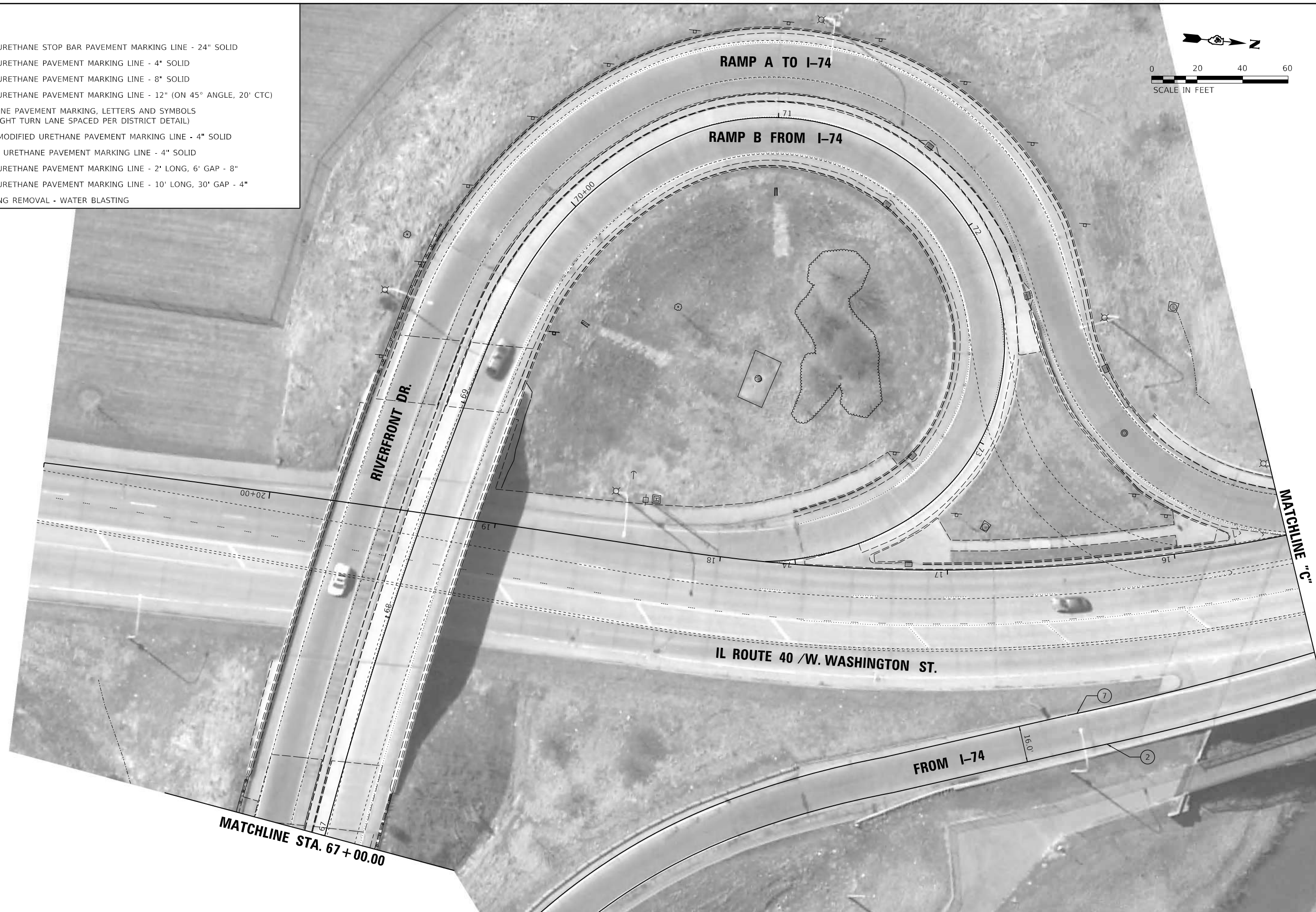
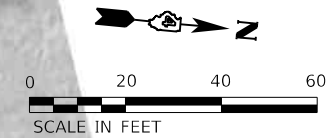
**IL ROUTE 40 DETOUR ROUTE PREP 2020
 PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	103
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ PAVEMENT MARKING REMOVAL - WATER BLASTING



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DESIGNED	MGD	7/20/2019
DRAWN	RDH	7/20/2019
REVIEWED	MGD	3/20/2019

MICHEL Detail
 FILE NUMBER: I:\Jobs\1740085\CAD\RoadSheet\Phase II - East Profile Plans\468E71-1-sh-kpm\10_roadse4.dgn

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 Hanson Professional Services Inc.

USER NAME	= Ander00846	DESIGNED -	MGD	REVISED -	
DRAWN	- RDH	DRAWN -	RDH	REVISED -	
CHECKED	- MGD	CHECKED -	MGD	REVISED -	
DATE	- 3/21/2019	DATE -	3/21/2019	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)

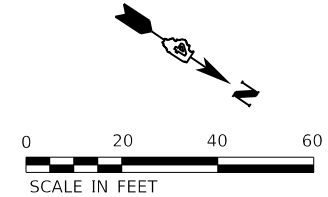
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	104
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
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- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑩ PAVEMENT MARKING REMOVAL - WATER BLASTING

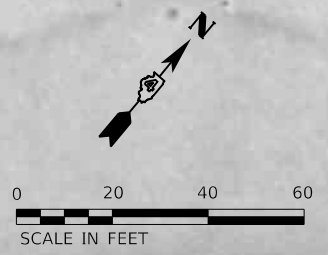


DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: D4 IL 40 DETOUR PREP 2020
 FILE NUMBER: IL170085CADRoadSheetPhase II - East Peoria PlansD468E7-1-sh-comb11_rctdrcv54.dgn

USER NAME = Ander00846	DESIGNED - MGD	REVISED -
PLOT SCALE = 40.00' / in.	DRAWN - RDH	REVISED -
PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	105
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6" GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

**NO TURN
ON RED
EXCEPT
FROM
RIGHT LANE**

R10-11C
30X42
(ATTACH TO
SIGNAL POLES)

DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: Detour
 FILE NUMBER: IL070851CADRoadStreetPhase_II - East_Peoria_Plan0468E71-sh-kpm15_restore4.dgn

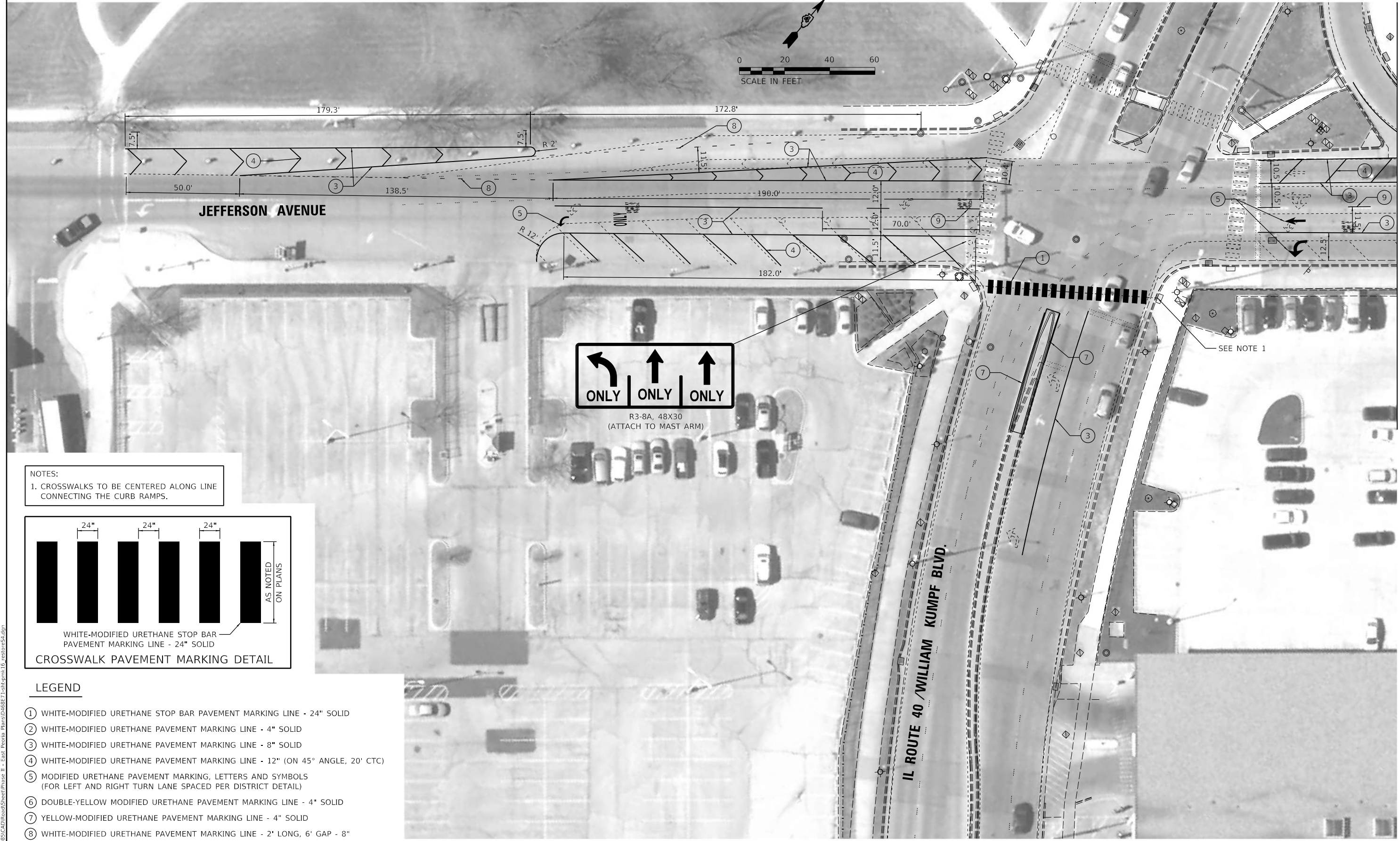
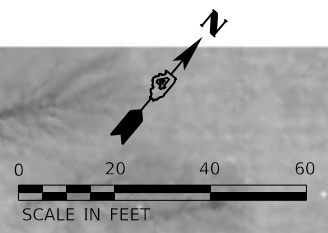
USER NAME = Ander00846	DESIGNED - MGD	REVISED -
PLOT SCALE = 40.00" / 1"	DRAWN - RDH	REVISED -
PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

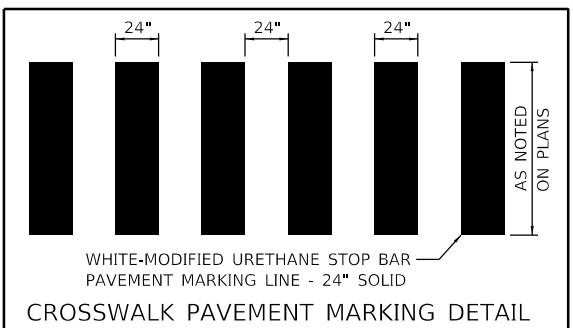
**IL ROUTE 40 DETOUR ROUTE PREP 2020
PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	106
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



NOTES:
 1. CROSSWALKS TO BE CENTERED ALONG LINE CONNECTING THE CURB RAMPS.



- LEGEND**
- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
 - ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
 - ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
 - ⑤ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE SPACED PER DISTRICT DETAIL)
 - ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
 - ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019
FILE NAME:	R:\1708085\CAD\RoadSheet\Phase II - East_Pooris_Plan\1708085-11h-1pmb_16_restores4.dgn	

USER NAME =	Ander00846	DESIGNED -	MGD	REVISED -	
		DRAWN -	RDH	REVISED -	
PLOT SCALE =	40.00' / in.	CHECKED -	MGD	REVISED -	
PLOT DATE =	3/21/2019	DATE -	3/21/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	107
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

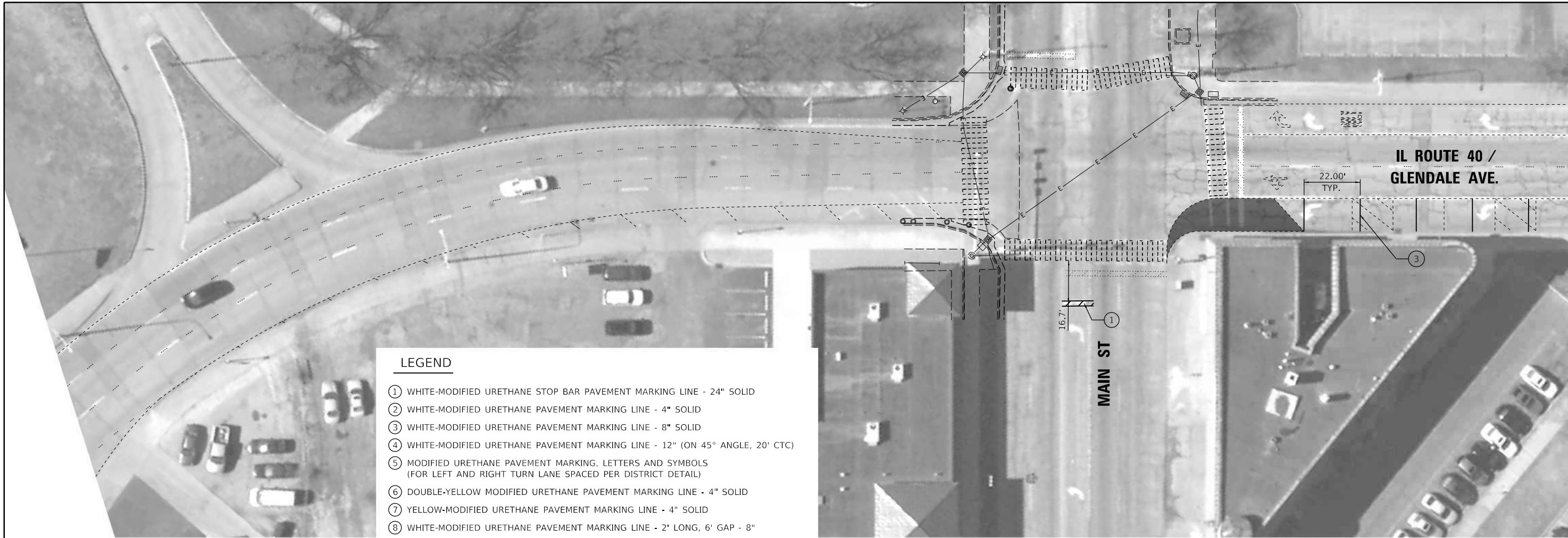
DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: D404 IL 40 DETOUR PREP 2020
 FILE NUMBER: I:\Jobs\1740085\CAD\RoadSheet\Phase II - East Profile Plans\468E71-sh-komk17_restored.dgn

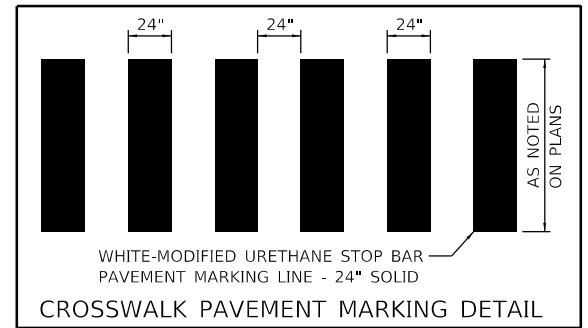
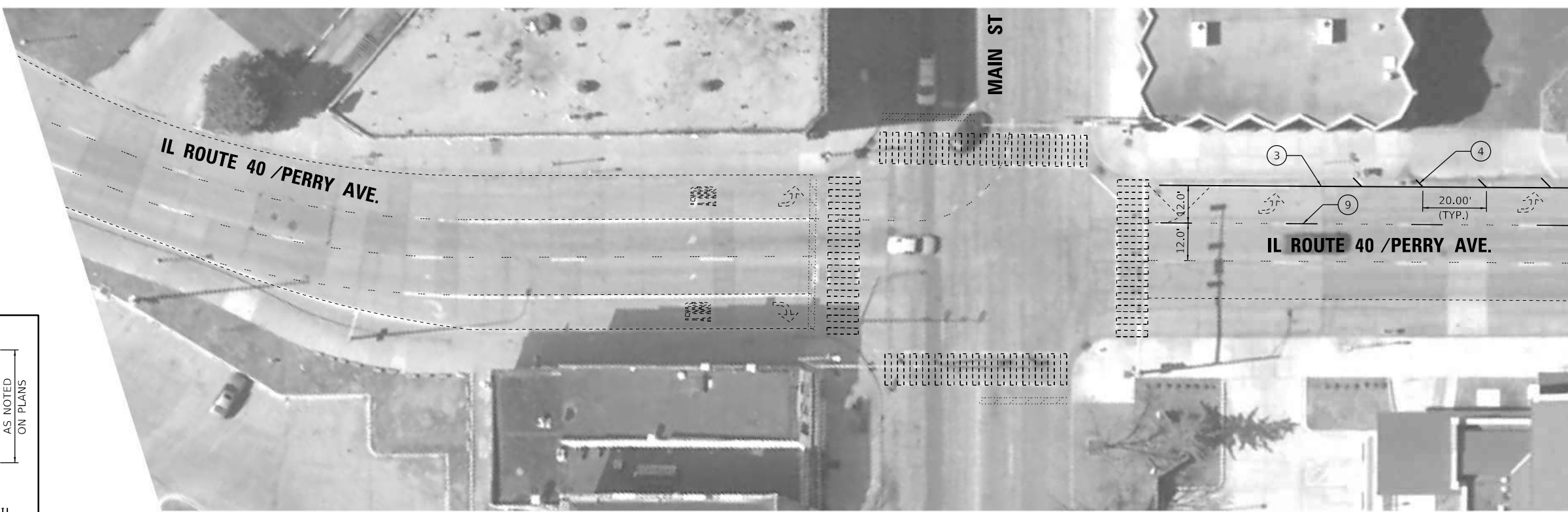
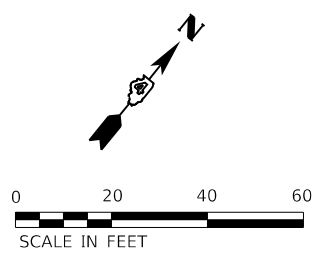


LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE SPACED PER DISTRICT DETAIL)
- ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



- LEGEND**
- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
 - ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
 - ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
 - ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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 - ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
 - ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



DESIGNED	MGD	2/20/2019
DRAWN	RDH	2/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: D404
 FILE NAME: I:\Jobs\1740085\CAD\Road\Sheet\Phase II - East - Profile Plans\468E71-dbl-hm-22-rcs-cvcs4.dgn

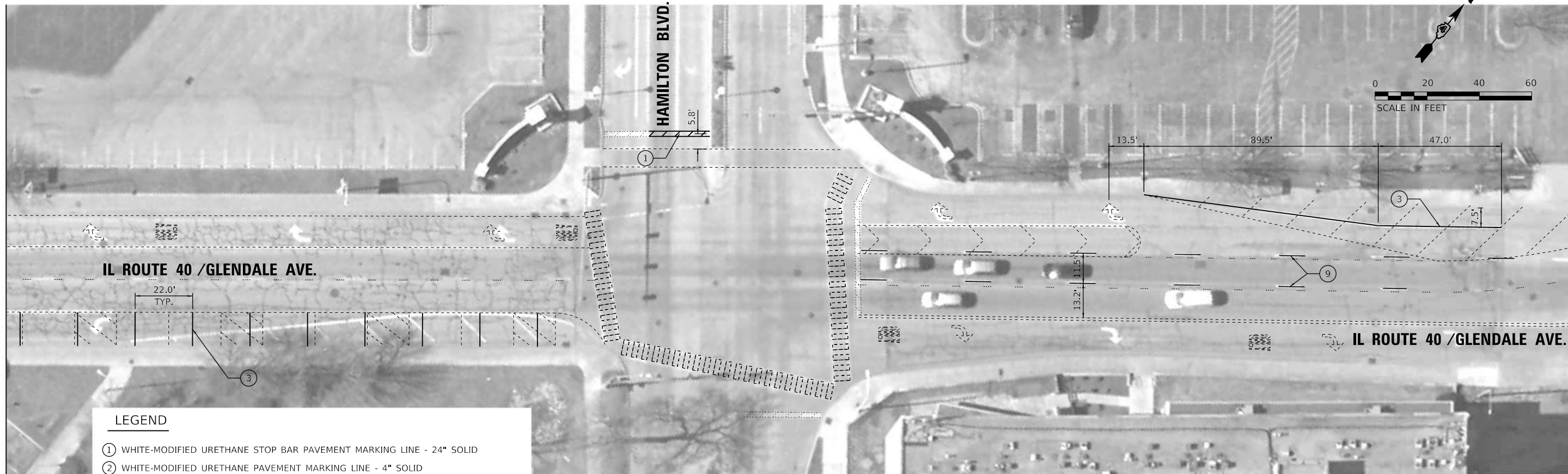
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		DRAWN -	RDH	REVISED -	
PLOT SCALE =	40.00' / in.	CHECKED -	MGD	REVISED -	
PLOT DATE =	3/20/2019	DATE -	3/21/2019	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 40 DETOUR ROUTE PREP 2020 PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	109
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

MATCHLINE "J"

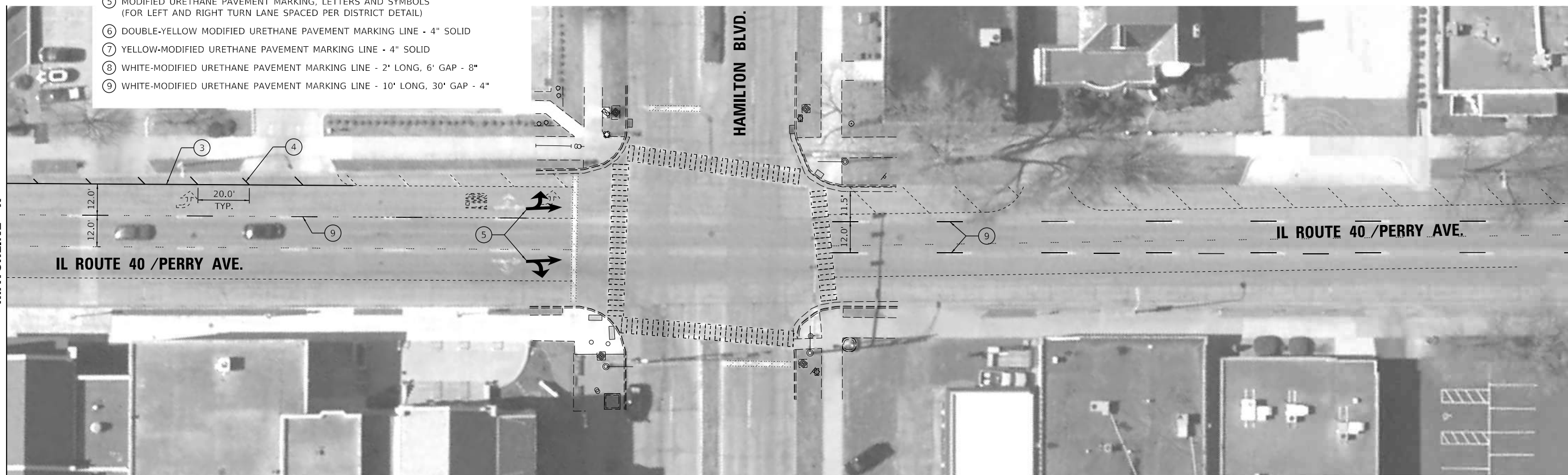


MATCHLINE "L"

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑥ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑦ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

MATCHLINE "K"



MATCHLINE "M"

DESIGNED	MGD	7/20/2019
DRAWN	RDH	7/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: D4 IL 40 DETOUR ROUTE PREP 2020
 FILE NUMBER: ILL\Jobs\17\H0085\CAD\RoadSheet\Phase II - East - Profile Plans\D468E71-dtbl\sm23_restore4.dgn

USER NAME	= Ander00846	DESIGNED	- MGD	REVISED	-
DRAWN	- RDH	DRAWN	- RDH	REVISED	-
CHECKED	- MGD	CHECKED	- MGD	REVISED	-
DATE	- 3/21/2019	DATE	- 3/21/2019	REVISED	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

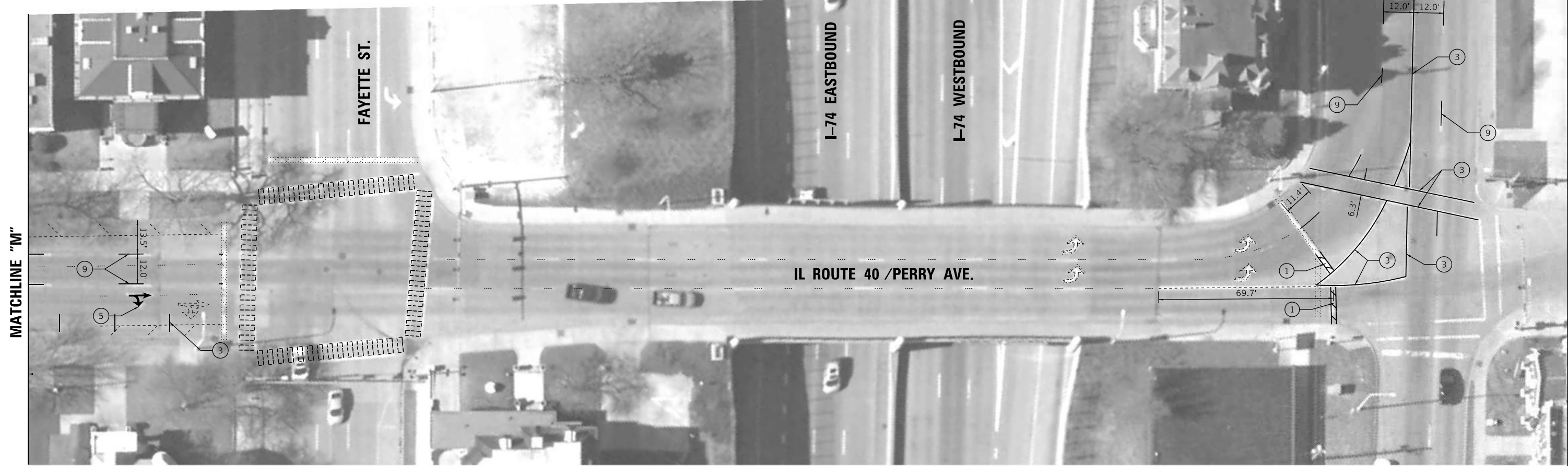
**IL ROUTE 40 DETOUR ROUTE PREP 2020
 PAVEMENT MARKING PLANS - RESTORATION (STAGE 4)**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	110
		TAZEWELL	CONTRACT NO. 68E71	
		ILLINOIS	FED. AID PROJECT	

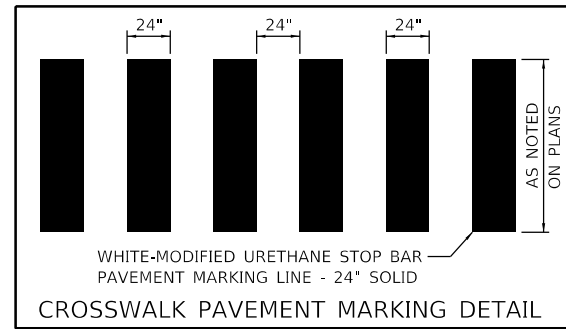
DESIGNED	MGD	7/20/2019
DRAWN	RDH	7/20/2019
REVIEWED	MGD	3/20/2019

PROJECT: Detail
 FILE NUMBER: ILL0085\CAD\Road\Sheet\Phase_II - East_Peoria_Plan\0468E7-1-dtl-rpm24_restores4.dgn



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ③ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 20' CTC)
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- ⑧ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



USER NAME	= Ander00846	DESIGNED	- MGD	REVISED	-
DRAWN	- RDH	DRAWN	- RDH	REVISED	-
CHECKED	- MGD	CHECKED	- MGD	REVISED	-
DATE	- 3/21/2019	DATE	- 3/21/2019	REVISED	-

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	111
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

Bench Mark: BM#43060 Disk on top of south parapet wall above plaque on Structure No. 090-0044. Northing 1,461,477.622, Easting 2,457,862.190, Elev. 484.59

Existing Structure: S.N. 090-0044 built as F.A. Route 10, Section 12HVB in 1959. The deck was replaced and the structure widened in 1993. A portion of the deck and parapet was replaced and the structure widened again in 2003. The eight-span structure consists of simply supported multi-girder spans. The reinforced concrete deck follows a horizontally curved alignment and is supported on straight girders with variable spacing. The substructure consists of pile supported stub abutments and multi-column piers supported by timber and steel piling.

A median curb had previously been removed to accommodate detoured traffic for the rehabilitation of the Murray Baker Bridge. The median curb is to be restored during this project.

Work to be completed during Stage 3 of this contract. Ramp B will be closed to traffic during construction of median curb.

No salvage.

INDEX OF SHEETS

- S1 General Plan and Elevation
- S2 General Data
- S3 Stage Construction Details
- S4 Temporary Concrete Barrier for Stage Construction
- S5 Median Details - 1
- S6 Median Details - 2
- S7 Continuous Seal Type Neoprene Expansion Joints

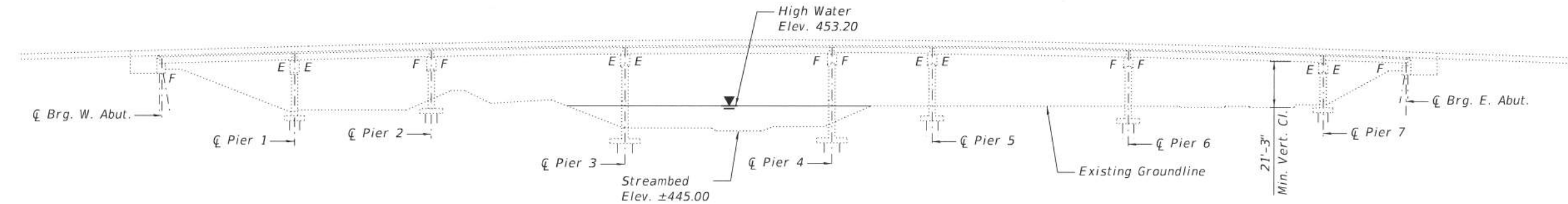
DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications for Highway Bridges, 17th Edition

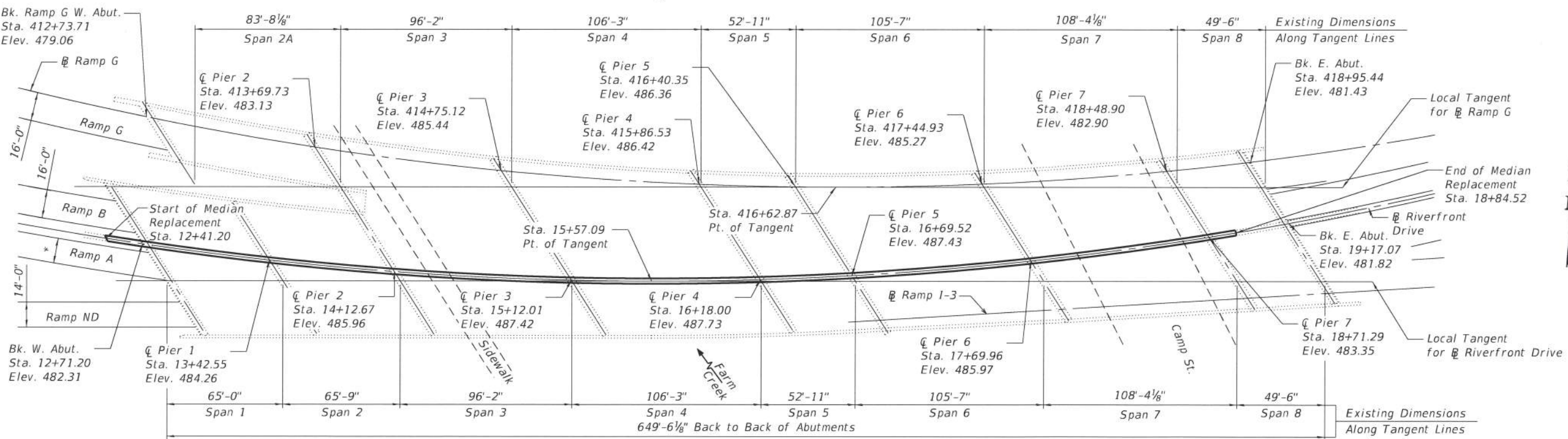
DESIGN STRESSES

Field Units
 New Construction
 f'c = 4,000 psi
 fy = 60,000 psi (Reinforcement)

LOADING HS20-44



ELEVATION
Looking North



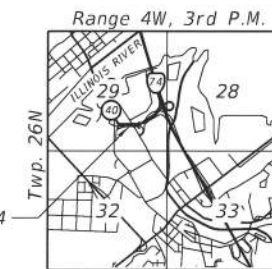
PLAN

* Varies from 14'-0" to 16'-0"



Rachel L. Mertz 3/19/2019

RACHEL L. MERTZ
 EDWARDSVILLE, ILLINOIS
 ILLINOIS LICENSED STRUCTURAL
 ENGINEER NO. 081-006526
 EXPIRES 11/30/2020



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
RIVERFRONT DRIVE OVER CAMP STREET AND FARM CREEK
F.A.P. ROUTE 404 - SEC. D4 IL 40 DETOUR RTE PREP 2020
TAZEWELL COUNTY
STATION 15+57.09
STRUCTURE NO. 090-0044

MODEL-01 FILE NAME: T:\CADD Projects (Drawing Files)\DDT\UN-3808 - Murray Baker Rehabilitation\CADD\Median Replacement (SN090-0044)\Final Files sent to IDOT\09000044-68E71-001-GPE.DGN

	USER NAME *	DESIGNED - CSG	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN AND ELEVATION STRUCTURE NO. 090-0044	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLLOT SCALE *	CHECKED - RLM	REVISIONS -			404	*	TAZEWELL	180	112
	PLLOT DATE * 03/19/2019	DRAWN - AEC	REVISIONS -	SHEET S1 OF S7 SHEETS		ILLINOIS		FED. AID PROJECT		CONTRACT NO. 68E71
		CHECKED - CSG	REVISIONS -							

*D4 IL 40 DETOUR RTE PREP 2020

GENERAL NOTES

Reinforcement bars designated (E) shall be epoxy coated.

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 work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

The Contractor shall perform the work with care, so that any materials which are to remain in place shall not be damaged. If the Contractor damages any materials which are to remain in place, the damaged materials shall be replaced or repaired in a manner satisfactory to the Engineer at the expense of the Contractor.

CURVE DATA

Curve 100

P.I. Sta. = 15+34.50
 $\Delta = 12^\circ 40' 45''$
 R = 1960.05'
 T = 217.76'
 L = 433.74'
 E = 12.06'
 e = 0.025
 PC Sta. = 13+16.74
 PCC Sta. = 17+50.48

CURVE DATA

Curve 101

P.I. Sta. = 18+98.78
 $\Delta = 5^\circ 18' 24''$
 R = 3200.19'
 T = 148.30'
 L = 296.39'
 E = 3.44'
 e = 0.025
 PCC Sta. = 17+50.48
 PCC Sta. = 20+46.87

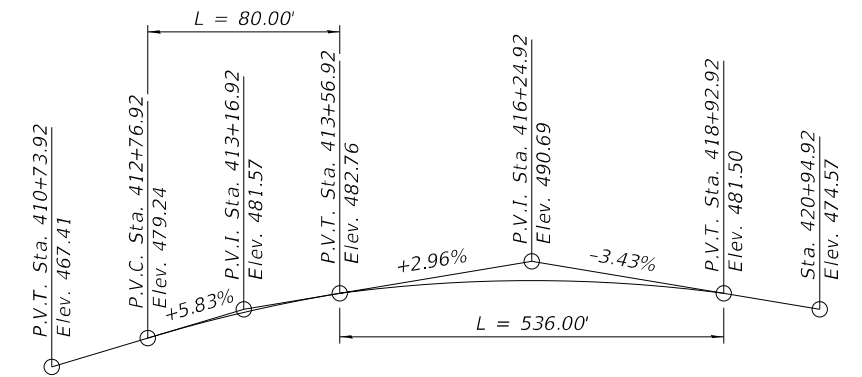
CURVE DATA

Curve #2

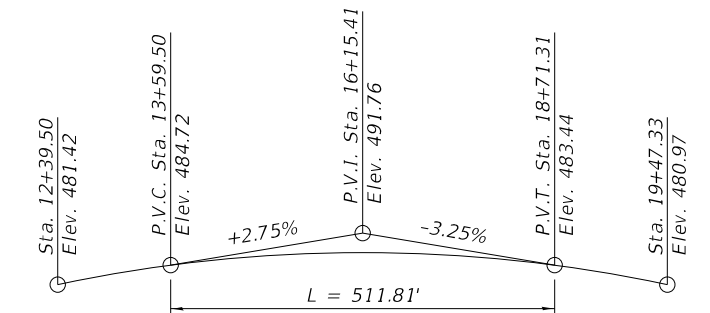
P.I. Sta. = 416+68.77
 $\Delta = 23^\circ 32' 02''$
 R = 1928.37'
 T = 401.70'
 L = 792.07'
 E = 41.39'
 e = 0.025
 PC Sta. = 412+67.07
 PT Sta. = 420+59.14

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	7.5	-	7.5
Concrete Superstructure	Cu. Yd.	41.1	-	41.1
Protective Coat	Sq. Yd.	267	-	267
Reinforcement Bars, Epoxy Coated	Pound	6,830	-	6,830
Neoprene Expansion Joint 2"	Foot	12.5	-	12.5
Neoprene Expansion Joint 4"	Foot	4.5	-	4.5
Preformed Joint Filler	Foot	18.6	-	18.6



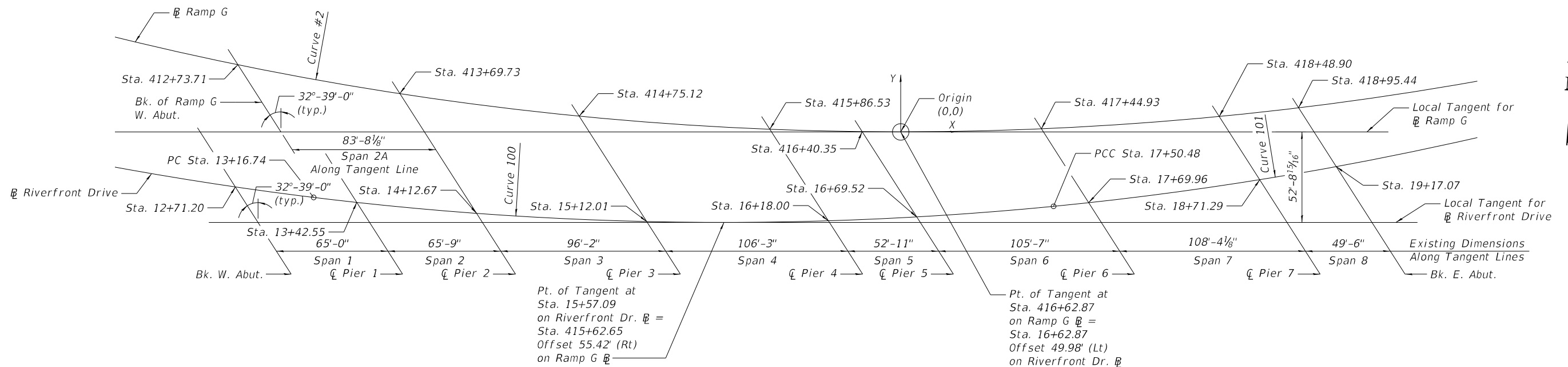
PROFILE GRADE - RAMP G



PROFILE GRADE - RIVERFRONT DRIVE

OFFSET TABLE
(All dimensions are in feet)

Location	Ramp G		Riverfront Drive		Tangent to Ramp G		Tangent to Riverfront Drive	
	X	Y	X	Y	X	Y	X	Y
Bk. W. Abut.	--	--	-387.950	-32.096	--	--	-374.719	-52.744
Bk. Ramp G W. Abut.	-386.524	39.135	--	--	-361.448	0.000	--	--
Pier 1	--	--	-317.175	-41.107	--	--	-309.719	-52.744
Pier 2	-292.012	22.238	-247.348	-47.468	-277.768	0.000	-243.967	-52.744
Pier 3	-187.451	9.132	-148.132	-52.230	-181.599	0.000	-147.803	-52.744
Pier 4	-76.319	1.511	-42.156	-51.805	-75.351	0.000	-41.554	-52.744
Pier 5	-22.518	0.132	9.313	-49.546	-22.434	0.000	11.862	-52.744
Pier 6	82.030	1.746	109.563	-41.224	83.149	0.000	116.945	-52.744
Pier 7	185.743	8.966	210.080	-29.015	191.488	0.000	225.284	-52.744
Bk. E. Abut.	232.009	14.008	255.372	-22.455	240.984	0.000	274.780	-52.744



OFFSET SKETCH - TANGENTS LAYOUT PLAN

MODEL: 01
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	CHECKED - CSG	REVISED -

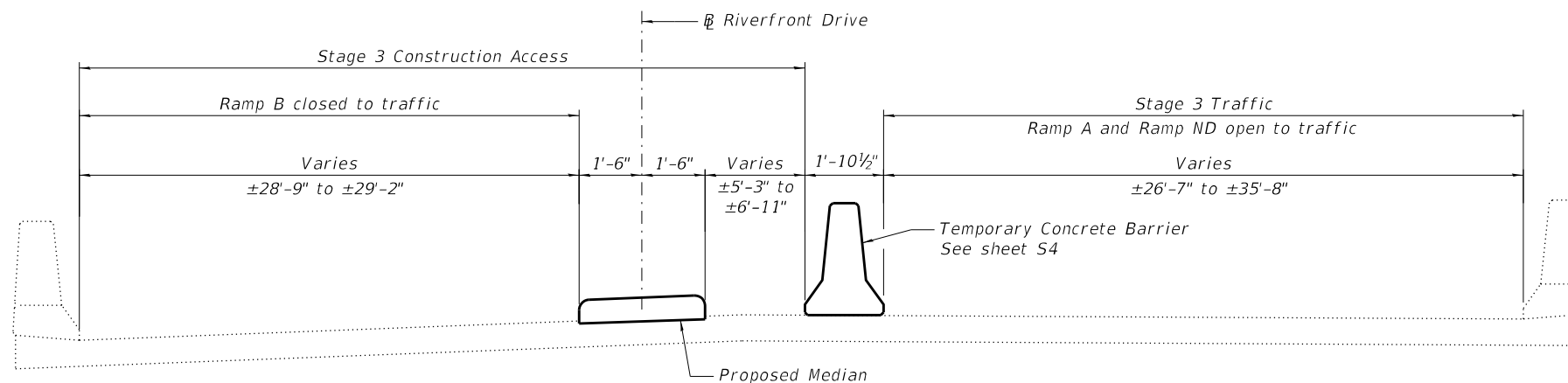
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
 STRUCTURE NO. 090-0044**

SHEET S2 OF S7 SHEETS

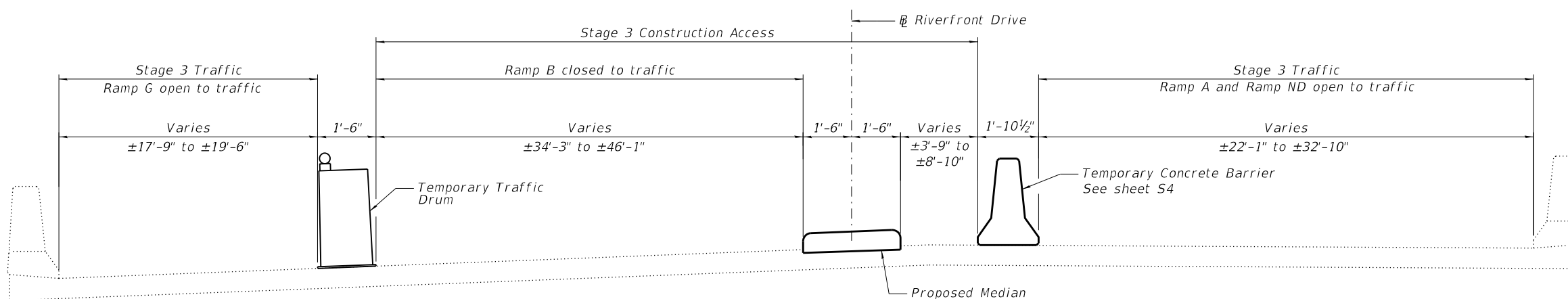
*D4 IL 40 DETOUR RTE PREP 2020			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
404	*	TAZEWELL	160
			113
CONTRACT NO. 68E71			
ILLINOIS		FED. AID PROJECT	

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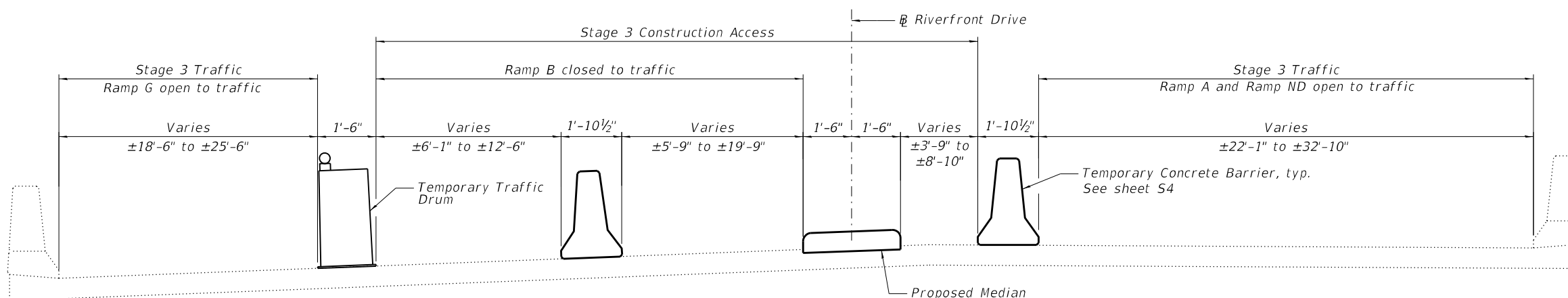
CROSS SECTION - SPANS 1 AND 2

Looking upstation



CROSS SECTION - SPANS 3 THRU 5

Looking upstation



CROSS SECTION - SPANS 6 THRU 8

Looking upstation

Note:
See Roadway Plans for more information regarding maintenance of traffic during Stage 3.



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	CHECKED - CSG	REVISED -

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DEPARTMENT OF TRANSPORTATION

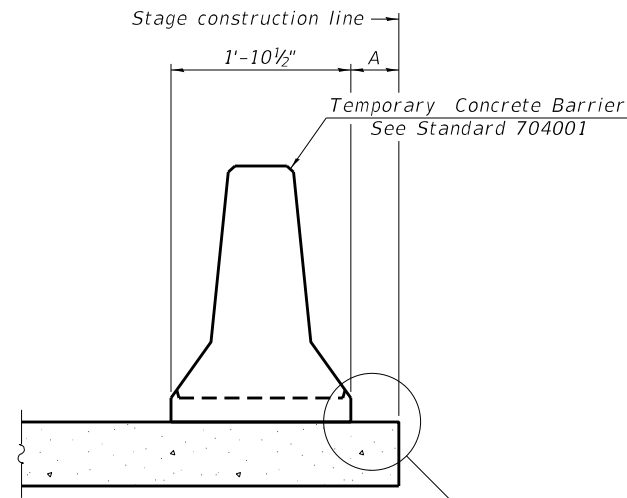
STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 090-0044

SHEET S3 OF S7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	*	TAZEWELL	160	114
CONTRACT NO. 68E71				
ILLINOIS		FED. AID PROJECT		

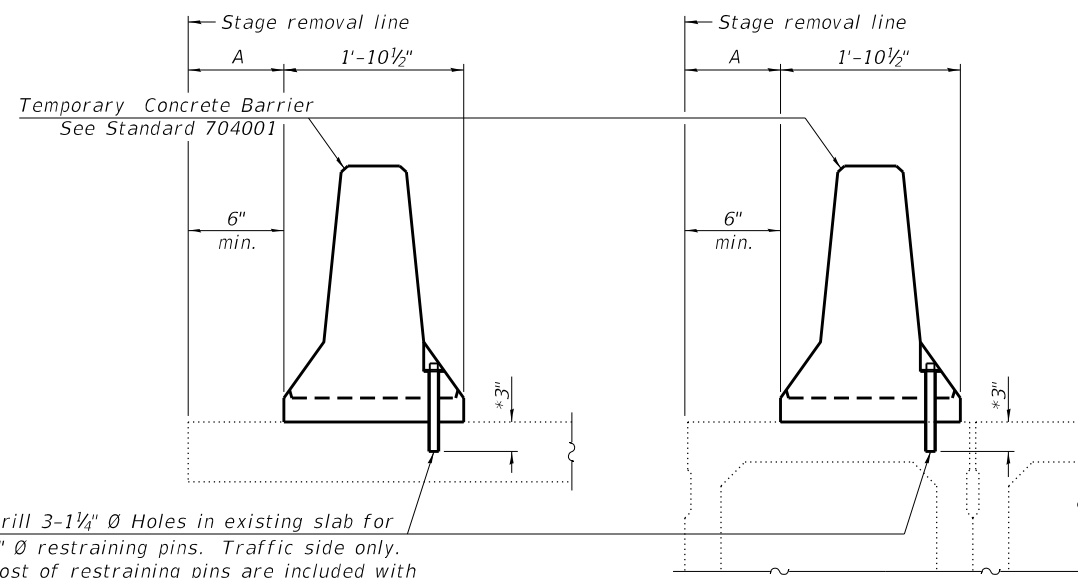
*D4 IL 40 DETOUR RTE PREP 2020

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When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM

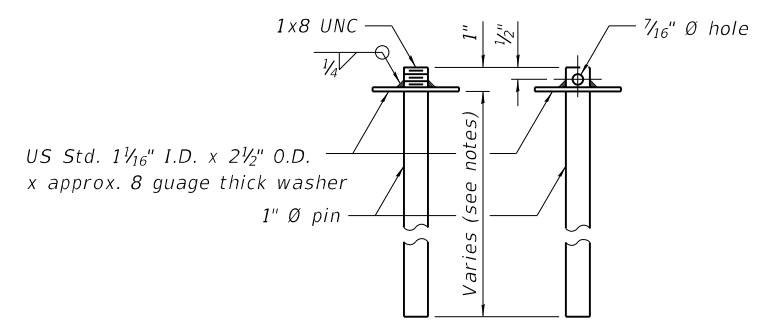


Drill 3-1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

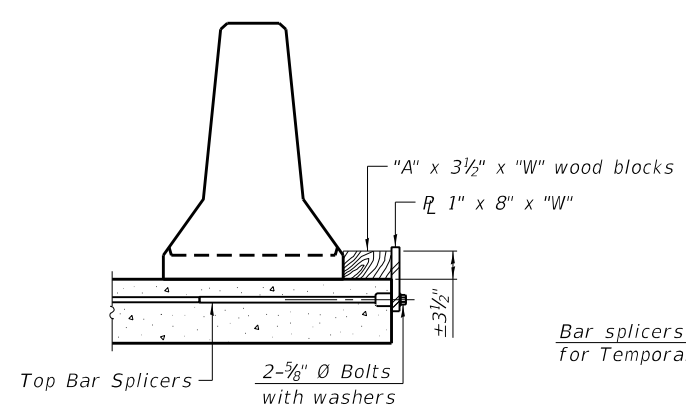
EXISTING DECK BEAM

SECTIONS THRU SLAB OR DECK BEAM



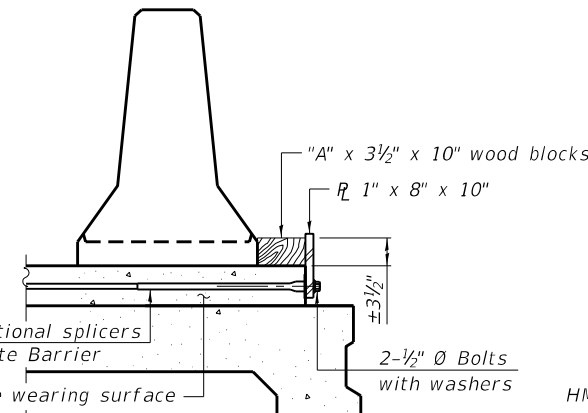
RESTRAINING PIN

* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

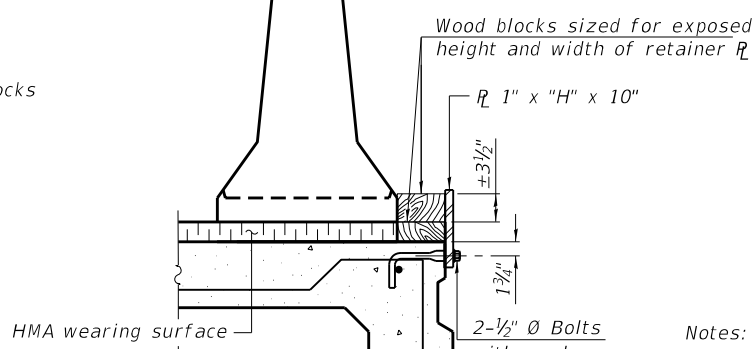


DETAIL I

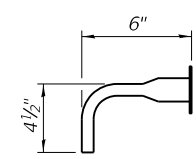
Bar splicers and additional splicers for Temporary Concrete Barrier



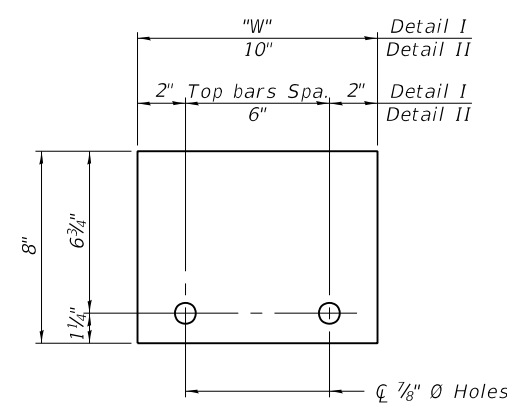
DETAIL II



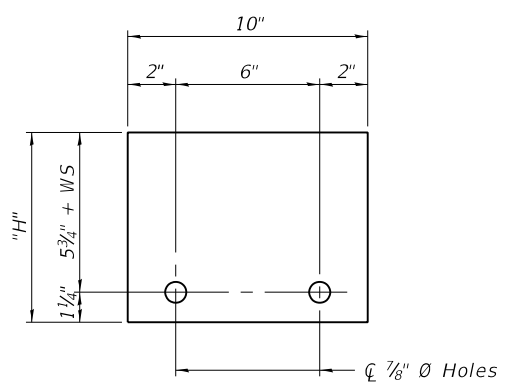
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER 1" x 8" x "W" (Detail I and II)



STEEL RETAINER 1" x "H" x 10" (Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate center of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6' to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
 Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
 Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

R-27

8-11-2017



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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

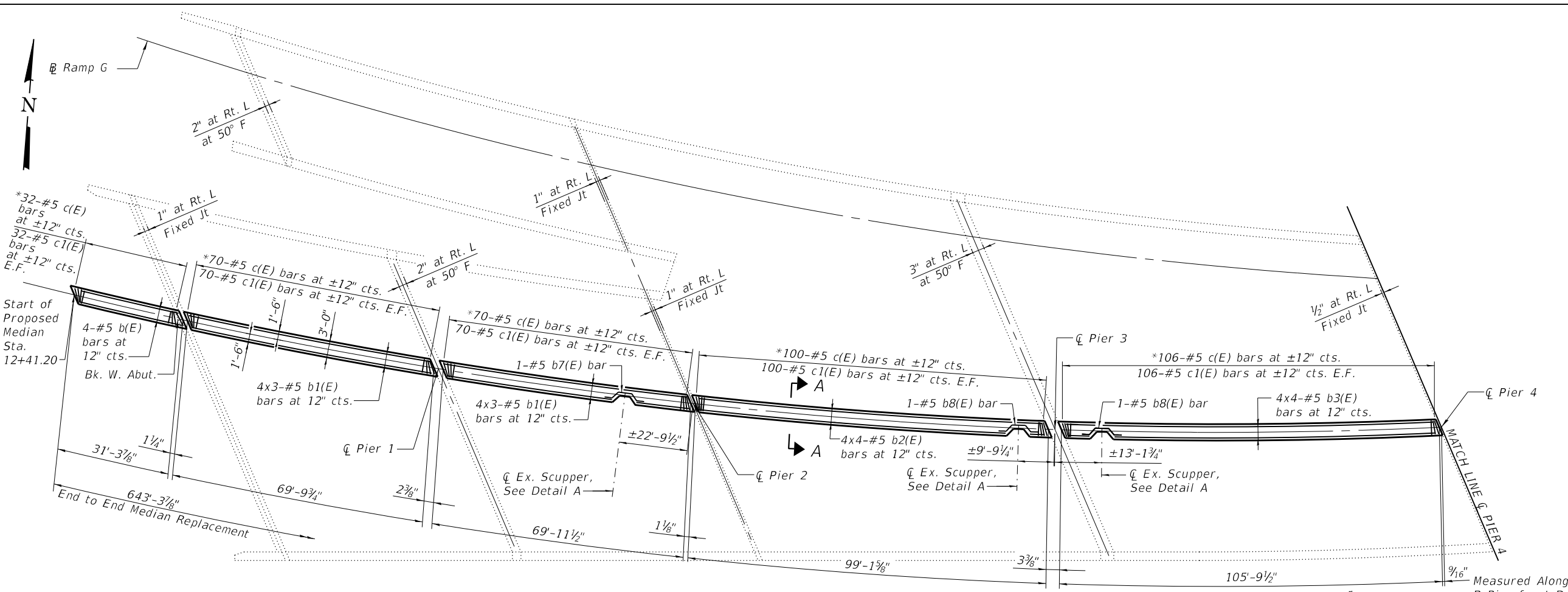
TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
 STRUCTURE NO. 090-0044

SHEET S4 OF S7 SHEETS

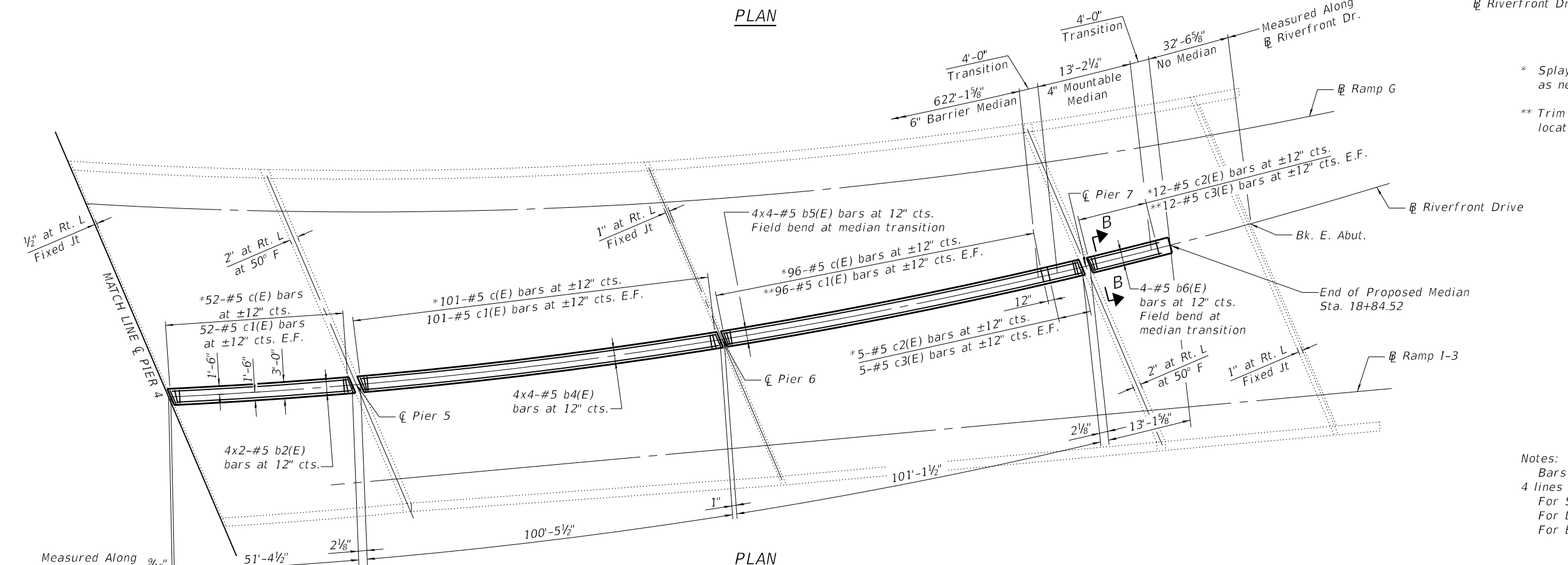
F.A.P. RTE. 404	SECTION *	COUNTY TAZEWELL	TOTAL SHEETS 160	SHEET NO. 115
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				

*D4 IL 40 DETOUR RTE PREP 2020

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PLAN



PLAN

* Splay two to three bars each end as needed to fit skew
 ** Trim vertical leg of c1(E) and c3(E) bars located within the median transitions to fit.

MINIMUM BAR LAP
 #5 bar = 3'-6"

Notes:
 Bars indicated thus 4x3-#5 etc. indicates 4 lines of bars with 3 lengths per line.
 For Sections A-A and B-B, see sheet S6.
 For Detail A, see sheet S6.
 For Bill of Material, see sheet S6.



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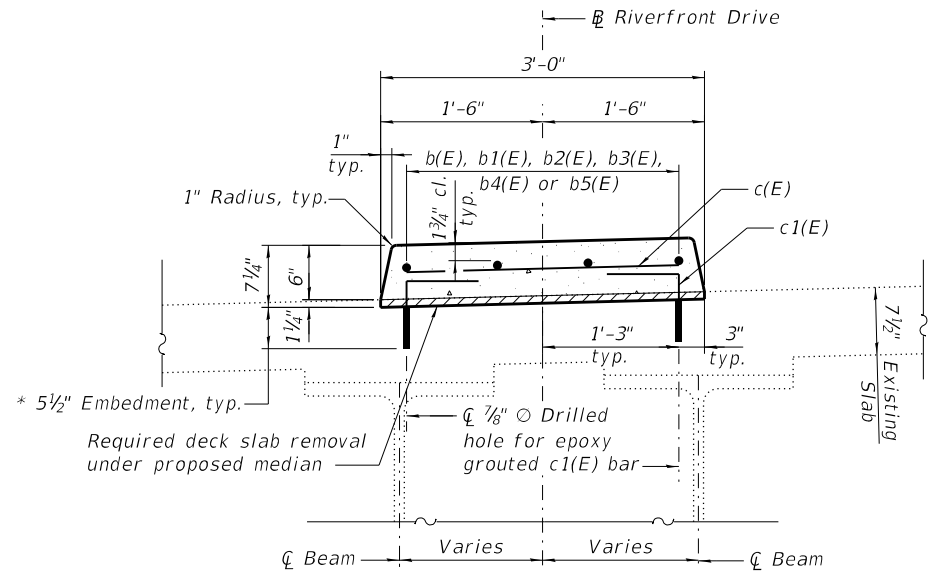
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MEDIAN DETAILS - 1
 STRUCTURE NO. 090-0044

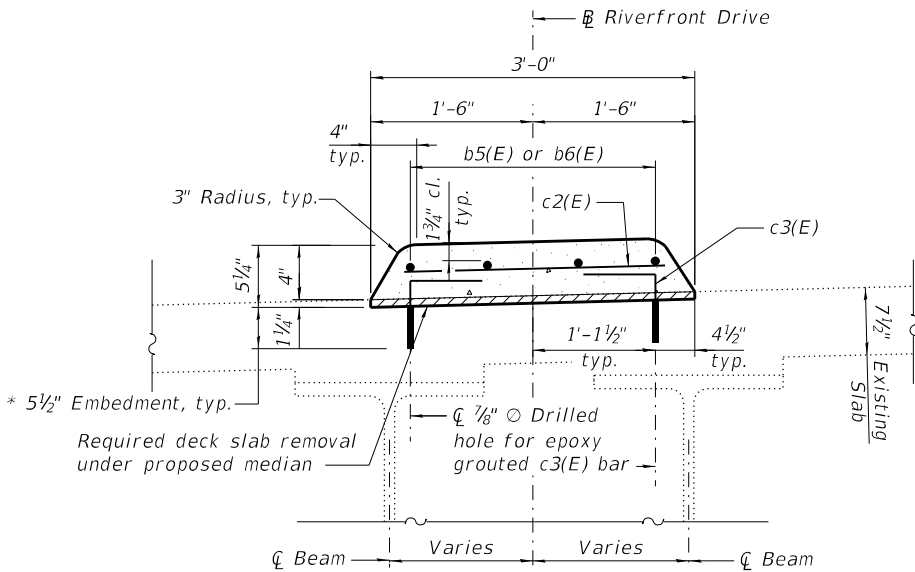
SHEET S5 OF S7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	*	TAZEWELL	160	116
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				

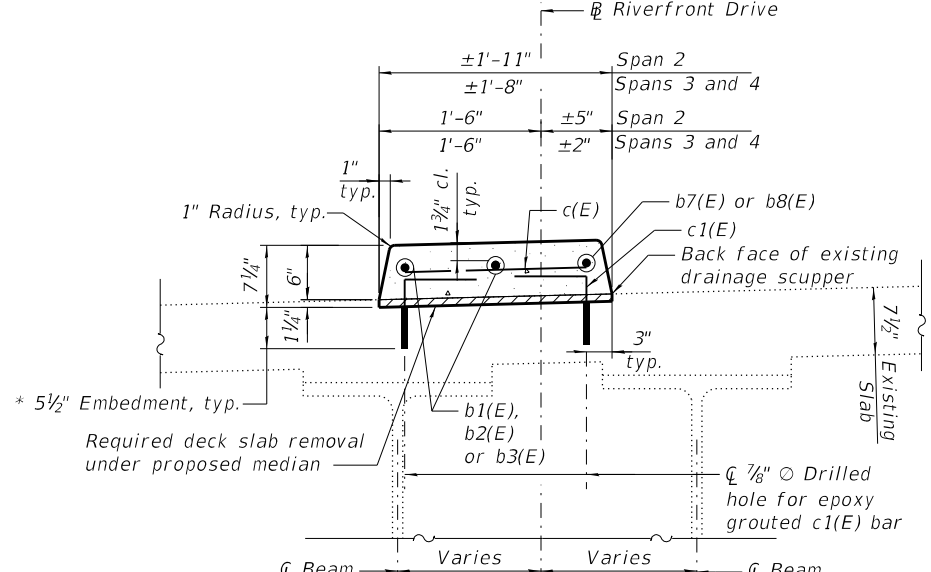
*D4 IL 40 DETOUR RTE PREP 2020



SECTION A-A
6" Barrier Median
Sta. 12+41.20 to Sta. 18+63.33

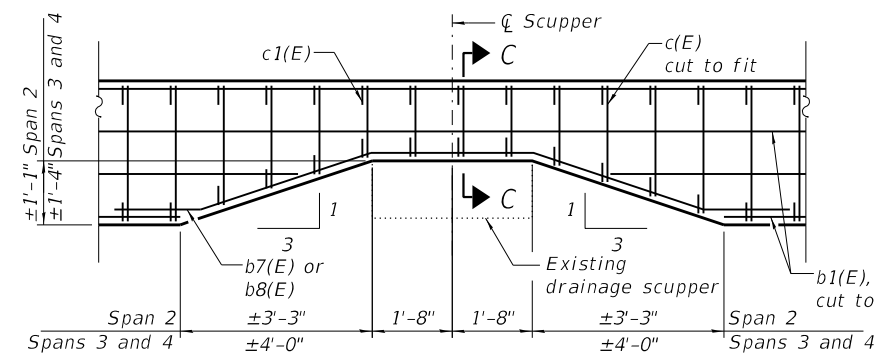


SECTION B-B
4" Mountable Median
Sta. 18+67.33 to Sta. 18+80.52

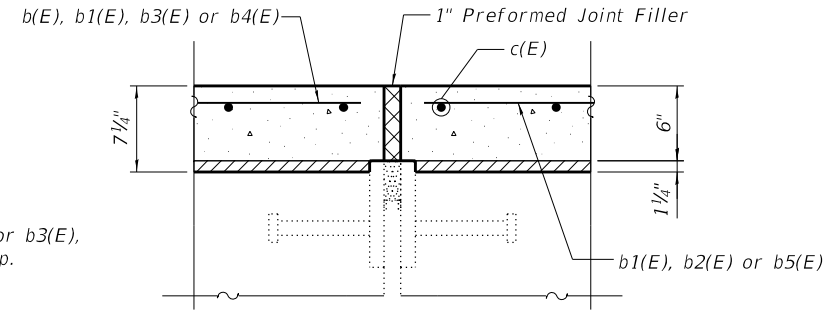


SECTION C-C

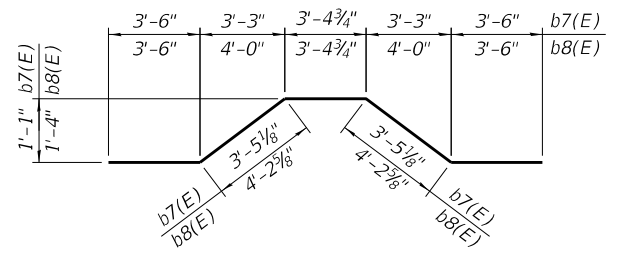
* Care shall be taken when drilling holes for c1(E) and c3(E) epoxy grouted bars to ensure drilling operations do not drill through the full thickness of the deck slab.



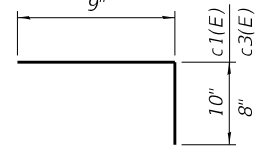
DETAIL A
3 Locations
Spans 2, 3 and 4



SECTION THROUGH FIXED JOINT
Preformed joint filler at Back of West Abutment,
Pier 2, Pier 4 and Pier 6 shown.
Preformed joint filler at start of proposed median at Sta. 12+41.20 similar.



BARS b7(E) & b8(E)



BARS c1(E) & c3(E)

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
b(E)	4	#5	31'-0"	—
b1(E)	24	#5	25'-7"	—
b2(E)	24	#5	27'-5"	—
b3(E)	16	#5	29'-0"	—
b4(E)	16	#5	27'-8"	—
b5(E)	16	#5	27'-10"	—
b6(E)	4	#5	11'-6"	—
b7(E)	1	#5	17'-3"	~
b8(E)	2	#5	18'-10"	~
c(E)	627	#5	2'-7"	—
c1(E)	1254	#5	1'-7"	┌
c2(E)	17	#5	2'-3"	—
c3(E)	34	#5	1'-5"	┌
Concrete Removal			Cu. Yd.	7.5
Concrete Superstructure			Cu. Yd.	41.1
Protective Coat			Sq. Yd.	267
Reinforcement Bars, Epoxy Coated			Pound	6,830
Preformed Joint Filler			Foot	18.6

Notes:
Reinforcement bars designated (E) shall be epoxy coated.
Drill holes and grout reinforcement bars in accordance with Section 584 of the Standard Specifications. Cost to be included with Reinforcement Bars, Epoxy Coated.
Refer to sheet S7 for clarification on splice between the new and existing elastomeric membrane at the neoprene expansion joints.

MODEL: 01
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN DETAILS - 2
STRUCTURE NO. 090-0044

SHEET S6 OF S7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	*	TAZEWELL	160	117
CONTRACT NO. 68E71				
ILLINOIS		FED. AID PROJECT		

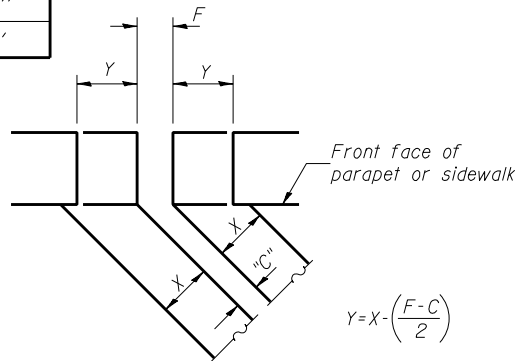
*D4 IL 40 DETOUR RTE PREP 2020

Joint Location	Joint Size	"C" at 50°F	"D" at 50°F	"F" at 50°F
Pier 1	2"	2"	1 1/2" Min.	2 1/2"
Pier 3	4"	3"	2 1/2" Min.	3 5/8"
Pier 5	2"	2"	1 1/2" Min.	2 3/8"
Pier 7	2"	2"	1 1/2" Min.	2 1/4"

INSTALLATION NOTES

- Install continuous seal in roadway, parapet, curb, and sidewalk.
- Install anchor blocks as indicated.

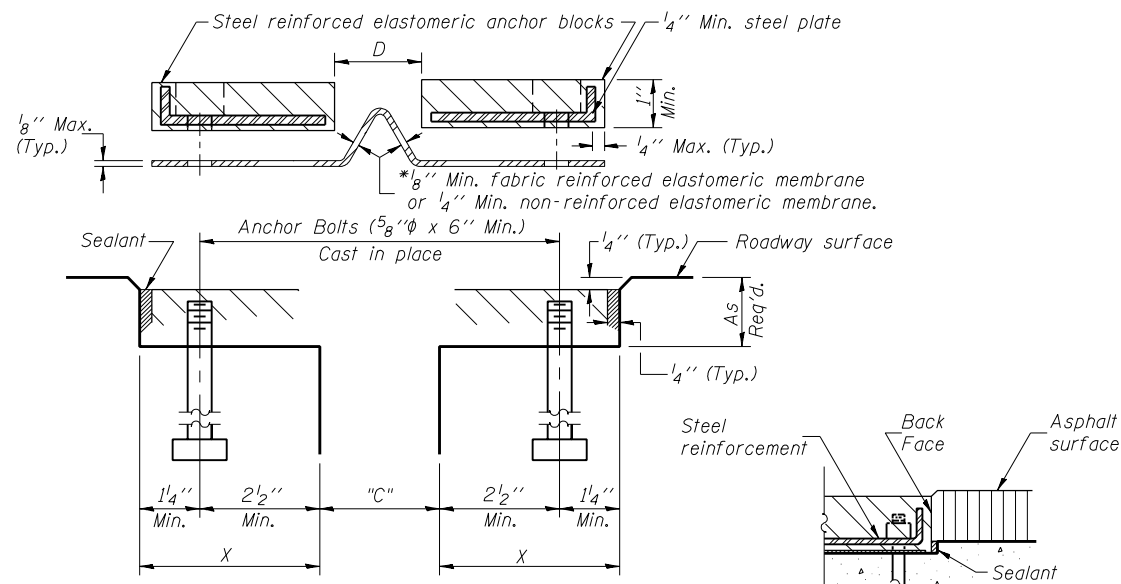
NOTE A: Maximum spacing of anchor bolts shall be 12" centers.



FORMING BLOCKOUT SKETCH

SKEW LIMITATIONS

The details of the anchor blocks and the elastomeric membrane in the parapet, as shown, are for up to 50° skews. For skews greater than 50°, the anchor blocks and the elastomeric membrane, installed according to dimension "D", might require modifications to insure a minimum clearance of 1/2" from centerline of anchor studs to edge of parapet opening. The anchor blocks and the elastomeric membrane shall also be installed to the top of the parapet with the anchor studs spaced at ±12" cts.



CROSS SECTION

ANCHOR BLOCK WITH ASPHALT SURFACE

* The splices for the new to existing elastomeric membrane shall be located as far as possible from the existing beams beneath the median without encroaching into the traffic lane.

GENERAL NOTES

Continuous Seal Neoprene Expansion Joint shall consist of molded anchor blocks of elastomer and steel, field assembled over continuous lengths of elastomeric membrane.

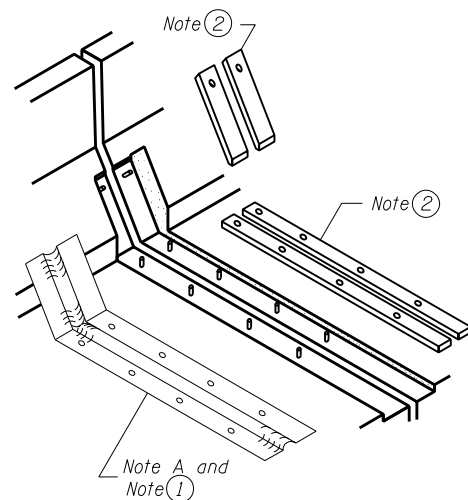
The elastomeric membrane shall be premolded with a single or a double upward convolution that will have a "memory" to return to its molded position upon joint closure.

The convolution length shall be such that the extended length will not be greater than the manufactured length when the joint is fully expanded in its design range and will not protrude above the anchor blocks when the joint is fully compressed.

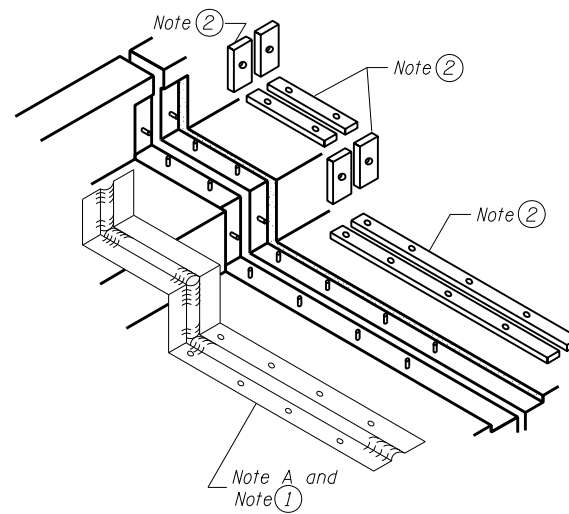
Joint openings shall be adjusted according to Article 503.10(c) of the Standard Specifications when the deck is poured at an ambient temperature other than 50° F.

The parapet and roadway membrane shall be made continuous by an approved vulcanizing process. Lapping will not be permitted.

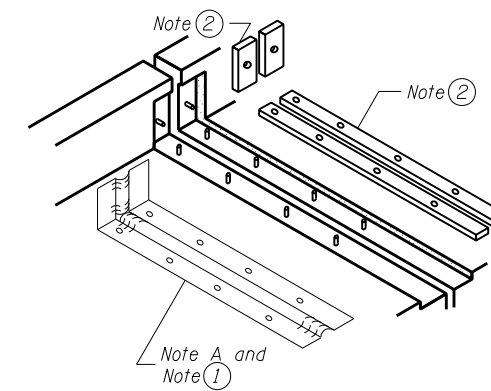
The new elastomeric membrane in the median shall be sealed/spliced to the existing elastomeric membrane in the roadway by an approved method and material as recommended by the manufacturer.



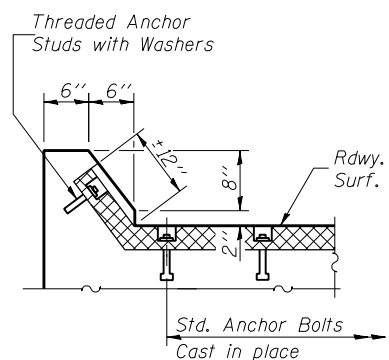
AT PARAPET



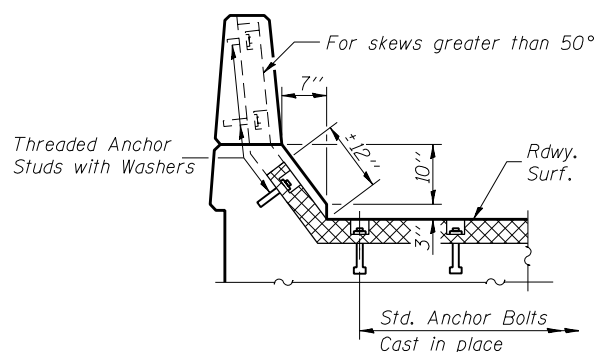
AT SIDEWALK OR MEDIAN



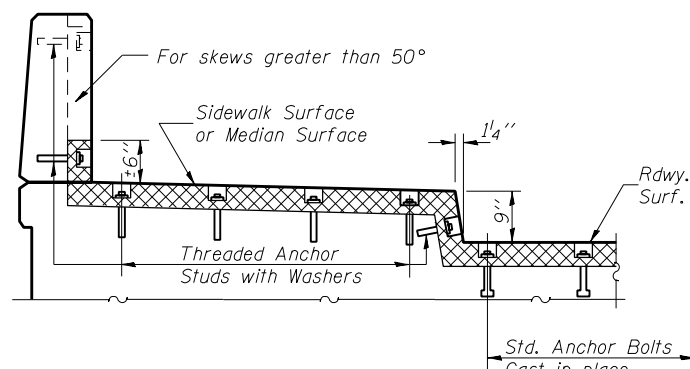
AT WALL



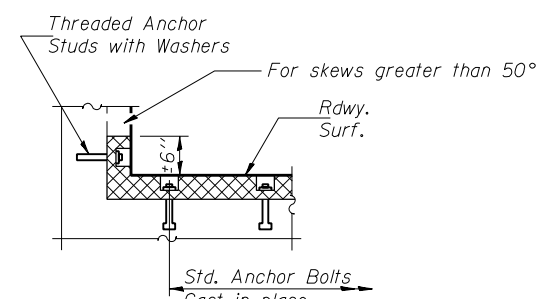
AT CURB



AT PARAPET



AT SIDEWALK OR MEDIAN
TYPICAL END TREATMENTS



AT WALL

BILL OF MATERIAL

Neoprene Expansion Joint 2"	Foot	12.5
Neoprene Expansion Joint 4"	Foot	4.5

MODEL: E-J-CS
FILE NAME: T:\CADD Projects (Drawing Files)\Rehabilitation\CADD\Median Replacement (S0900-0044)\Final Files sent to IDOT\0900044-68E71-007-NeopExp.rvt.dgn
3/19/2019 3:45:12 PM



USER NAME =	DESIGNED - CSG	REVISED -
PLOT SCALE =	CHECKED - RLM	REVISED -
PLOT DATE = 03/19/2019	DRAWN - AEC	REVISED -
	CHECKED - CSG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTINUOUS SEAL TYPE NEOPRENE EXPANSION JOINTS
STRUCTURE NO. 090-0044

SHEET S7 OF S7 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	*	TAZEWELL	160	118
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				

*D4 IL 40 DETOUR RTE PREP 2020

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL QTY.	I-74 @ EAST PEORIA FLYOVER RAMP	IL 40 & RIVER RD./ TRACTOR DR.	IL 40 (KUMPF) & ROMEO B. GARRETT AVE./ MONROE ST.	IL 40 (KUMPF) & 3RD/ JOHN H. GWYNN AVE.	IL 40 (KUMPF) & JEFFERSON AVE.	IL 40 (KUMPF) & ADAMS ST.	IL 40 (PERRY) & MAIN ST.	IL 40 (PERRY) & HAMILTON BLVD.	IL 40 (PERRY) & FAYETTE ST.	IL 40 (PERRY) & IL 40 (SPALDING)	IL 40 (SPALDING) & GREENLEAF ST.	IL 40 (SPALDING) & GLEN OAK AVE.	IL 40 (FAYETTE) & GLEN OAK AVE.	IL 40 (GLENDALE) & MAIN ST.	IL 40 (GLENDALE) & HAMILTON BLVD.	IL 40 (SPALDING) & GLENDALE AVE.	I-74 WB @ WASHINGTON ST. RAMP
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	12.0					12.0												
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	30.0					30.0												
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2270.5					2270.5												
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1147.5					1147.5												
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1C	FOOT	559.0					559.0												
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	34.0					34.0												
CONCRETE FOUNDATION, TYPE D	FOOT	3.5					3.5												
CONFIRMATION BEACON	EACH	2.0			2.0														
LIGHT DETECTOR	EACH	2.0			2.0														
LIGHT DETECTOR AMPLIFIER	EACH	1.0			1.0														
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2.0						1.0											1.0
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0					1.0												
MODIFY EXISTING CONCRETE FOUNDATION	EACH	1.0			1.0														
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1.0					1.0												
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1.0		1.0															
CIRCUIT BREAKER, 1-POLE, 20 AMP, 120V IN EXISTING TSC CABINET	EACH	1.0																	1.0
CAT 5 ETHERNET CABLE	EACH	449.0			90.0		190.5											168.5	
FIBER OPTIC SPLICE - LATERAL	EACH	1.0					1.0												
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	8.0	1.0	1.0	1.0		1.0	1.0	1.0							1.0		1.0	
DOUBLE HANDHOLE (SPECIAL)	EACH	1.0					1.0												
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	9.0							1.0	1.0	1.0	1.0	1.0	1.0	1.0		1.0	1.0	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	3.0			1.0	1.0	1.0												
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 20 3/C, TWISTED, SHIELDED	FOOT	376.5			376.5														
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1.0		1.0															

MODEL: S:\MODELS\MAMES
FILE NAME: ST113

TRAFFIC SIGNALS
SHEET 1 OF 13

NOT TO SCALE

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 119
CONTRACT NO. 68E71			ILLINOIS FED. AID PROJECT	

CONTROLLER CABINET AND MAST ARM INSTALLATION - CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CABINETS AND DELIVER THE CABINETS AND THEIR CONTENTS TO THE CITY OF PEORIA PUBLIC WORKS BUILDING LOCATED AT 3505 N. DRIES LANE, PEORIA. THE CONTRACTOR SHALL NOTIFY IRV LEBLANC, AT (309) 303-7440 FORTY-EIGHT HOURS IN ADVANCE OF EQUIPMENT DELIVERY. THE COST OF THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINETS.
2. THE CONTRACTOR SHALL SCHEDULE THE REPLACEMENT OF TRAFFIC SIGNAL CABINETS ONLY DURING THE HOURS OF 8:30 AM TO 3:00 PM MONDAY THROUGH FRIDAY.
3. THE CONTRACTOR WILL BE ALLOWED TO PLACE THE INTERSECTION INTO ALL-RED FLASH MODE AND ALL-WAY STOP CONTROL ONLY DURING THE HOURS SPECIFIED ABOVE TO FACILITATE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A MINIMUM OF TWO STOP SIGNS PER APPROACH WHEN THE INTERSECTION IS OPERATING IN ALL-RED FLASH MODE OR ALL-WAY STOP CONTROL.
5. THE CONTRACTOR SHALL GROUND AND SAFETY-BOND THE PROPOSED CONTROLLER CABINET IN ACCORDANCE WITH NEC REQUIREMENTS.
6. ALL COSTS (LABOR, MATERIALS, AND EQUIPMENT) ASSOCIATED WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE PROPOSED TRAFFIC SIGNAL CABINET AND MAST ARMS. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS PRIOR TO BIDDING. THERE WILL BE NO ADDITIONAL COMPENSATION PAID FOR CLAIMS THAT ARISE FROM A FAILURE TO FULLY INVESTIGATE EXISTING FIELD CONDITIONS.
2. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
3. THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
5. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
6. THE LOCATIONS FOR HANDHOLES, CONTROLLER CABINETS, AND CONDUITS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
7. POTHOLING TO LOCATE EXISTING UNDERGROUND UTILITIES SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
8. REMOVAL AND REPLACEMENT OF EXISTING SIDEWALK, PAVEMENT, AND ISLANDS FOR UTILITY LOCATING PURPOSES WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE CONDUIT PAY ITEMS.
9. PCC HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
10. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
11. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
12. THE CONTRACTOR SHALL PROVIDE ELECTRICAL CABLE SLACK IN ACCORDANCE WITH ARTICLE 873.03.
13. ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 873.04.
14. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
15. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
16. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
17. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
18. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
19. ALL CAMERAS SHALL BE INSTALLED AT A MINIMUM MOUNTING HEIGHT OF 43 FT.
20. THE CONTRACTOR SHALL REMOVE THE EXISTING CCTV CAMERAS AND DELIVER THEM TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER DR., PEORIA. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED CCTV CAMERAS.
21. THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINETS AND DELIVER THEM AND THEIR CONTENTS TO THE CITY OF PEORIA AT 3505 N. DRIES LANE, PEORIA. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINETS.
22. THE CONTRACTOR SHALL RELOCATE THE EXISTING BATTERY BACKUP CABINETS TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINETS. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROPOSED TRAFFIC SIGNAL CONTROLLER CABINETS.
23. THE MAINTENANCE AND REPAIR OF EXISTING EMERGENCY VEHICLE PREEPTION EQUIPMENT SHALL BE PAID FOR AS EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD

MODEL: MODELNAME
FILE: MODEL.PLT

TRAFFIC SIGNALS
SHEET 2 OF 13

NOT TO SCALE

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL CONSTRUCTION NOTES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404 (IL 40)	D4 IL 40 DETOUR RTE PREP 2020	PEORIA TAZEWELL	160	120
CONTRACT NO. 68E71			ILLINOIS FED. AID PROJECT	



THE EXISTING VIDEO DETECTION SYSTEM SHALL REMAIN IN OPERATION DURING THE INSTALLATION OF THE PROPOSED VIDEO DETECTION SYSTEM.

THE CONTRACTOR SHALL REMOVE THE FOUR EXISTING VIDEO DETECTION CAMERAS AND BRACKETS AND DELIVER THEM TO THE DEPARTMENT. THE CONTRACTOR SHALL REMOVE THE EXISTING VIDEO DETECTION CABLES AND DISPOSE OF THEM OFF-SITE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF THE VIDEO DETECTION SYSTEM.

W A VID DET SYS COM
1.0 EACH (INSTALL ON EX. MAST ARM STRAIN POLE LOCATED IN SE QUADRANT NEAREST TO CONTROLLER CABINET)

CCTV DOME CAMERA HD
1.0 EACH (REPLACE EXISTING CCTV CAMERA)

CCTV DOME CAMERA HD
1.0 EACH (REPLACE EXISTING CCTV CAMERA)

EX. CCTV DOME CAMERA, HD

DESCRIPTION	UNIT	QTY.
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2.0
WIDE AREA VIDEO DETECTION SYSTEM COMPLETE	EACH	1.0

LEGEND

	EXISTING TRAFFIC SIGNAL CONTROLLER
	EXISTING CCTV DOME CAMERA
	EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT
	PROPOSED CCTV DOME CAMERA, HD
	PROPOSED WIDE AREA VIDEO DETECTION SYSTEM COMPLETE

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

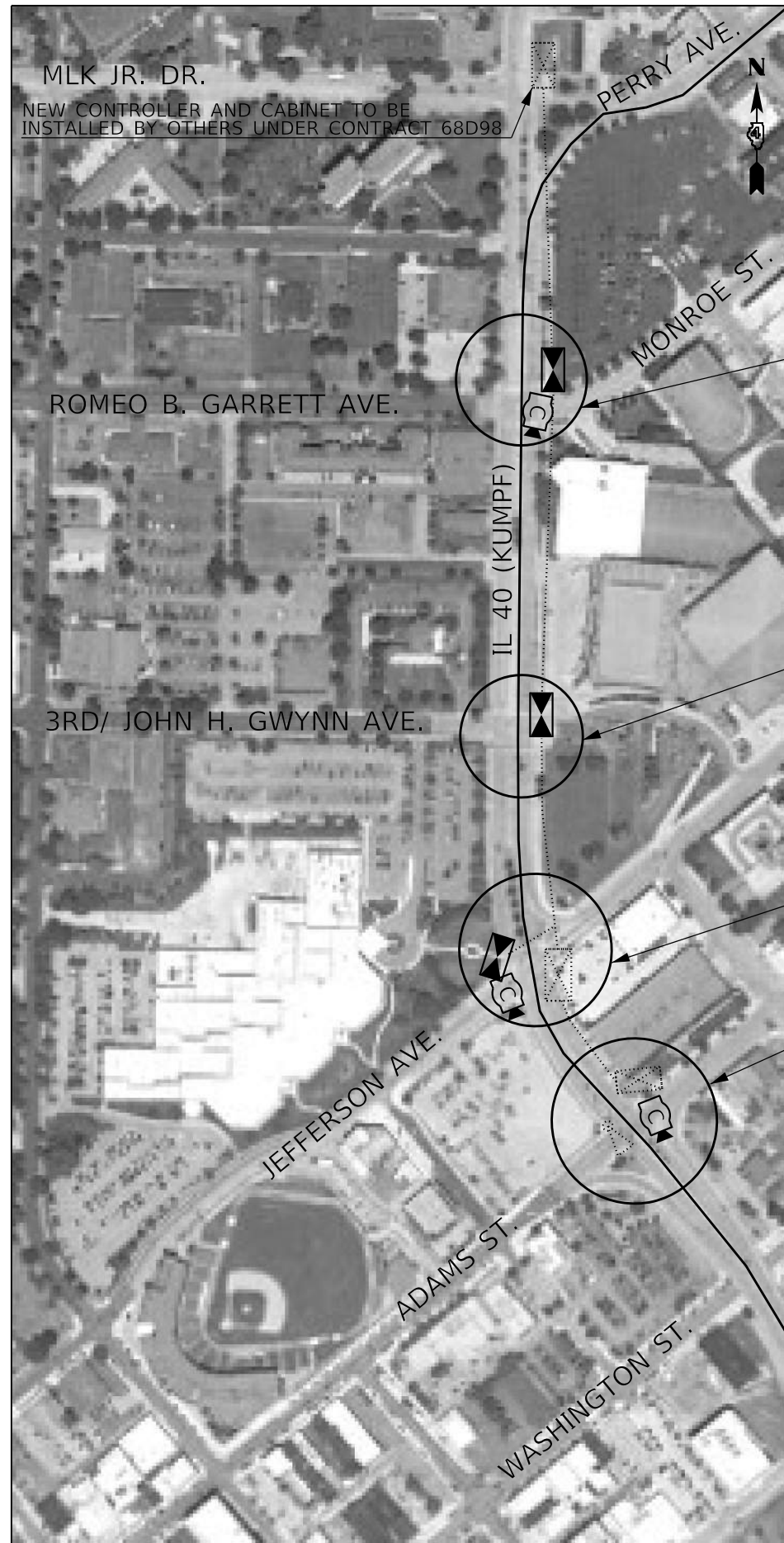
PROPOSED CCTV CAMERA REPLACEMENT
I-74 FLYOVER RAMP - EAST PEORIA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 121
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS
SHEET 3 OF 13
NOT TO SCALE

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILES\$



SEE SIGNAL SHEET 8 FOR INTERSECTION DETAILS

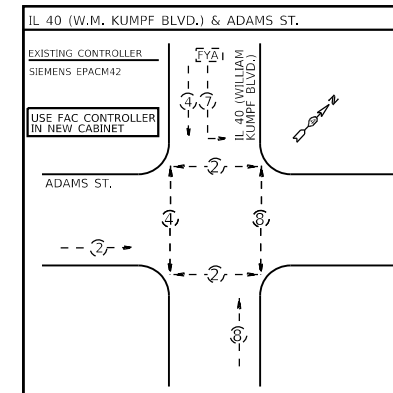
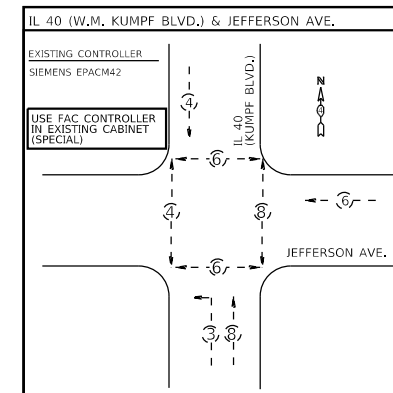
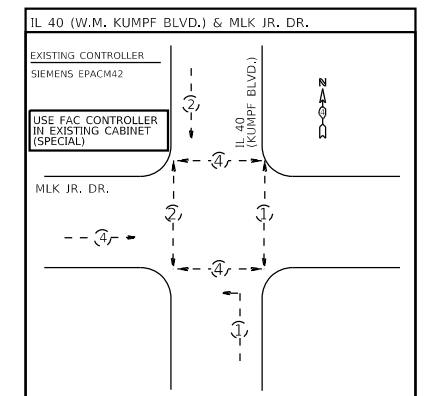
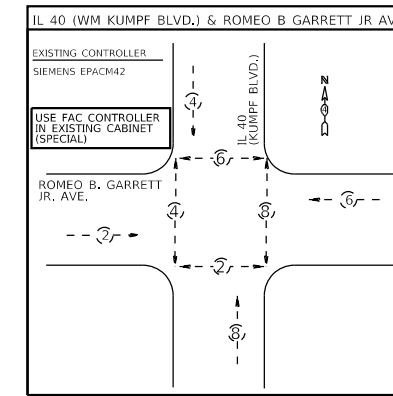
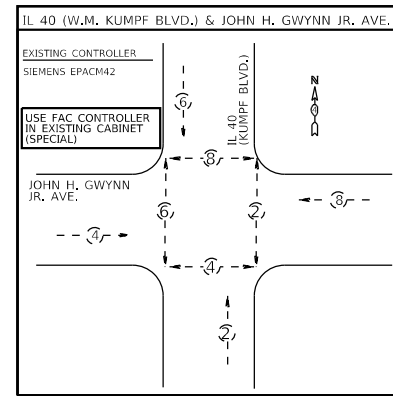
SEE SIGNAL SHEET 7 FOR INTERSECTION DETAILS

SEE SIGNAL SHEET 6 FOR INTERSECTION DETAILS

SEE SIGNAL SHEET 5 FOR INTERSECTION DETAILS

LEGEND

- EXISTING CCTV DOME CAMERA
- EXISTING EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR
- EXISTING FIBER OPTIC CABLE
- EXISTING TRAFFIC SIGNAL CONTROLLER
- PROPOSED TRAFFIC SIGNAL CONTROLLER
- PROPOSED CCTV DOME CAMERA
- PROPOSED EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (WM. KUMPF BLVD.)

TRAFFIC SIGNALS
SHEET 4 OF 13

NOT TO SCALE

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	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 122
CONTRACT NO. 68E71			ILLINOIS FED. AID PROJECT	

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$FILES\$



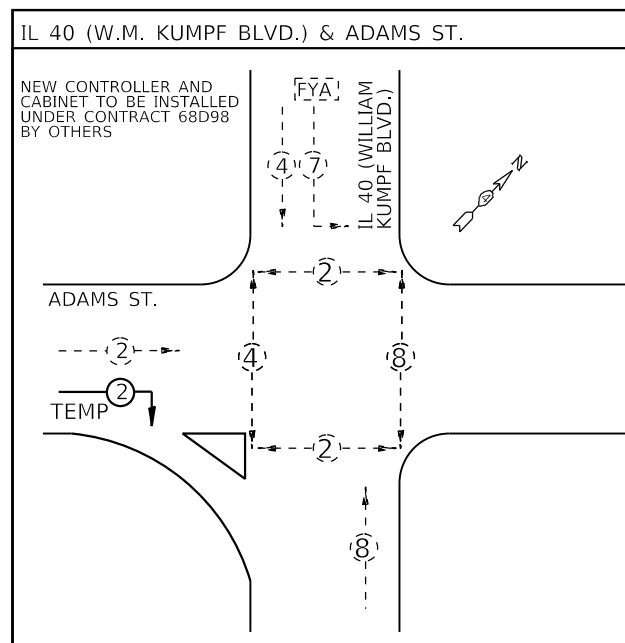
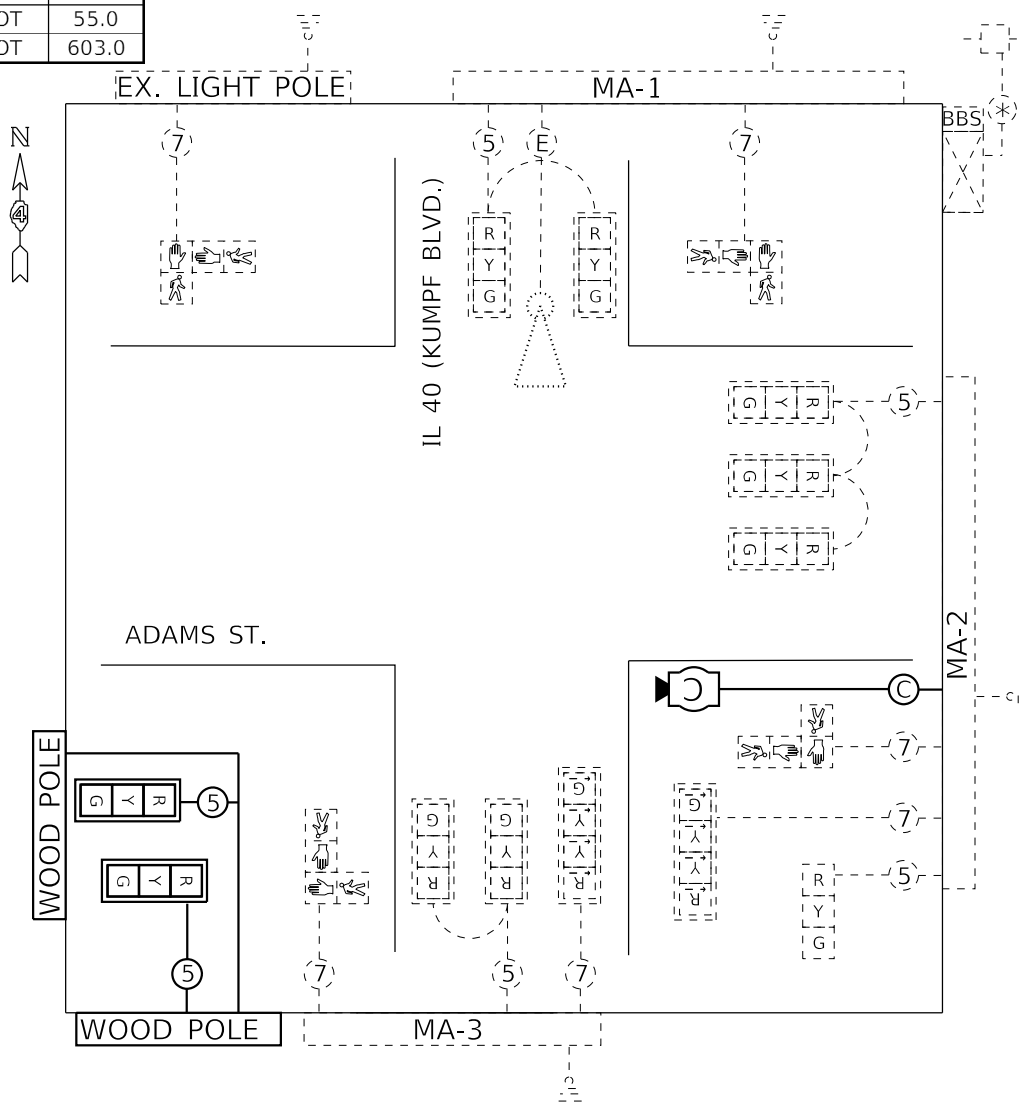
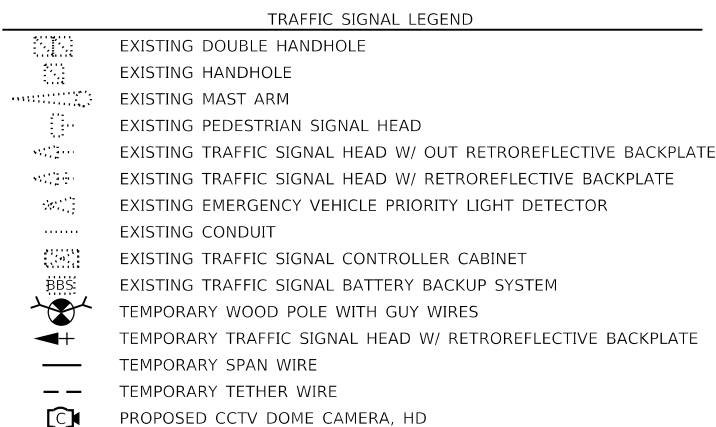
DESCRIPTION	UNIT	QTY.
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
CAT 5 ETHERNET CABLE	FOOT	190.5
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0

TEMPORARY TRAFFIC SIGNAL INSTALLATION - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING ITEMS AND QUANTITIES ARE FOR REFERENCE ONLY:

ITEM	UNIT	QTY.
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	1.0
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1.0
RETROREFLECTIVE BACKPLATE	EACH	2.0
TEMPORARY WOOD POLE, 30 FT., WITH GUY WIRES	EACH	2.0
SPAN WIRE	FOOT	55.0
TETHER WIRE	FOOT	55.0
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	603.0

CAT 5 ETHERNET CABLE
190.5 FT.
CCTV DOME CAMERA HD
1.0 EACH



TEMPORARY TRAFFIC SIGNAL INSTALLATION NOTES

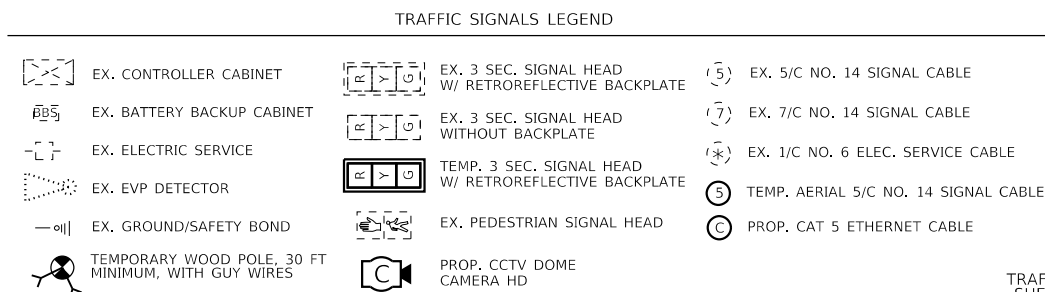
THE CONTRACTOR SHALL PULL THE TEMPORARY TRAFFIC SIGNAL CABLES THROUGH EXISTING CONDUITS AND HANDHOLES FROM THE CONTROLLER TO THE BASE OF MA-3, AND UP THE MAST ARM STRAIN POLE. THE CONTRACTOR SHALL SEAL ALL HOLES TO PREVENT WATER INTRUSION AND INSTALL A PERMANENT PLUG/COVER UPON THE REMOVAL OF THE TEMPORARY TRAFFIC SIGNALS.

THE CONTRACTOR SHALL INSTALL THE TEMPORARY TRAFFIC SIGNAL CABLES FROM THE TOP OF THE EXISTING MAST ARM STRAIN POLE TO THE PROPOSED WOOD POLE AS SHOWN IN THE PLANS.

THE CONTRACTOR SHALL INSTALL ONE BRACKET-MOUNTED 3-SECTION SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE ON THE WOOD POLE AND ONE SPAN-WIRE MOUNTED 3-SECTION SIGNAL HEAD WITH RETROREFLECTIVE BACKPLATE ON THE SPAN-WIRE BETWEEN WOOD POLES AS SHOWN ON THE PLAN SHEET. BOTH SIGNAL HEADS SHALL BE ASSIGNED TO PHASE 2.

SPAN WIRE MOUNTED SIGNAL HEADS SHALL MAINTAIN A 16 FT. MINIMUM CLEARANCE ABOVE THE LOWEST POINT OF THE ROADWAY AND BRACKET MOUNTED SIGNAL HEADS SHALL BE INSTALLED A MINIMUM OF 8 FT. FROM THE BOTTOM OF THE HEAD TO THE GROUND.

THE CONTRACTOR SHALL REMOVE THE TEMPORARY TRAFFIC SIGNALS AT THE END OF THE PROJECT.



TRAFFIC SIGNALS SHEET 5 OF 13

NOT TO SCALE

MODEL: SMOBELNAMES
FILE: SMOBELNAMES.DWG

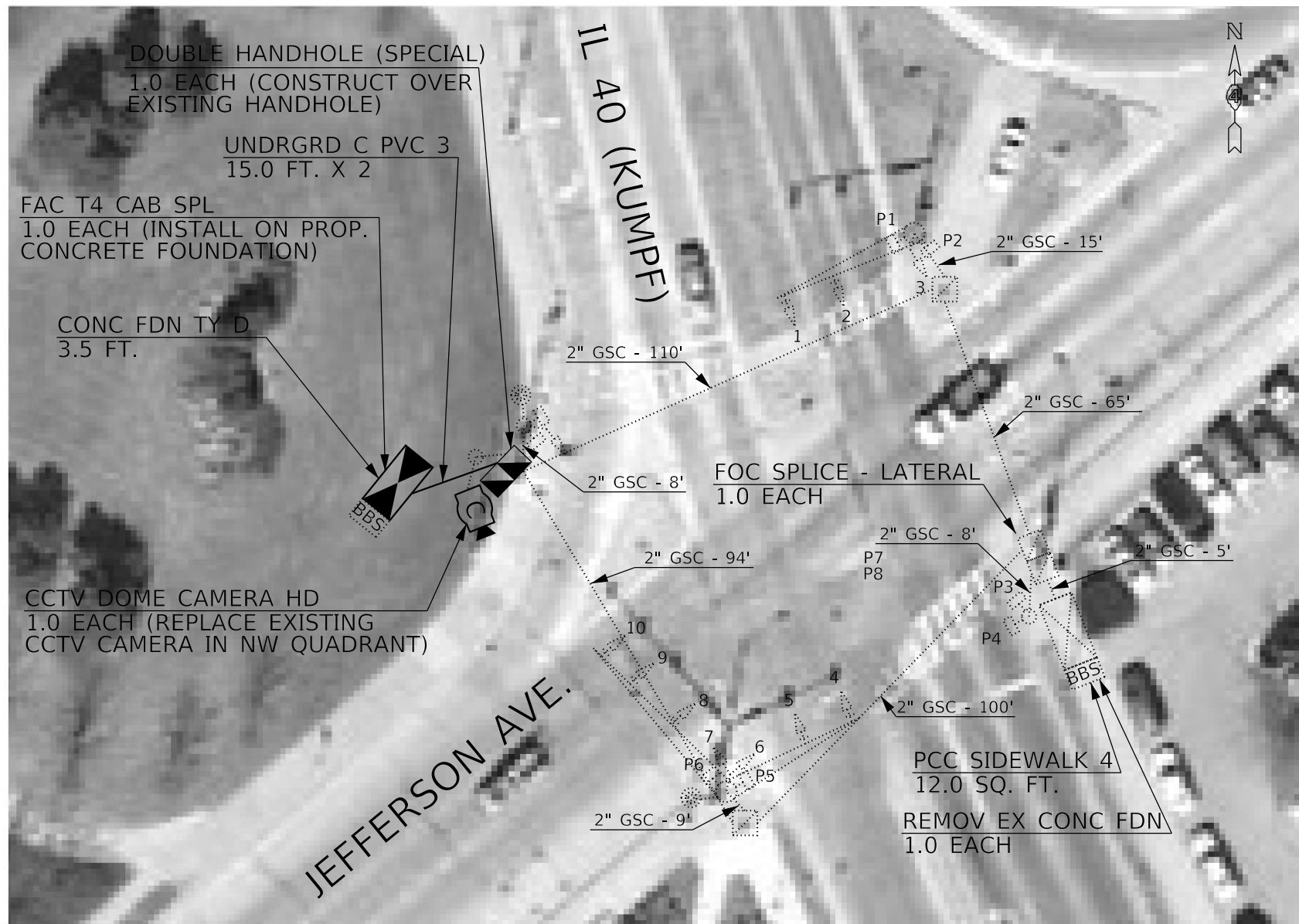
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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

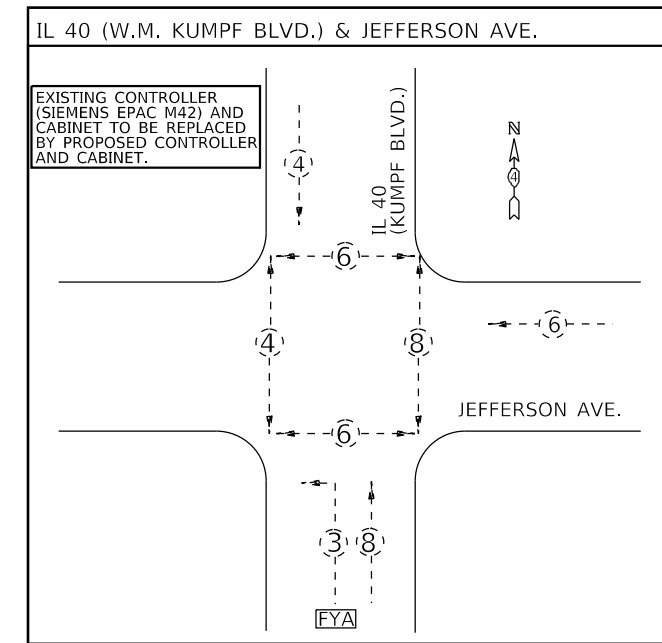
PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (W.M. KUMPF BLVD.) & ADAMS ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 123
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				



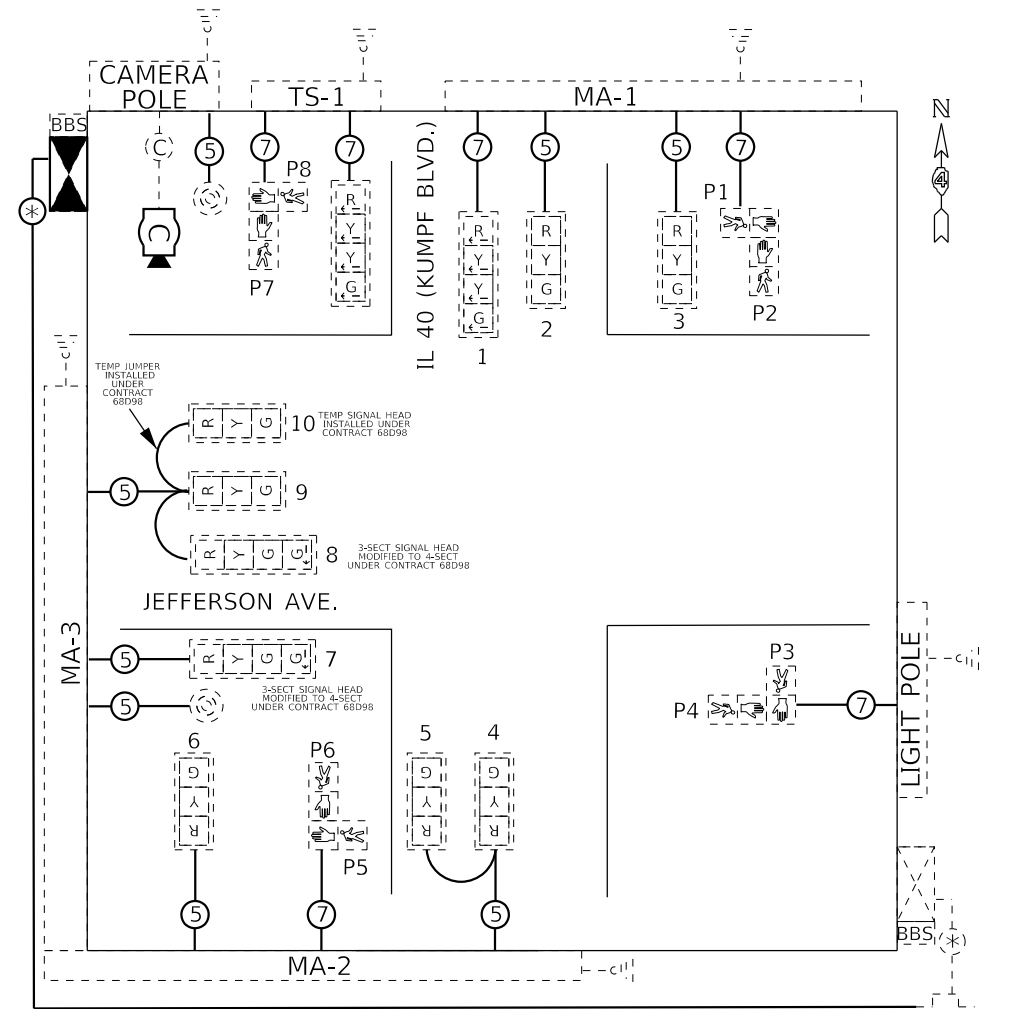
DESCRIPTION	UNIT	QTY.
PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	12.0
DOUBLE HANDHOLE (SPECIAL)	EACH	1.0
UNDERGROUND CONDUIT, PVC, 3" DIA.	EACH	30.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2270.5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1147.5
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1C	FOOT	559.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	34.0
CONCRETE FOUNDATION, TYPE D	FOOT	3.5
REMOVE EXISTING CONCRETE FOUNDATION	EACH	1.0
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
FIBER OPTIC CABLE SPLICE - LATERAL	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0



- NOTES:
- EX. TRAFFIC SIGNAL CABINET TO BE REMOVED FROM SE QUAD AND DELIVERED TO CITY OF PEORIA (INCLUDED IN COST OF PROPOSED CONTROLLER CABINET)
 - PROP. TRAFFIC SIGNAL CABINET TO BE INSTALLED IN NW QUAD
 - EX. BBS UNIT TO BE RELOCATED TO PROP. TRAFFIC SIGNAL CABINET (INCLUDED IN COST OF PROPOSED CONTROLLER CABINET)

TRAFFIC SIGNAL LEGEND

	EXISTING DOUBLE HANDHOLE
	EXISTING HANDHOLE
	EXISTING MAST ARM
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING TRAFFIC SIGNAL HEAD W/ OUT RETROREFLECTIVE BACKPLATE
	EXISTING TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
	EXISTING EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR
	EXISTING CONDUIT
	EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
	EXISTING TRAFFIC SIGNAL BATTERY BACKUP SYSTEM (RELOCATED)
	PROPOSED CCTV DOME CAMERA, HD
	PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET



TRAFFIC SIGNALS LEGEND

	EX. CONTROLLER CABINET		EX. 3 SEC. SIGNAL HEAD WITH BACKPLATE		EX. 1/C NO. 6 ELEC. SERVICE CABLE
	EX. BATTERY BACKUP CABINET		EX. 3 SEC. SIGNAL HEAD WITHOUT BACKPLATE		EX. CAT 5 ETHERNET CABLE
	EX. ELECTRIC SERVICE		EX. PEDESTRIAN SIGNAL HEAD		PROP. 5/C NO. 14 SIGNAL CABLE
	EX. GROUND/SAFETY BOND		PROP. CCTV DOME CAMERA HD		PROP. 7/C NO. 14 SIGNAL CABLE
	PROP. CONTROLLER CABINET		PROP. 1/C NO. 6 X 2		

MODEL: S:\MODELS\NAMES FILE: S:\MODELS: STILES

USER NAME = \$USERS	DESIGNED -	REVISED -
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (W.M. KUMPF BLVD.) & JEFFERSON ST.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 124
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E71	

TRAFFIC SIGNALS SHEET 6 OF 13

NOT TO SCALE

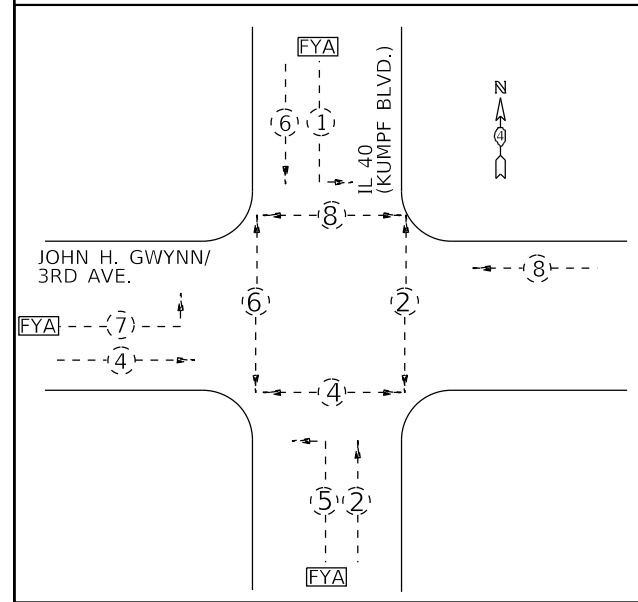


FAC T4 CAB SPL
1.0 EACH (INSTALL ON EX
CONCRETE FOUNDATION)

3RD AVE./
JOHN H. GWYNN AVE.

IL 40 (KUMPF)

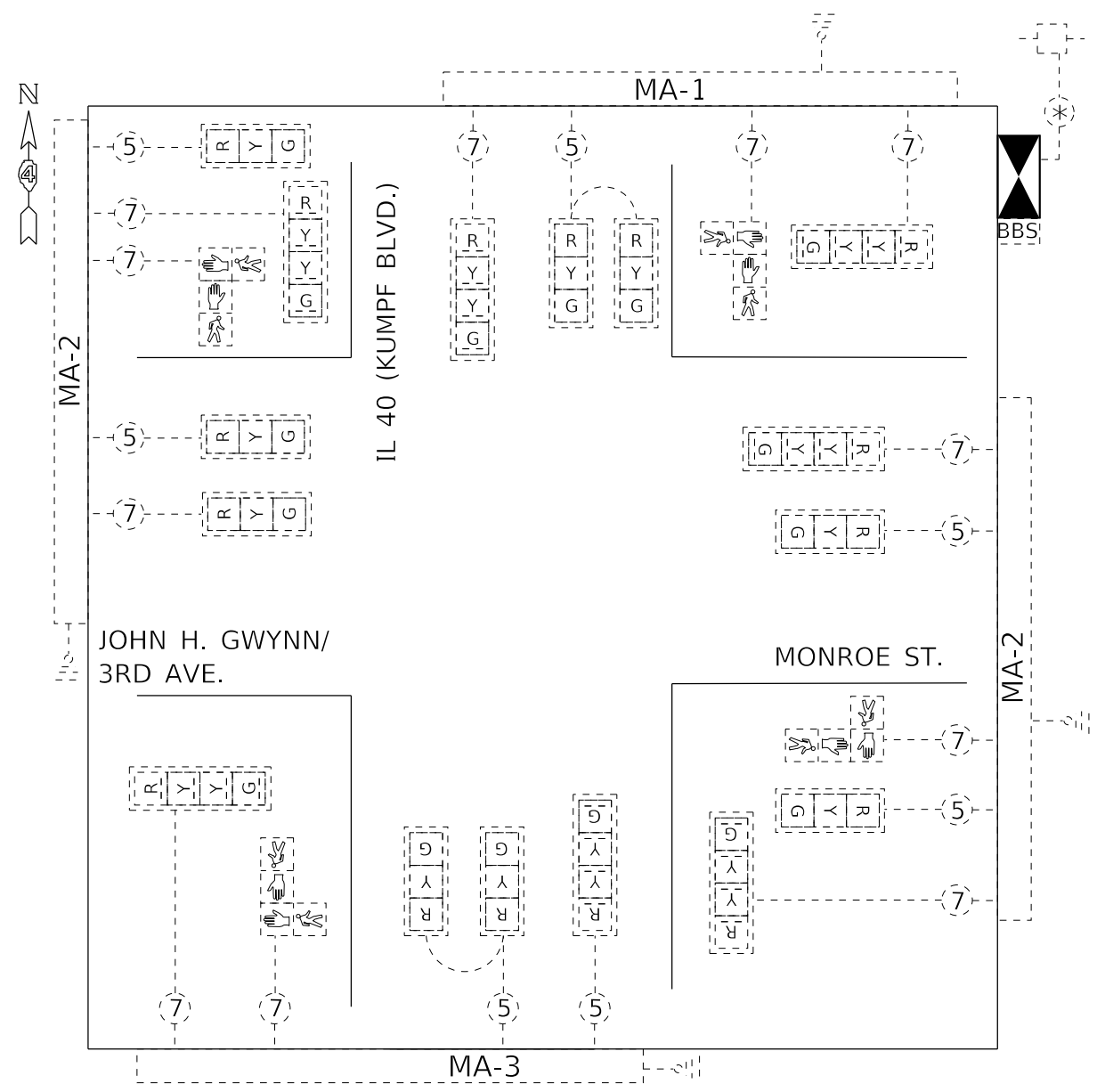
IL 40 (KUMPF BLVD) & JOHN H. GWYNN/ 3RD AVE.



TRAFFIC SIGNAL LEGEND

	EXISTING HANDHOLE
	EXISTING MAST ARM
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
	EXISTING TRAFFIC SIGNAL HEAD W/ OUT RETROREFLECTIVE BACKPLATE
	EXISTING CONDUIT
	EXISTING TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
	PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET ON EXISTING CONCRETE FOUNDATION

DESCRIPTION	UNIT	QTY.
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0



TRAFFIC SIGNALS LEGEND

	PROP. CONTROLLER CABINET ON EXISTING FOUNDATION		EX. 3 SEC. SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE		EX. 5/C NO. 14 SIGNAL CABLE
	EX. BATTERY BACKUP CABINET (RELOCATED TO PROP. CABINET)		EX. 3 SEC. SIGNAL HEAD WITHOUT BACKPLATE		EX. 7/C NO. 14 SIGNAL CABLE
	EX. ELECTRIC SERVICE		EX. PEDESTRIAN SIGNAL HEAD		EX. 1/C NO. 6 ELEC. SERVICE CABLE
	EX. GROUND/SAFETY BOND				

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FILE: SMOBELNAMES_STYLES

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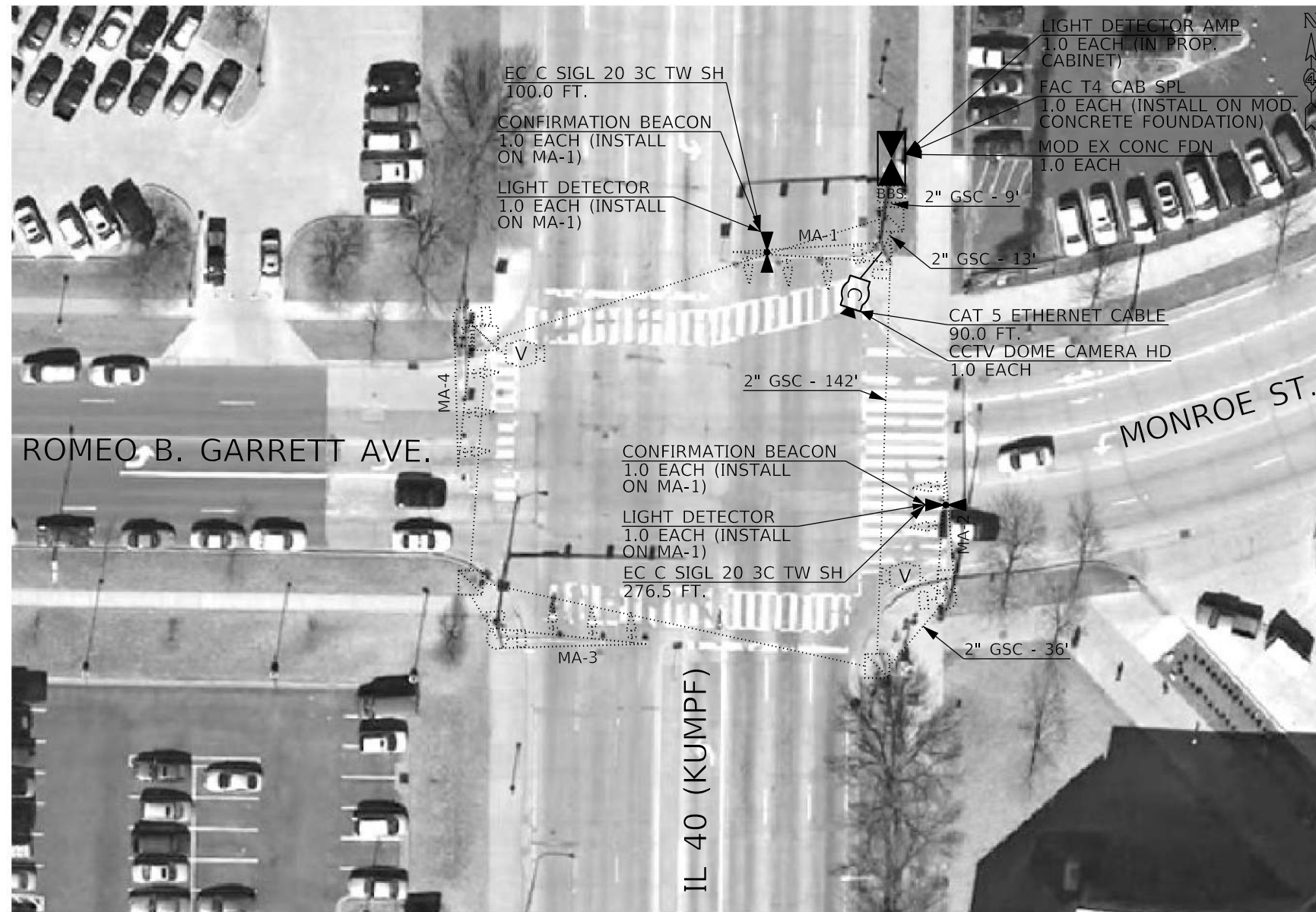
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (WM. KUMPF BLVD.) & JOHN GWYNN AVE.
SCALE: SHEET OF SHEETS STA. TO STA.

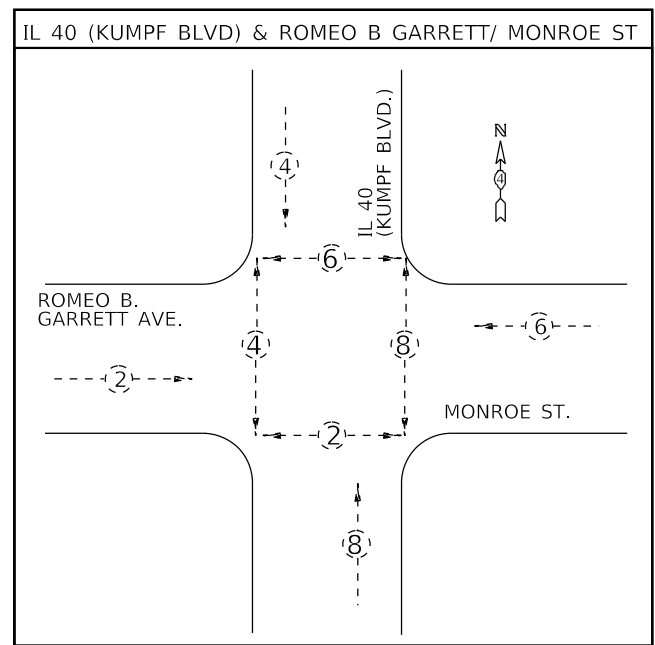
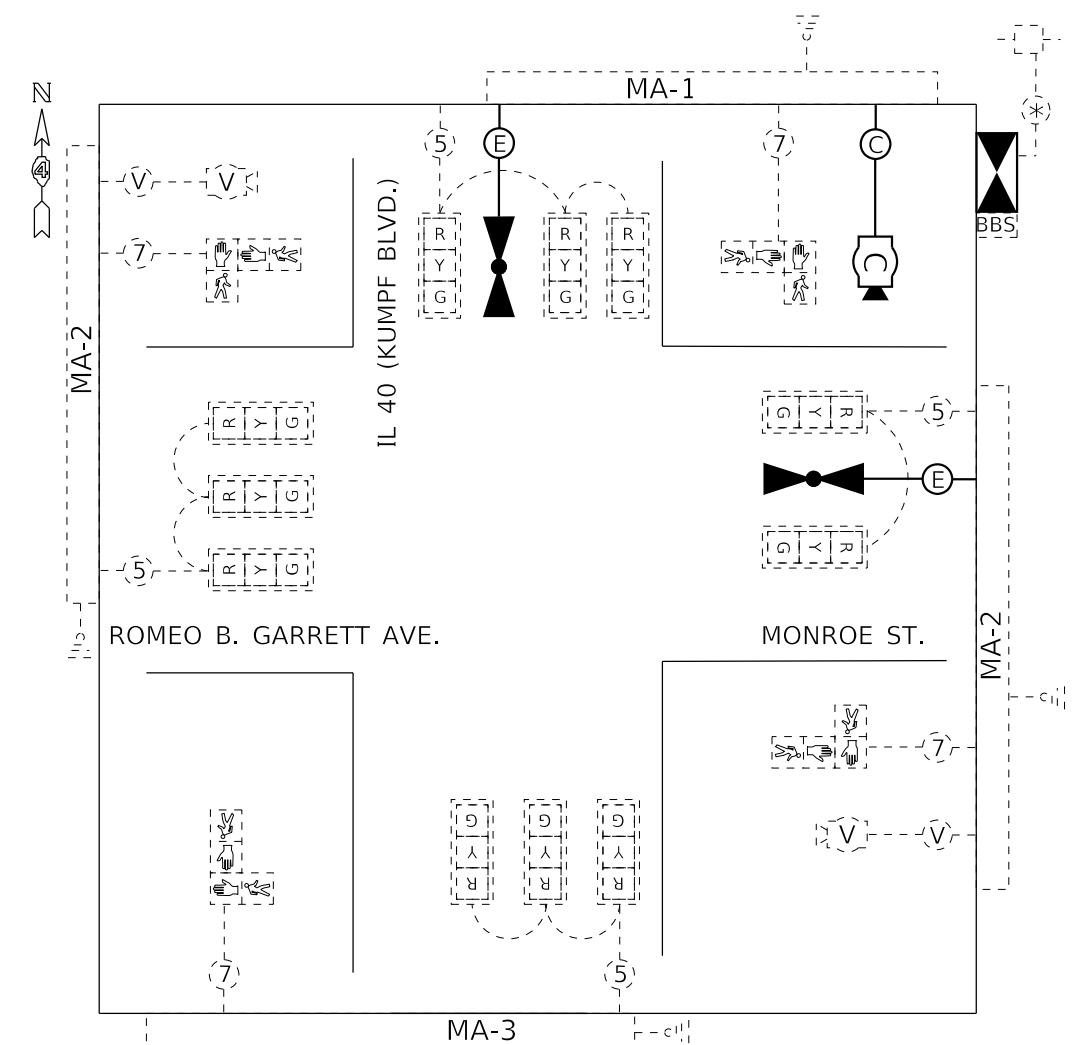
F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 125
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E71	

TRAFFIC SIGNALS SHEET 7 OF 13

NOT TO SCALE



DESCRIPTION	UNIT	QTY.
CONFIRMATION BEACON	EACH	2.0
LIGHT DETECTOR	EACH	2.0
LIGHT DETECTOR AMPLIFIER	EACH	1.0
MODIFY EXISTING CONCRETE FOUNDATION	EACH	1.0
CAT 5 ETHERNET CABLE	FOOT	90.0
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 20 3/C, TWISTED, SHIELDED	FOOT	376.5



TRAFFIC SIGNAL LEGEND

	EXISTING HANDHOLE
	EXISTING MAST ARM
	EXISTING PEDESTRIAN SIGNAL HEAD
	EXISTING TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
	EXISTING VEHICLE VIDEO DETECTION CAMERA
	EXISTING CONDUIT
	EXISTING TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
	PROPOSED CCTV DOME CAMERA, HD
	PROPOSED EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR
	PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET ON MODIFIED EXISTING FOUNDATION

TRAFFIC SIGNALS LEGEND

	PROP. CONTROLLER CABINET ON MODIFIED EX. FOUNDATION		EX. 3 SEC. SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE		EX. 5/C NO. 14 SIGNAL CABLE
	EX. BATTERY BACKUP CABINET (RELOCATED TO PROP. CABINET)		EX. 3 SEC. SIGNAL HEAD WITHOUT BACKPLATE		EX. 7/C NO. 14 SIGNAL CABLE
	EX. ELECTRIC SERVICE		EX. PEDESTRIAN SIGNAL HEAD		EX. 1/C NO. 6 ELEC. SERVICE CABLE
	EX. GROUND/SAFETY BOND		EX. VEHICLE VIDEO DETECTION CAMERA		EX. VEHICLE VIDEO DETECTION CABLE
			PROP. CCTV DOME CAMERA HD		PROP. CAT 5 ETHERNET CABLE
			PROP. EVP DETECTOR		PROP. EVP DETECTOR CABLE (#20 3/C T/5)

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	DRAWN -	REVISED -
PLOT SCALE = \$SCALES	CHECKED -	REVISED -
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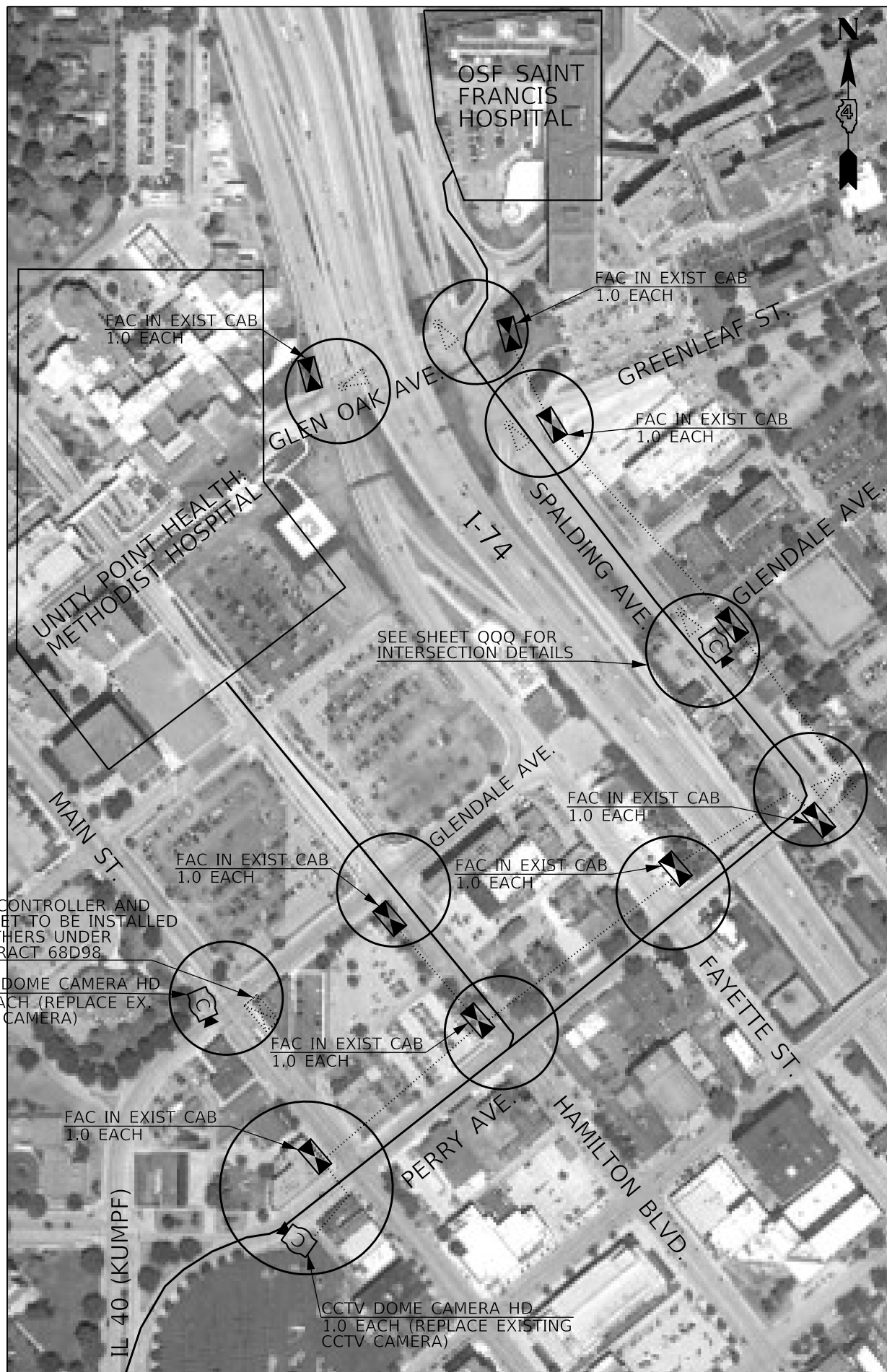
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (WM. KUMPF BLVD.) & ROMEO B. GARRETT AVE/MONROE ST.**

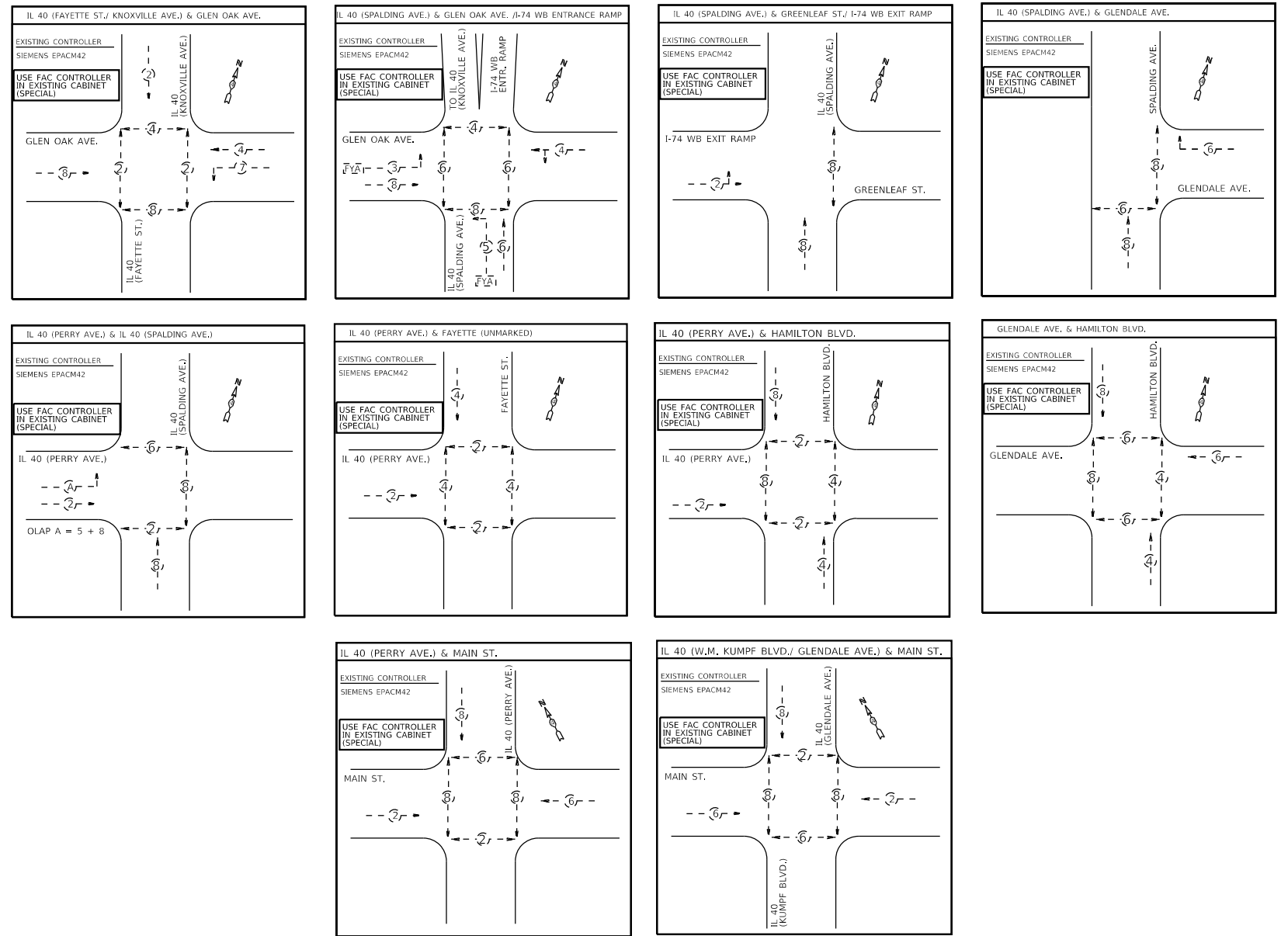
F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 126
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E71	

TRAFFIC SIGNALS SHEET 8 OF 13

NOT TO SCALE



DESCRIPTION	UNIT	QTY.
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	2.0
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	8.0



- LEGEND
- EXISTING EMERGENCY VEHICLE PRIORITY LIGHT DETECTOR
 - EXISTING FIBER OPTIC CABLE
 - PROPOSED TRAFFIC SIGNAL CONTROLLER IN EXISTING CABINET
 - PROPOSED CCTV DOME CAMERA

MODEL: S:\MODEL\NAMES
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED TRAFFIC SIGNAL IMPROVEMENTS			
IL 40 (PERRY AVE.) AND IL 40 (SPALDING AVE.)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

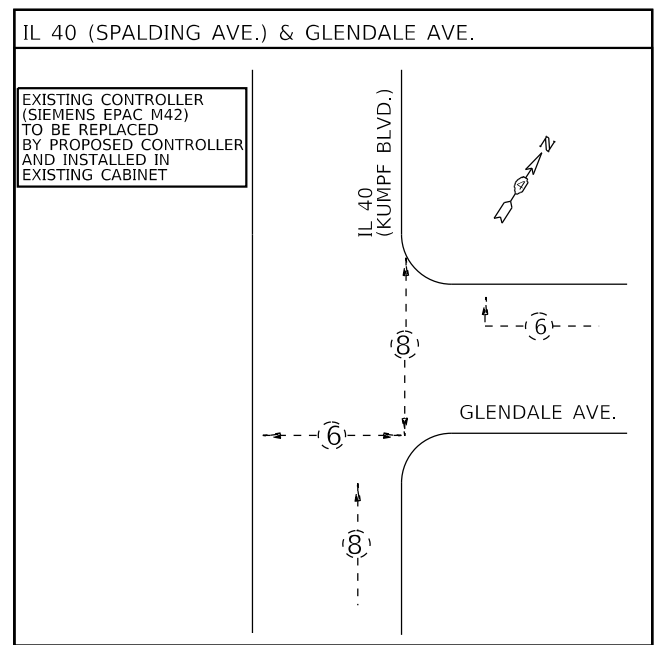
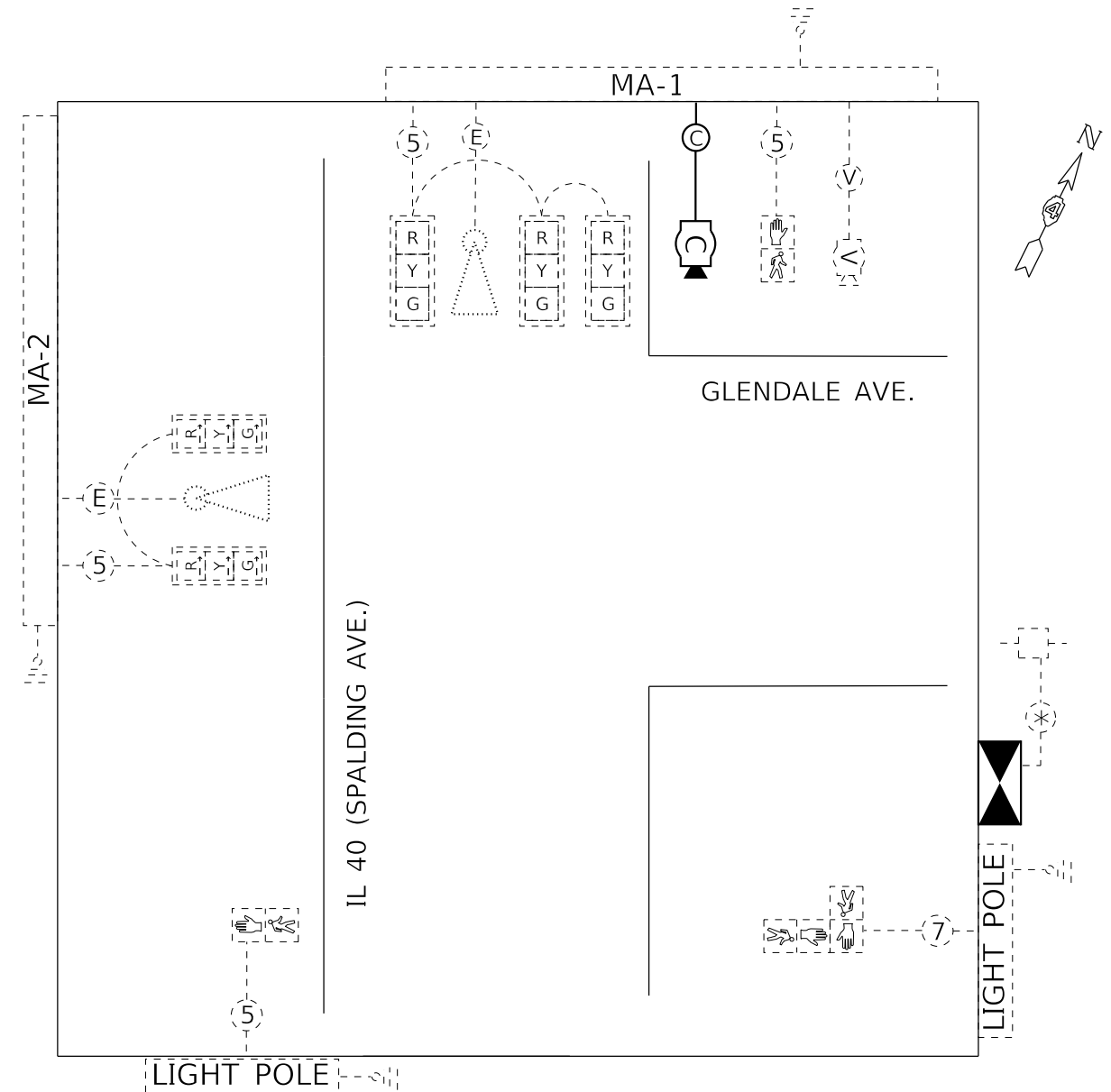
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404 (IL 40)	D4 IL 40 DETOUR RTE PREP 2020	PEORIA TAZEWELL	160	127
CONTRACT NO. 68E71				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS
SHEET 9 OF 13

NOT TO SCALE



DESCRIPTION	UNIT	QTY.
CAT 5 ETHERNET CABLE	FOOT	168.5
CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1.0
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1.0



- TRAFFIC SIGNAL LEGEND
- EXISTING HANDHOLE
 - EXISTING MAST ARM
 - EXISTING PEDESTRIAN SIGNAL HEAD
 - EXISTING TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
 - EXISTING TRAFFIC SIGNAL HEAD W/ OUT RETROREFLECTIVE BACKPLATE
 - EXISTING CONDUIT
 - EXISTING TRAFFIC SIGNAL BATTERY BACKUP SYSTEM
 - EXISTING VEHICLE VIDEO DETECTION CAMERA
 - PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET ON EXISTING CONCRETE FOUNDATION

- TRAFFIC SIGNALS LEGEND
- PROP. CONTROLLER CABINET ON EXISTING FOUNDATION
 - EX. BATTERY BACKUP CABINET (RELOCATED TO PROP. CABINET)
 - EX. ELECTRIC SERVICE
 - EXISTING VEHICLE VIDEO DETECTION CAMERA
 - EX. 3 SEC. SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
 - EX. PEDESTRIAN SIGNAL HEAD
 - EX. EVP DETECTOR
 - EX. GROUND/SAFETY BOND
 - EX. 5/C NO. 14 SIGNAL CABLE
 - EX. 7/C NO. 14 SIGNAL CABLE
 - EX. 1/C NO. 6 ELEC. SERVICE CABLE
 - EX. EVP CABLE
 - PROP. CCTV DOME CAMERA HD
 - PROP. CAT 5 ETHERNET CABLE

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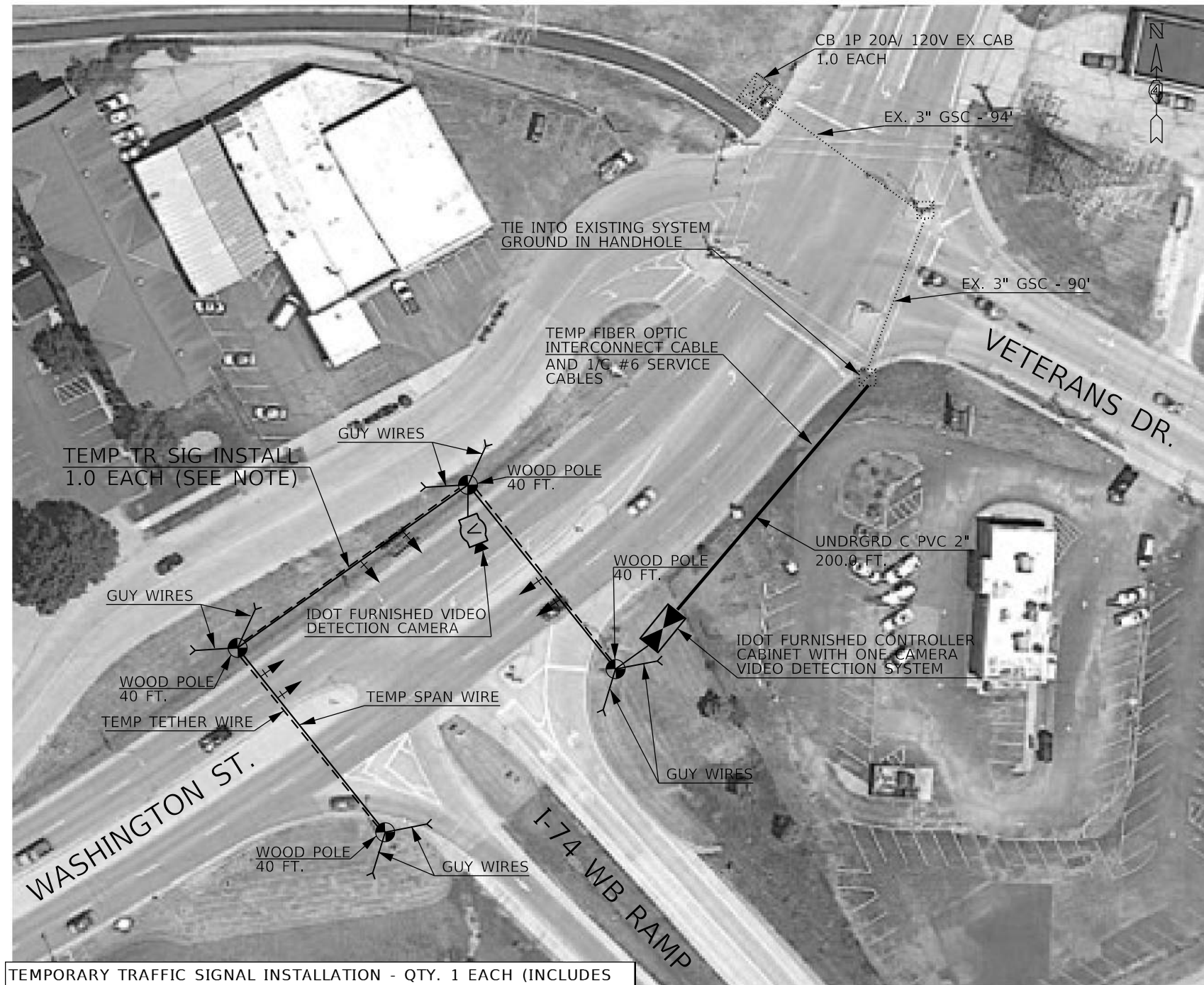
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED TRAFFIC SIGNAL IMPROVEMENTS
IL 40 (SPALDING AVE.) & GLENDALE AVE.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 128
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E71	

TRAFFIC SIGNALS SHEET 10 OF 13
NOT TO SCALE



DESCRIPTION	UNIT	QTY.
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0
CIRCUIT BREAKER, 1-POLE, 20 AMP, 120V IN EXISTING TSC CABINET	EACH	1.0

TRAFFIC SIGNAL LEGEND

	EXISTING DOUBLE HANDHOLE
	EXISTING HANDHOLE
	EXISTING CONDUIT
	EXISTING TRAFFIC SIGNAL CONTROLLER CABINET
	TEMPORARY WOOD POLE WITH GUY WIRES
	TEMPORARY TRAFFIC SIGNAL HEAD W/ RETROREFLECTIVE BACKPLATE
	TEMPORARY SPAN WIRE
	TEMPORARY TETHER WIRE
	TEMPORARY VIDEO DETECTION CAMERA (IDOT FURNISHED)
	PROPOSED UNDERGROUND CONDUIT, PVC 2"

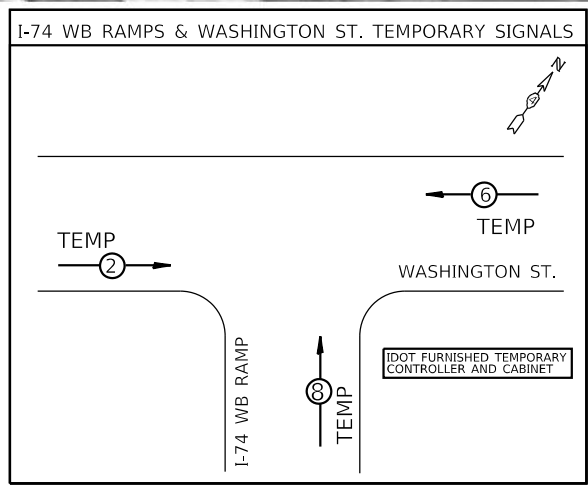
TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES

- T1. THE CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, CONTROLLER AND CABINET (IDOT FURNISHED), WOOD POLES, GUY WIRE, VIDEO DETECTION (IDOT FURNISHED), AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.
- T2. A ONE CAMERA VEHICLE VIDEO DETECTION SYSTEM SHALL BE USED TO PROVIDE DETECTION FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE DEPARTMENT WILL FURNISH A ONE CAMERA VIDEO DETECTION SYSTEM (CAMERAS WITH BRACKETS AND PROCESSOR) FOR THE I-74 WB RAMP APPROACH FOR USE WITH THE TEMPORARY INSTALLATION. THE CONTRACTOR SHALL FURNISH ALL CABLE, HARDWARE, BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM.
- T3. THE IDOT FURNISHED TRAFFIC SIGNAL CONTROLLER AND CABINET SHALL BE UTILIZED FOR THE TEMPORARY TRAFFIC SIGNALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CABINET AND ITS EQUIPMENT FOR THE DURATION OF THE TEMPORARY TRAFFIC SIGNALS.
- T4. AERIAL TRAFFIC SIGNAL CABLE, SPAN WIRE, TETHER WIRE, AND MESSENGER CABLES SHALL BE FURNISHED AND INSTALLED AS REQUIRED AND SHOWN ON THE PLAN SHEETS.
- T5. THE TEMPORARY TRAFFIC SIGNAL SPAN WIRES AND CABLES SHALL BE ATTACHED TO THE WOOD POLES IN A MANNER APPROVED BY THE ENGINEER. ALL CABLES SHALL MAINTAIN A 18 FT. MINIMUM CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.
- T6. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" LENSES AND ALL TEMP SIGNAL HEADS SHALL BE EQUIPPED WITH RETROREFLECTIVE BACKPLATES.
- T7. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T8. THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF WOOD POLES, GUY WIRES, AND OTHER TEMPORARY TRAFFIC SIGNAL EQUIPMENT WITH THE ENGINEER TO PREVENT CONFLICTS WITH CONSTRUCTION STAGING AND OVERHEAD UTILITIES.
- T9. THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T10. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS.
- T11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE VIDEO DETECTION SYSTEM TO ACCOMMODATE CONSTRUCTION STAGING (INCLUDING CAMERA AIMING AND PROGRAMMING).
- T12. THE CONTRACTOR SHALL REMOVE ALL ITEMS ASSOCIATED WITH THE TEMPORARY TRAFFIC SIGNALS AT THE COMPLETION OF THE PROJECT. ALL EQUIPMENT FURNISHED BY IDOT SHALL BE DELIVERED TO THE IDOT TRAFFIC BUILDING LOCATED AT 1025 W. DETWEILLER, PEORIA. ALL EQUIPMENT SHALL BE RETURNED IN GOOD WORKING CONDITION.
- T13. THE CONTRACTOR SHALL TERMINATE 2 FIBERS AT THE TEMPORARY TRAFFIC SIGNAL CABINET AND THE EXISTING TRAFFIC SIGNAL CABINET AT WASHINGTON & VETERANS.
- T14. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RELOCATE THE TEMPORARY TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH THE PROPOSED CONSTRUCTION STAGING.

TEMPORARY TRAFFIC SIGNAL INSTALLATION - QTY. 1 EACH (INCLUDES ALL ITEMS LISTED BELOW)

THE FOLLOWING ITEMS AND QUANTITIES ARE FOR REFERENCE ONLY:

ITEM	UNIT	QTY.
FIBER OPTIC CABLE IN CONDUIT, 12 MM/ 24 SM FIBERS	FOOT	422.0
UNDERGROUND CONDUIT, PVC, 2"	FOOT	200.0
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 1C	FOOT	844.0
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	212.5
TEMPORARY WOOD POLE, 40 FT. WITH GUY WIRES	EACH	4.0
SPAN WIRE	FOOT	375.0
TETHER WIRE	FOOT	375.0
ELECTRIC CABLE AERIAL SUSPENDED, SIGNAL, NO. 14 5C	FOOT	714.0
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, SPAN WIRE MOUNTED	EACH	6.0
RETROREFLECTIVE BACKPLATE	EACH	6.0
IDOT FURNISHED CABINET AND CONTROLLER	EACH	1.0
IDOT FURNISHED 1 CAMERA VIDEO DETECTION SYSTEM	EACH	1.0



MODEL: S:\MODELS\FILES: S:\FILES

USER NAME = SUSERS	DESIGNED -	REVISED -
PLOT SCALE = SCALES	DRAWN -	REVISED -
PLOT DATE = SDATES	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNALS
I-74 WB RAMPS & WASHINGTON ST. - EAST PEORIA

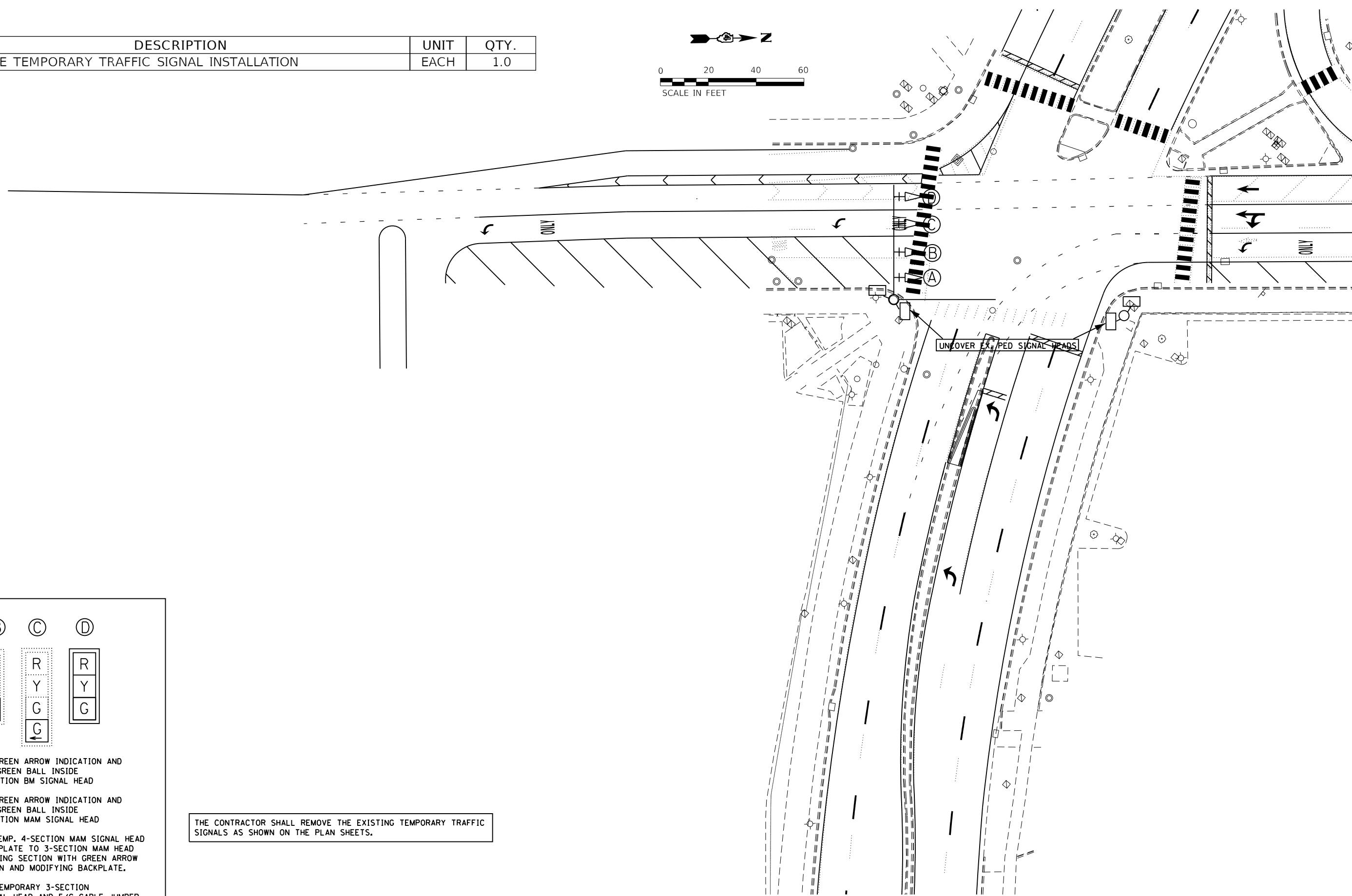
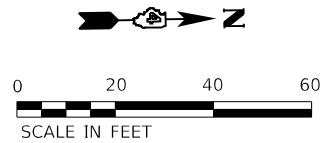
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404 (IL 40)	D4 IL 40 DETOUR RTE PREP 2020	PEORIA TAZEWELL	160	129

CONTRACT NO. 68E71

ILLINOIS FED. AID PROJECT

TRAFFIC SIGNALS
SHEET 11 OF 13
NOT TO SCALE

DESCRIPTION	UNIT	QTY.
REMOVE TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0



(A)(B)	(C)	(D)
R Y G ←	R Y G ←	R Y G

(A) REMOVE GREEN ARROW INDICATION AND INSTALL GREEN BALL INSIDE
EX. 3-SECTION BM SIGNAL HEAD

(B) REMOVE GREEN ARROW INDICATION AND INSTALL GREEN BALL INSIDE
EX. 3-SECTION MAM SIGNAL HEAD

(C) MODIFY TEMP. 4-SECTION MAM SIGNAL HEAD AND BACKPLATE TO 3-SECTION MAM HEAD BY REMOVING SECTION WITH GREEN ARROW INDICATION AND MODIFYING BACKPLATE.

(D) REMOVE TEMPORARY 3-SECTION MAM SIGNAL HEAD AND 5/C CABLE JUMPER

THE CONTRACTOR SHALL REMOVE THE EXISTING TEMPORARY TRAFFIC SIGNALS AS SHOWN ON THE PLAN SHEETS.

TRAFFIC SIGNALS
SHEET 12 OF 13

NOT TO SCALE

MODEL: SMOBELNAMES
FILE: SMOBELNAMES.DWG

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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -
PLOT DATE = \$DATE\$	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**REMOVAL OF TEMPORARY TRAFFIC SIGNALS
IL 40 (KUMPF BLVD.) & JEFFERSON ST.**

F.A.P. RTE. 404 (IL 40)	SECTION D4 IL 40 DETOUR RTE PREP 2020	COUNTY PEORIA TAZEWELL	TOTAL SHEETS 160	SHEET NO. 130
CONTRACT NO. 68E71			ILLINOIS FED. AID PROJECT	

SCALE: SHEET OF SHEETS STA. TO STA.

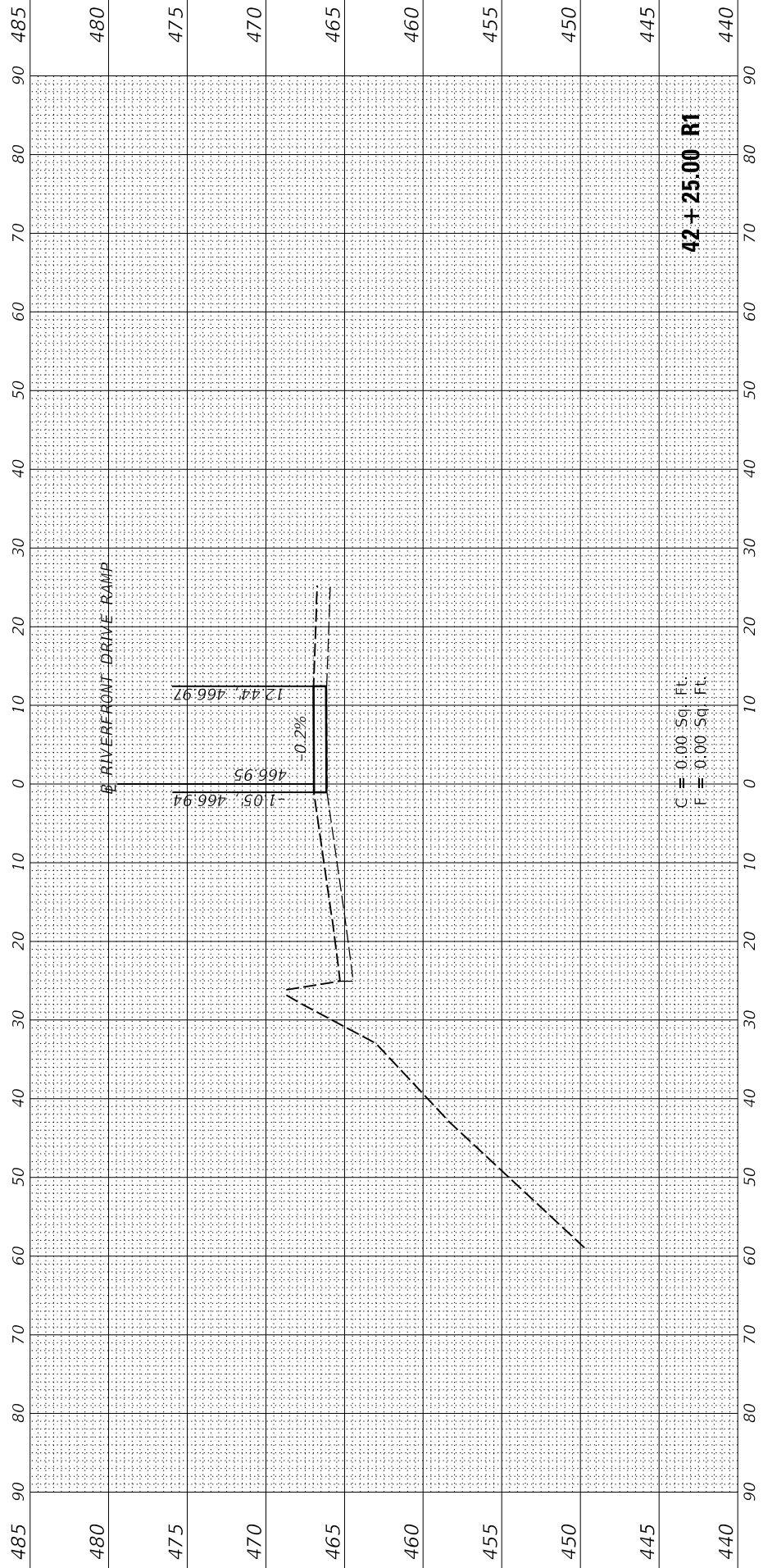
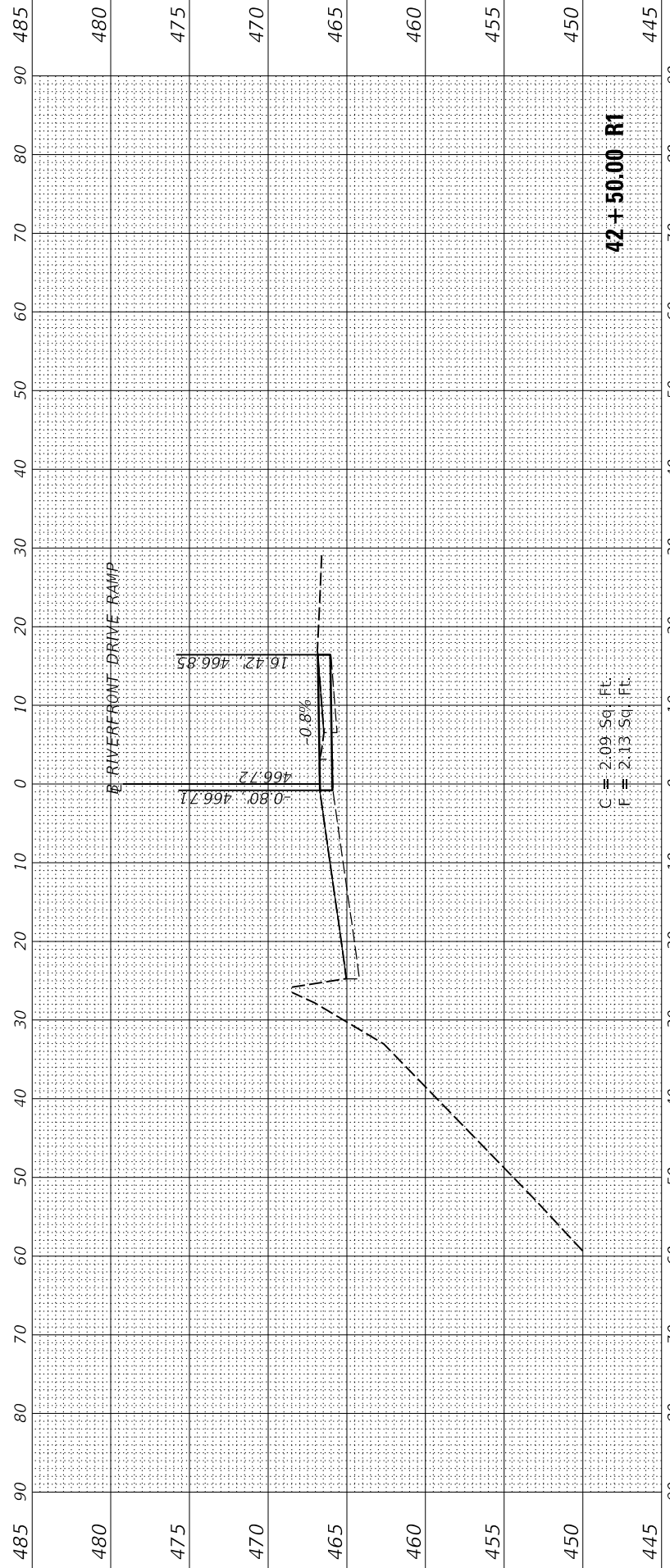
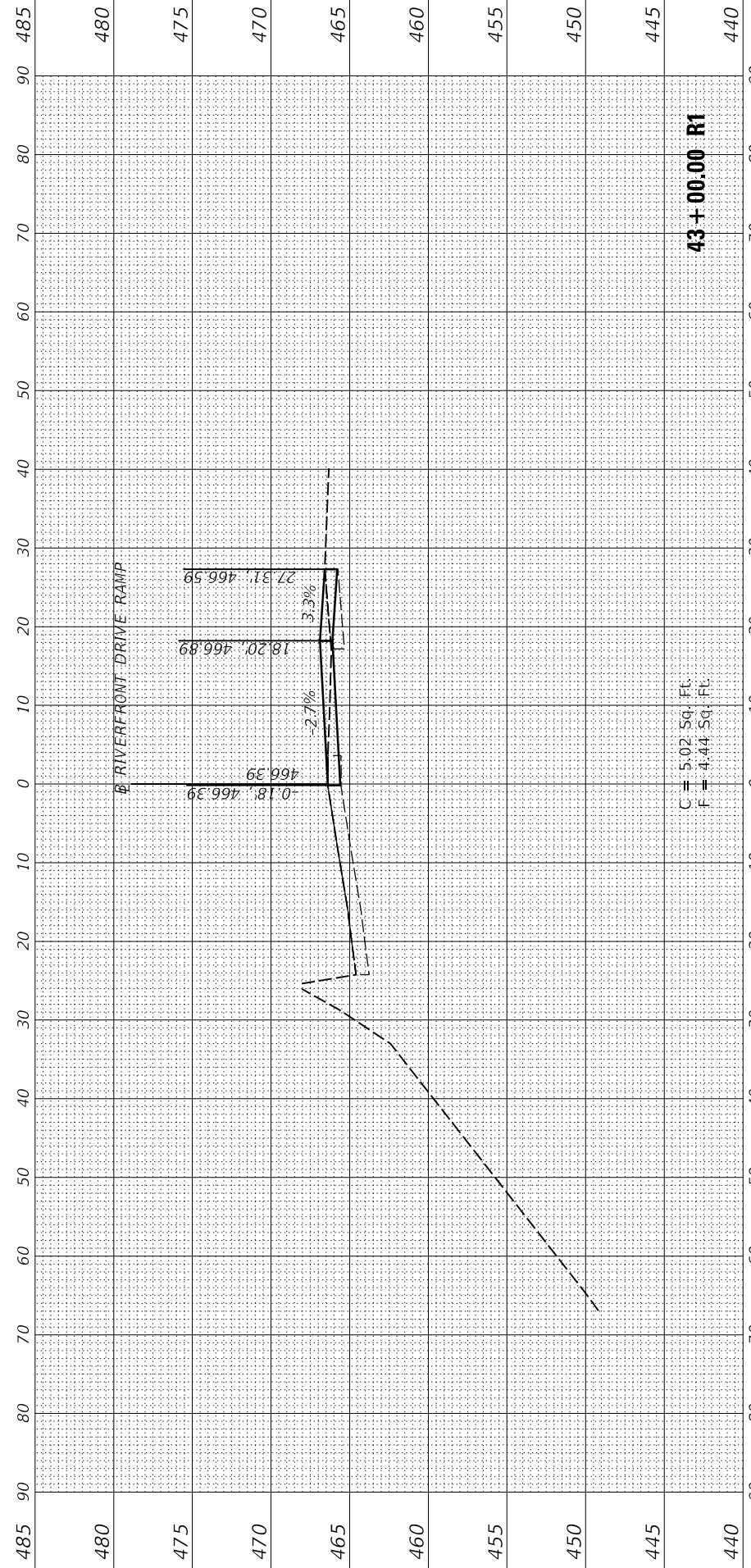
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BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED
BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1\748
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USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISIONS	REVISED	-
REVISIONS	REVISED	-
REVISIONS	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	1"=10'		
SHEET	OF	SHEETS	STA. 42+25.40 R1 TO STA. 43+00.00 R1

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)

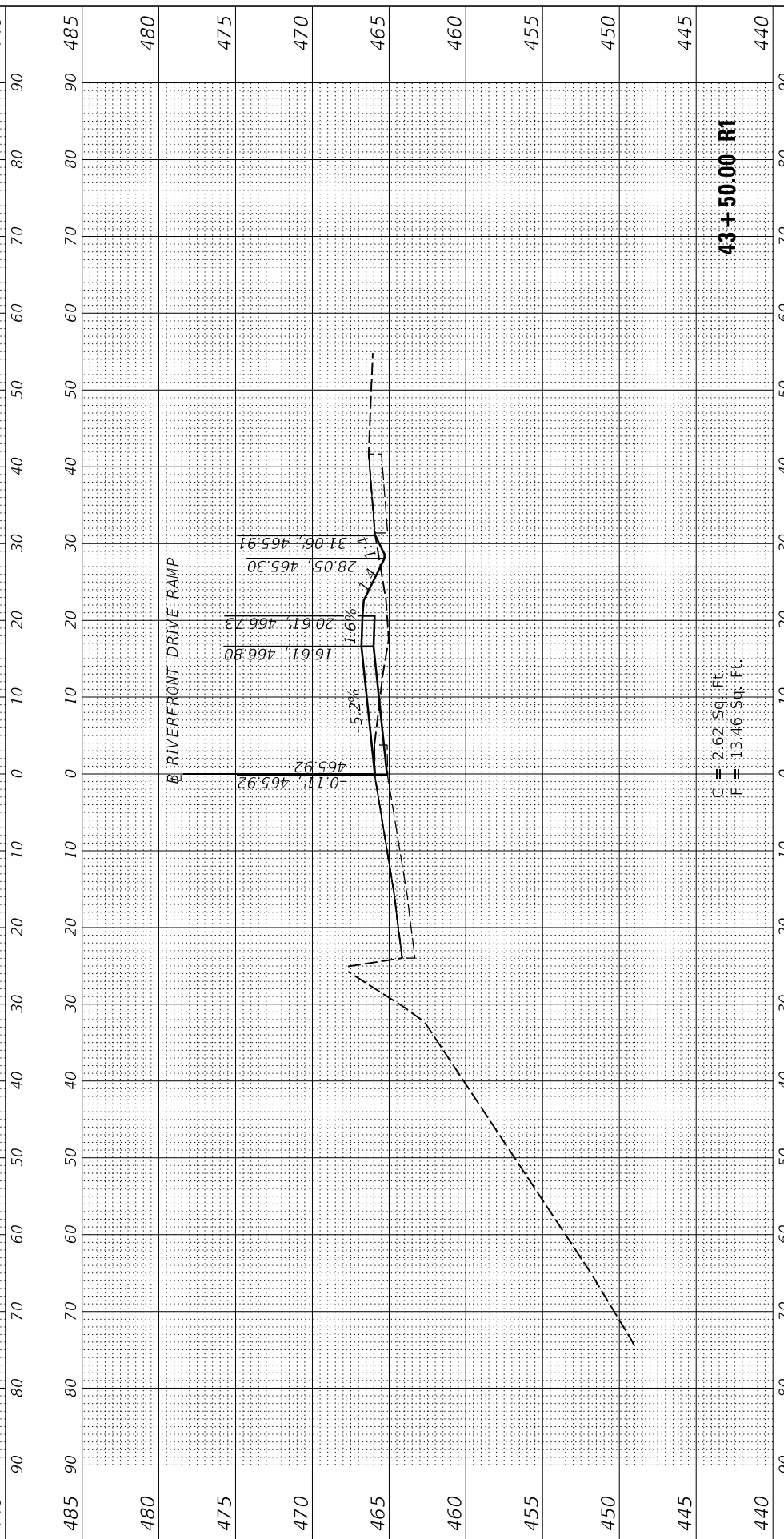
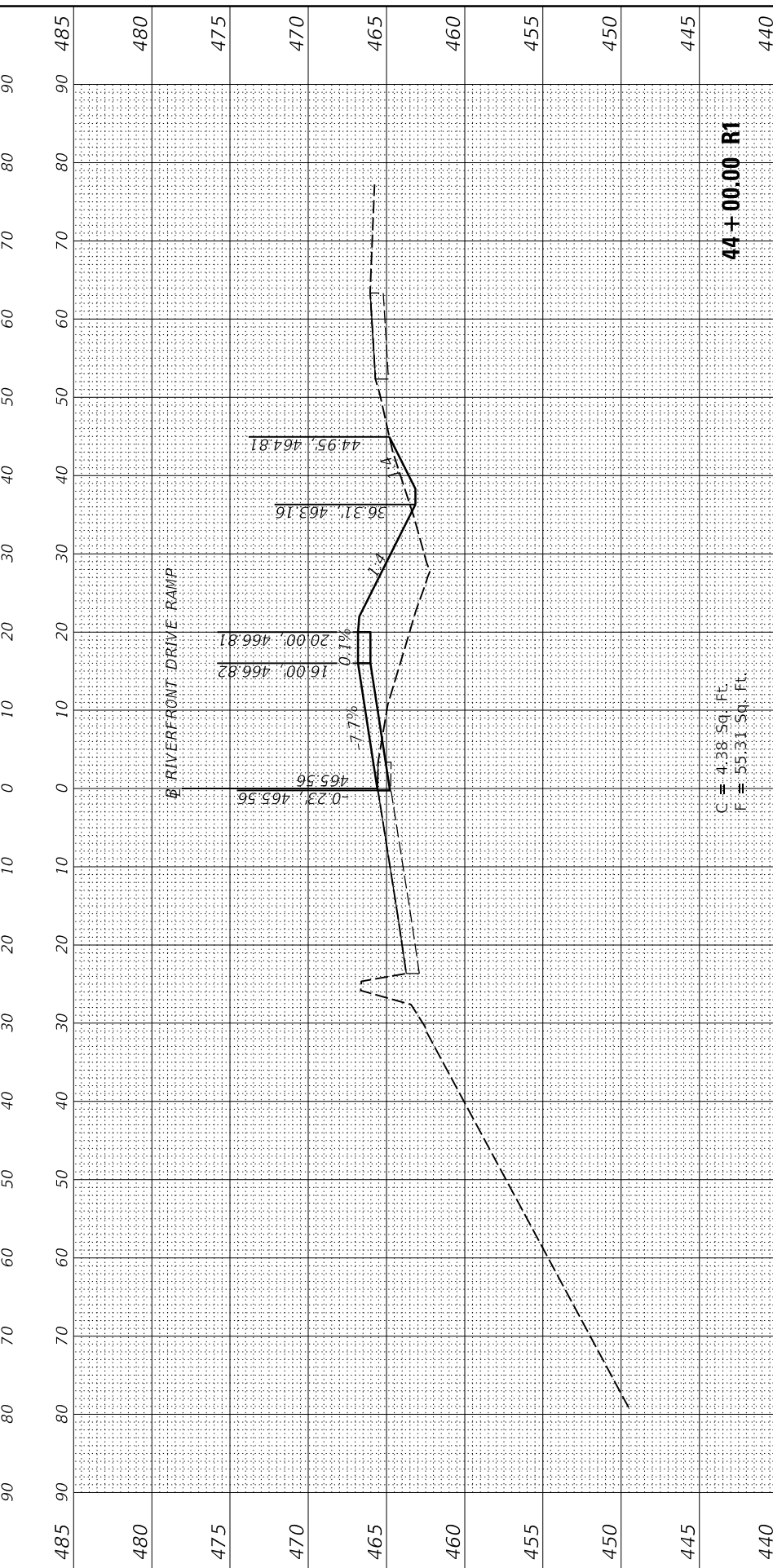
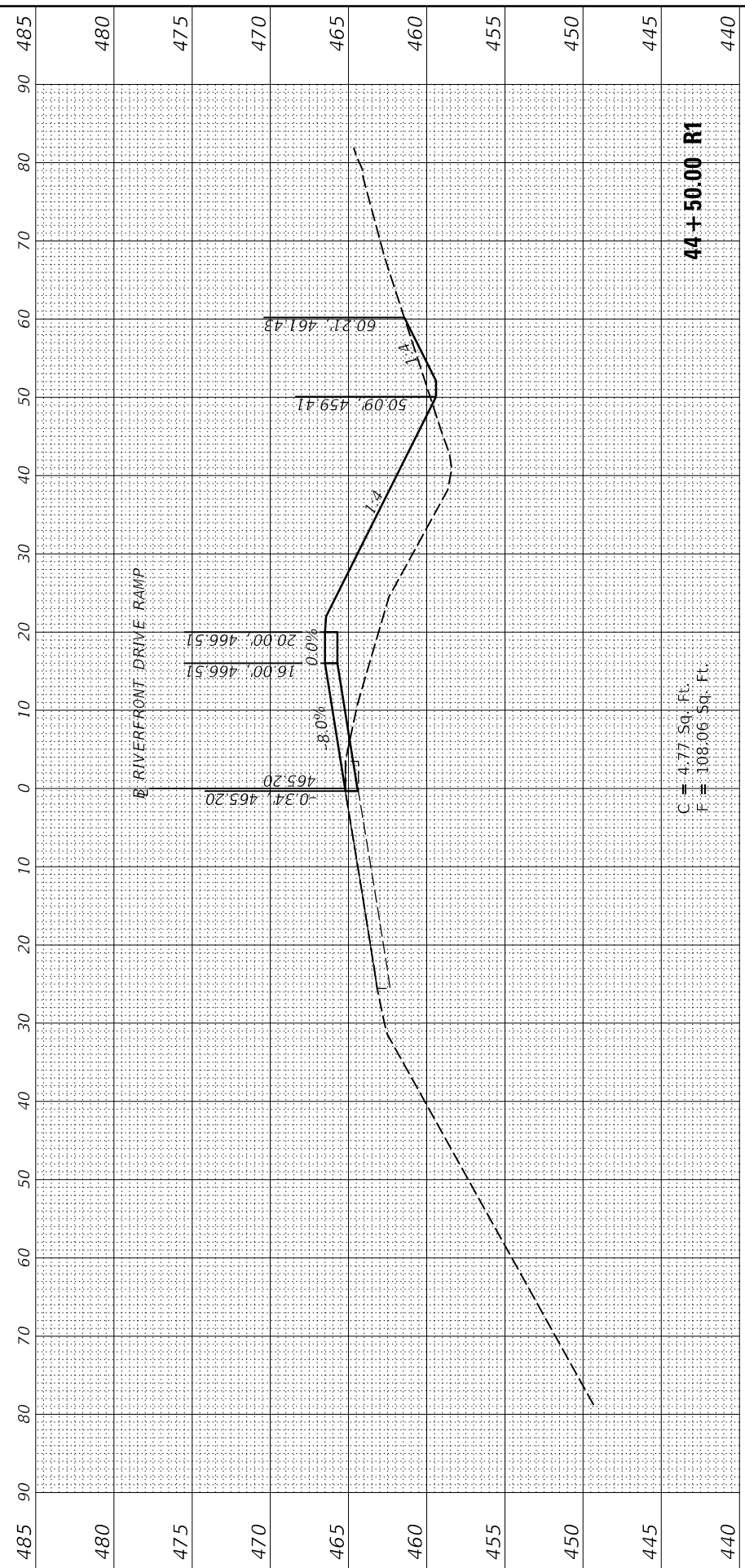
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	132
CONTRACT NO.			68E71	
ILLINOIS			FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED BY	DATE



ORIGINAL SURVEY NO.	SURVEYED BY	DATE

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DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019
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DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)**

SCALE: 1"=10' SHEET OF SHEETS STA. 43+50.00 R1 TO STA. 44+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	133
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

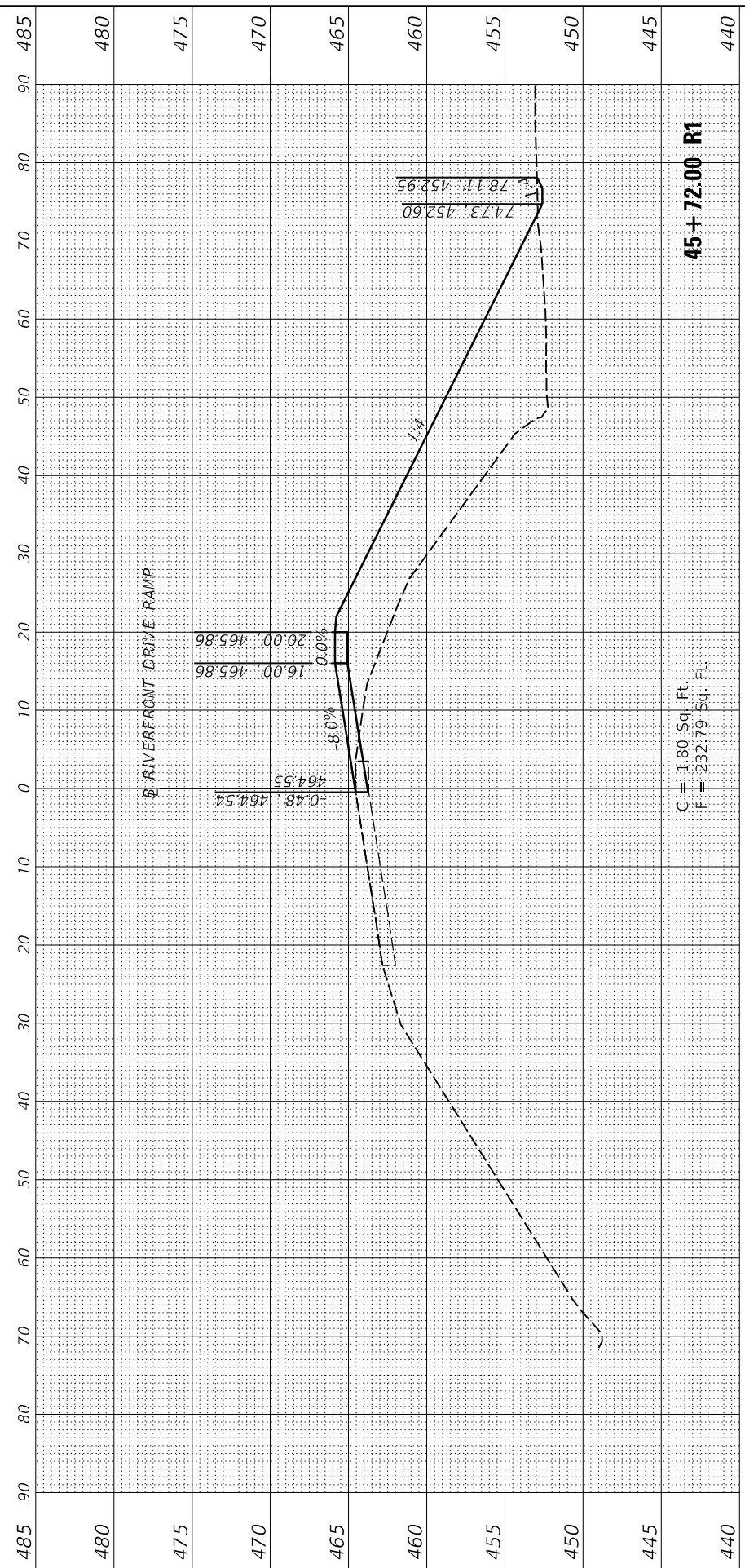
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NO.	TEMPLATE		
	AREAS CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
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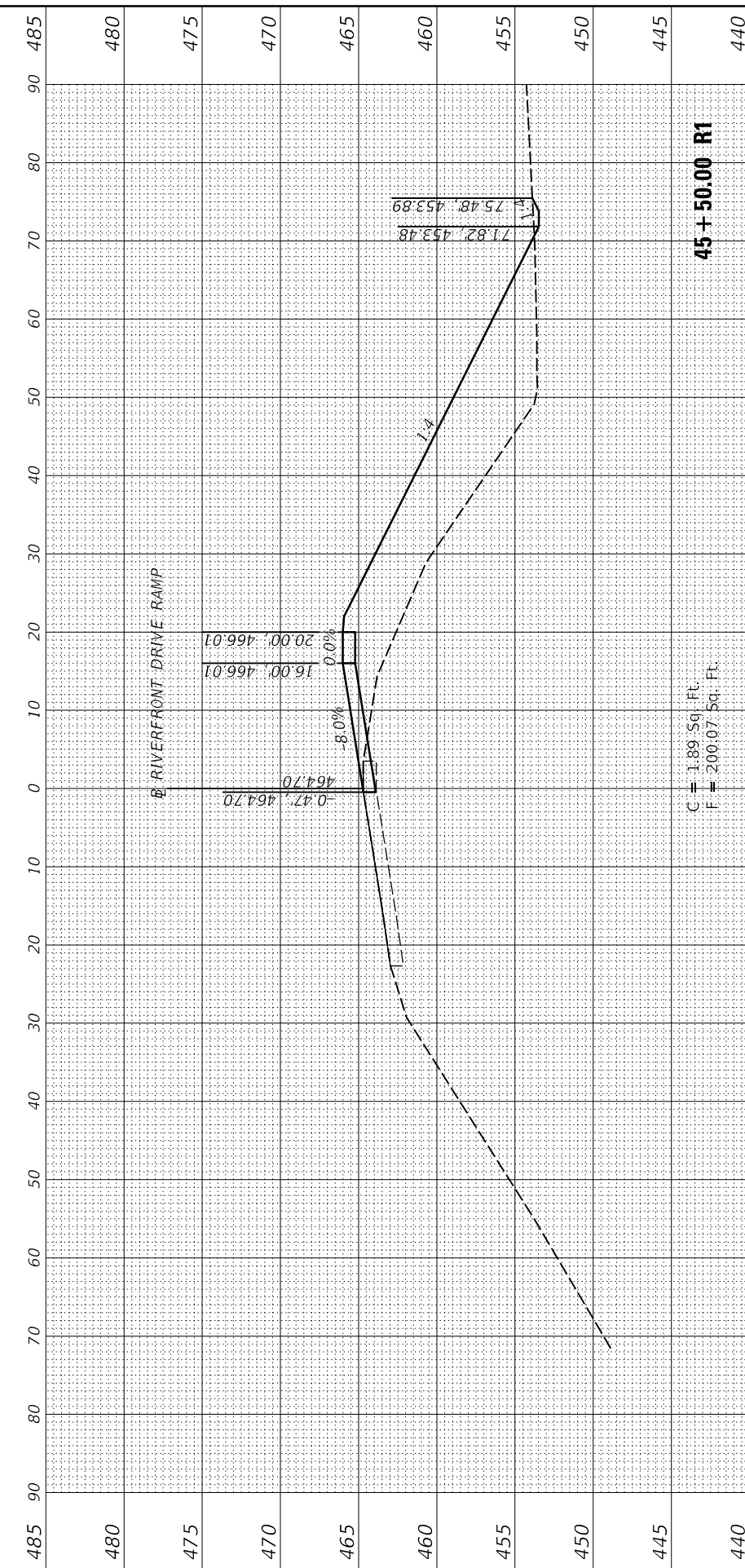
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REVIEWED	MGD	3/20/2019

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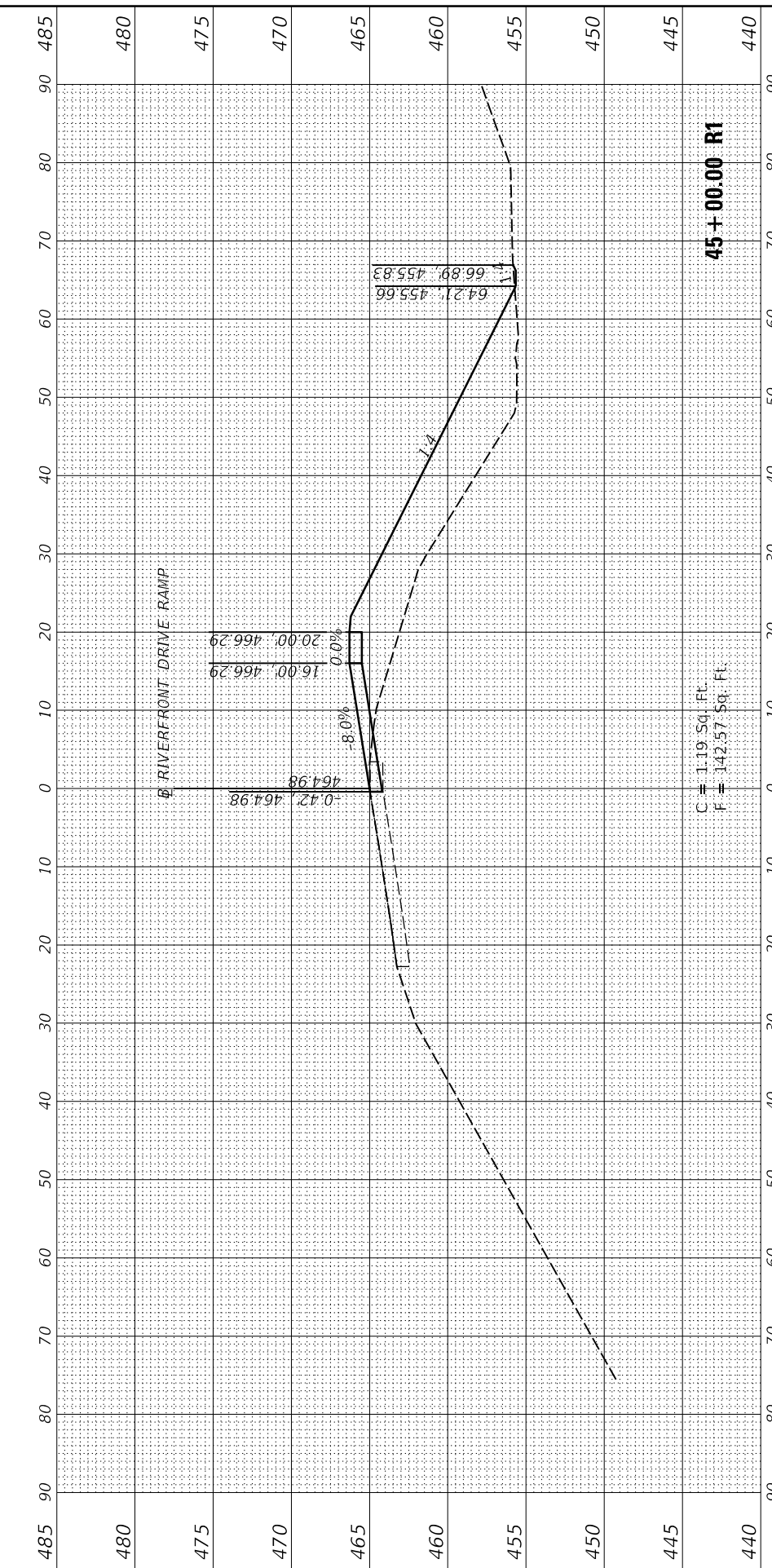
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F = 232.79 Sq. Ft.

45+72.00 R1



C = 1.89 Sq. Ft.
F = 200.07 Sq. Ft.

45+50.00 R1



C = 1.19 Sq. Ft.
F = 142.57 Sq. Ft.

45+00.00 R1



USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
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CHECKED	-	MGD
DATE	-	3/21/2019

REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)
SCALE: 1"=10'
SHEET OF SHEETS STA. 45+00.00 R1 TO STA. 45+72.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	134
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

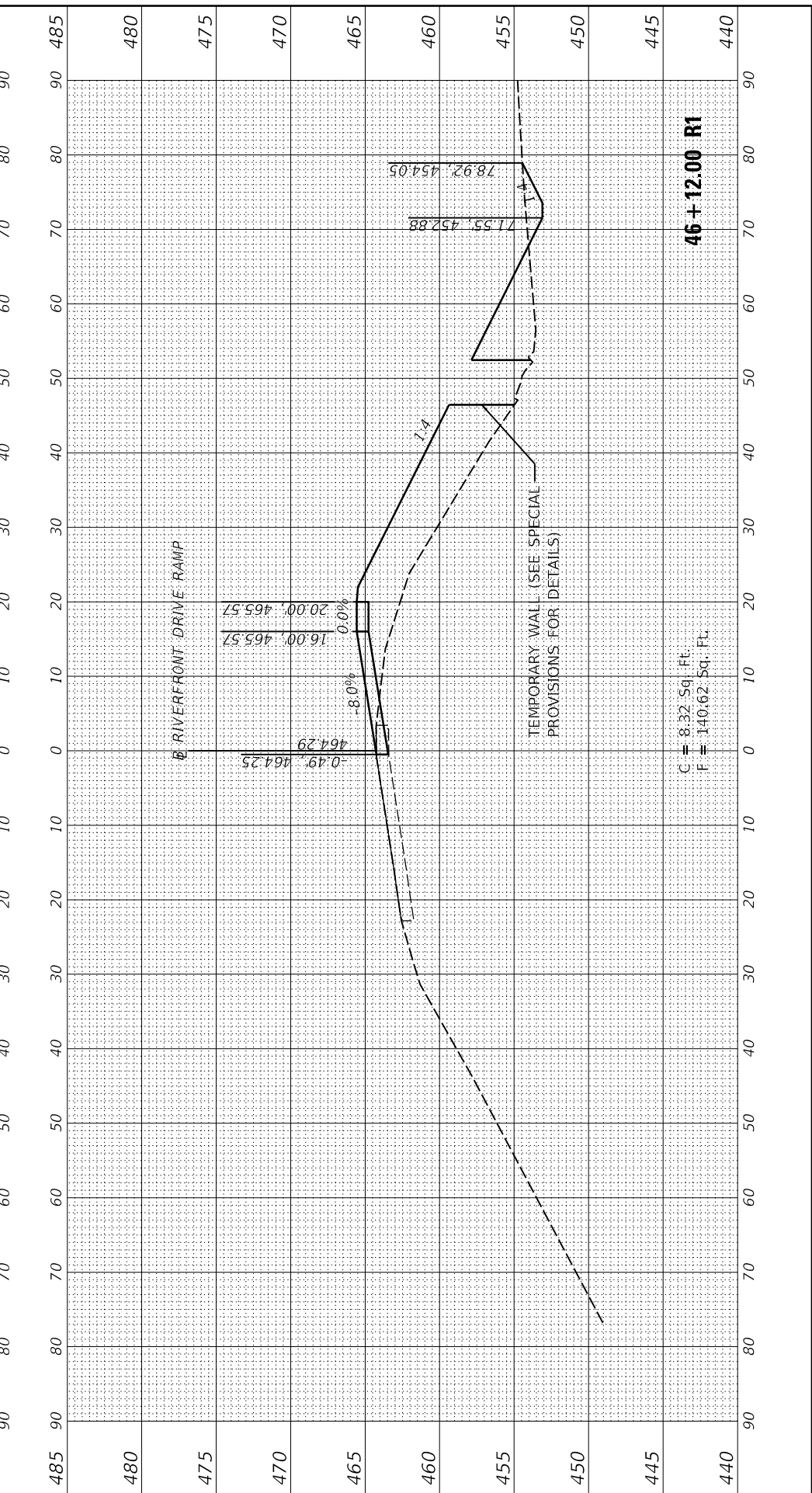
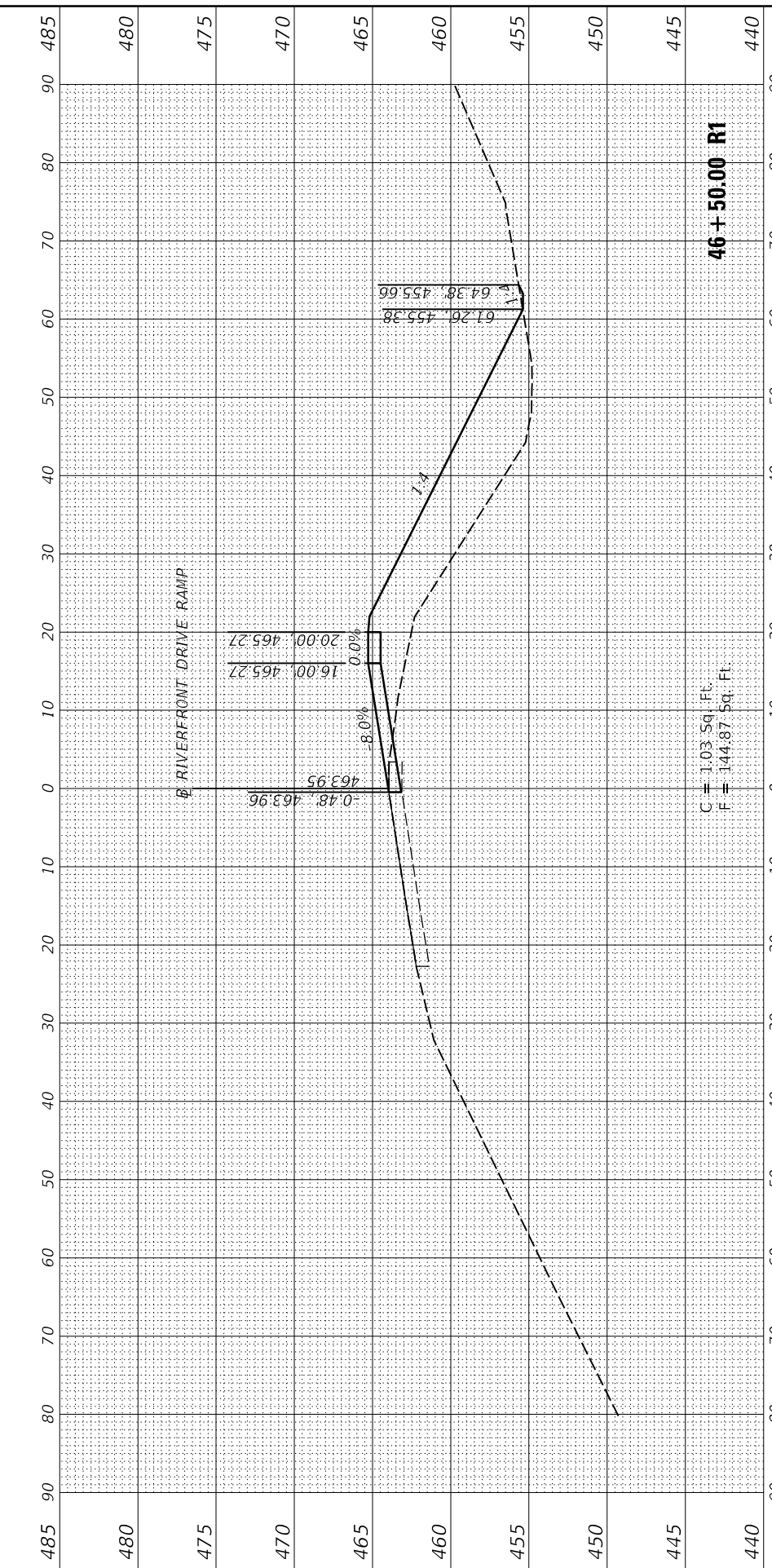
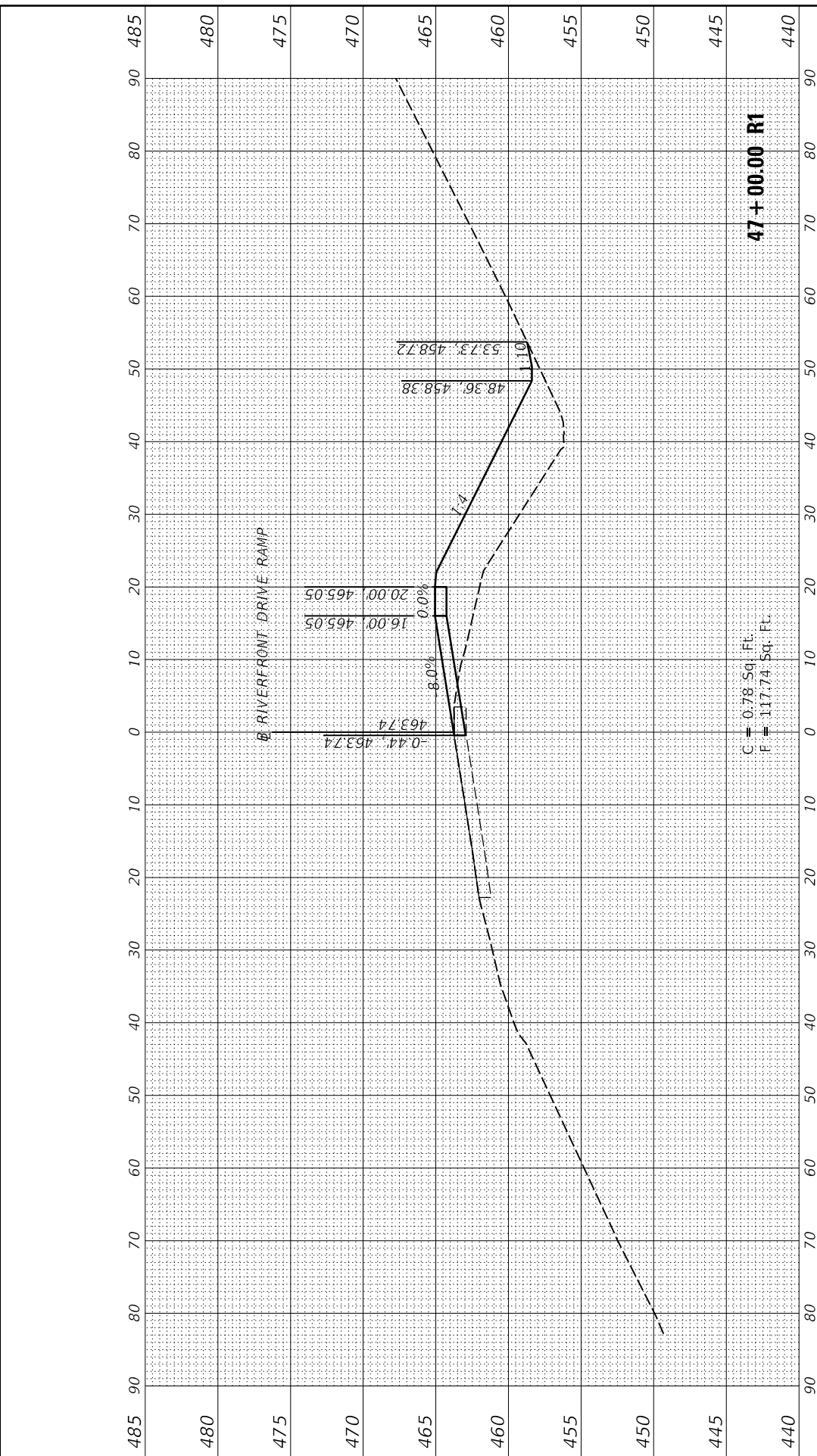
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
AREAS CHECKED	TEMPLATE		
NO.	AREAS CHECKED		



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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1\748
FILE NAME: B:\748\17\H0085\CAD\Road\Sheet\Phase II - East Pointe Plans\468E7-3-11c-cc-473-Stage1.dgn



USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISIONS	NO.	DESCRIPTION
REVISIONS	NO.	DESCRIPTION
REVISIONS	NO.	DESCRIPTION

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)**

SCALE: 1"=10' SHEET OF SHEETS STA. 46+00.00 R1 TO STA. 47+00.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	135
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

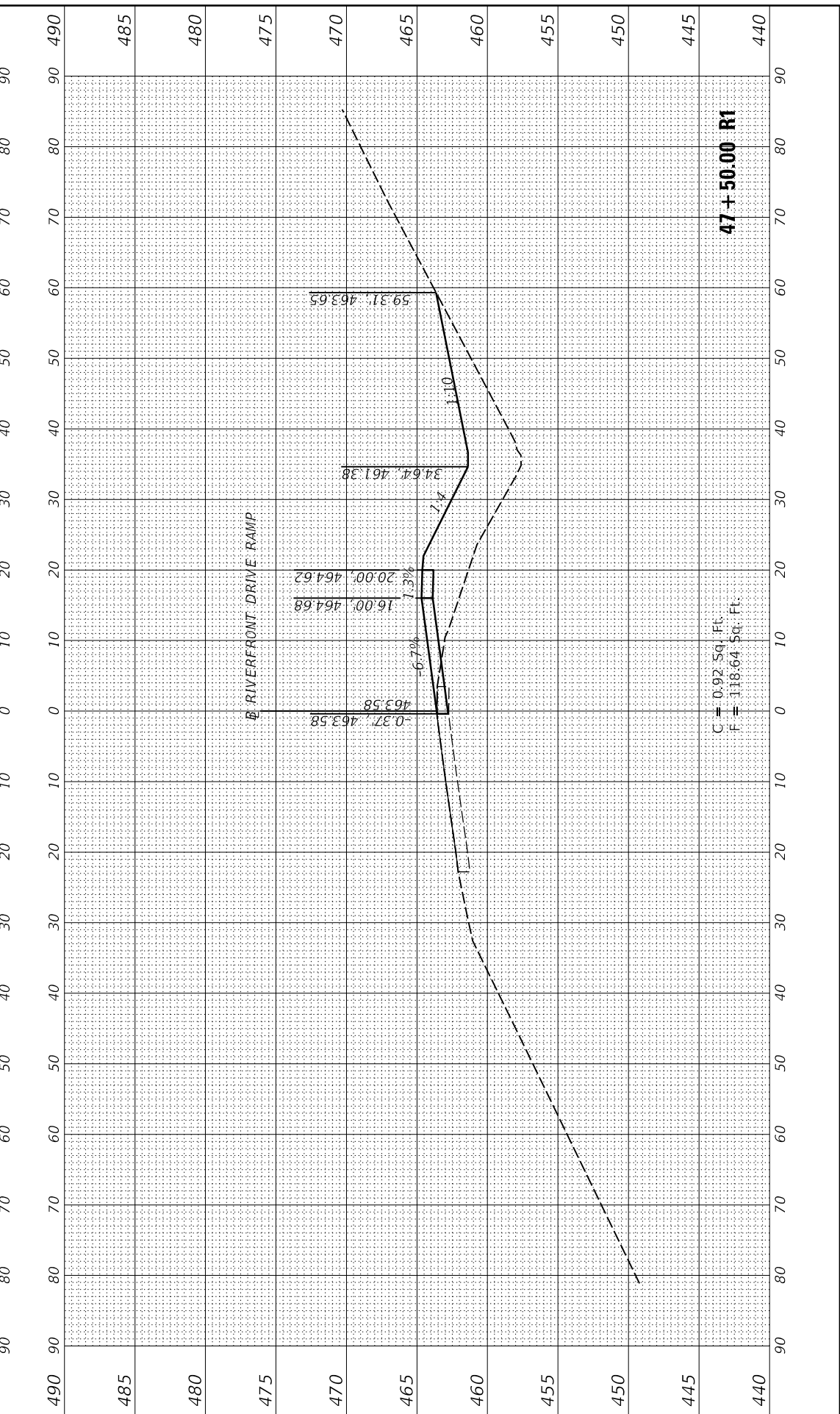
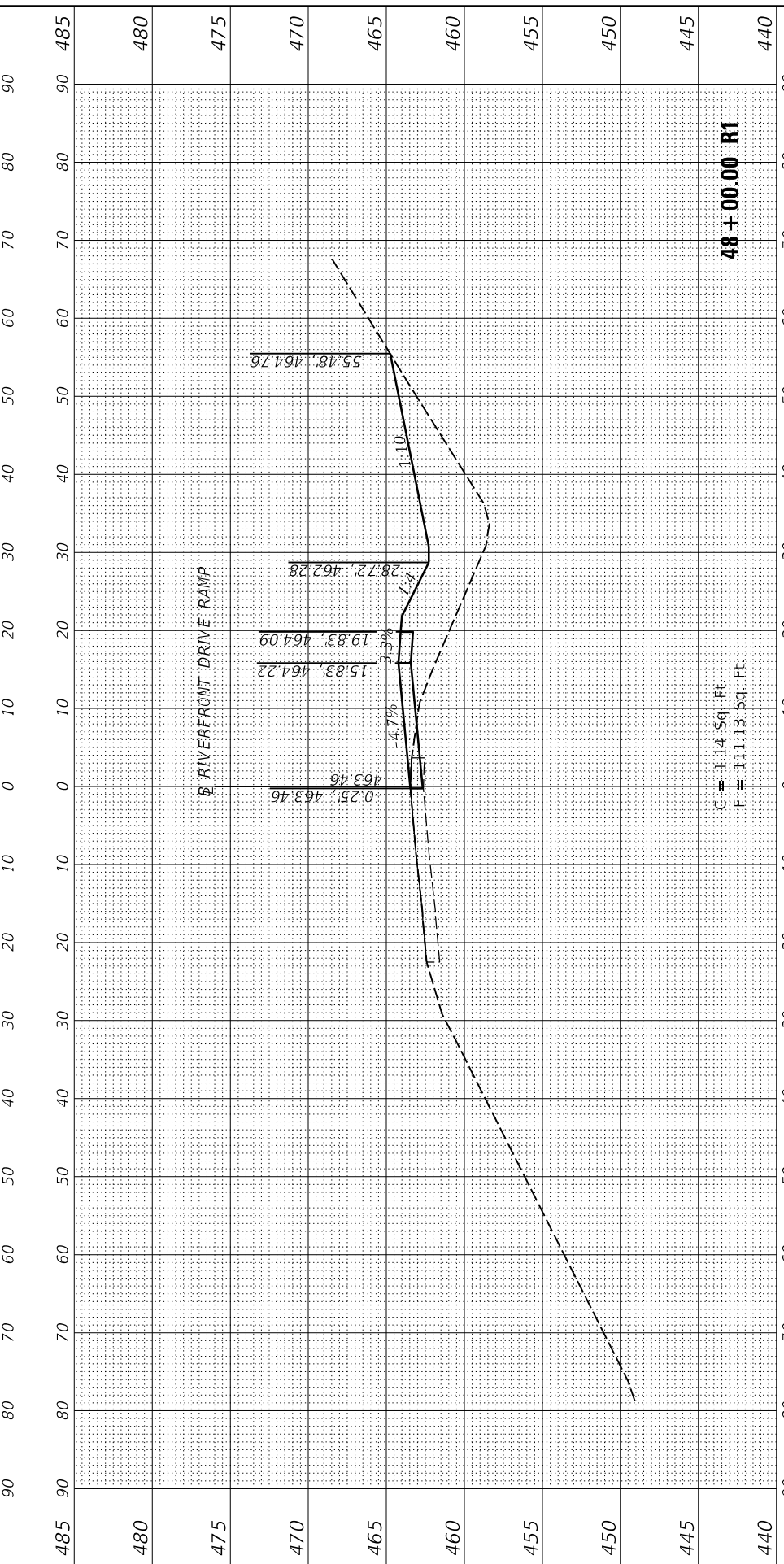
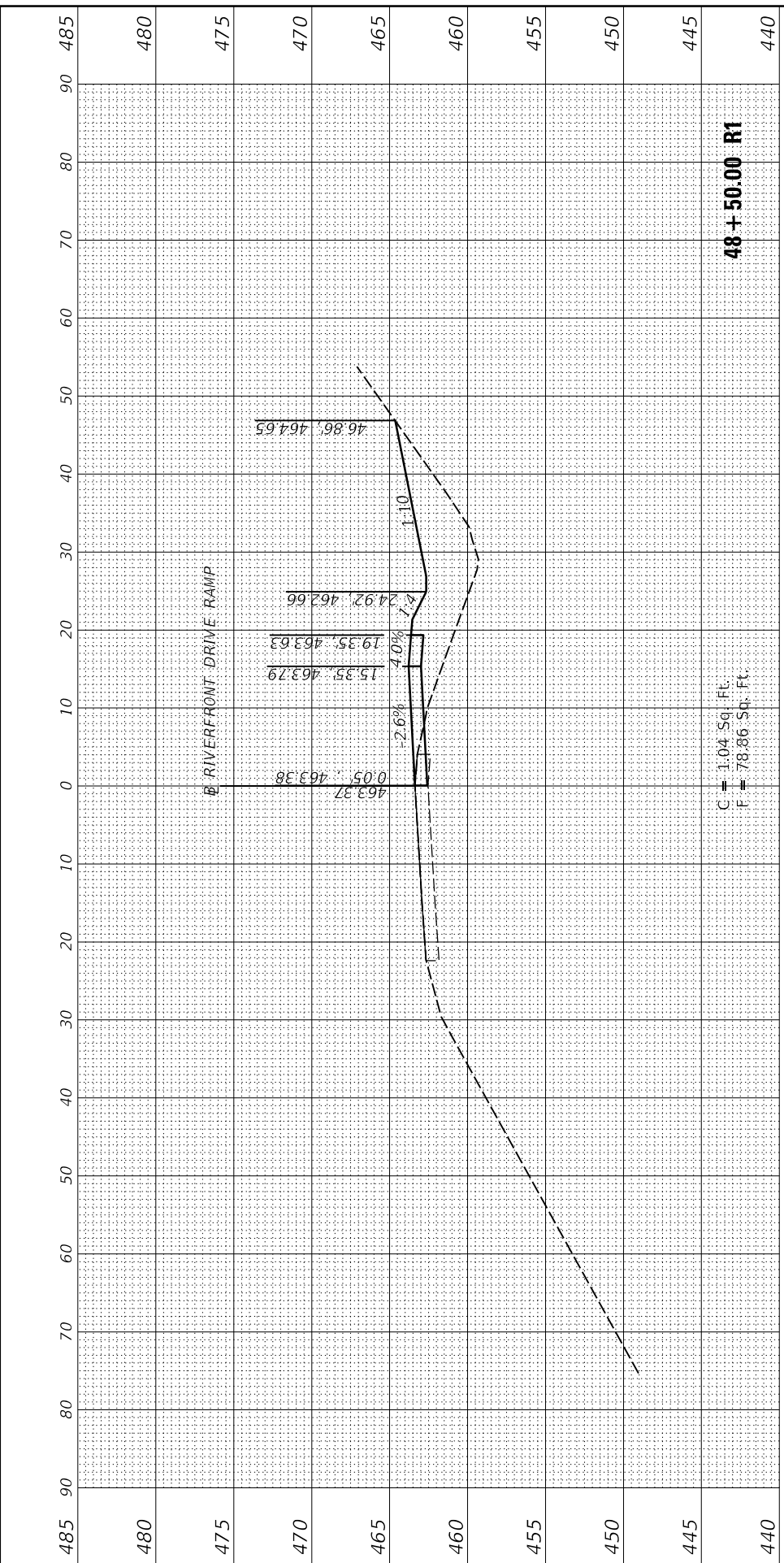
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1.L74B
FILE NAME: BU708117\H0085\CAD\Road\Sheet\Phase II - East Pointe Plans\48R1-1-1113-5q.dwg



USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISÉD	-
REVISÉD	-
REVISÉD	-
REVISÉD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)
SCALE: 1"=10'
SHEET OF SHEETS STA. 47+50.00 R1 TO STA. 48+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	136
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

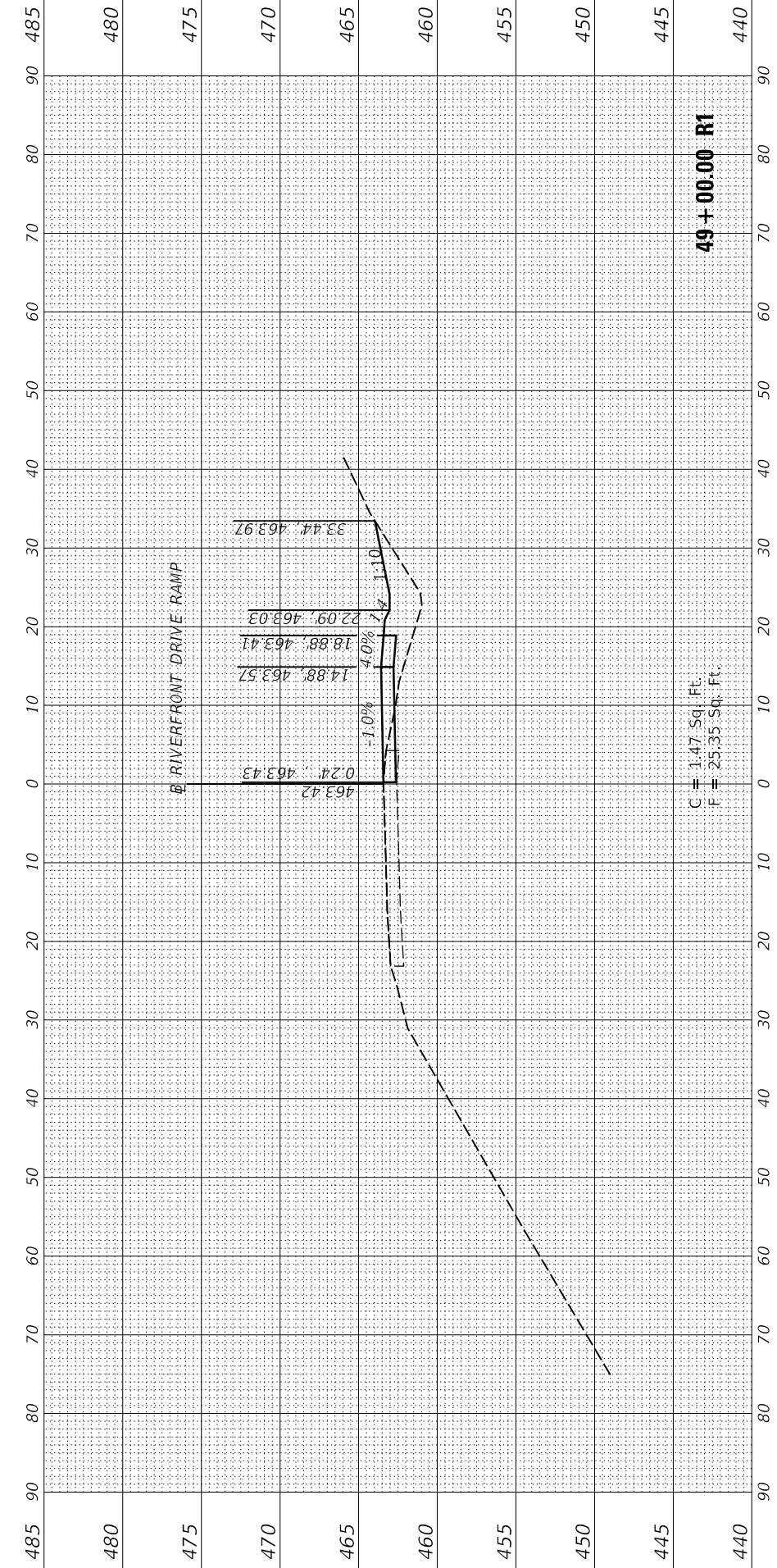
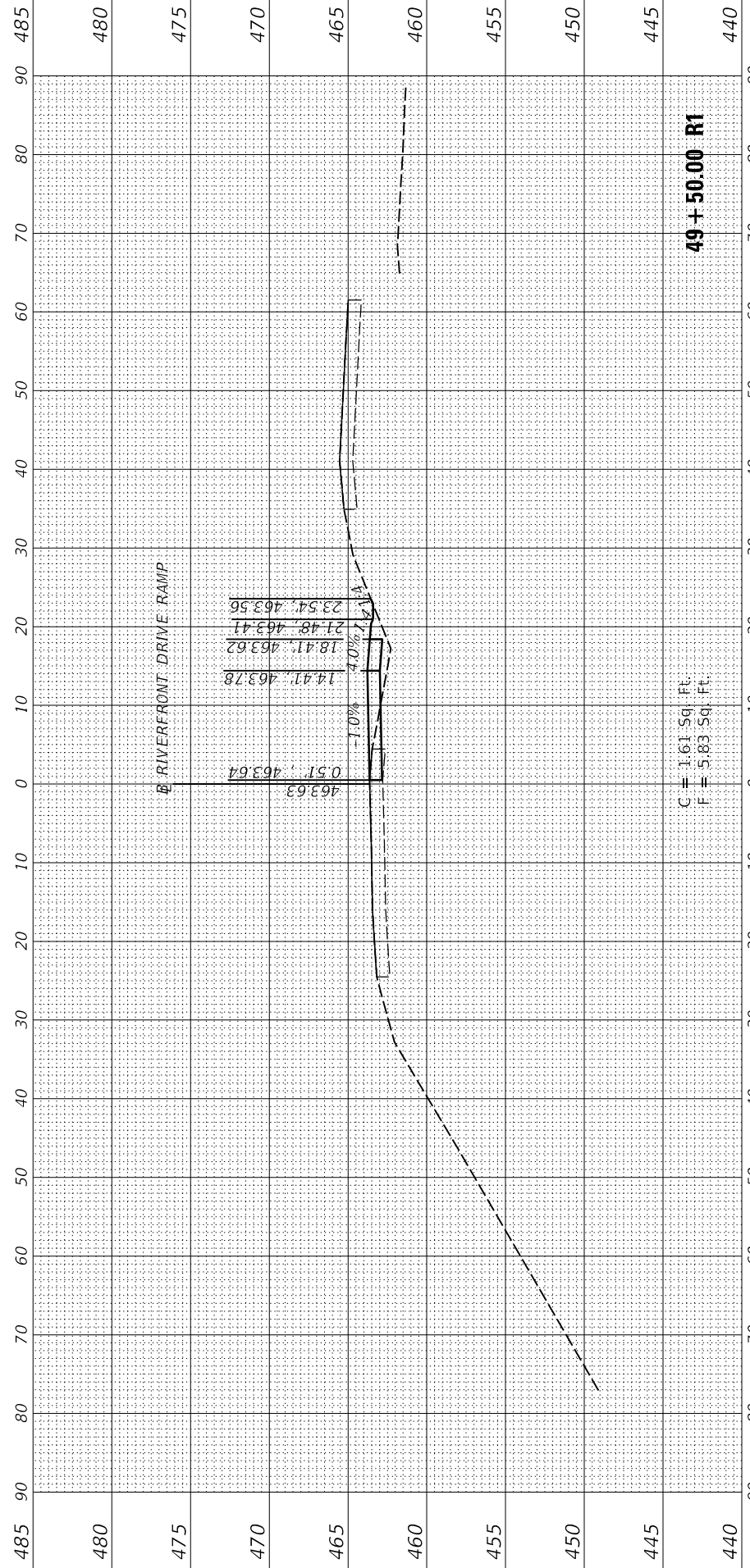
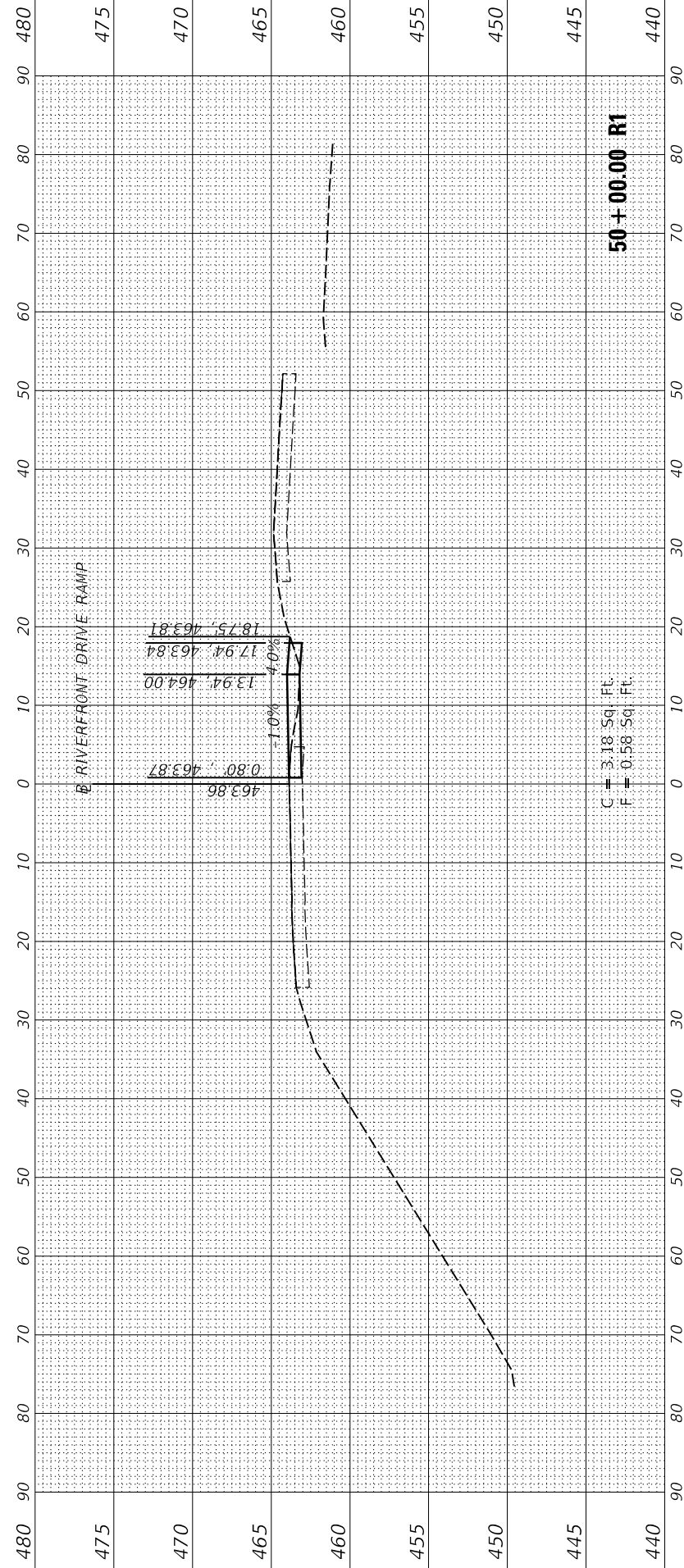
FINAL SURVEY	SURVEYED	BY	DATE
NO.	AREAS CHECKED		
	PLOTTED		
	TEMPLATE		
	NOTE BOOK		



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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1.L74B
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USER NAME	= Ander00846	DESIGNED	- BAB	REVISED	-
DESIGNED	- BAB	DRAWN	- CAD	REVISED	-
DRAWN	- CAD	CHECKED	- MGD	REVISED	-
REVIEWED	- MGD	DATE	- 3/21/2019	REVISED	-

PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)
SCALE: 1"=10'
SHEET OF SHEETS STA. 49+00.00 R1 TO STA. 50+00.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	137
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1.L74B
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USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

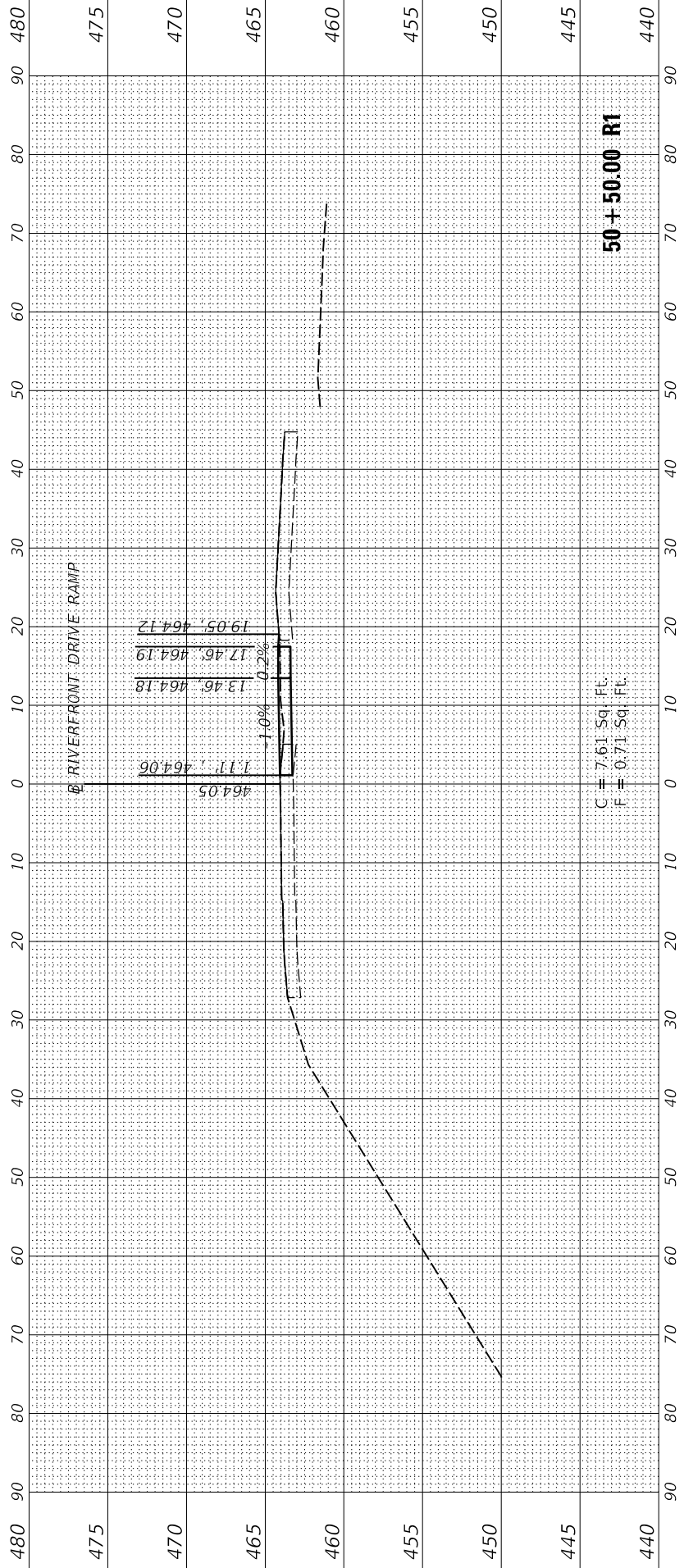
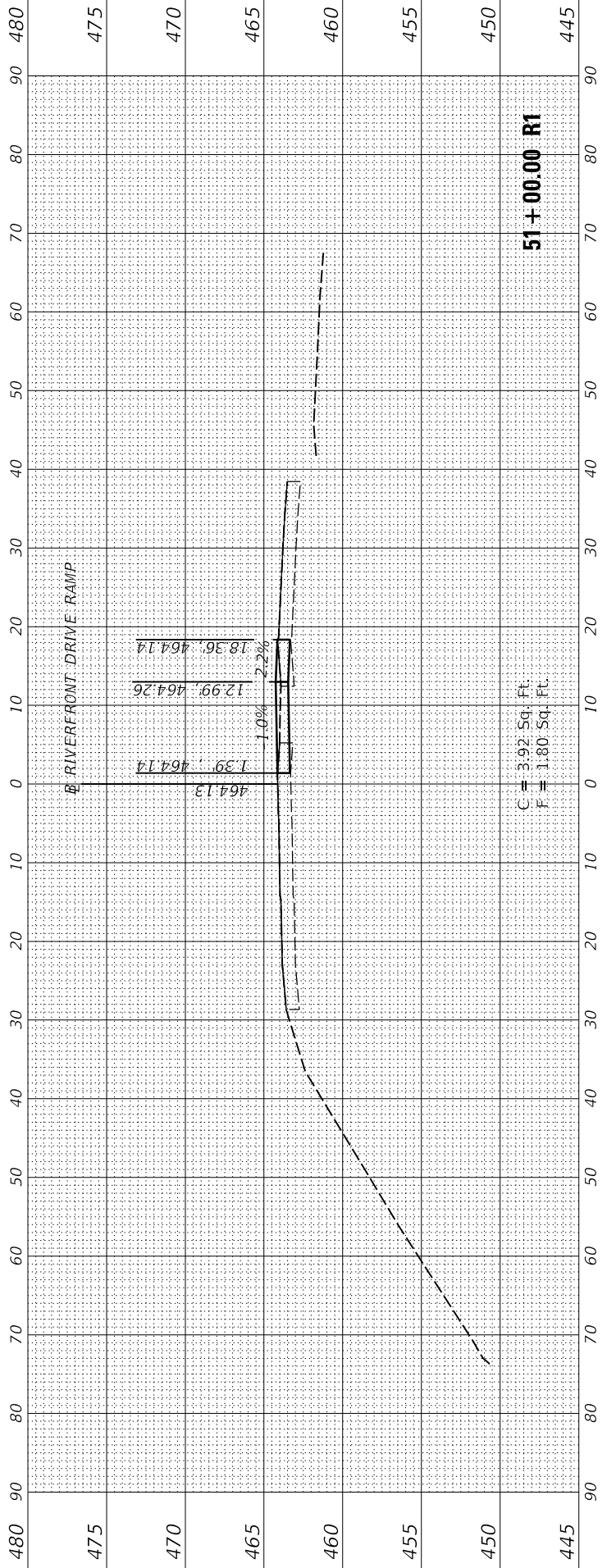
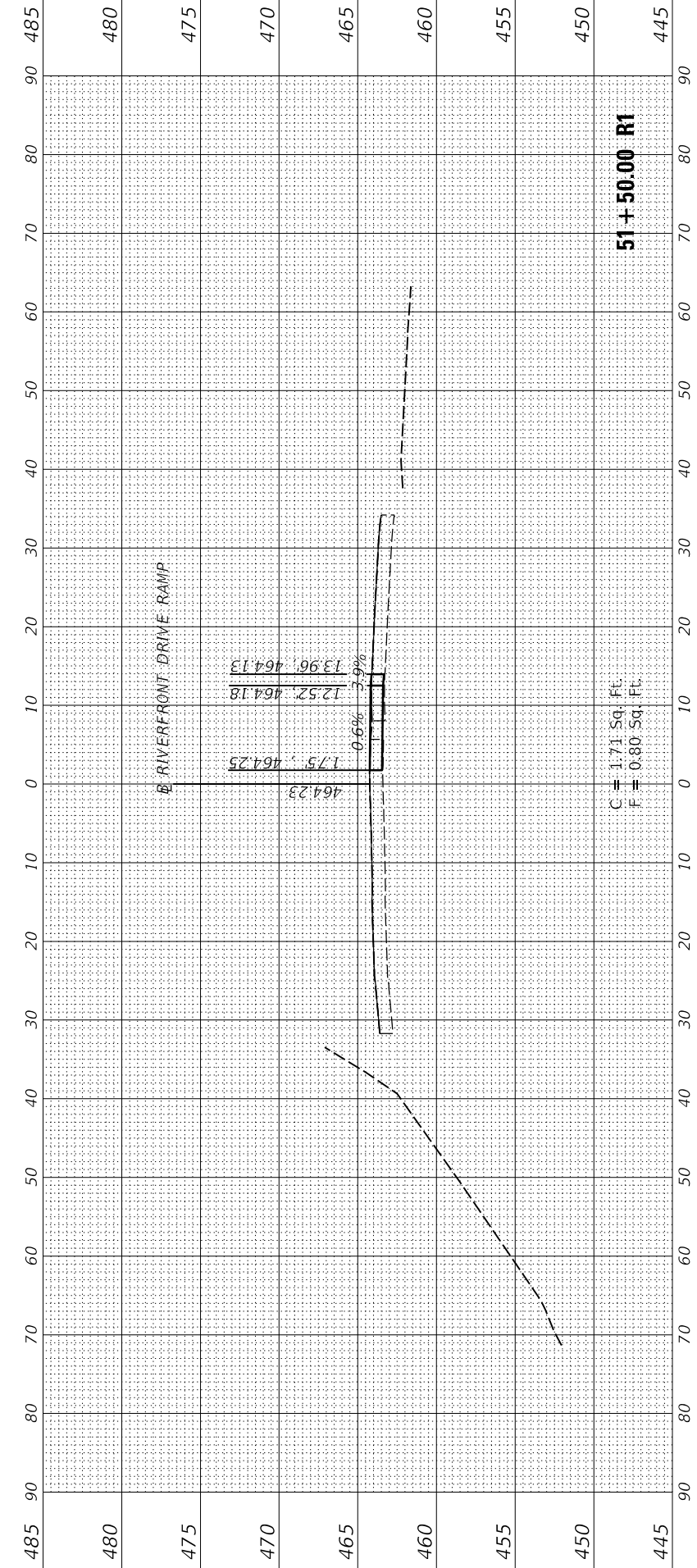
REVISÉD	-
REVISÉD	-
REVISÉD	-
REVISÉD	-

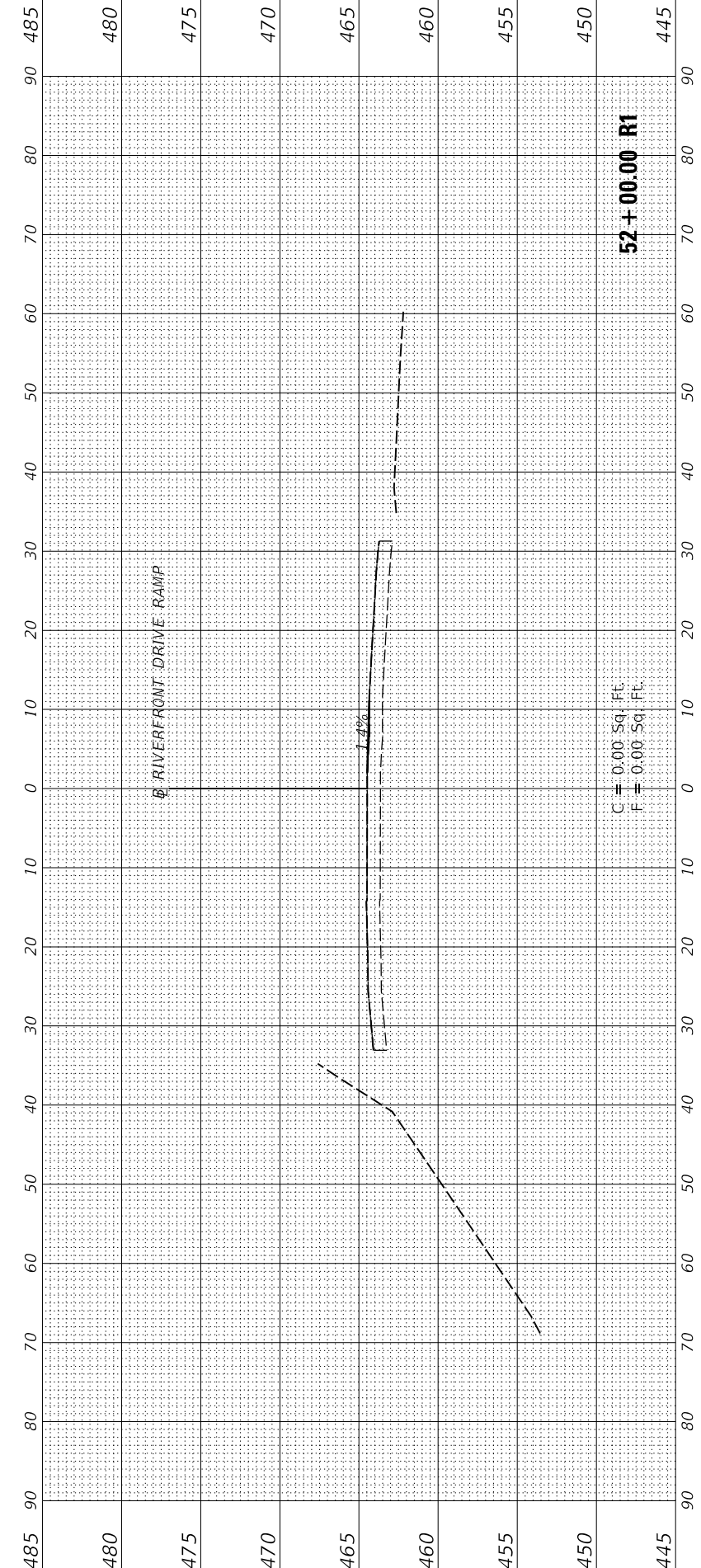
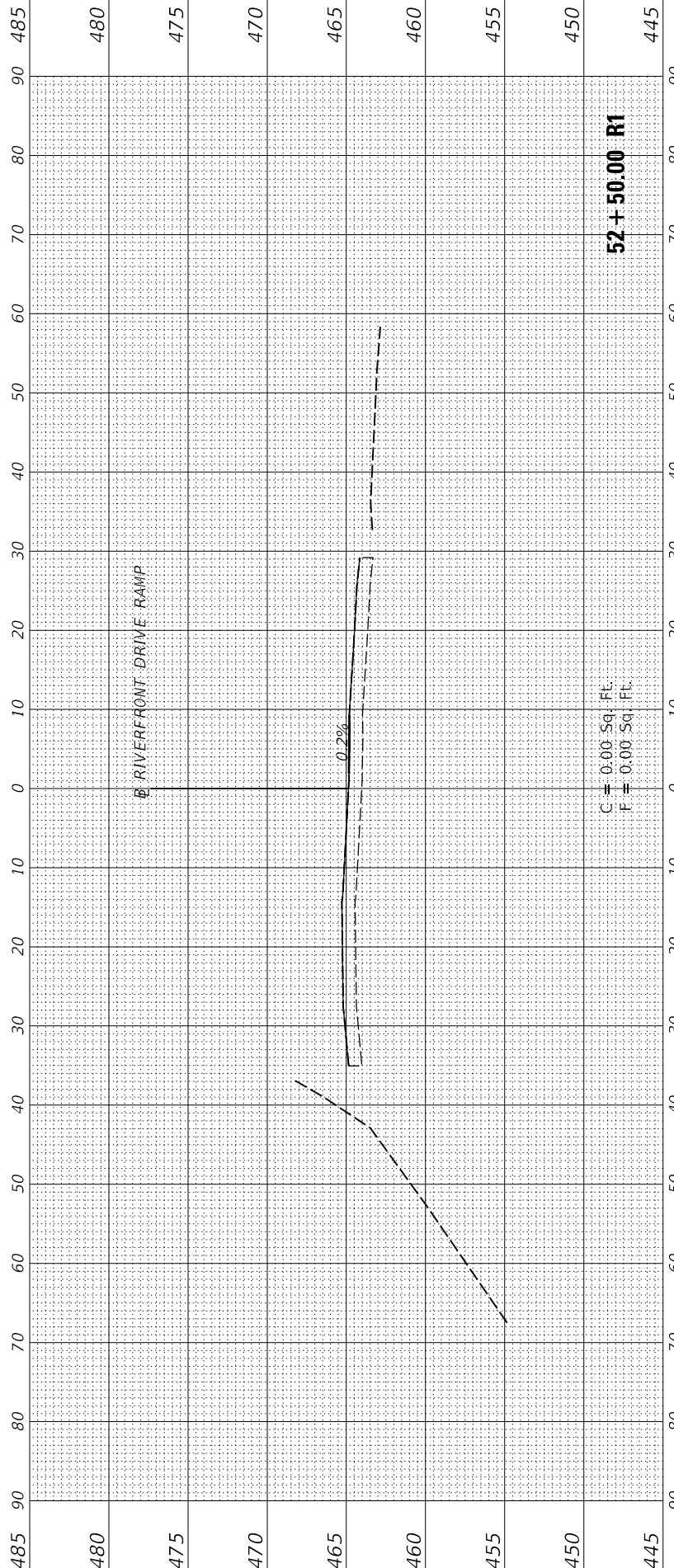
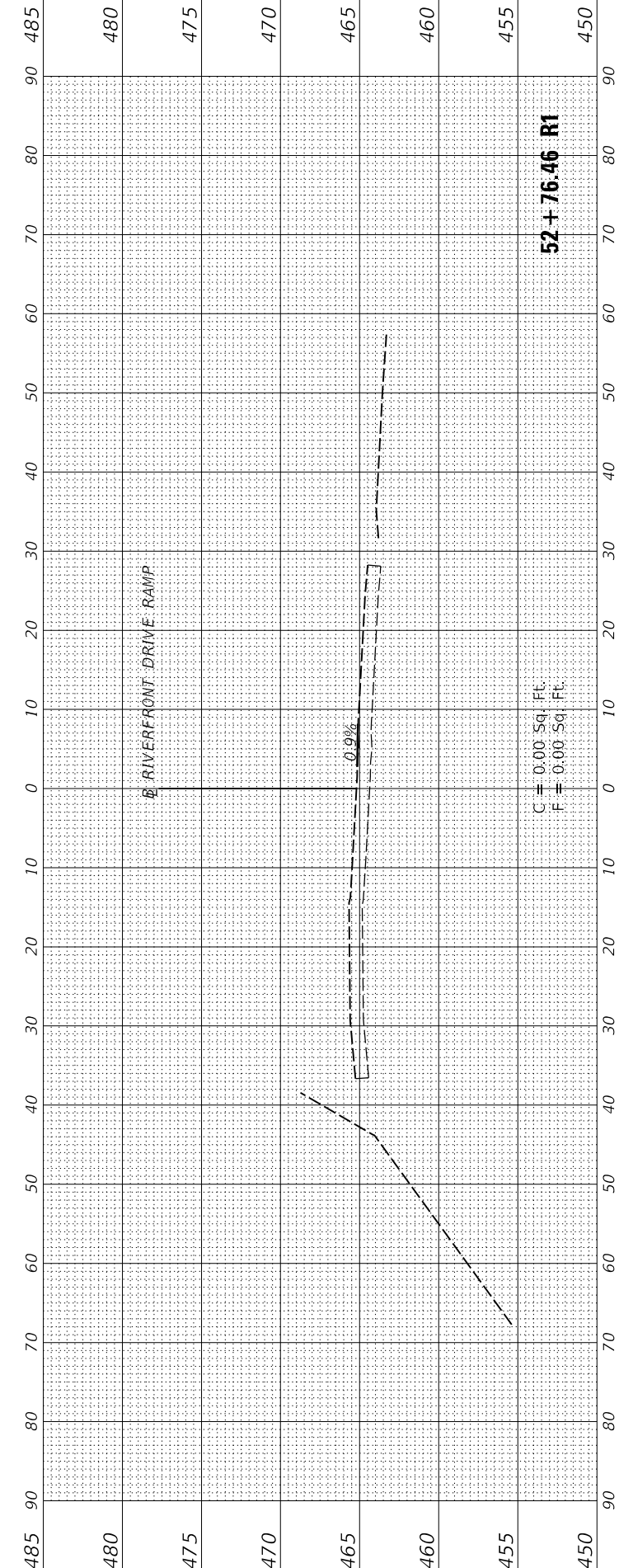
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP (STAGE 1)**

SCALE: 1"=10' SHEET OF SHEETS STA. 50+50.00 R1 TO STA. 51+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	138
CONTRACT NO.			68E71	
ILLINOIS			FED. AID PROJECT	





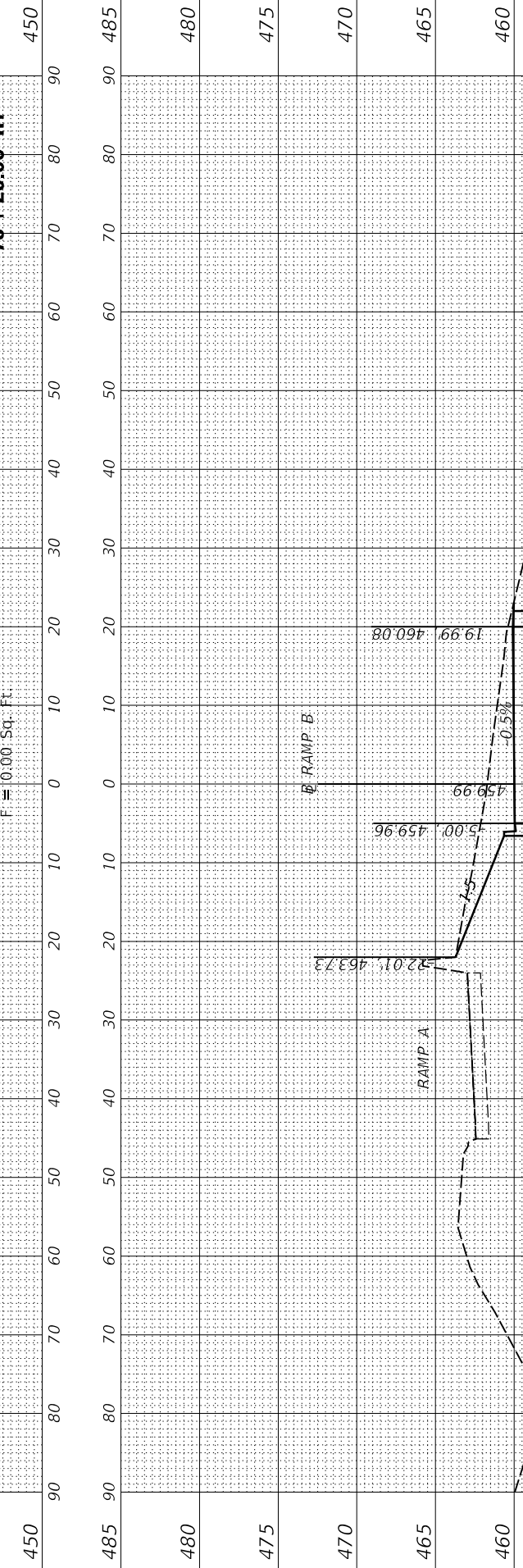
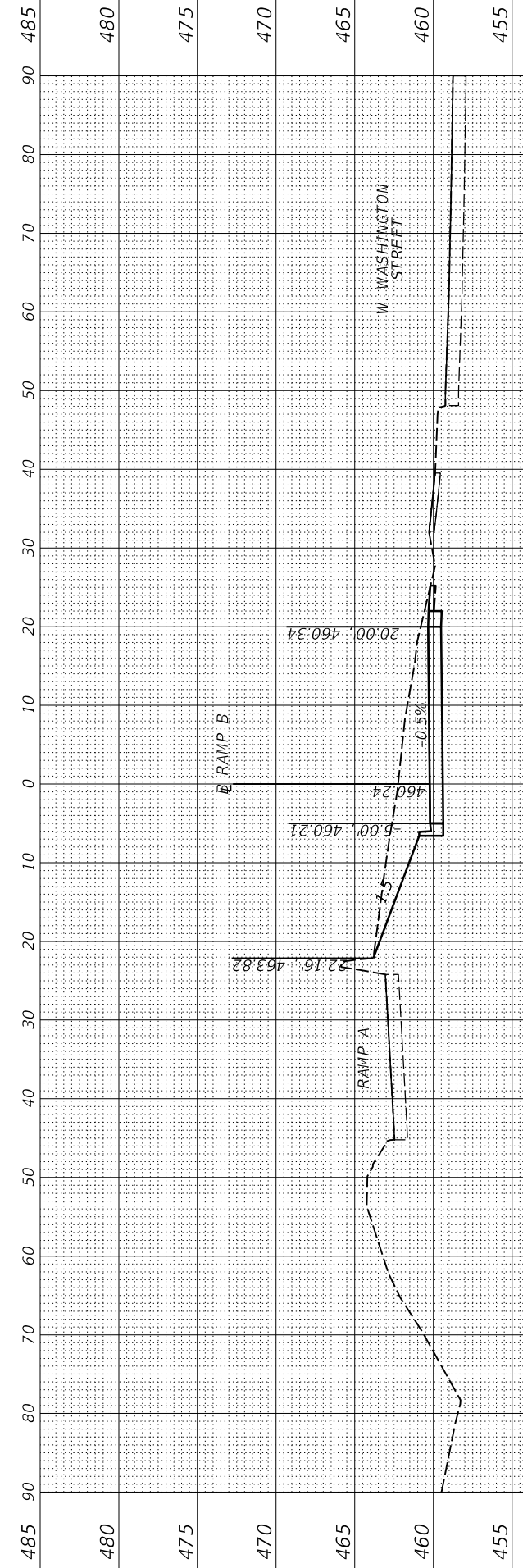
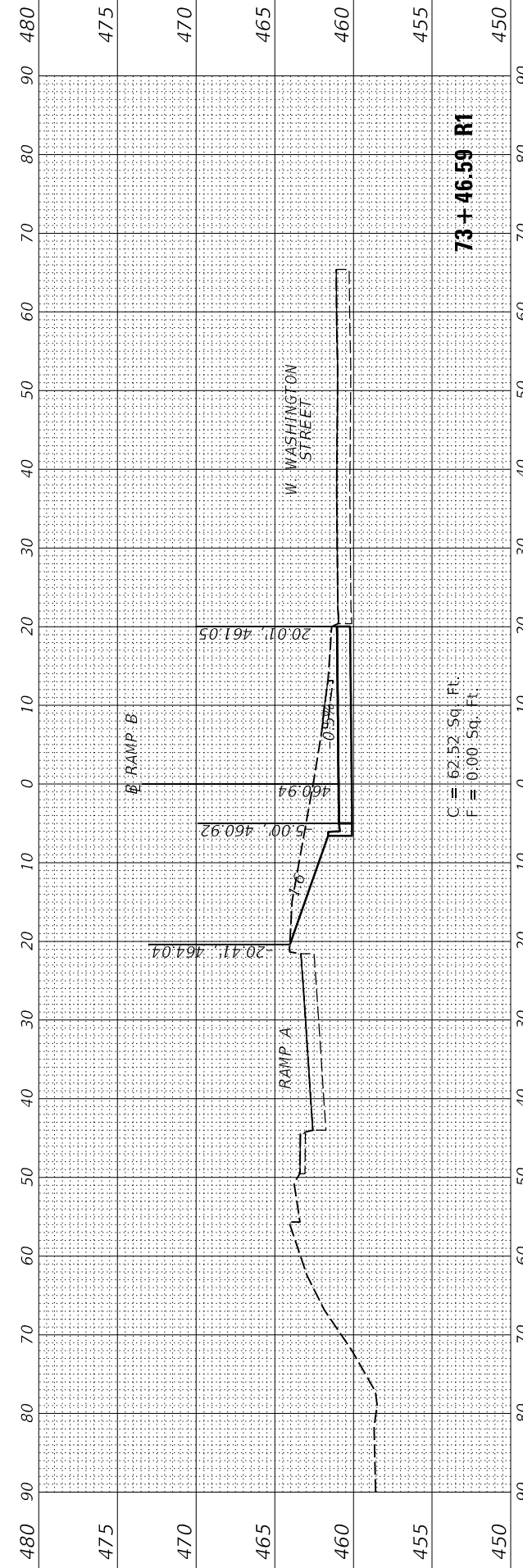
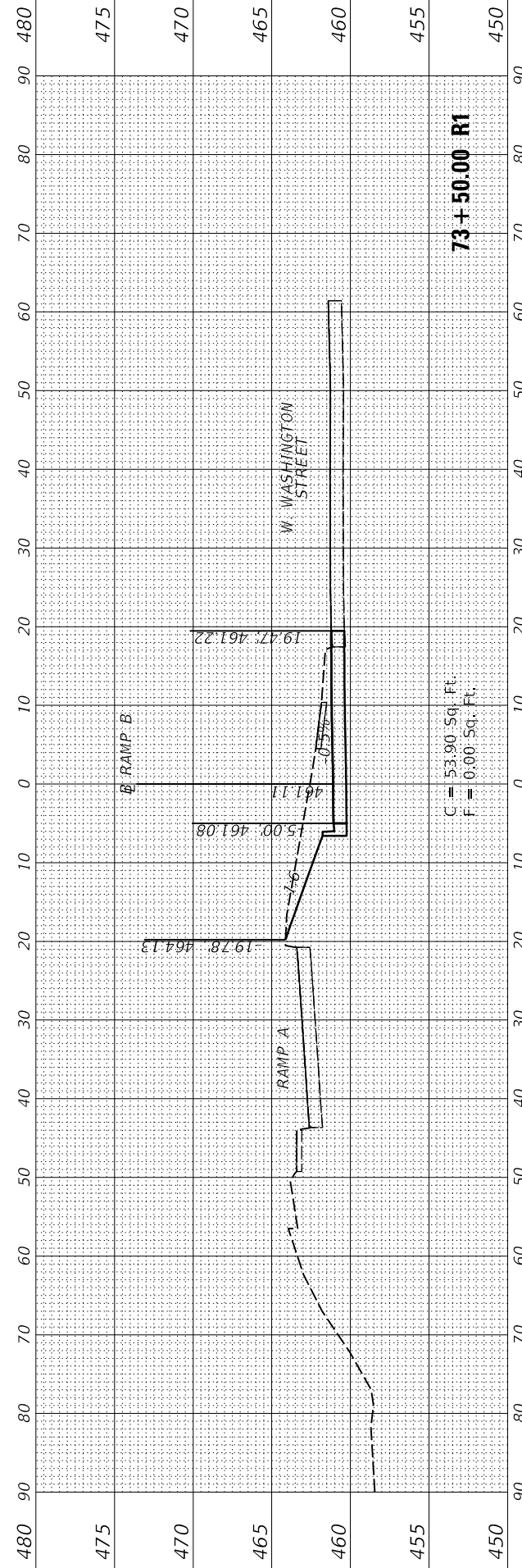
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		



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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1-PAGE1-WASHRAMP
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USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISION	-
REVISION	-
REVISION	-
REVISION	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	1"=10'
SHEET	OF SHEETS
STA.	73+13.06 R1 TO STA. 73+50.00 R1

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RAMP B (STAGE 1)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	140
		TAZEWELL	CONTRACT NO. 68E71	
		ILLINOIS	FED. AID PROJECT	

FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: STAGE1-HPAGE2-WASHRAMP
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USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

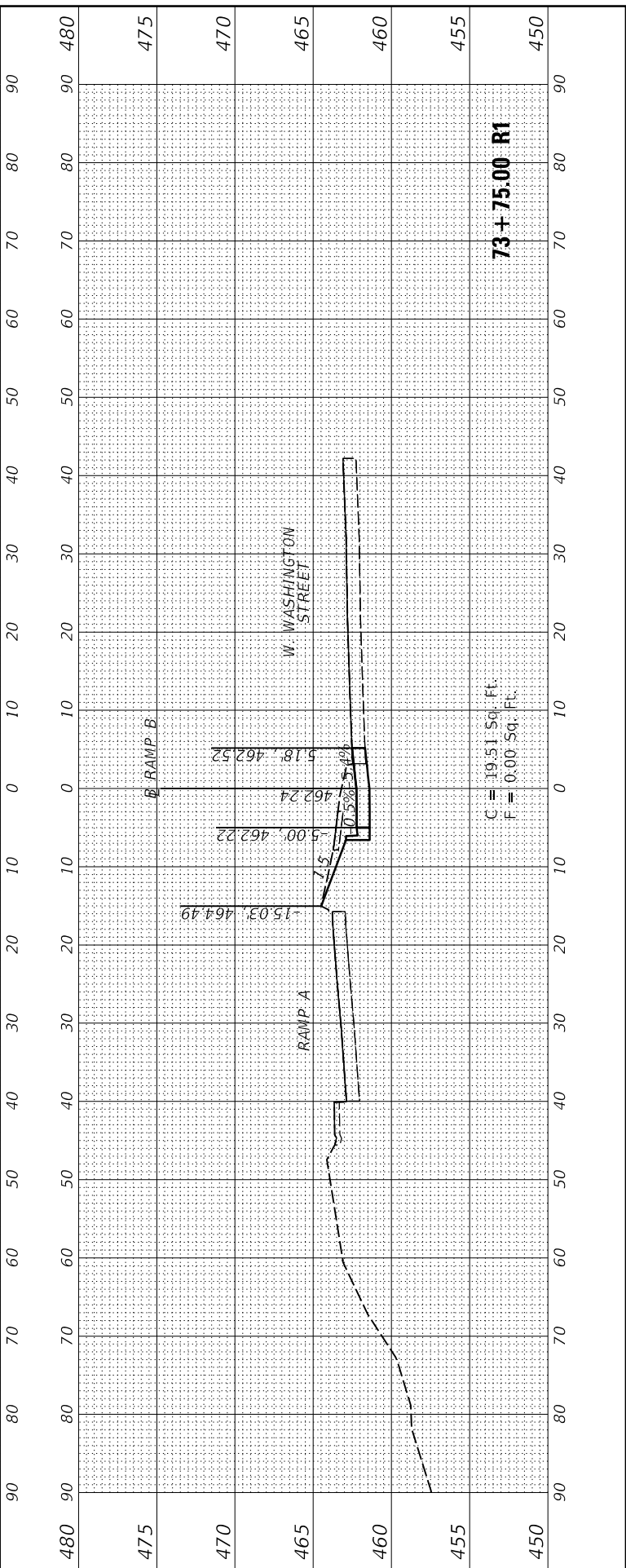
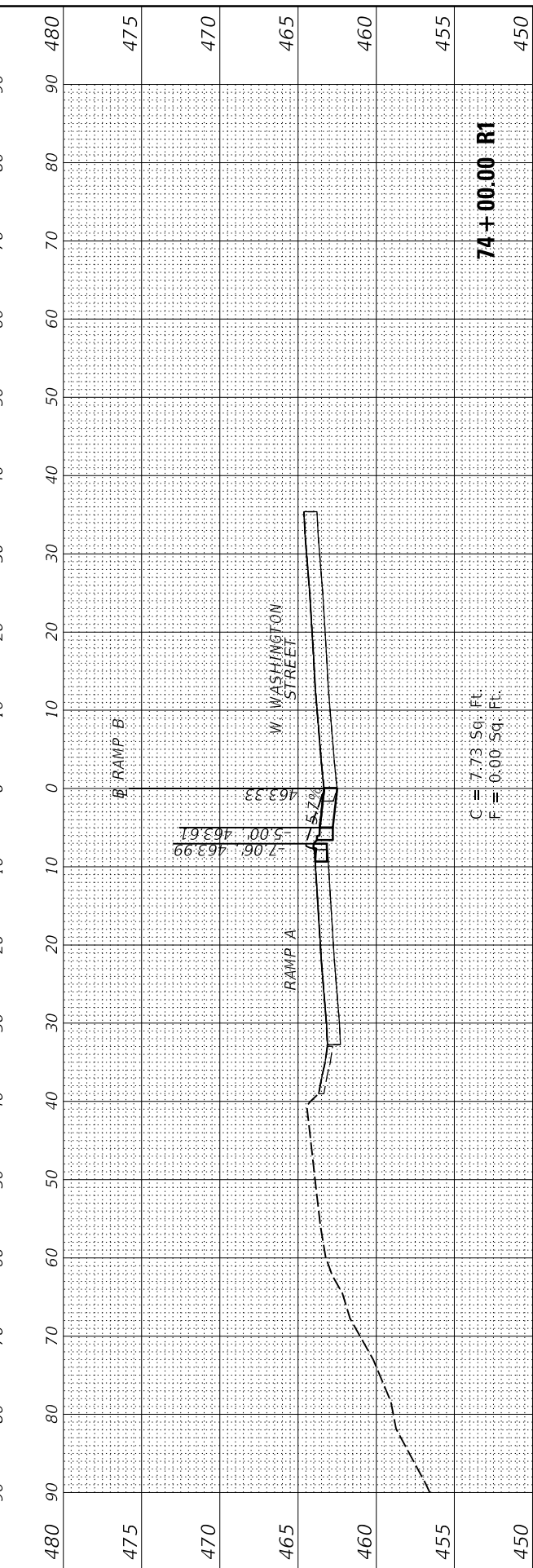
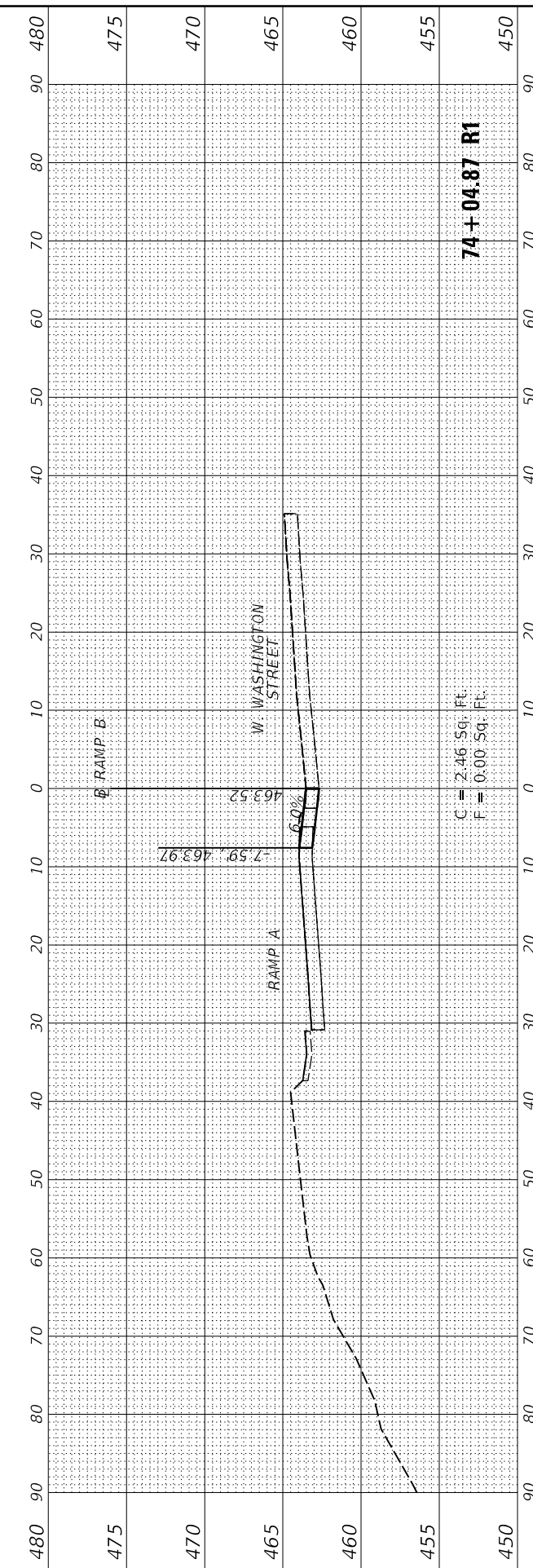
REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RAMP B (STAGE 1)**

SCALE: 1"=10' SHEET OF SHEETS STA. 73+75.00 R1 TO STA. 74+04.87 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	141
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		



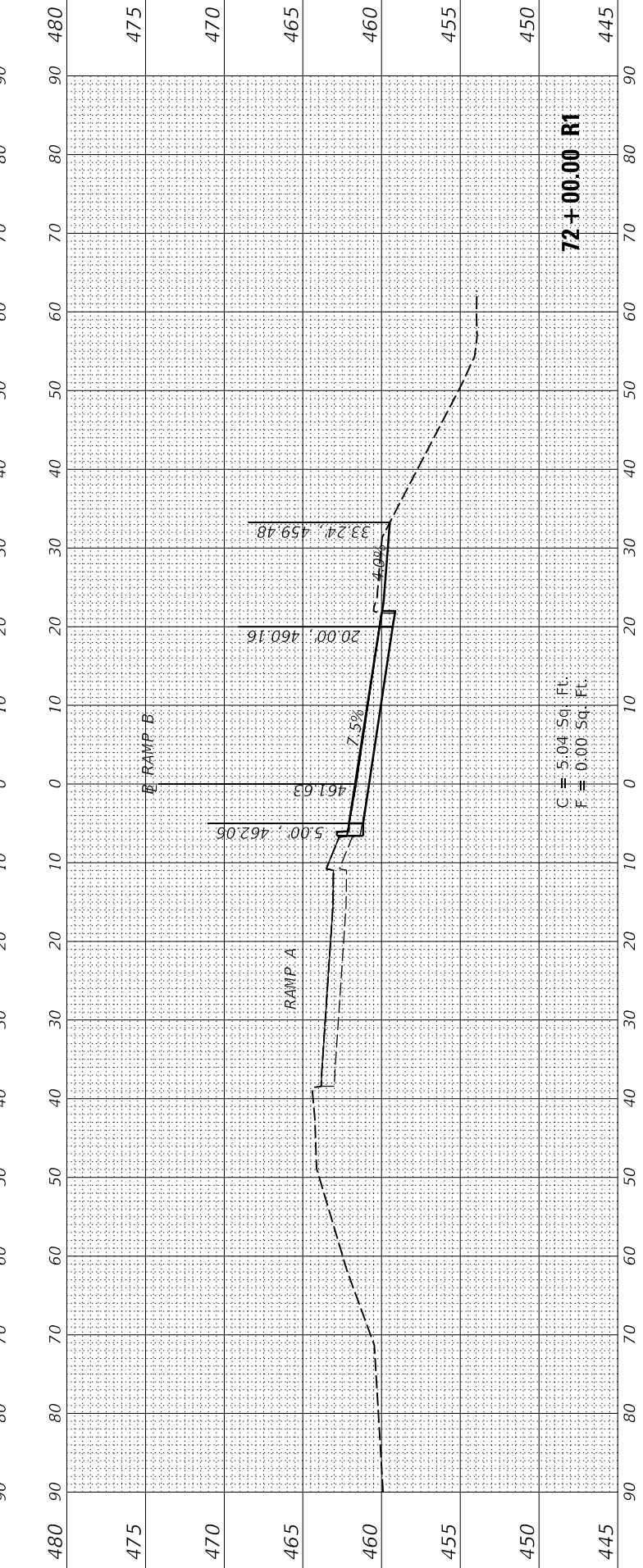
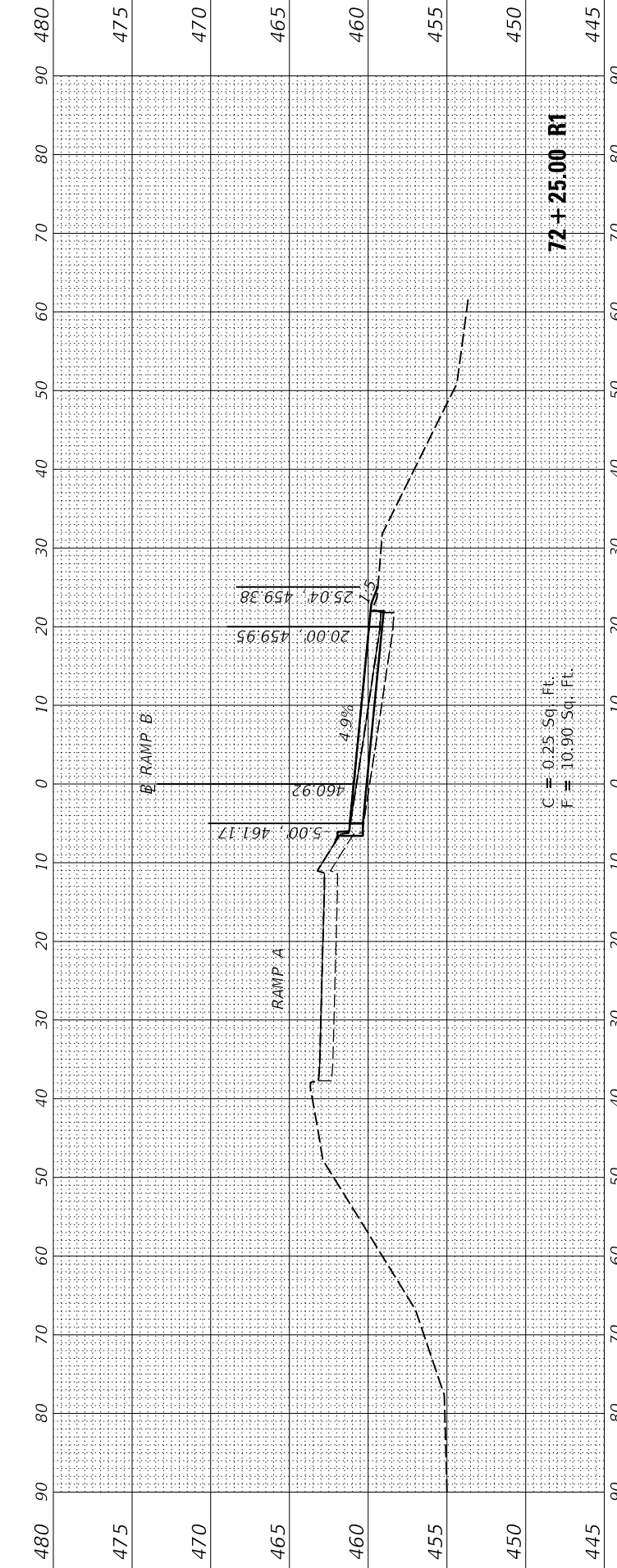
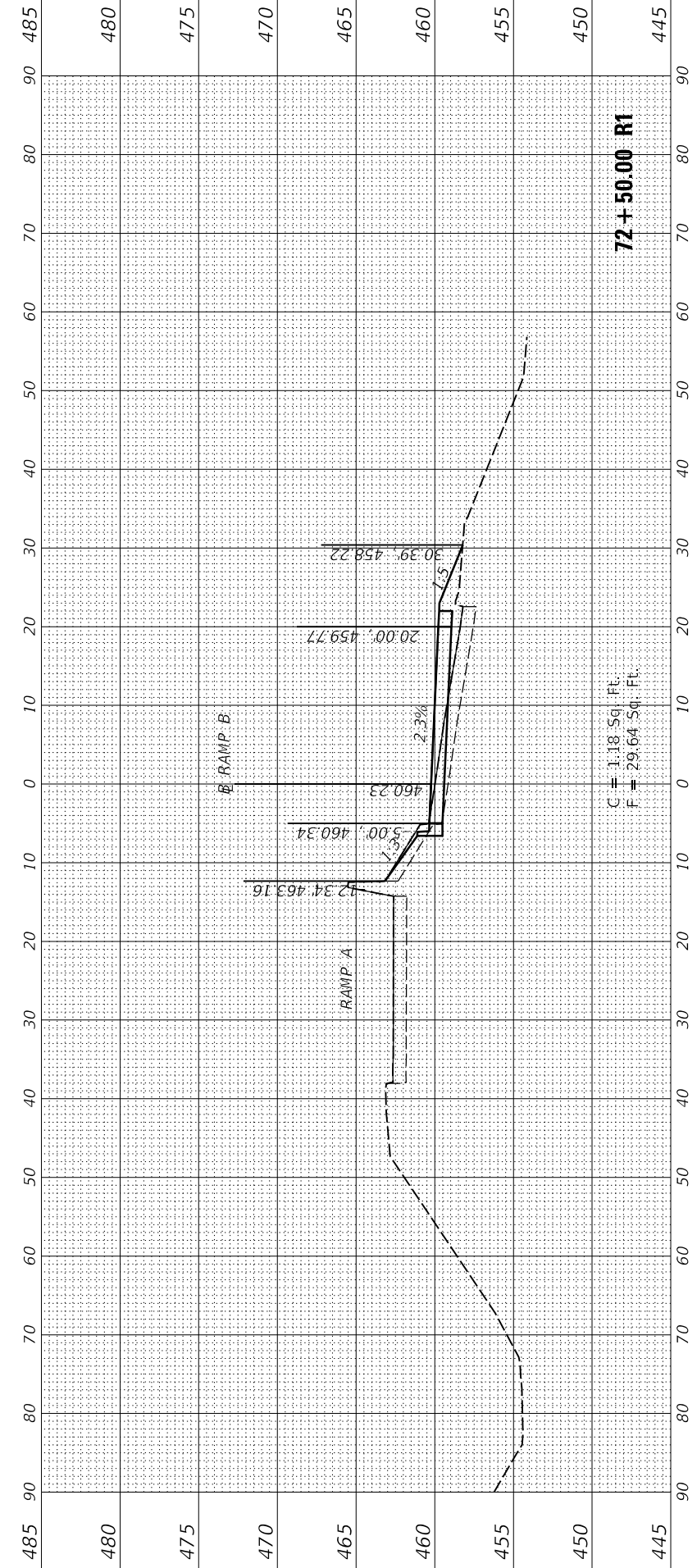
FINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: Stage2_RampB1
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USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: 1"=10'
SHEET OF SHEETS STA. 72+00.00 R1 TO STA. 72+50.00 R1

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RAMP B (STAGE 2)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	142
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

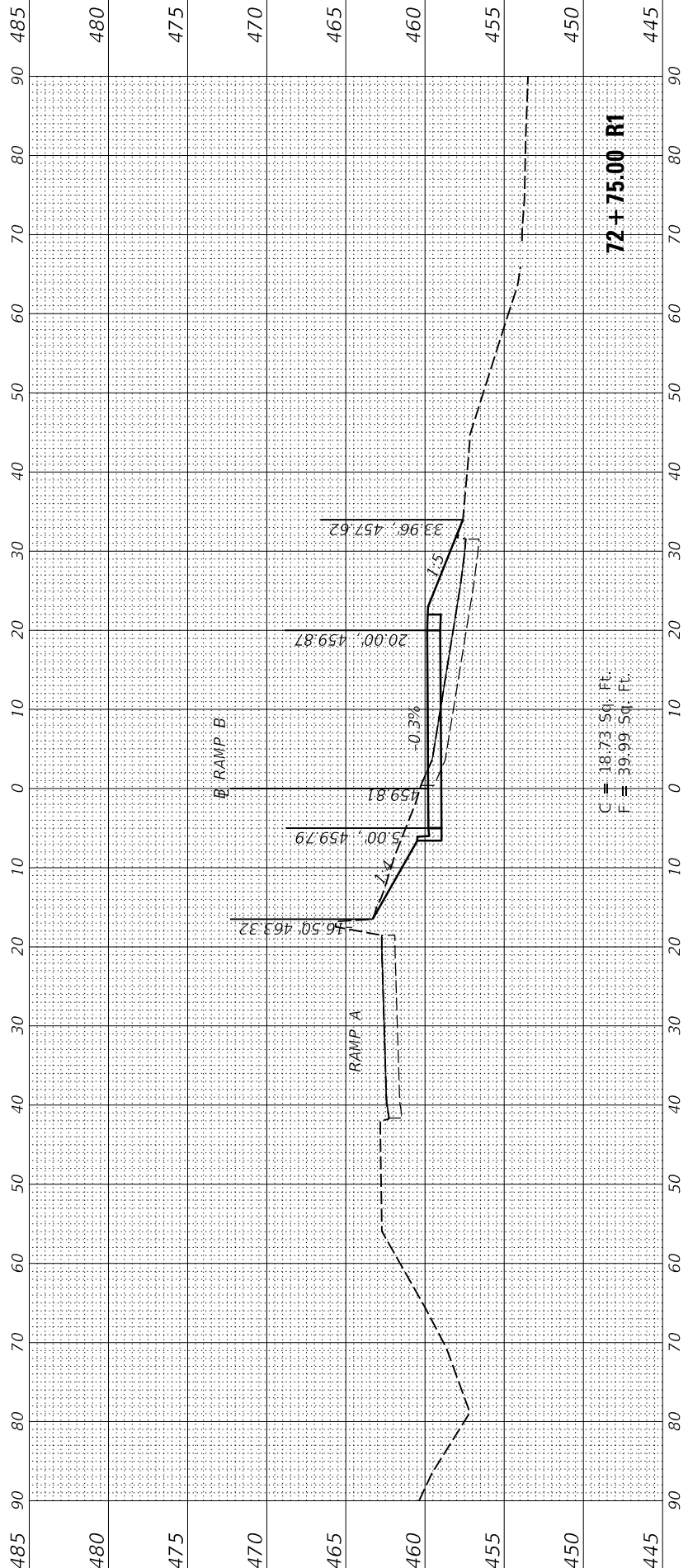
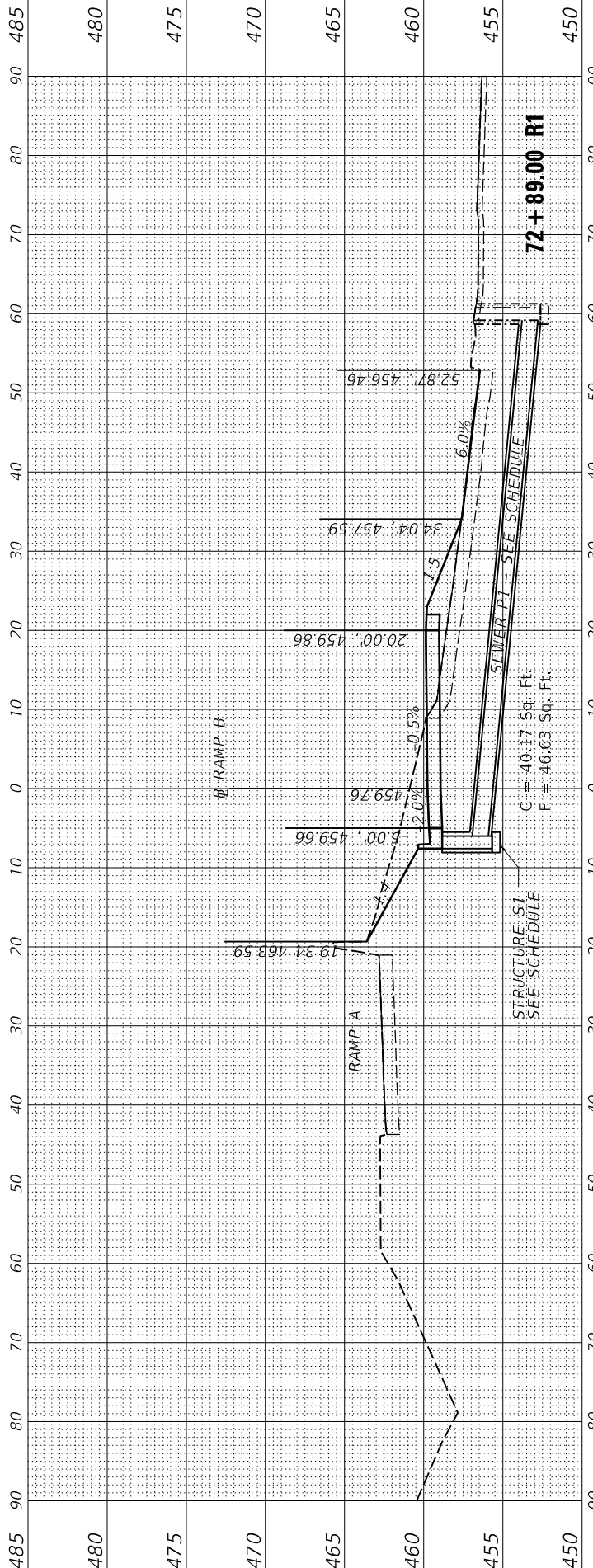
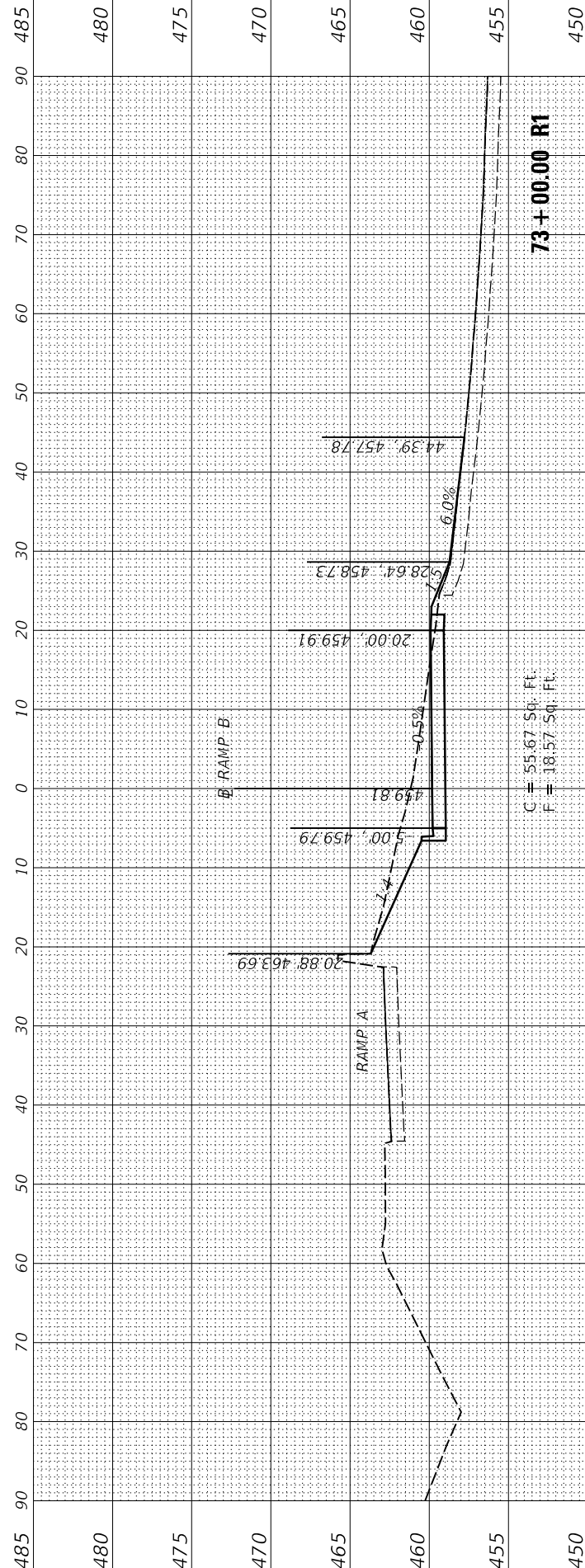
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: Stage2_RampB1
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USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

REVISD	-	
REVISD	-	
REVISD	-	
REVISD	-	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE:	1"=10'		
SHEET	OF	SHEETS	STA. 72+75.00 R1 TO STA. 73+00.00 R1

IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - RAMP B (STAGE 2)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	143
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: Stage2_RampB1
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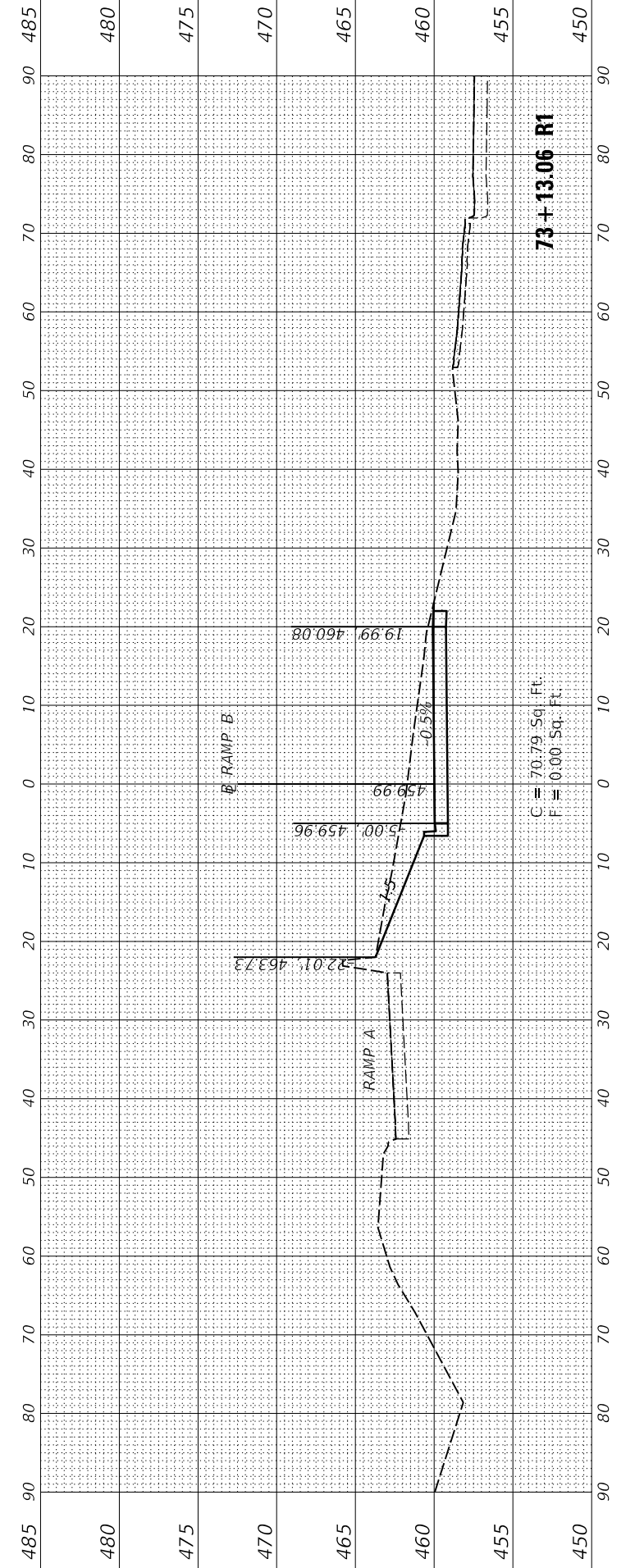
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PLOT SCALE = 20.00' / in.	DRAWN - CAD	REVISED -
PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - RAMP B (STAGE 2)**

SCALE: 1"=10' SHEET OF SHEETS STA. 73+13.06 R1 TO STA. 73+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	144
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		



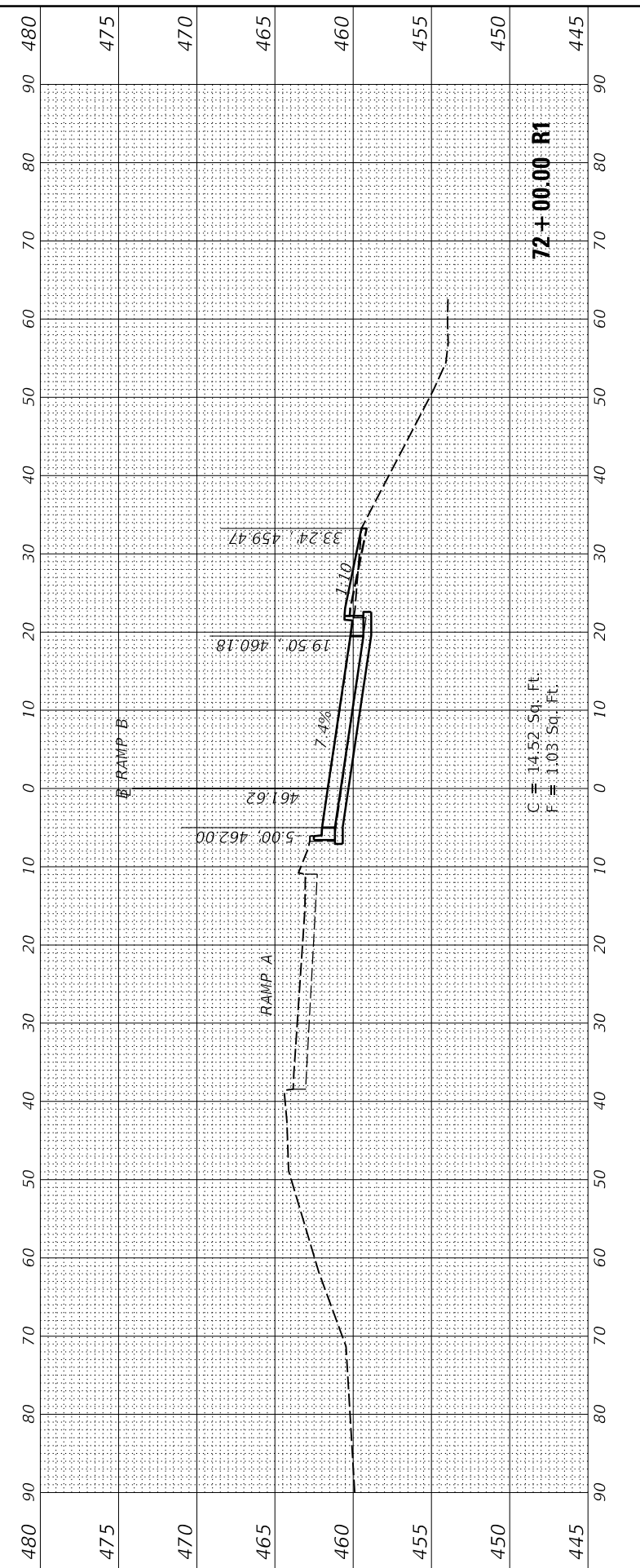
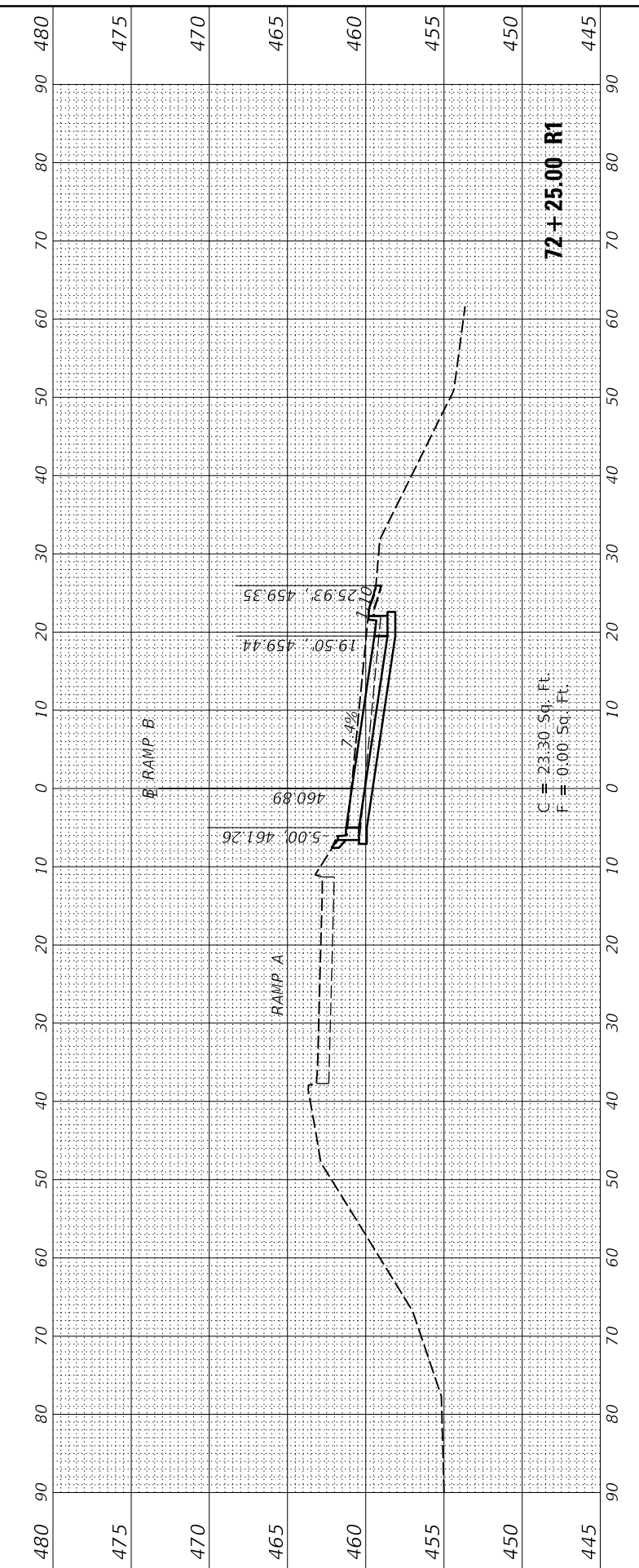
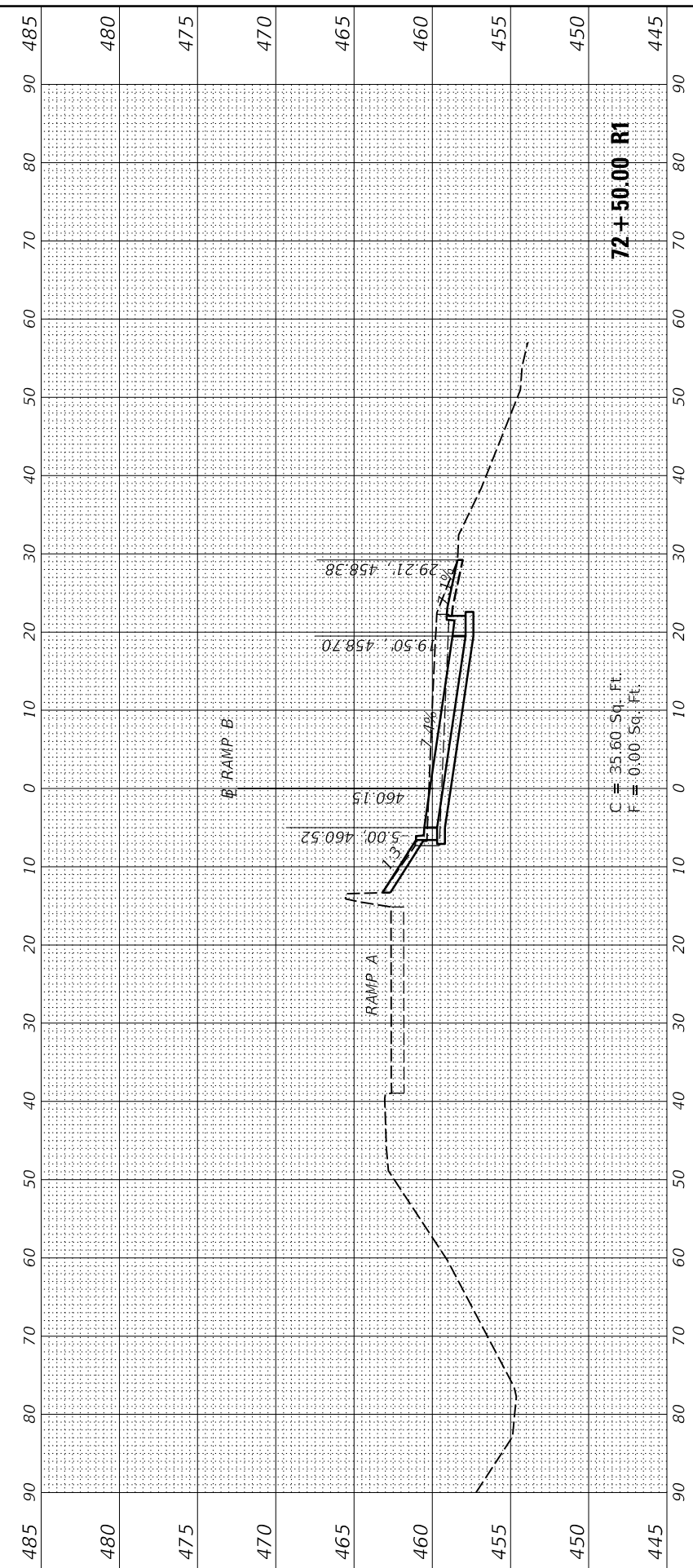
FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

MODEL: Stage3_RampRestore
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USER NAME	= Ander00846
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

REVISD	-
REVISD	-
REVISD	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RAMP B (STAGE 3)**

SCALE: 1"=10' SHEET OF SHEETS STA. 72+00.00 R1 TO STA. 72+50.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	145
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

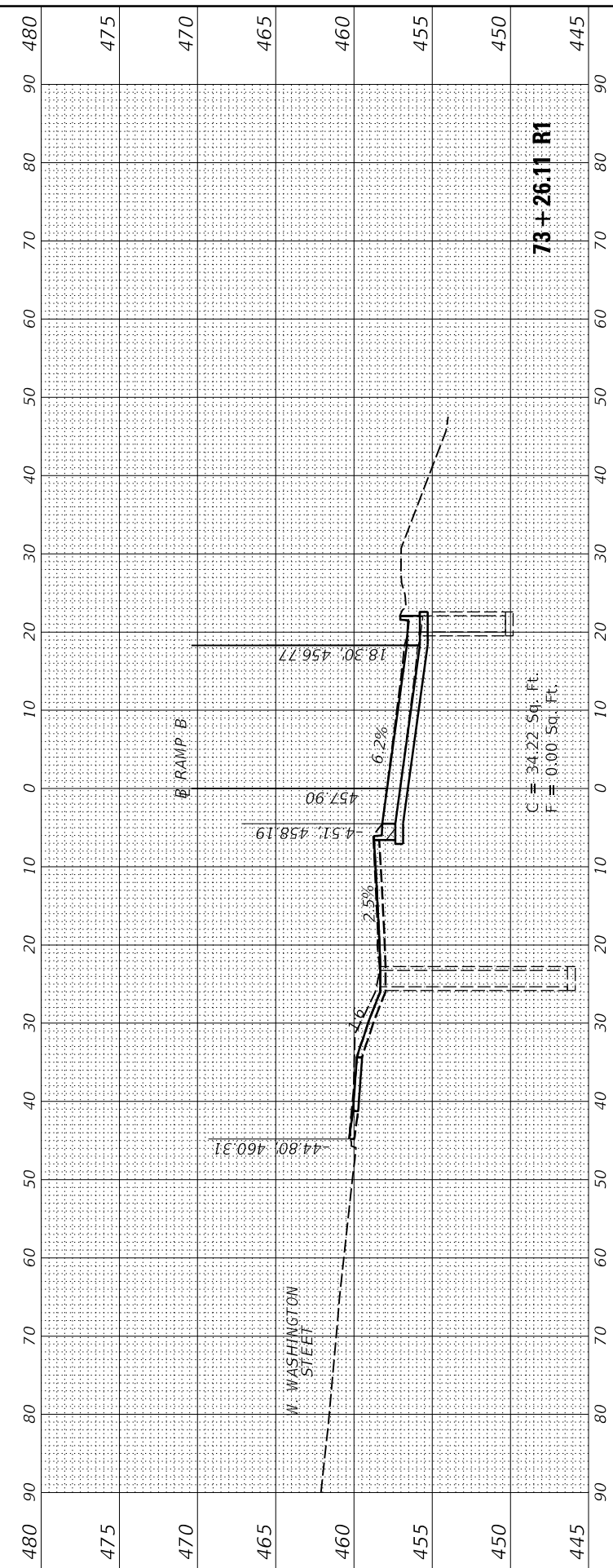
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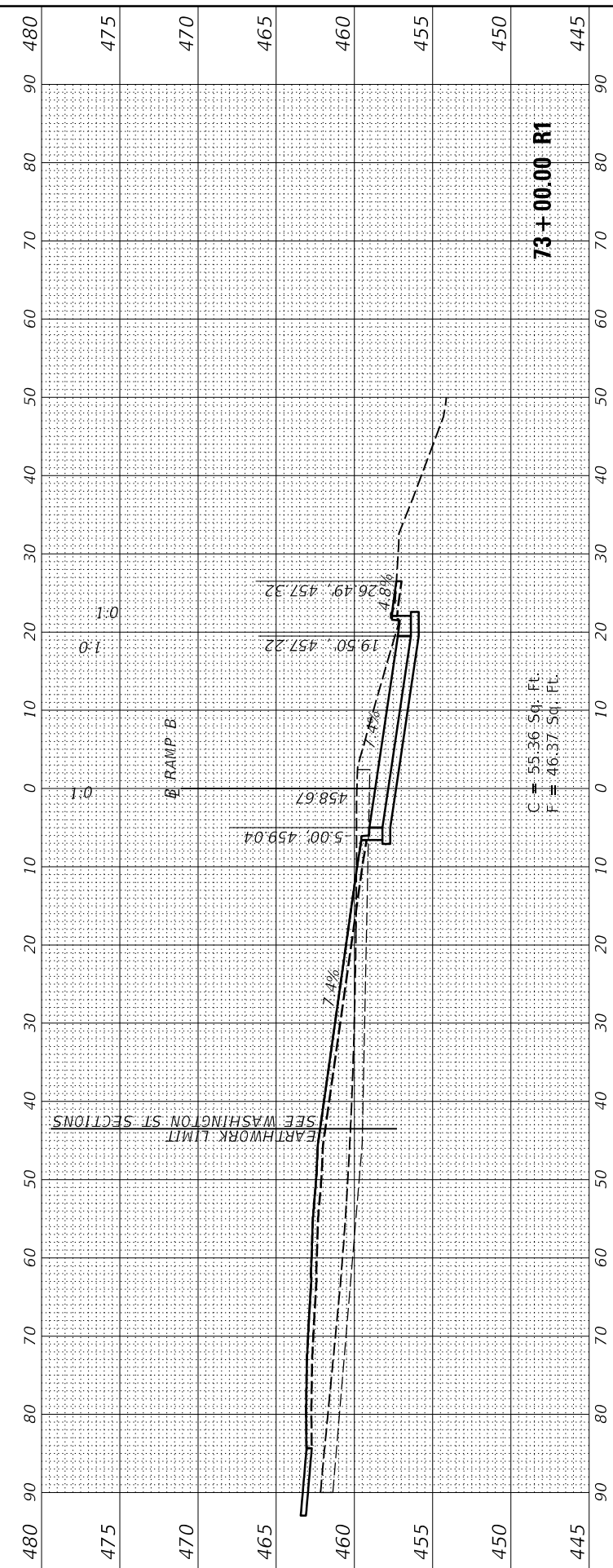
ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

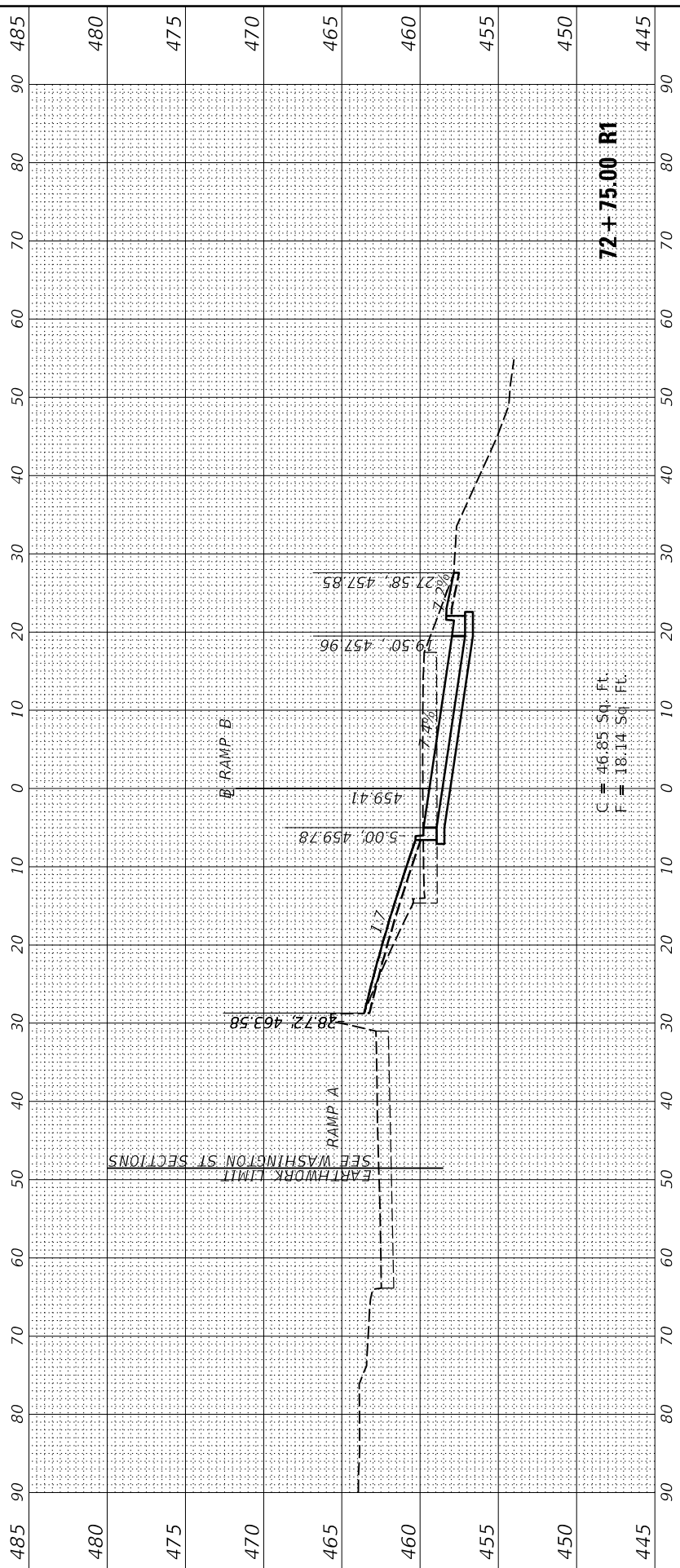
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C = 34.22 Sq. Ft.
 F = 0.00 Sq. Ft.



C = 55.36 Sq. Ft.
 F = 46.37 Sq. Ft.



C = 46.85 Sq. Ft.
 F = 18.14 Sq. Ft.

STATE OF ILLINOIS
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IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - RAMP B (STAGE 3)

USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019
PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

SCALE: 1"=10'
 SHEET OF SHEETS STA. 72+75.00 R1 TO STA. 73+26.11 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	146
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



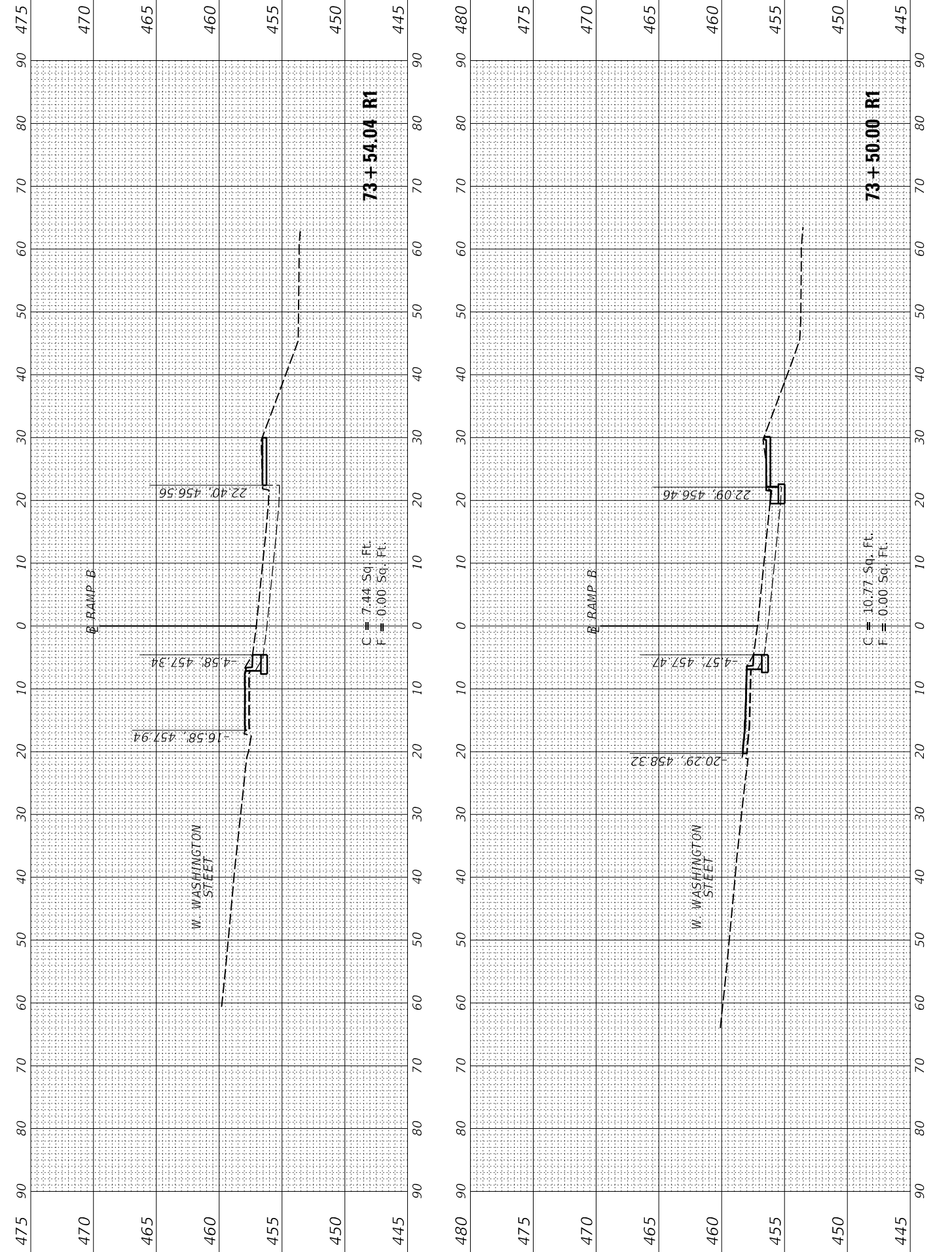
FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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USER NAME = Ander00846	DESIGNED - BAB	REVISED -
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PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=10'	SHEET OF SHEETS	STA. 73+50.00 R1 TO STA. 73+54.04 R1
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**IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - RAMP B (STAGE 3)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	147
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

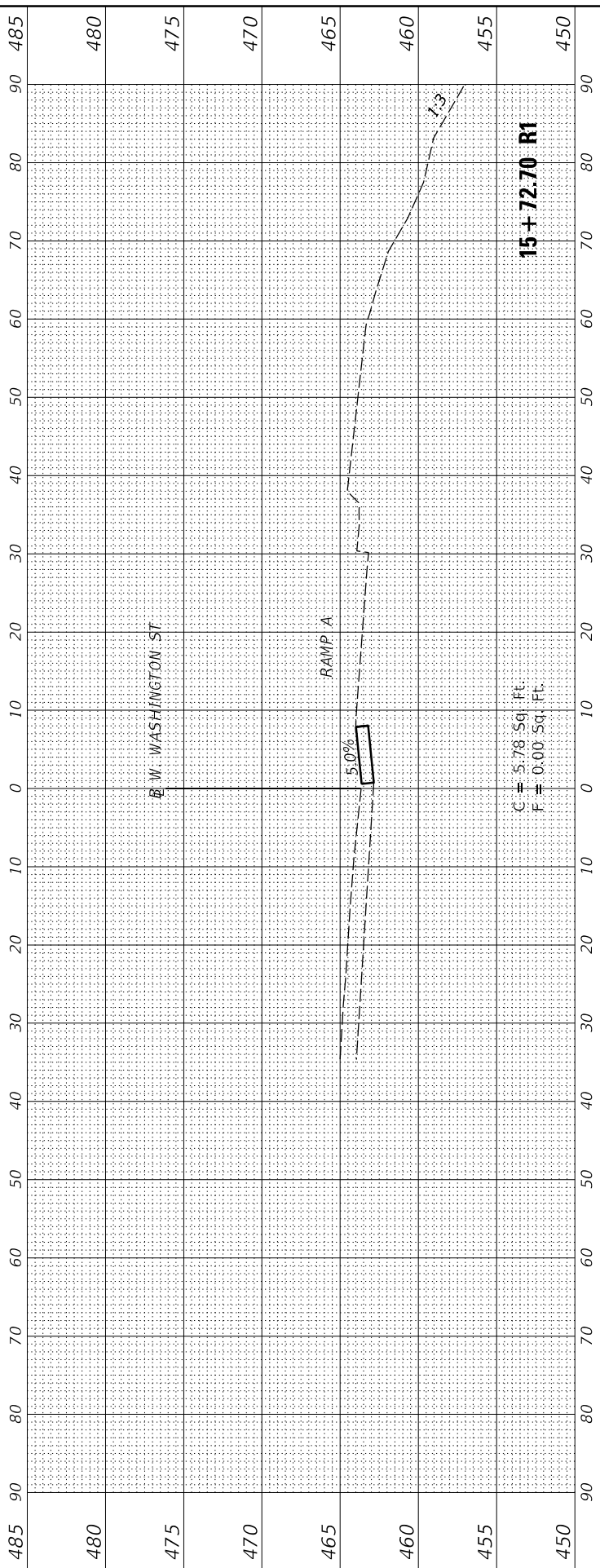
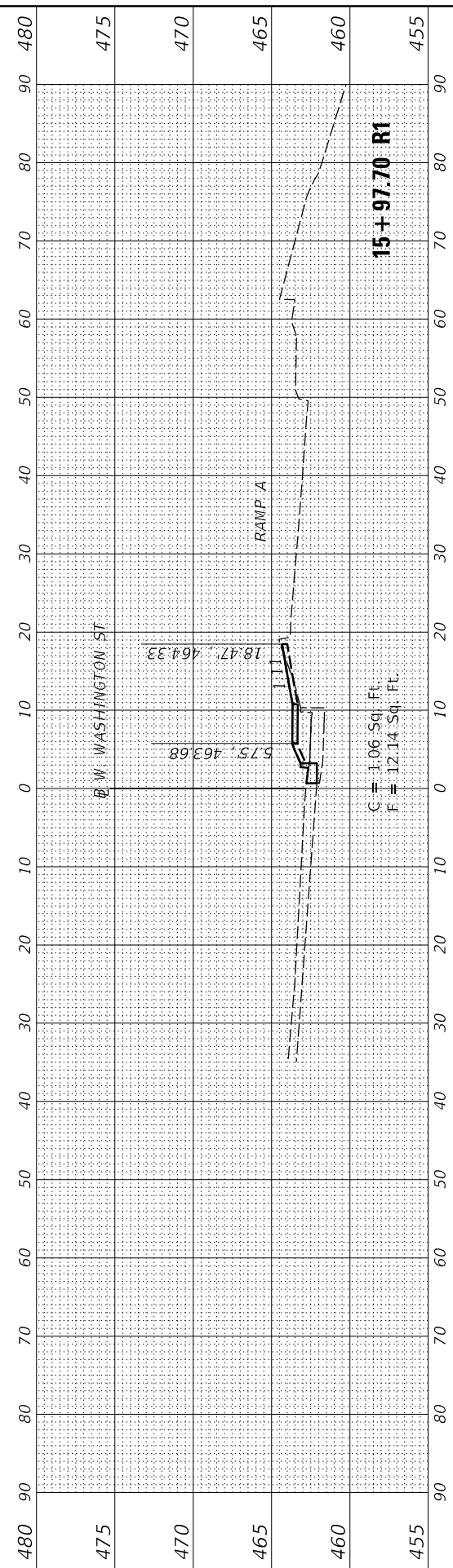
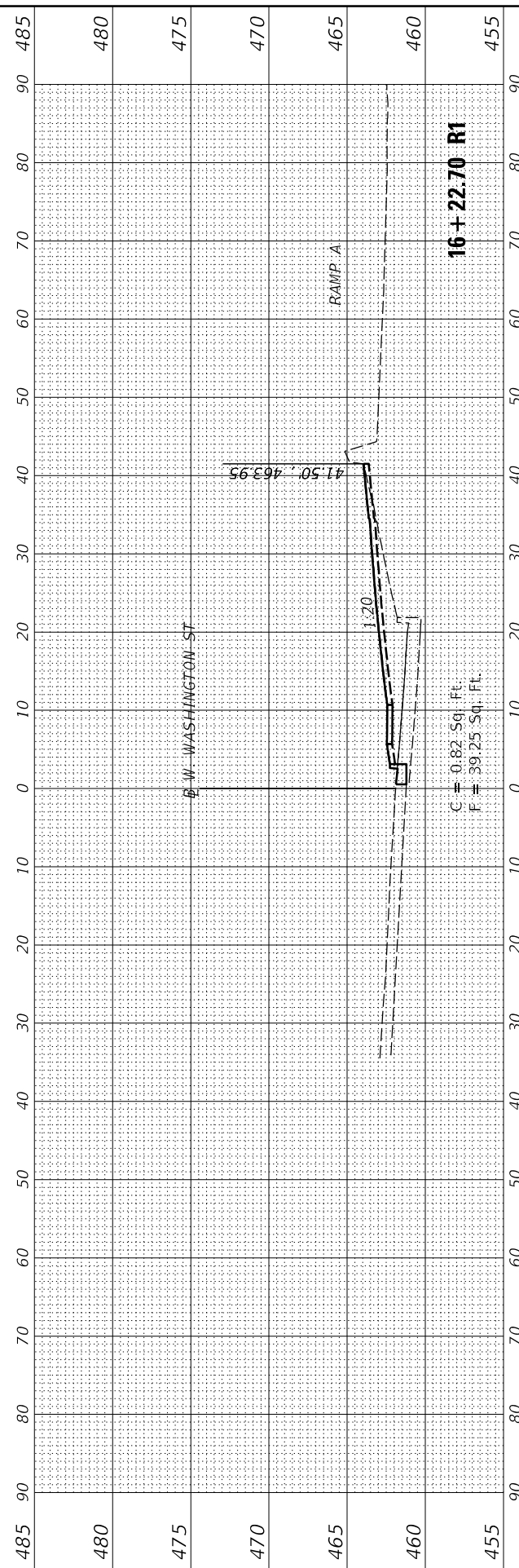
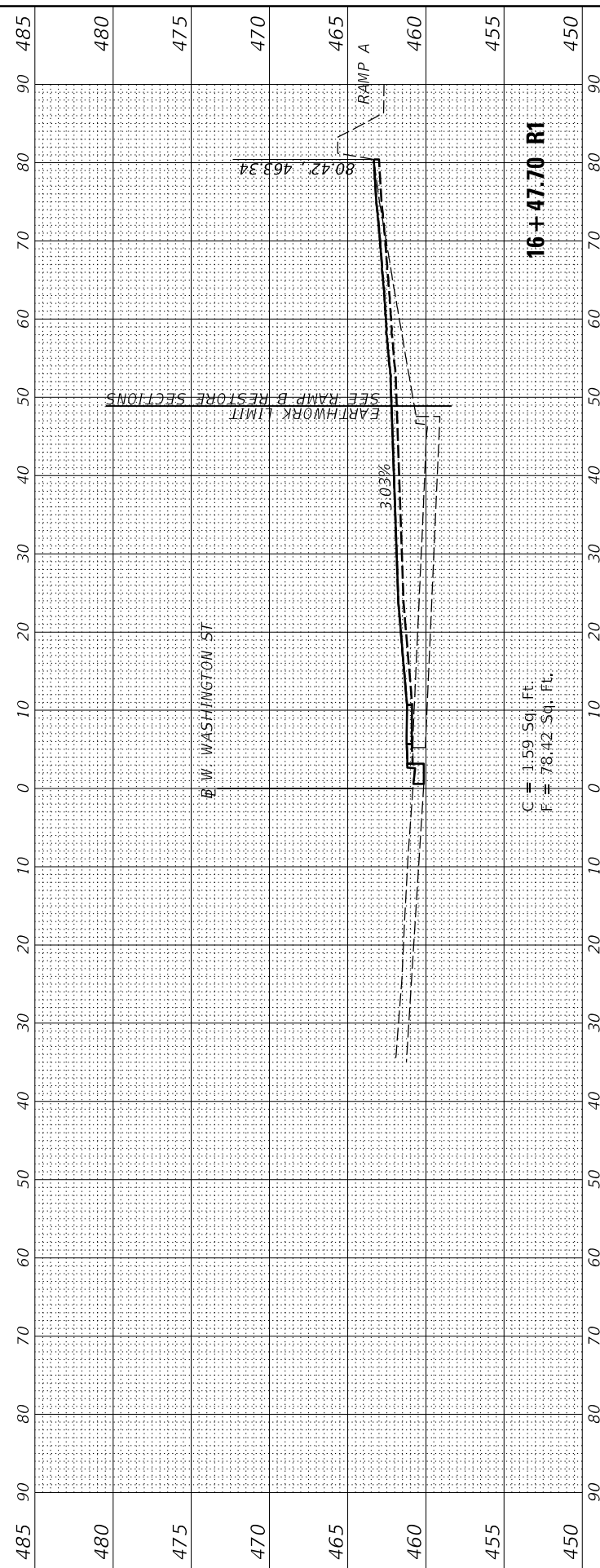
FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE



ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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PLOT DATE	= 3/20/2019	DATE	- 3/21/2019	REVISID	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - W. WASHINGTON STREET (STAGE 3)**

SCALE: 1"=10' SHEET OF SHEETS STA. 15+72.70 R1 TO STA. 16+47.70 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	148
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

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

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

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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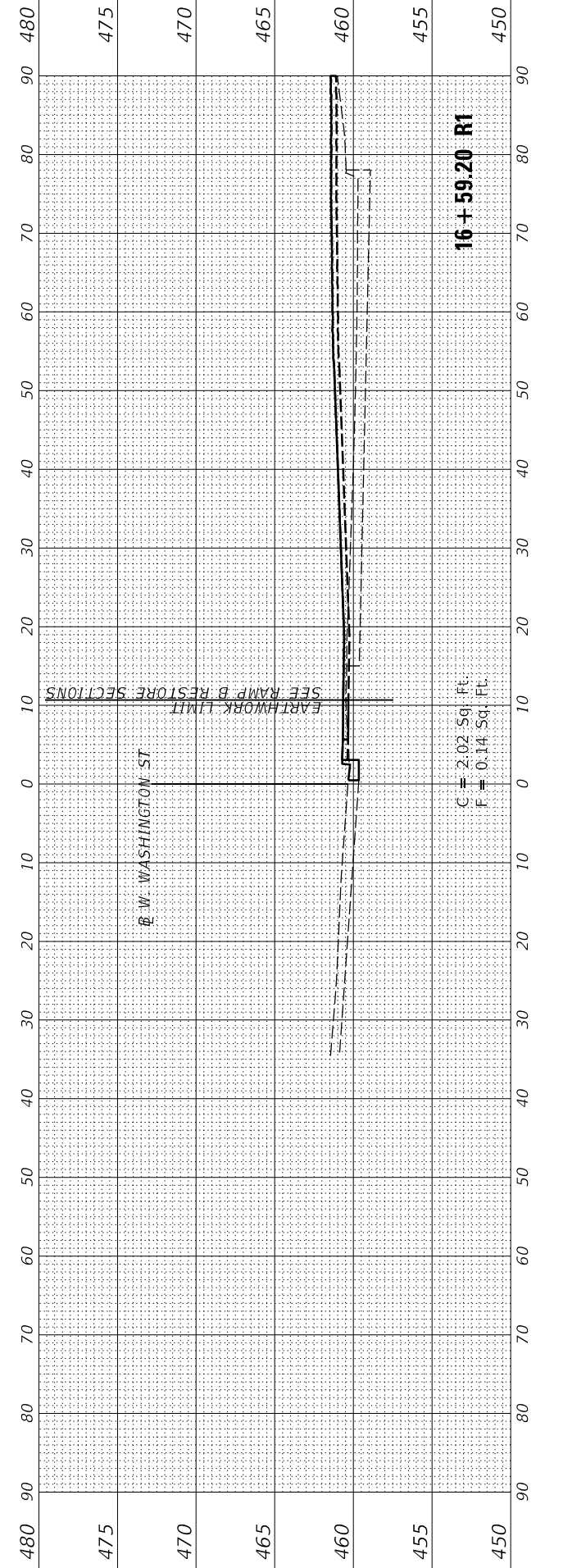
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PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - W. WASHINGTON STREET (STAGE 3)**

SCALE: 1"=10' SHEET OF SHEETS STA. 16+59.20 R1 TO STA. 16+59.20 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	149
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



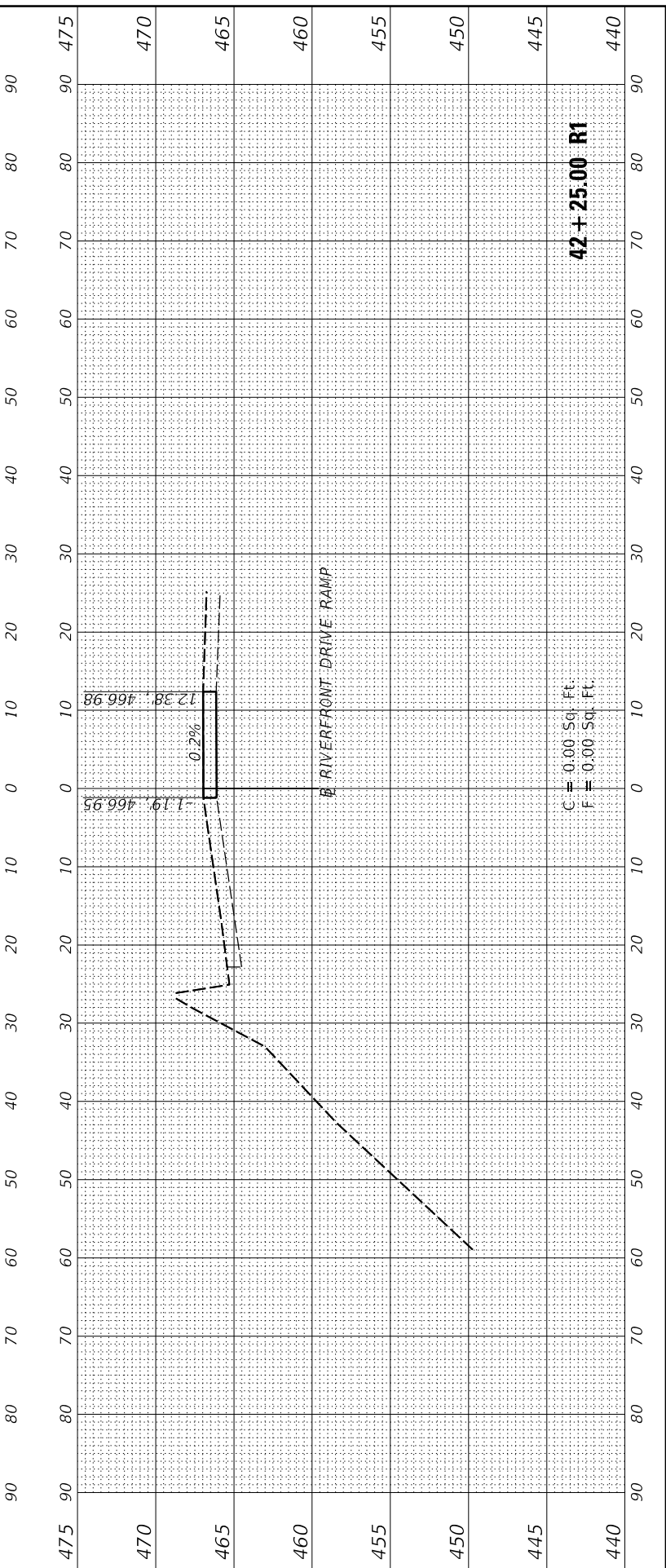
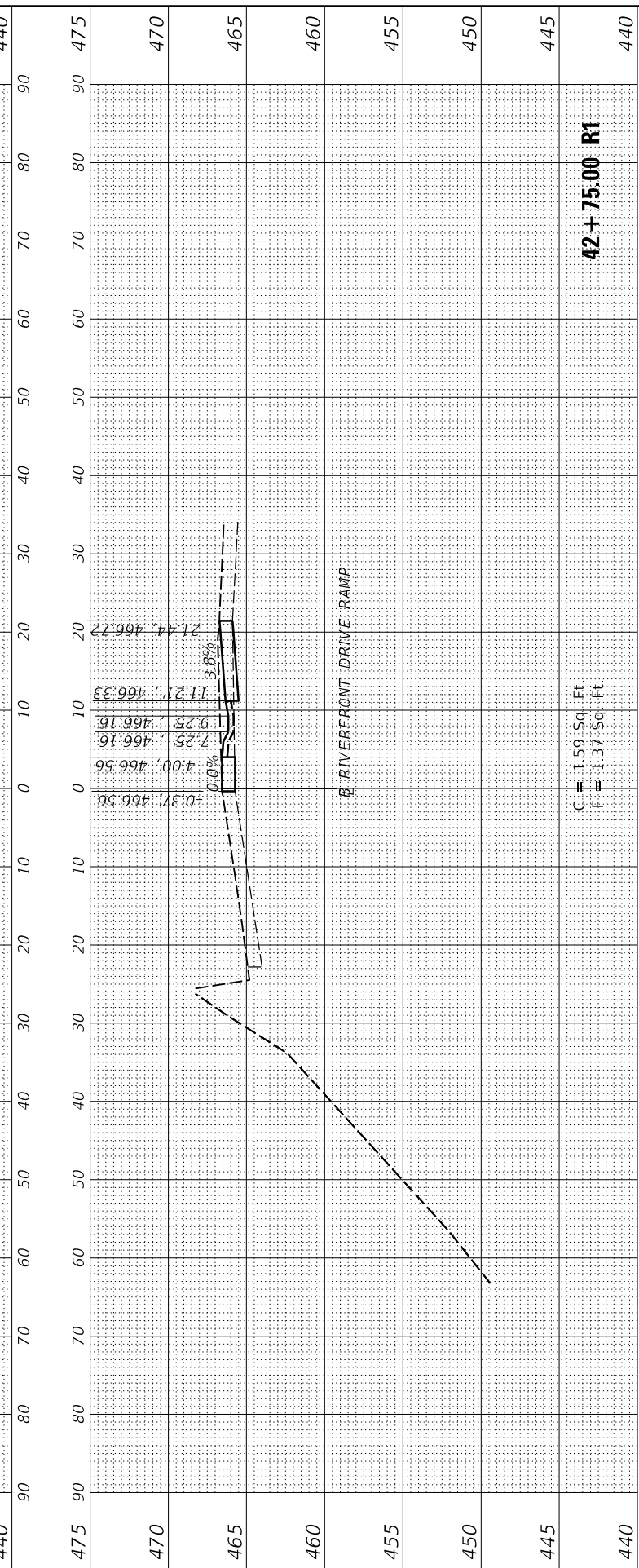
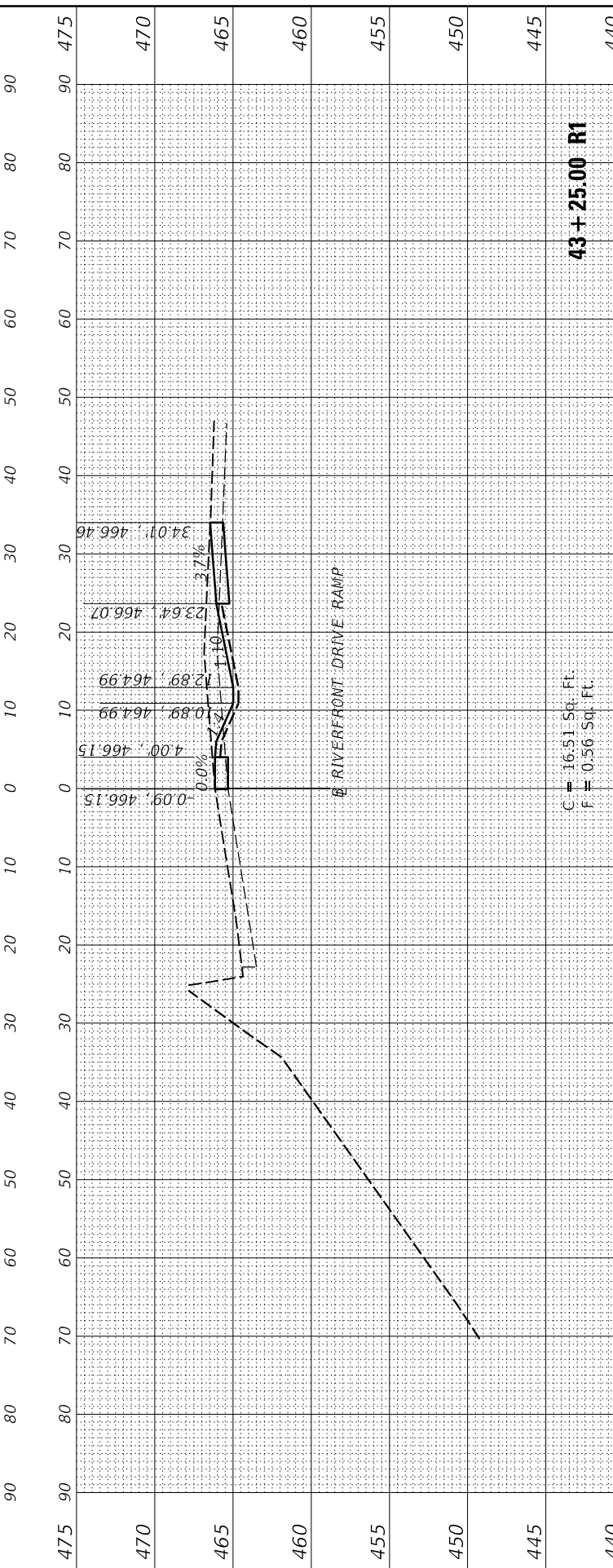
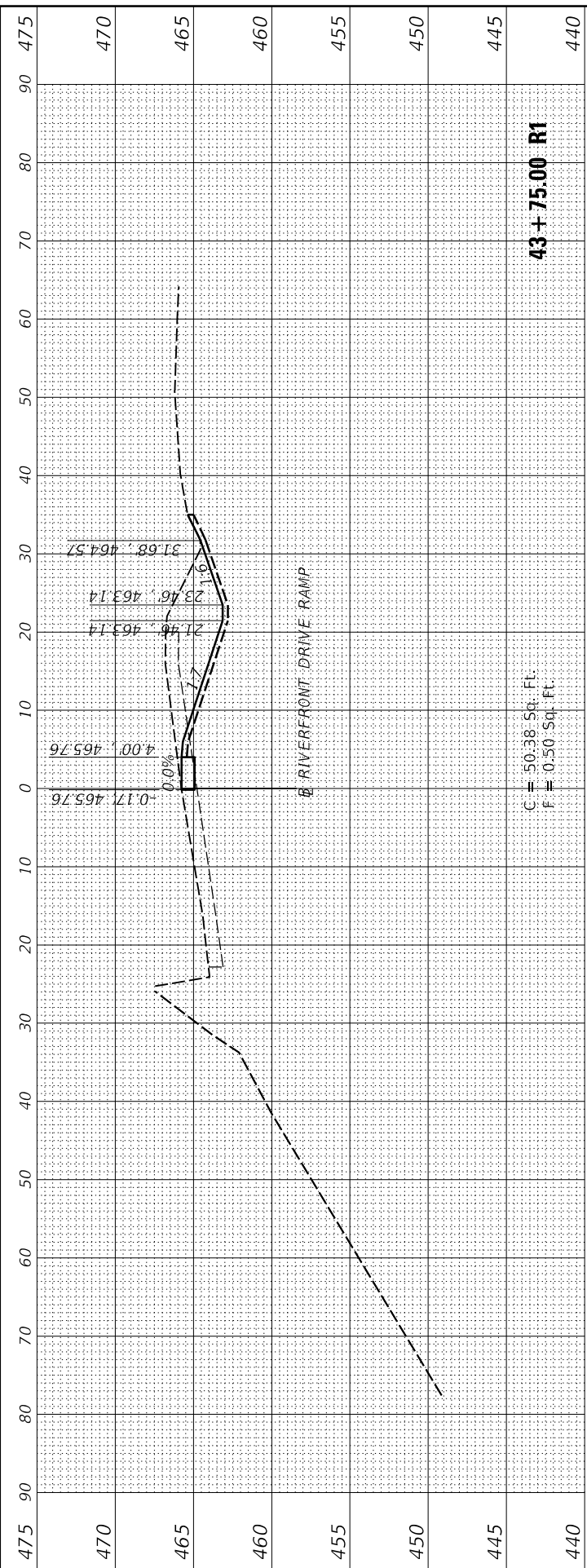
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ORIGINAL SURVEY NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

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DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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PLOT SCALE	= 20.00' / in.
PLOT DATE	= 3/20/2019

DESIGNED	-	BAB
DRAWN	-	CAD
CHECKED	-	MGD
DATE	-	3/21/2019

REVISED	-
REVISED	-
REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)**

SCALE: 1"=10' SHEET OF SHEETS STA. 42+25.00 R1 TO STA. 43+75.00 R1

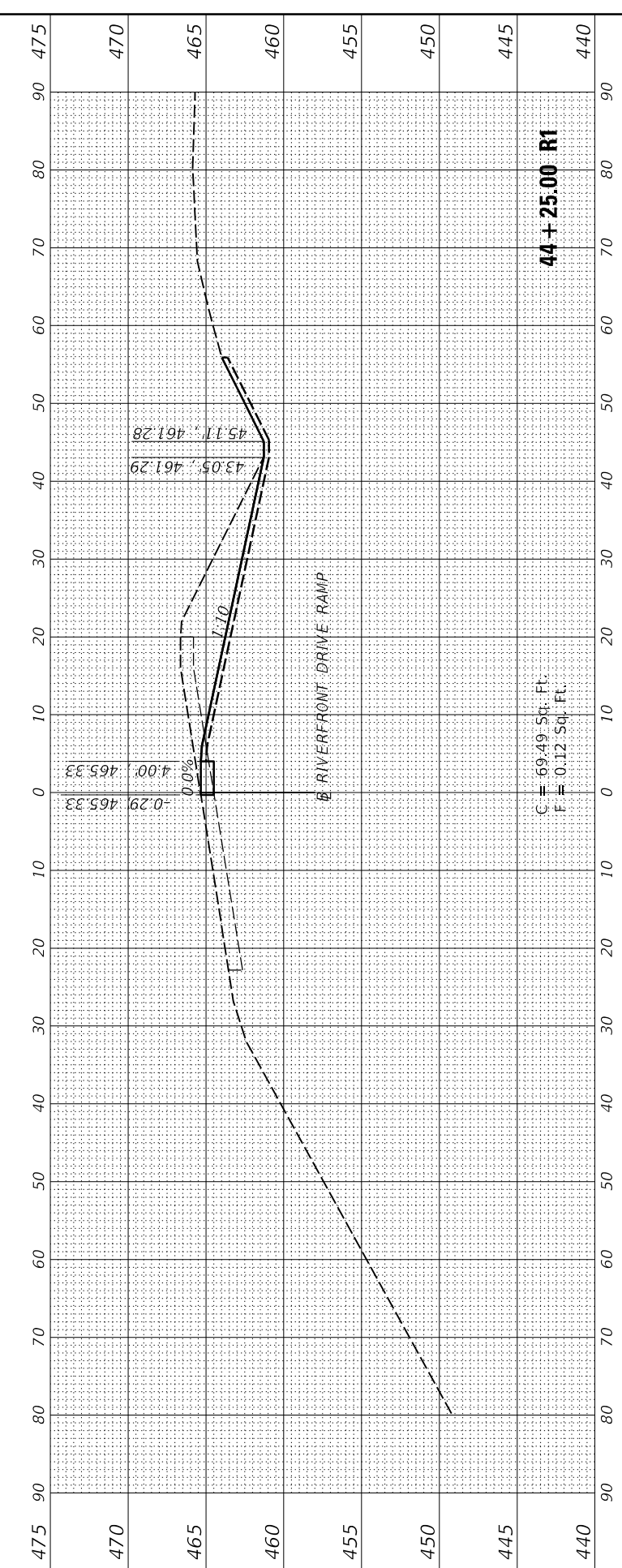
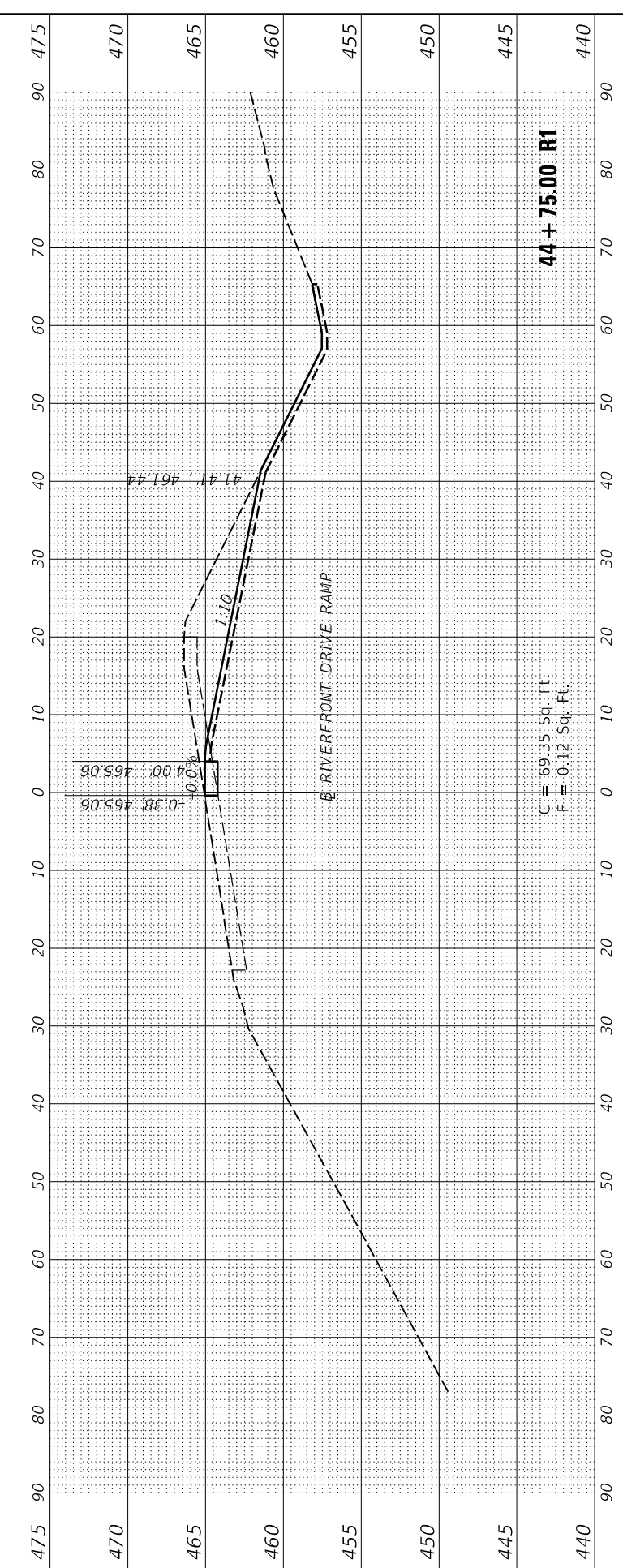
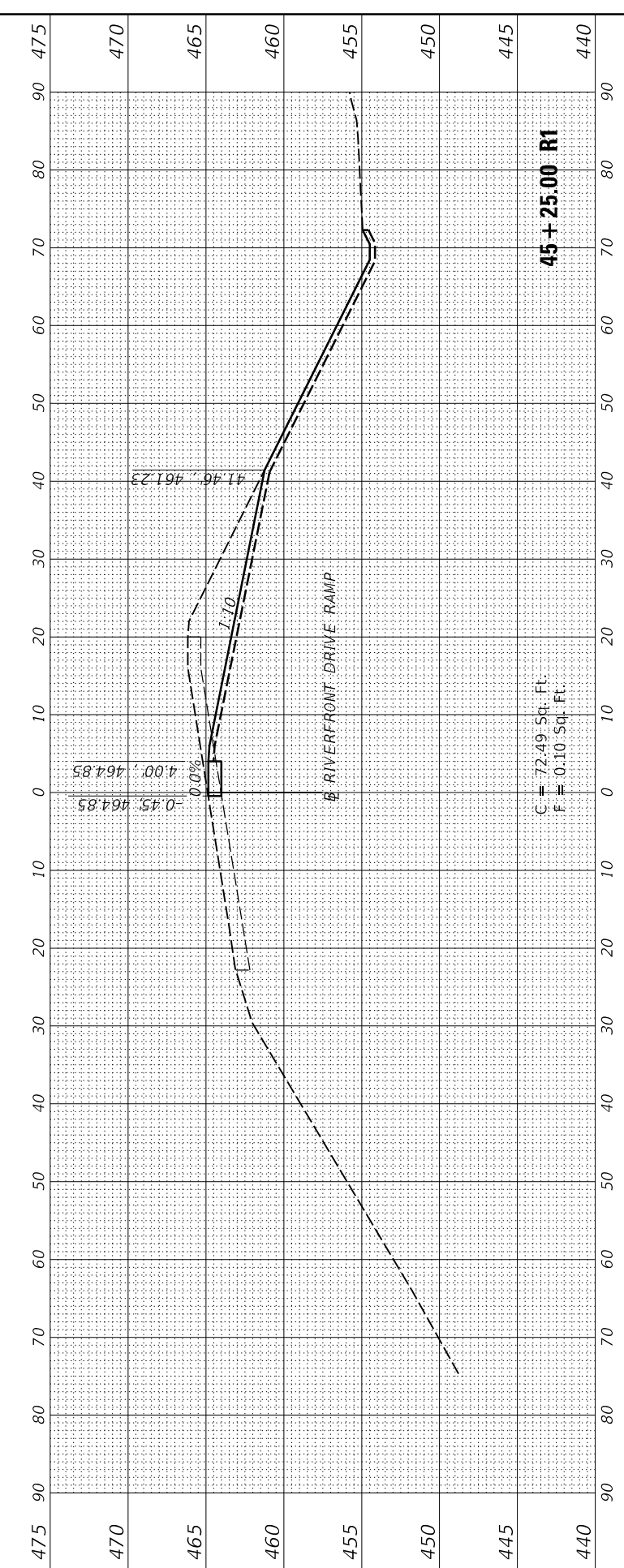
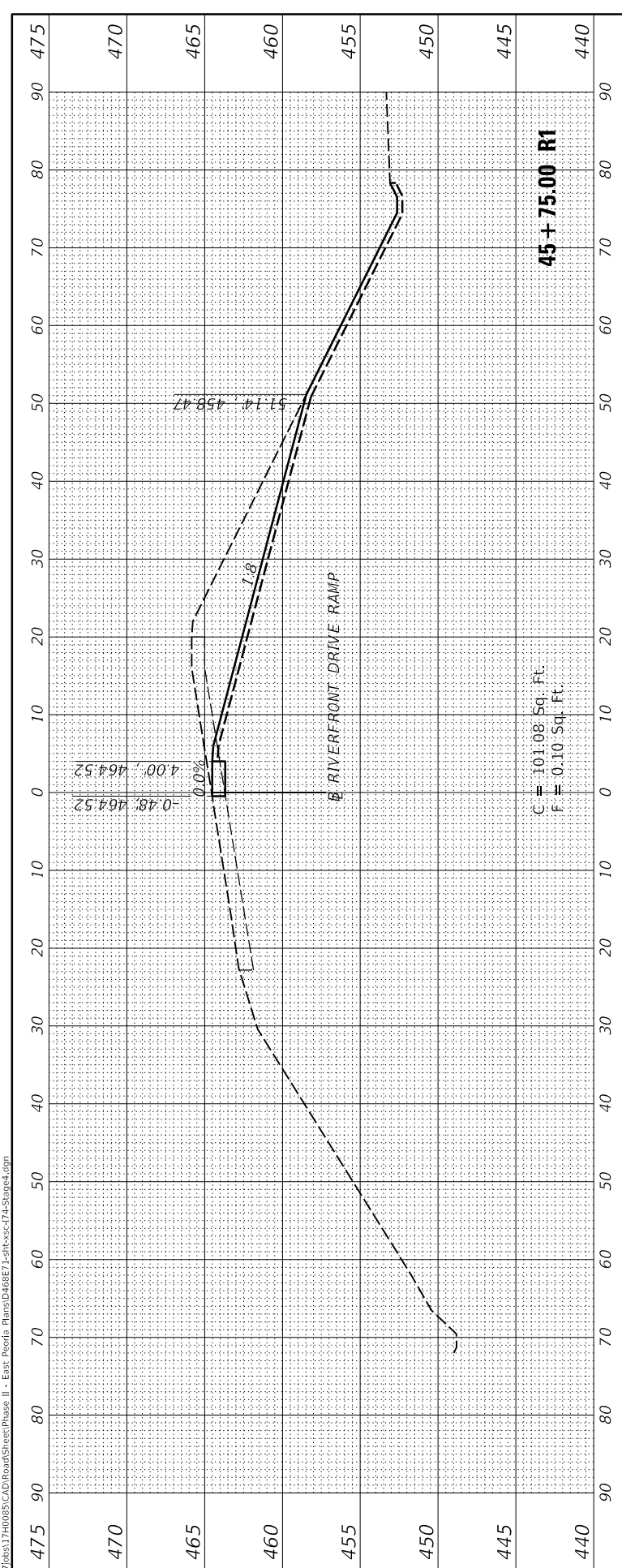
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404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	150
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED BY	DATE



ORIGINAL SURVEY NO.	SURVEYED BY	DATE

DESIGNED	BAB	2/20/2019
DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019



USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019
REVISIONS	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)**

SCALE: 1"=10' SHEET OF SHEETS STA. 44+25.00 R1 TO STA. 45+75.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	151
CONTRACT NO.			68E71	

ILLINOIS FED. AID PROJECT

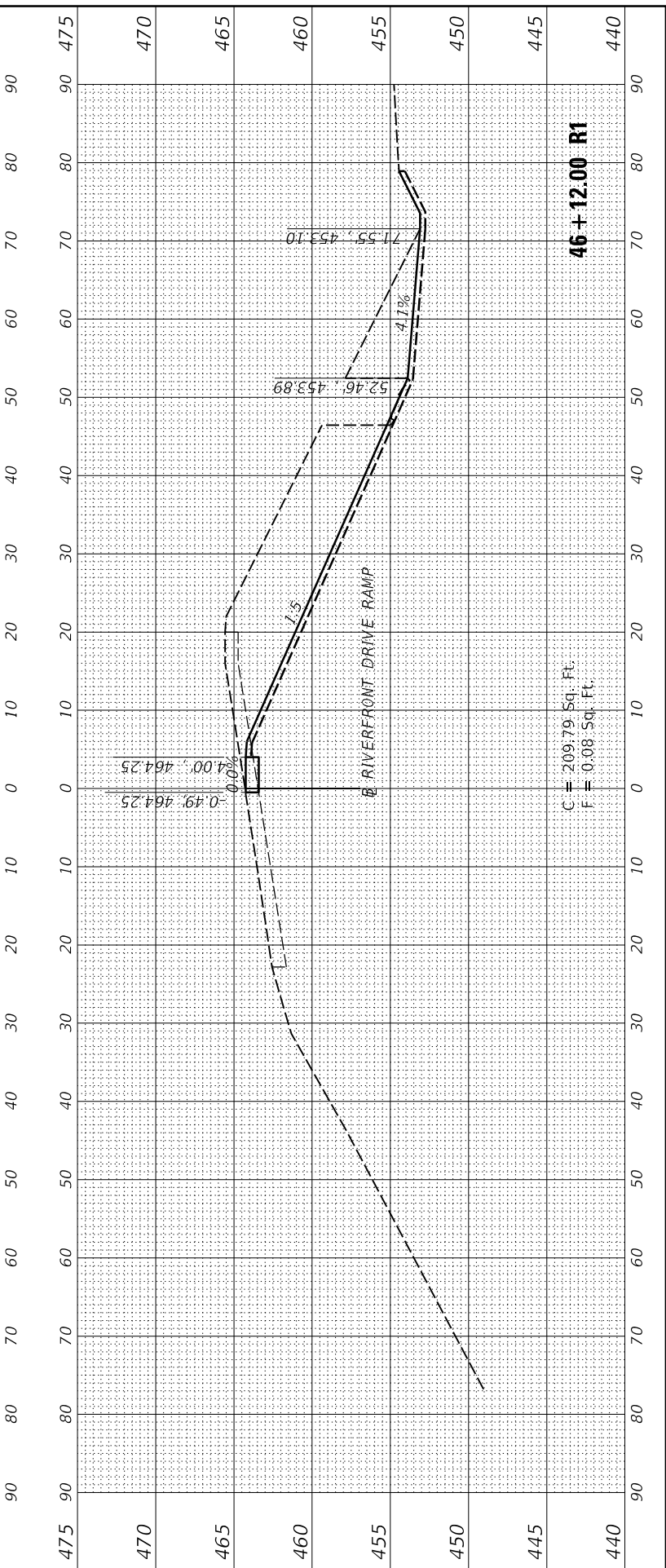
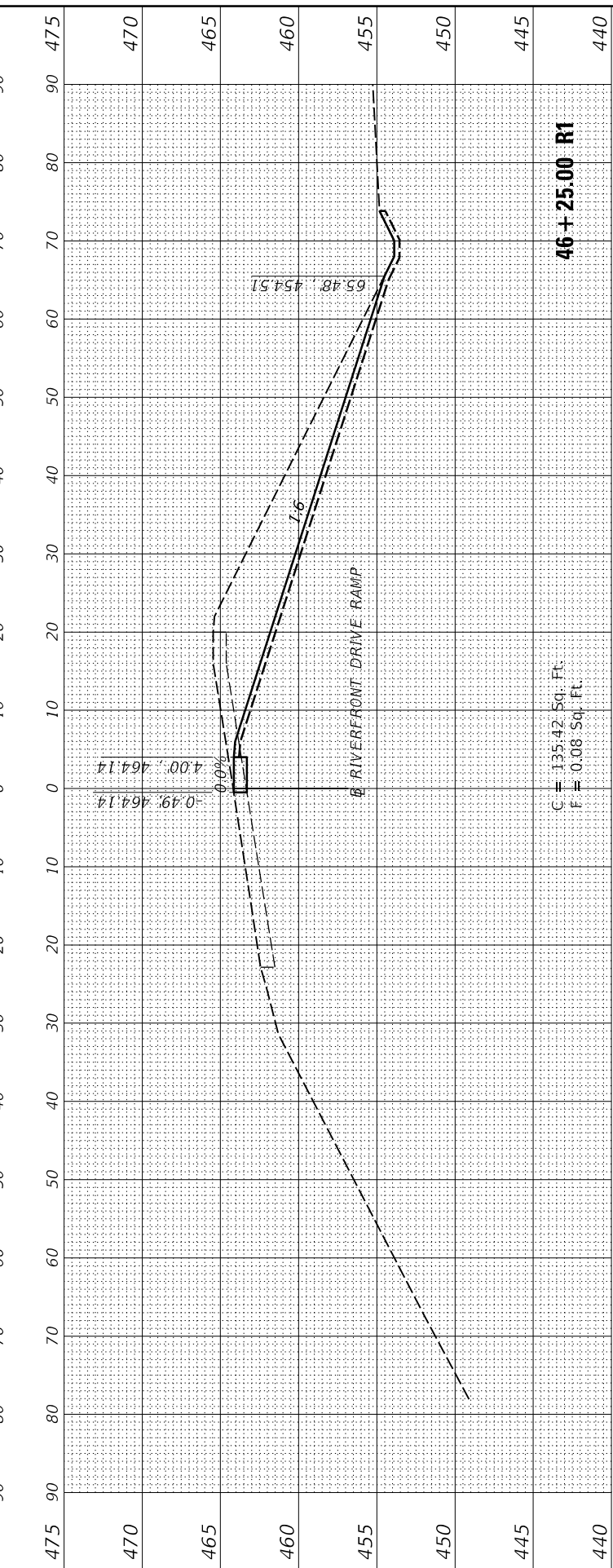
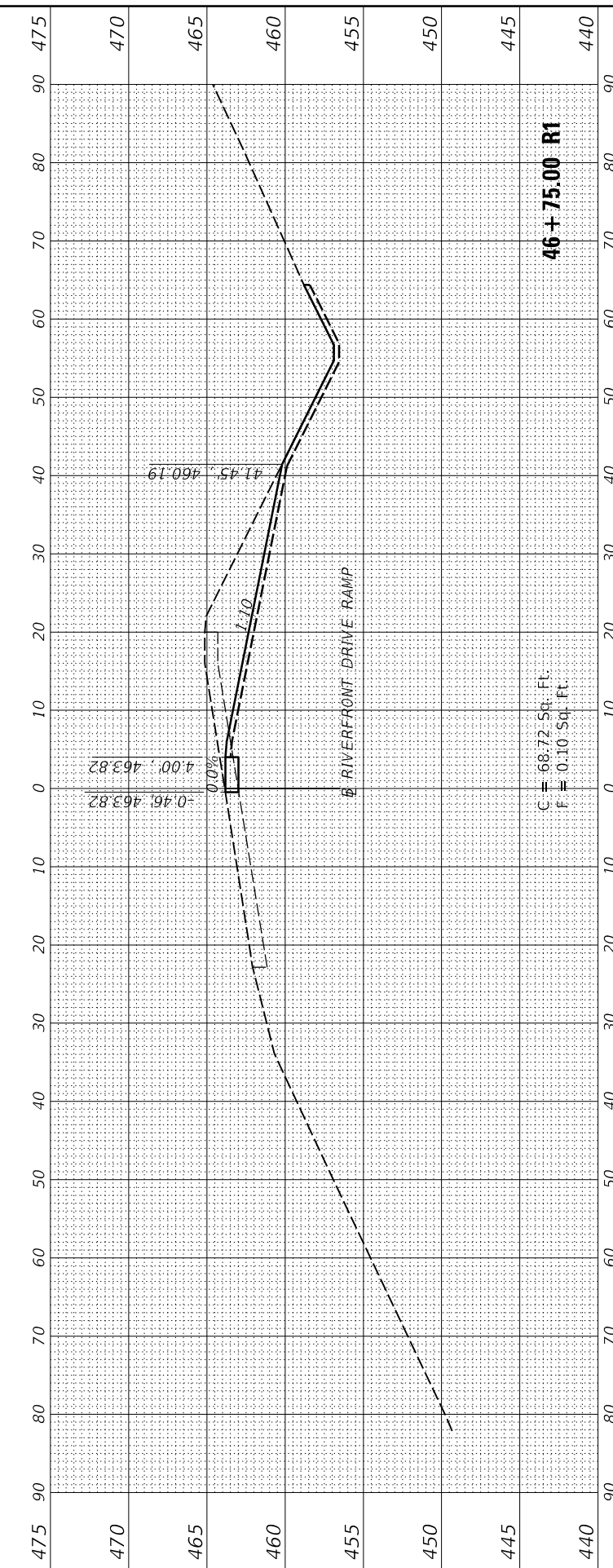
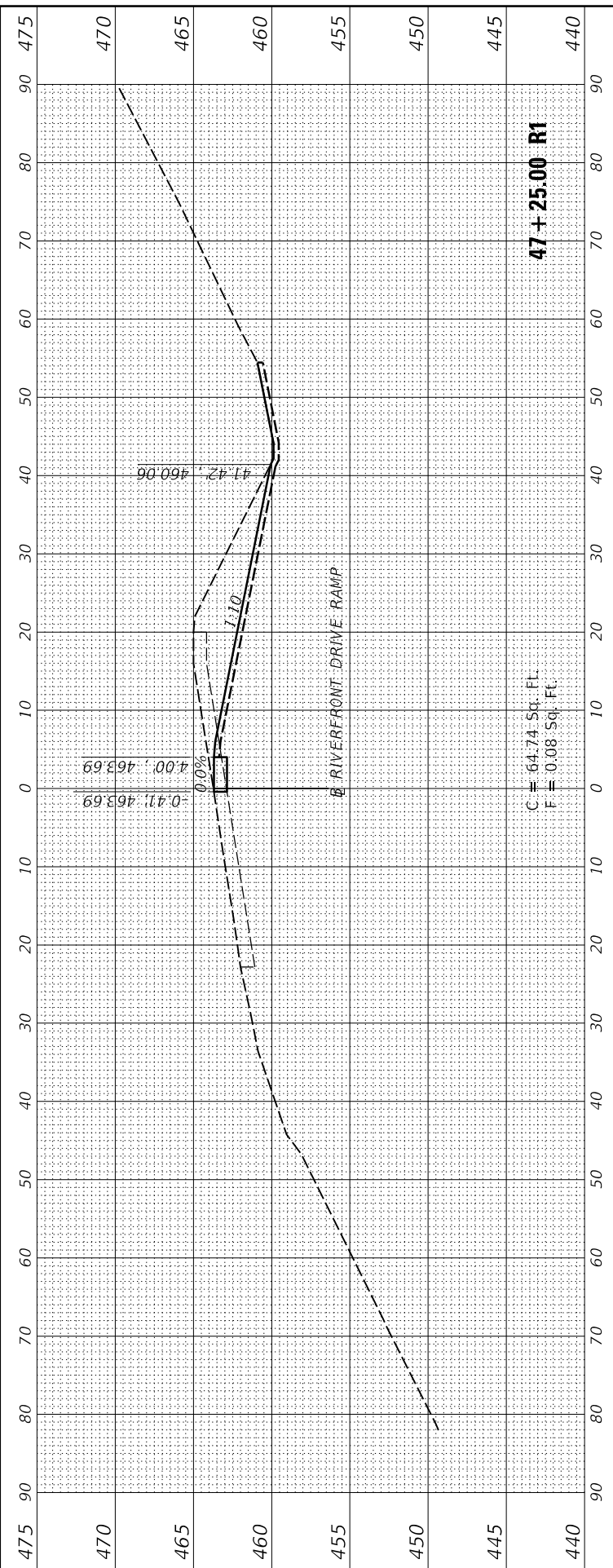
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	AREAS CHECKED		
	AREAS CHECKED		



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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
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DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISD	-
REVISD	-
REVISD	-
REVISD	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)

SCALE: 1"=10' SHEET OF SHEETS STA. 46+12.00 R1 TO STA. 47+25.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68E71				
ILLINOIS		FED. AID PROJECT		

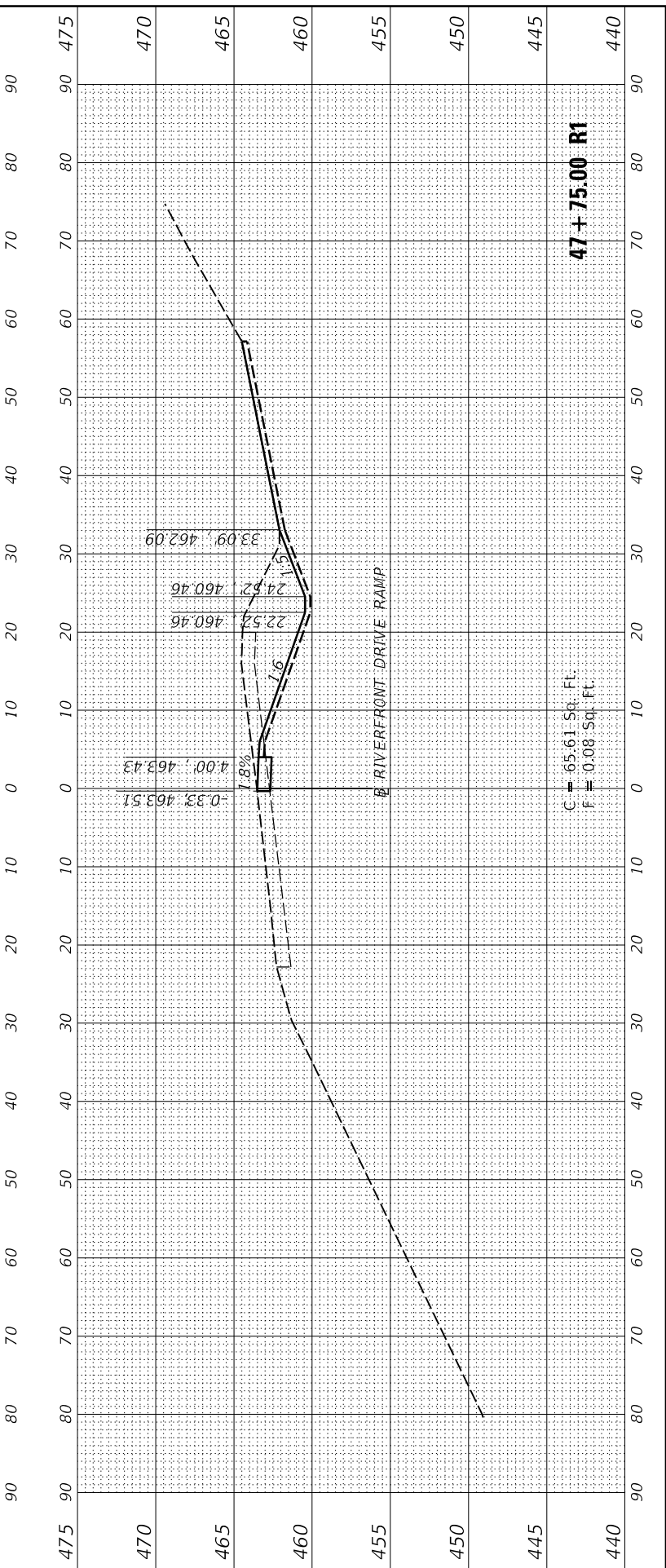
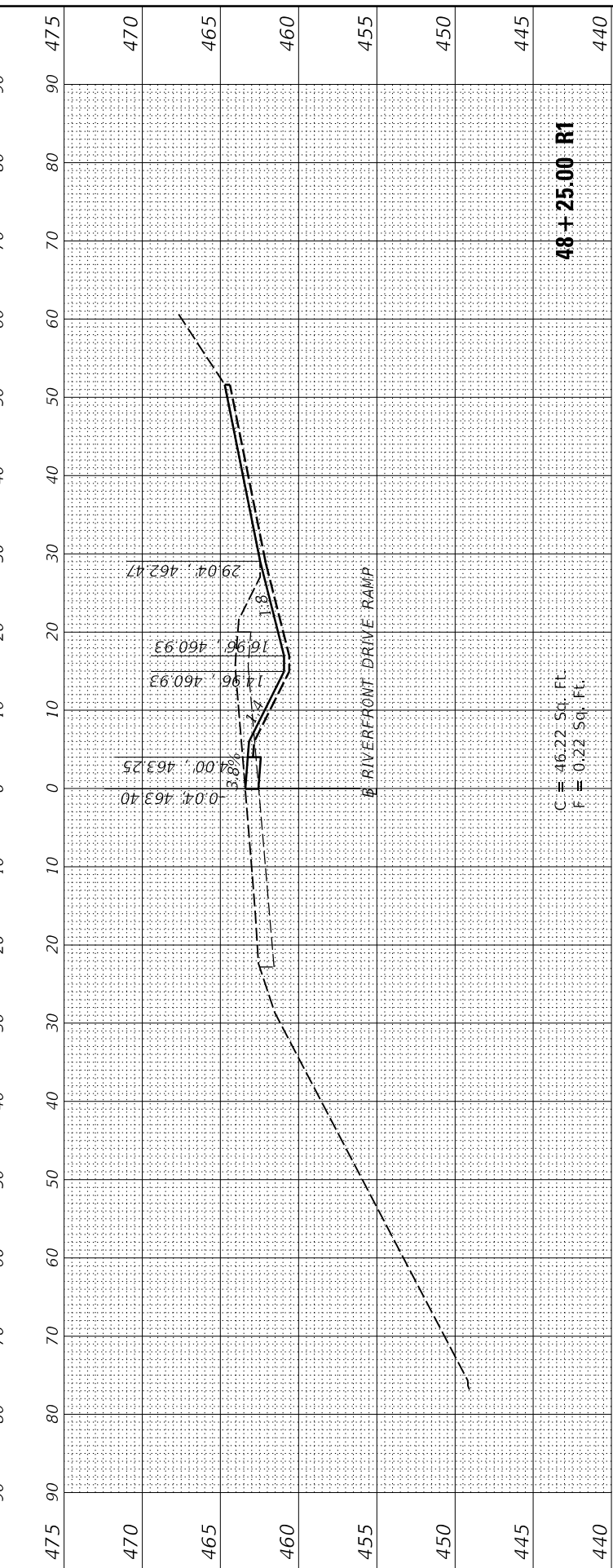
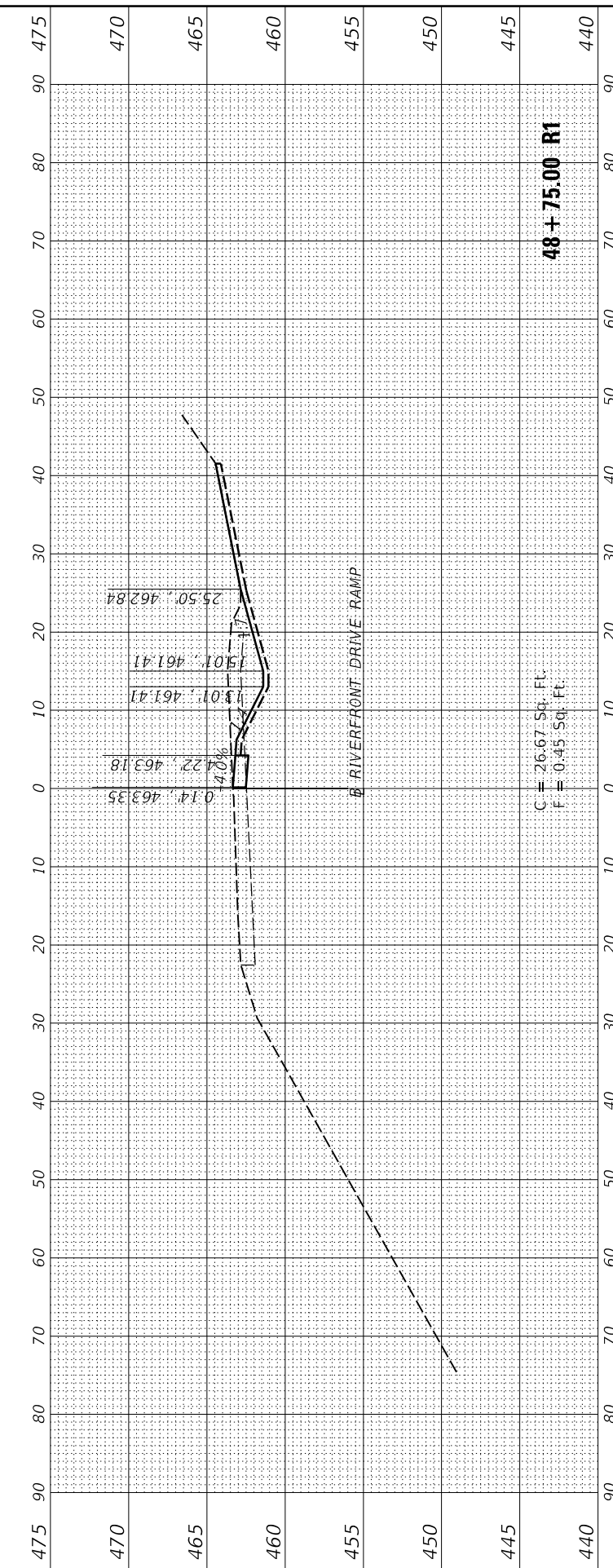
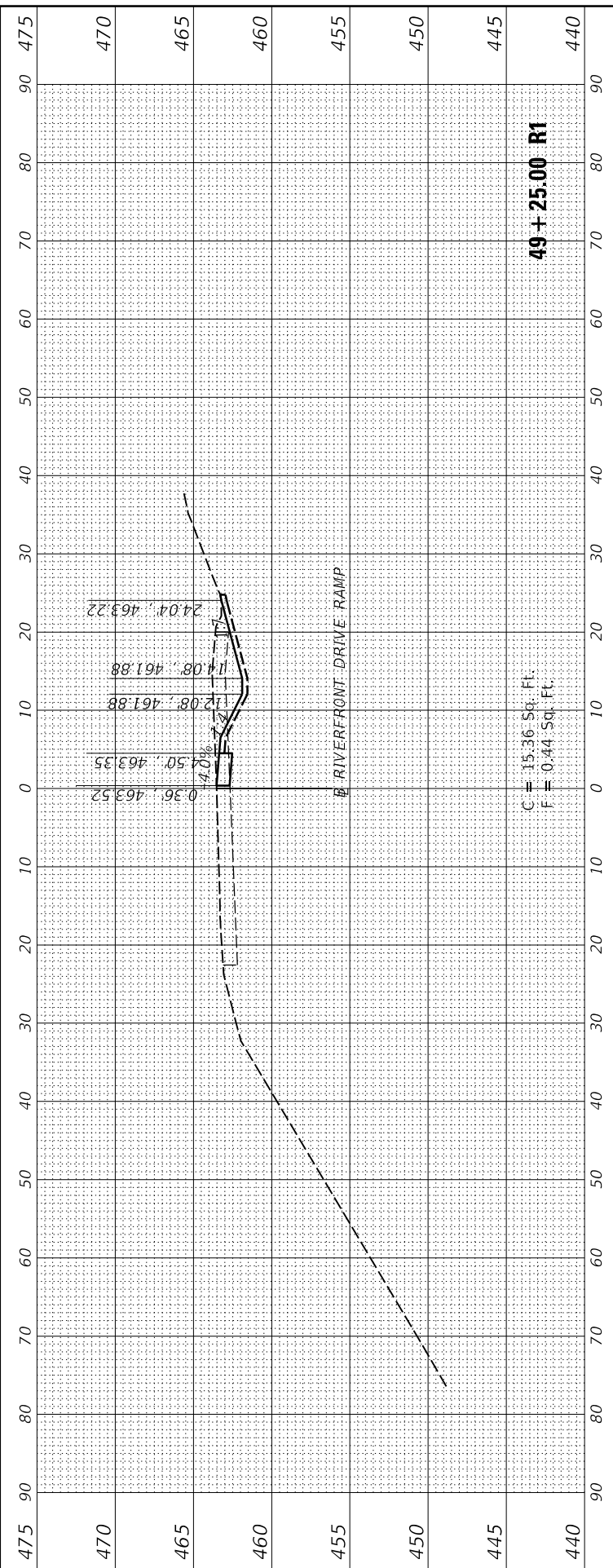
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		
	AREAS CHECKED		



ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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CHECKED	-	MGD
DATE	-	3/21/2019

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REVISD	-	
REVISD	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)

SCALE: 1"=10' SHEET OF SHEETS STA. 47+75.00 R1 TO STA. 49+25.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		

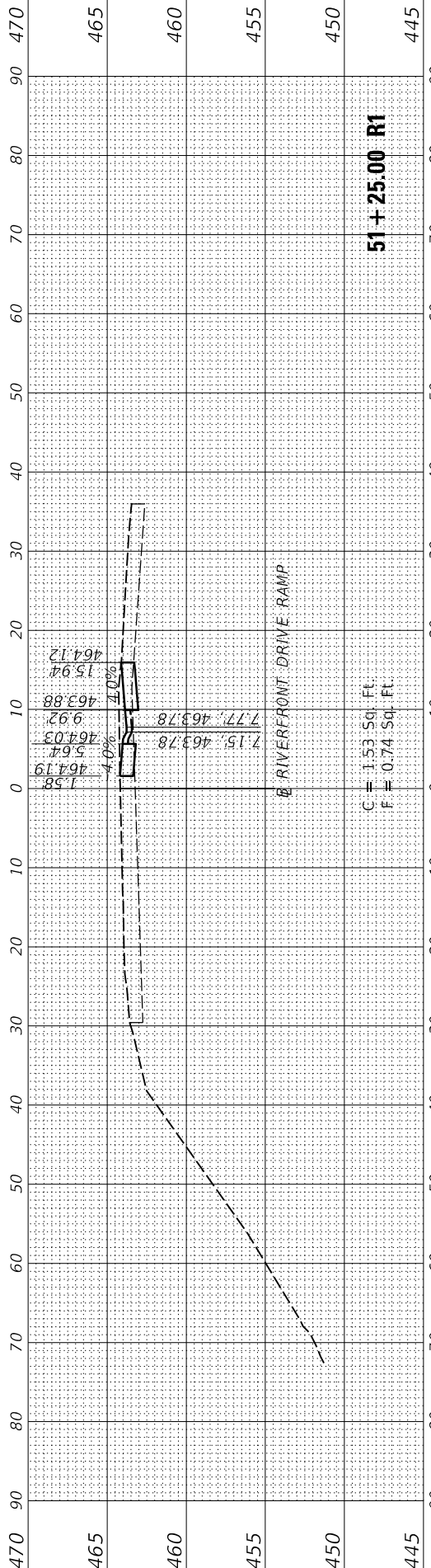
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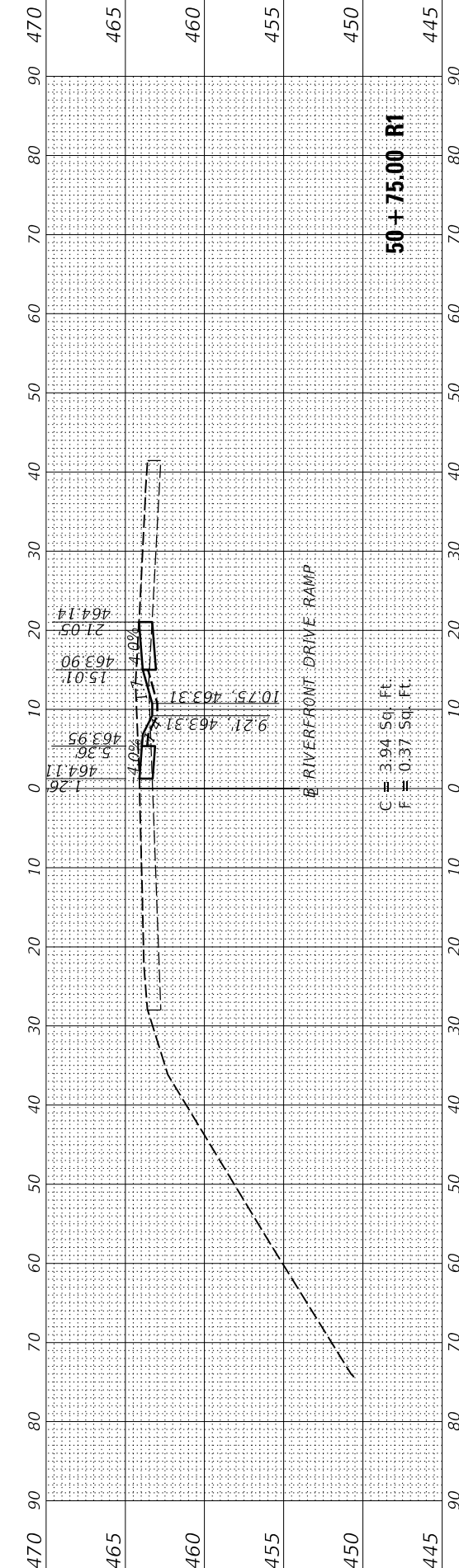
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REVIEWED	MGD	3/20/2019

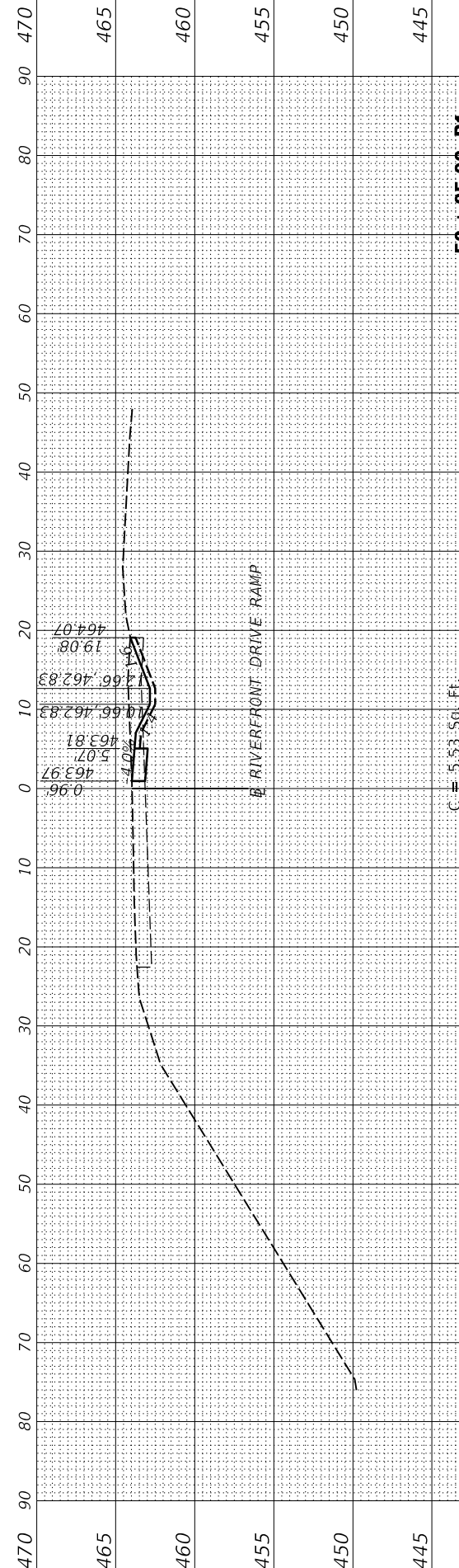
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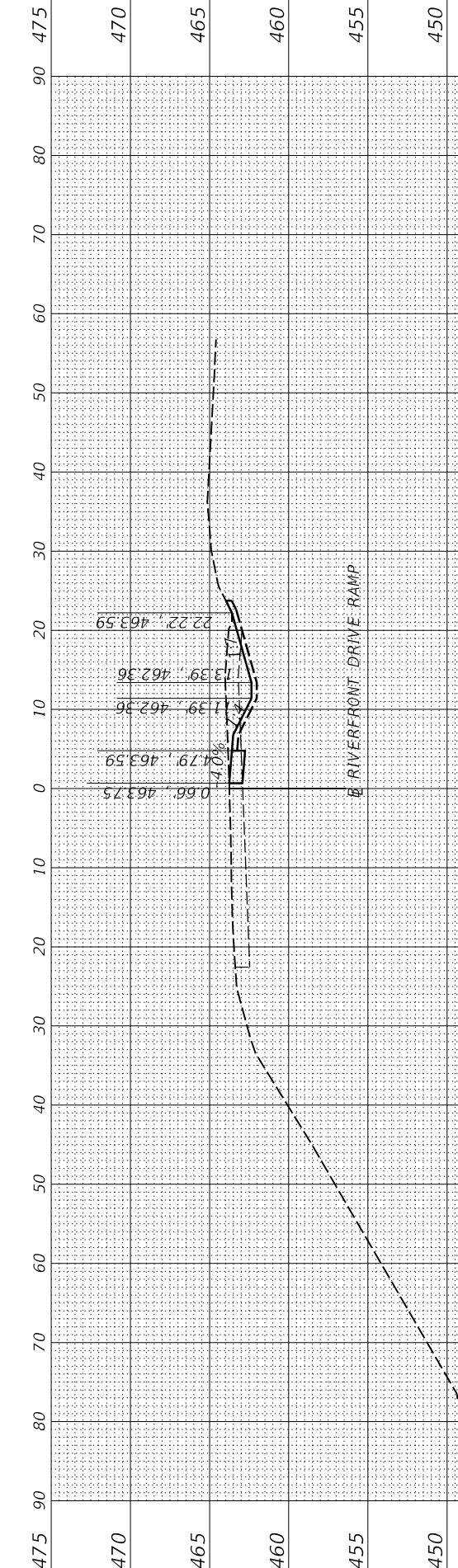
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F = 0.74 Sq. Ft.



C = 3.94 Sq. Ft.
F = 0.37 Sq. Ft.



C = 5.53 Sq. Ft.
F = 0.95 Sq. Ft.



C = 10.75 Sq. Ft.
F = 0.42 Sq. Ft.



USER NAME	= Ander00846
DESIGNED	- BAB
DRAWN	- CAD
CHECKED	- MGD
DATE	- 3/21/2019

REVISIED	-
REVISIED	-
REVISIED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 40 DETOUR ROUTE PREP 2020
CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)

SCALE: 1"=10' SHEET OF SHEETS STA. 49+75.00 R1 TO STA. 51+25.00 R1

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	154
CONTRACT NO.			68E71	

ILLINOIS FED. AID PROJECT

FINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS	BY	DATE

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DRAWN	CAD	2/20/2019
REVIEWED	MGD	3/20/2019

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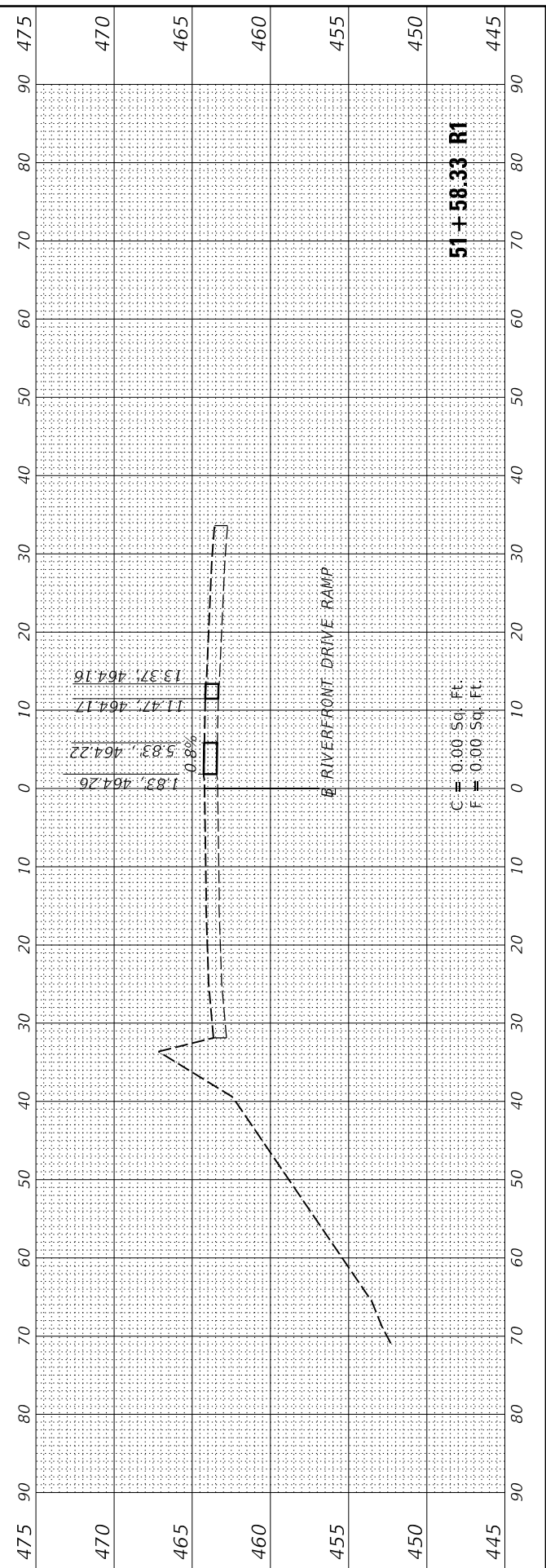


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PLOT DATE = 3/20/2019	CHECKED - MGD	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 40 DETOUR ROUTE PREP 2020
 CROSS SECTIONS - RIVERFRONT DRIVE RAMP RESTORATION (STAGE 4)**

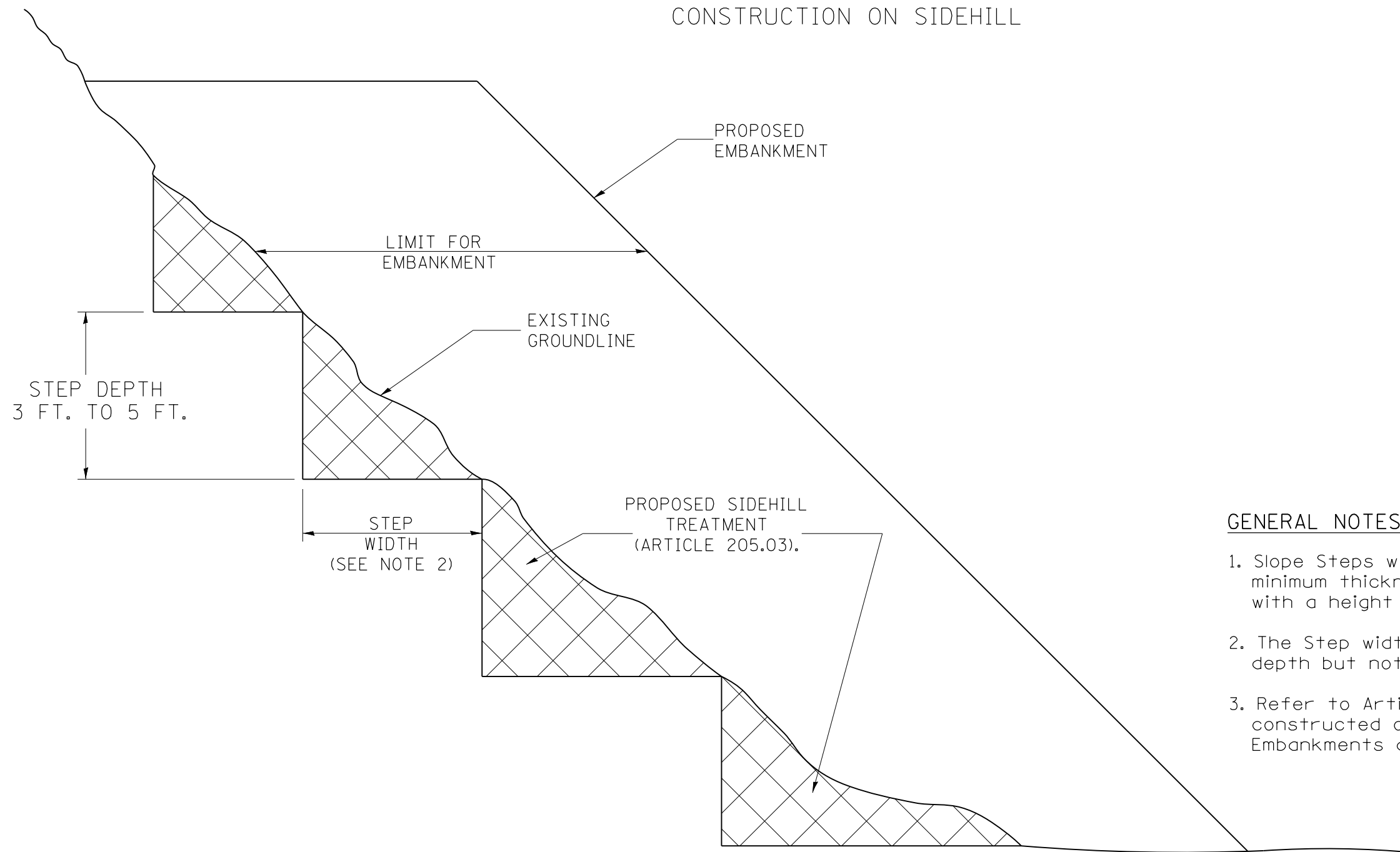
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				

SLOPE STEPS DETAIL

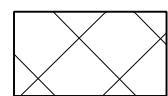
TYPICAL CROSS-SECTION EMBANKMENT CONSTRUCTION ON SIDEHILL



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 SPECIFACATION).

DESIGNED -
 DRAWN -
 REVIEWED -
 MICHEL DUBOIS
 FILE NAME: I:\Jobs\1740085\CAD\RoadSheet\Phase II - East Profile Plans\468E7-1-sh-hillside.dwg

USER NAME = Ander00846	DESIGNED -	REVISED -
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PLOT DATE = 3/21/2019	DATE - 3/21/2019	REVISED -

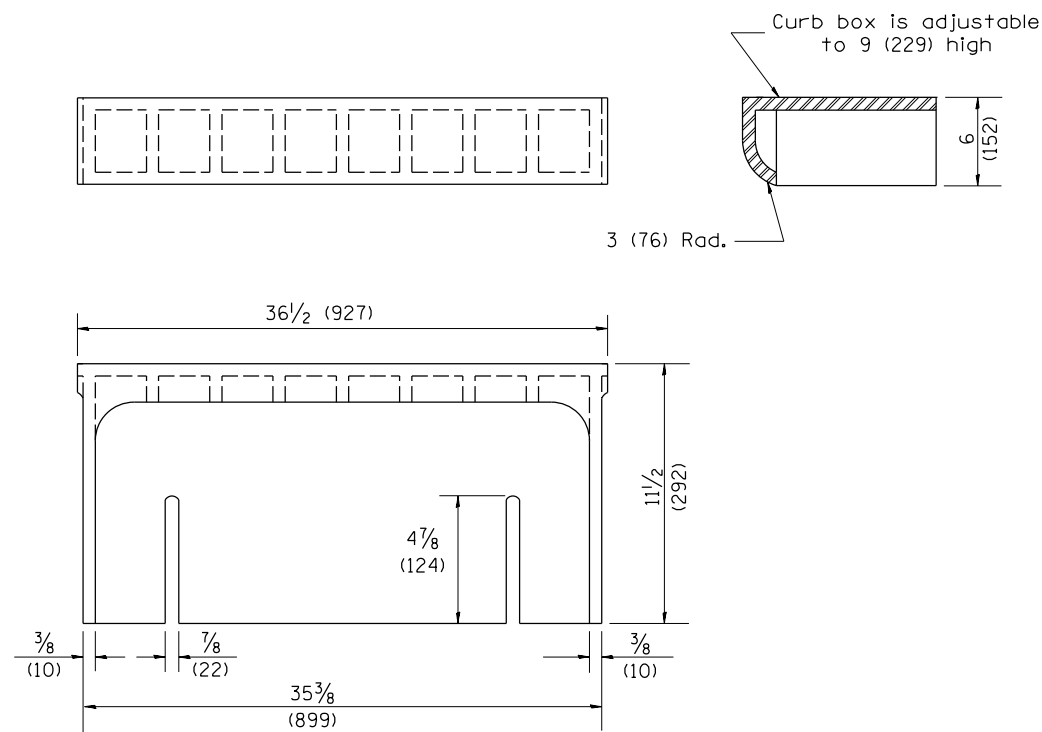
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SLOPE STEPS DETAIL
CADD STD. 205001-D4**

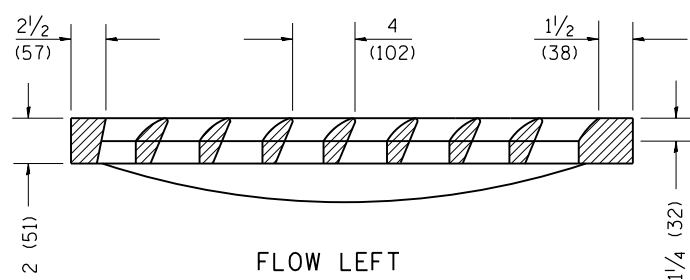
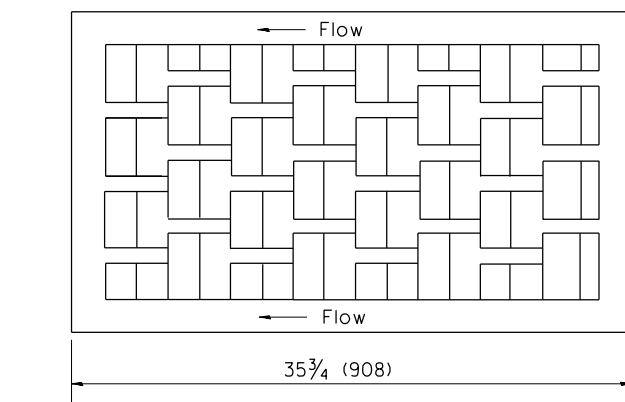
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All dimensions are in inches (millimeters) unless otherwise noted.

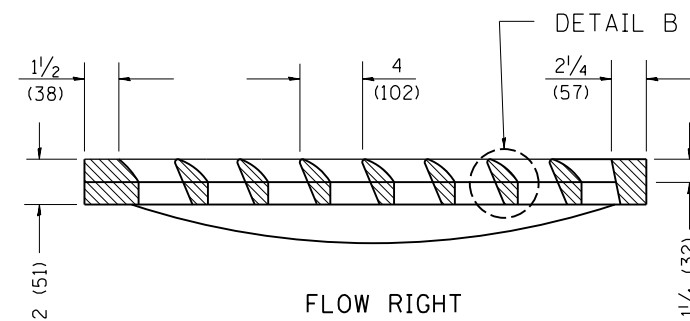
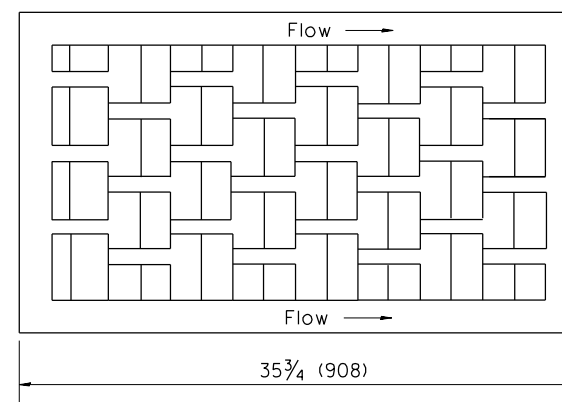
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404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	156
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



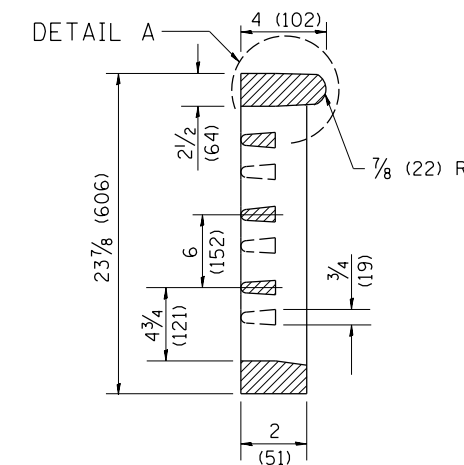
CAST CURB BOX
110 lbs. (50 kg)



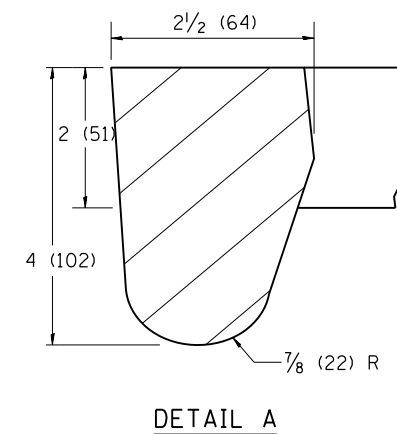
FLOW LEFT



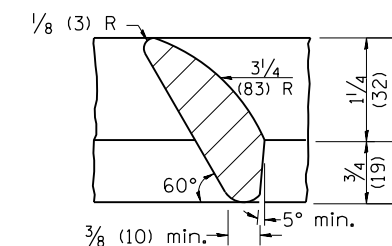
FLOW RIGHT



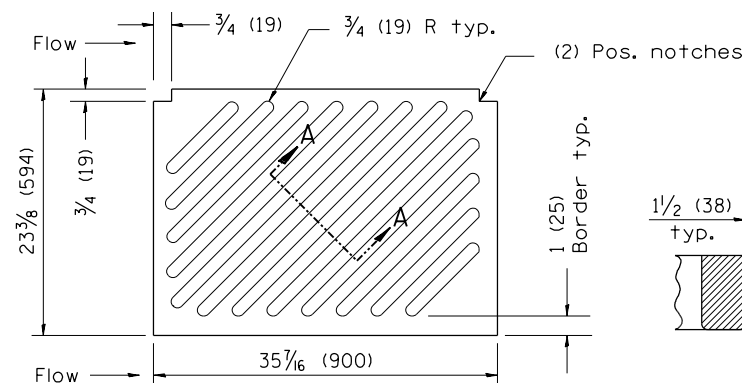
CAST VANE GRATES
(SPECIFY LEFT OR RIGHT FLOW)
230 lbs. (104 KG)



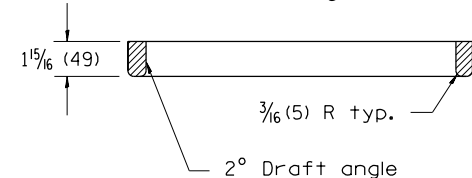
DETAIL A



DETAIL B



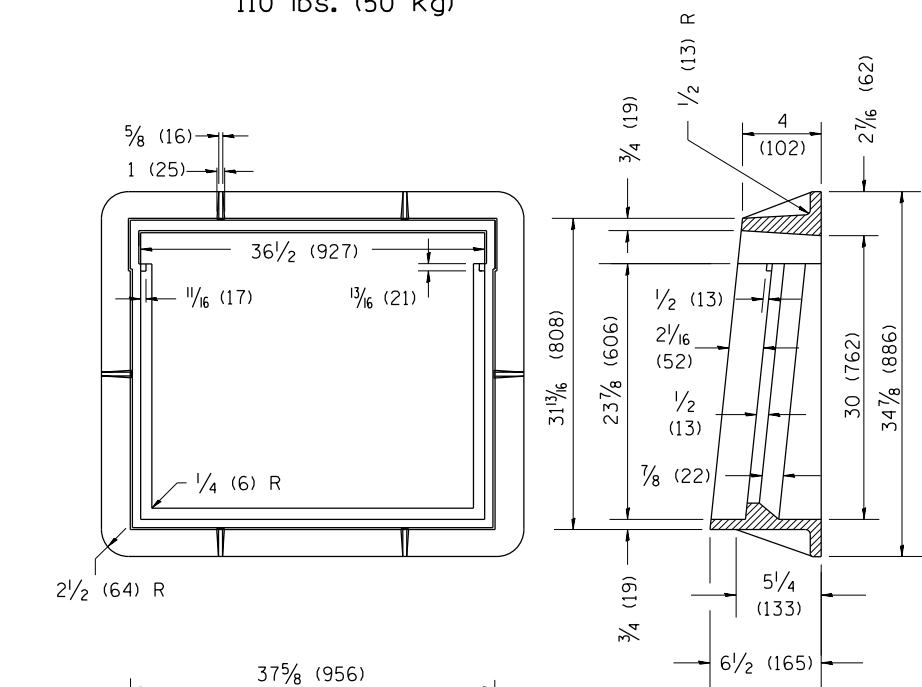
NOTE: Flow right shown



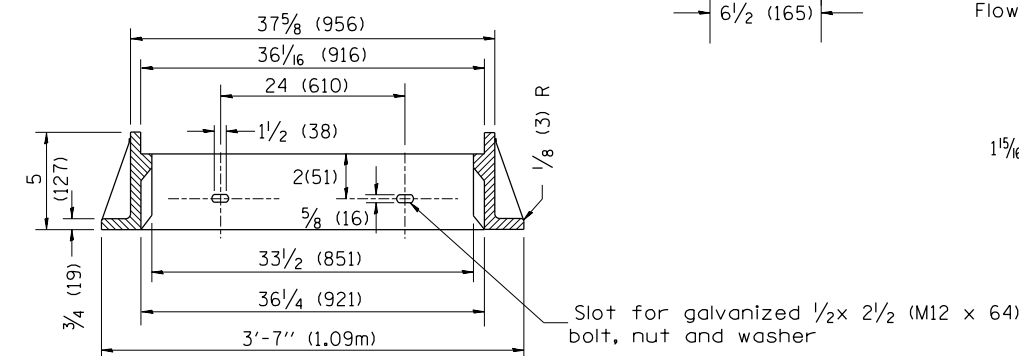
CAST DIAGONAL GRATE
(Reversible for flow)
217 lbs. (98 kg)

GENERAL NOTES

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.



CAST FRAME
271 lbs. (123 kg)



Slot for galvanized 1/2 x 2 1/2 (M12 x 64) bolt, nut and washer

DESIGNED	
DRAWN	
REVIEWED	

NOBEL DESIGN
FILE NUMBER: I:\Jobs\1740085\CADD\Road\Sheet\Phase II - East Profile Plans\0468E1-1-shk-std-auf03.dgn

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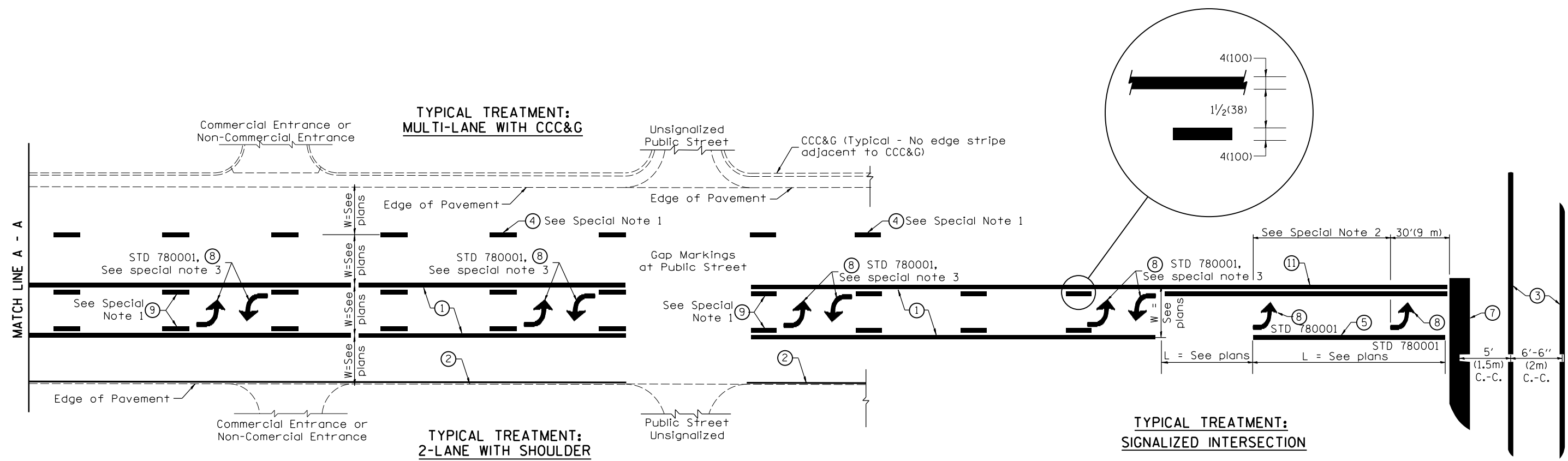
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,
SPECIAL DRAINAGE STRUCTURES (CADD STD. 604001-D4)

SCALE: N/A SHEET OF SHEETS STA. TO STA.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	158
CONTRACT NO.			68E71	
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)

DESIGNED -
 DRAWN -
 REVIEWED -
 MICHEL DUBOIS
 FILE NUMBER: ILL\Jobs\1740085\CADD\Road\Street\Phase II - East - Peoria - Plans\0468E7-1-shk-std-std-ar04.dgn

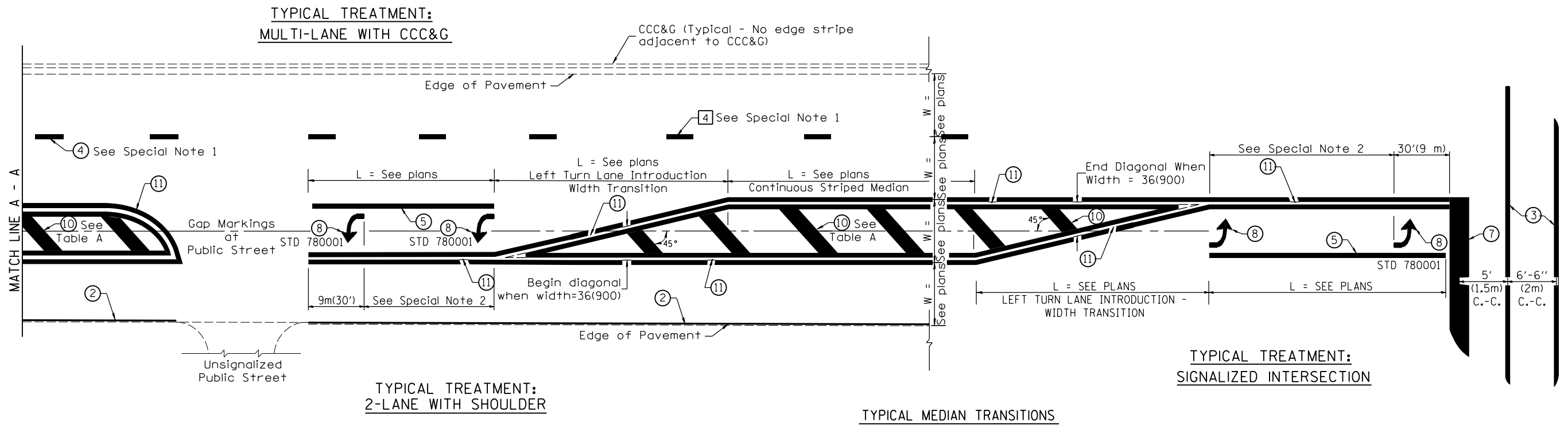
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PLOT SCALE = 100.00' / In.	DRAWN -	REVISED -
PLOT DATE = 3/21/2019	CHECKED -	REVISED -
	DATE - 3/21/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS
CADD STD. 780001-D4**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

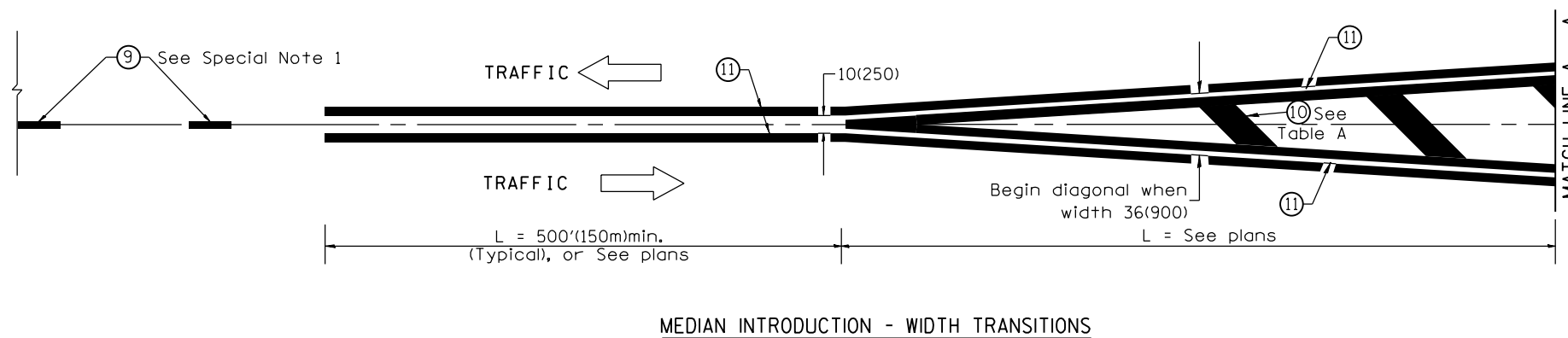
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA	160	159
CONTRACT NO.			68E71	
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
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)



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

DESIGNED	
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REVIEWED	

NOBEL DESIGN
FILE NAME: I:\Jobs\1740085\CADD\RoadSheetPhase II - East Peoria Plans\0468E71-shk-std-std-05.dgn

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	DRAWN -	REVISED -
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PLOT DATE = 3/21/2019	DATE - 3/21/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL PAVEMENT MARKINGS
CADD STD. 780001-D4

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
404	D4 IL 40 DETOUR PREP 2020	PEORIA TAZEWELL	160	160
CONTRACT NO.			68E71	
ILLINOIS		FED. AID PROJECT		