

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
669	(101,11,12,104)PP	TAZEWELL	31	1
		ILLINOIS		CONTRACT NO. 68E92

INDEX OF SHEETS

- 1. COVER SHEET
- 2-3. GENERAL AND JOB SPECIFIC NOTES
- 4-5. SUMMARY OF QUANTITIES
- 6-7. SCHEDULE OF QUANTITIES
- 8-13. TYPICAL SECTIONS
- 14. LINE DIAGRAM
- 15-26. PAVEMENT MARKING PLANS
- 27-28. DETECTOR LOOP
- 29. DETAIL
- 30-31. CADD STANDARDS

HIGHWAY STANDARDS

- 420111-04
- 701602-10
- 701701-10
- 701901-08
- 780001-05
- 886001-01
- 886006-01

DISTRICT STANDARDS

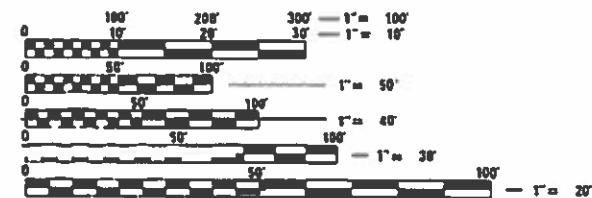
- 780001-D4

IL 29

AADT = 27200 (2018)

MU = 1.56% (2018)

SU = 2.11% (2018)



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

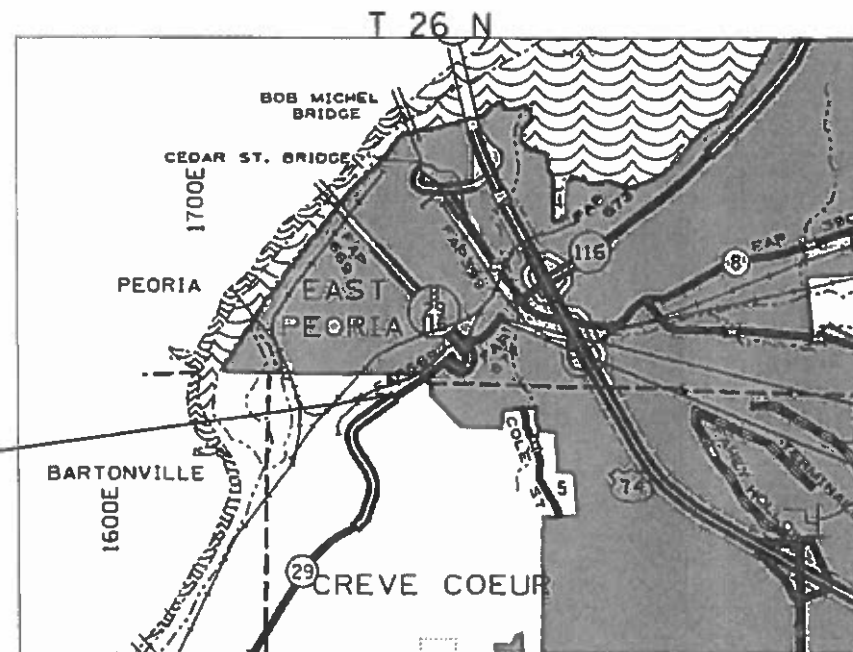
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-992-0123
OR 811

PROJECT ENGINEER: MIKE MOHAMED (309)-671-3462
PROJECT MANAGER: CHRISTOPHER MAUSHARD (309)-671-3453
CATALOG NO.035735-00D
CONTRACT NO. 68E92

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 669 /673
IL 29 /IL 8 /IL 116 /US 24
SECTION (101,11,12,104)PP
PROJECT
PAVEMENT PATCHING
TAZEWELL COUNTY

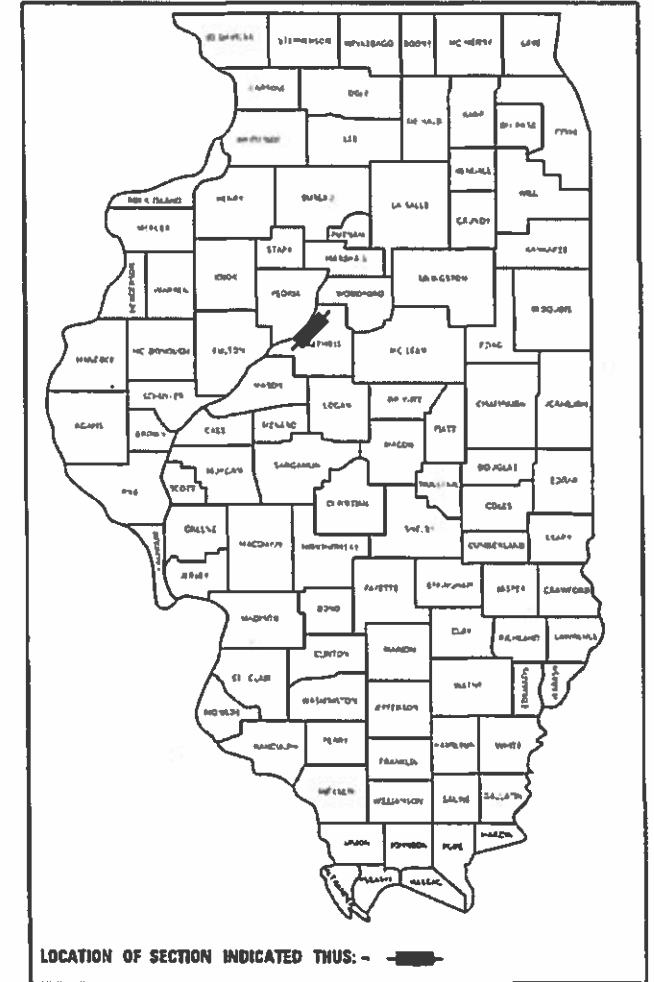
C-94-043-19



IMPROVEMENT ENDS
STA 86+25

IMPROVEMENT BEGINS
STA 1+88
STA EQ. STA 34+97 (BK) =
STA 00+93 (AH)

GROSS LENGTH = 5,223 FT. = 0.99 MILE
NET LENGTH = 5,223 FT. = 0.99 MILE



LOCATION OF SECTION INDICATED THUS: -

DESCRIPTION:
PATCHING ON IL 29/US 24/IL 8/IL 116
FROM WESLEY ROAD IN CREVE COEUR
TO CAMP ST IN EAST PEORIA

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16 2019

[Signature]
REGIONAL ENGINEER

June 20 2019
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 20 2019
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

406.05 POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb /sq ft
Existing Pavement	0.08 lb /sq ft
Fog Coat (between lifts)	0.08 lb /sq ft

406.10 HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	PARTIAL DEPTH PATCHING	PATCHING "D" FULL DEPTH (ALL LIFTS)	LONGITUDINAL JOINT REPAIR
AC/PC:	64-22	64-22	64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition (Gradation Mixture):	IL 9.5	IL 9.5	IL 9.5
Friction Aggregate:	MIX D	MIX D	MIX D
Quality Management:	QC/QA	QC/QA	QC/QA

Notes:

- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum.
- 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.
- 3) Sublot sizes for PFP and QCP mixes will be 1,000 tons, unless otherwise agreed to by the Engineer and the paving Contractor.

701.01 ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

JOB SPECIFIC NOTES:

Tack coat cost of 0.08 lb/sqft should be included on the cost for longitudinal joint.

MODEL: Default
 FILE: Model: P:\pub\lancorn.dwg
 I:\links\gov\PI\DOT\Documents\DOT_Offices\Dir\trc_4\Project\ID4_68E92\CAD\Drawn\CAD\Sheet\ID468E92-ht-egmnote.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

JOB SPECIFIC NOTES & GENERAL NOTES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	3
CONTRACT NO. 68E92			ILLINOIS FED. AID PROJECT	

MODEL:\Dof\aut FILE:\NEW\PLAN\comdes\illinois\sup\DOT\Documents\DOT OF\ices\District 4\Projects\14_68E92\CADD\as\CD\sheet\1468E92-ant-S00.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONST. CODE
				0006 100% STATE URBAN TAEWELL
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	63.9	63.9
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SQ YD	16	16
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2
60260100	INLETS TO BE ADJUSTED	EACH	1	1
60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1
67100100	MOBILIZATION	L SUM	1	1
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	46	46
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	901	901
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	25908	25908
* 78001140	PAINT PAVEMENT MARKING - LINE 8"	FOOT	917	917
* 78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	380	380
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	249	249

*= SPECIALTY ITEM

USER NAME = covarrubiesg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAEWELL	31	4
CONTRACT NO. 68E92				

ILLINOIS FED. AID PROJECT

PARTIAL DEPTH PATCHING				
Location	Partial Depth Patching (Special) SQ YD		Partial Depth Patching TONS	
	NB Lane	SB Lane	NB Lane	SB Lane
	Wesley Rd to Ravine St	168.00	40.00	37.63
Ravine St to Pekin St	298.67	112.00	66.90	25.09
Pekin St to Washington St	45.33	58.67	10.15	13.14
Washington St to Springfield Rd	105.33	0.00	23.59	0.00
Springfield Rd to End	177.11	33.33	39.67	7.47
Sub-Total	794.44	244.00	177.96	54.66
Totals	1,038.4		232.6	

CLASS D PATCHES 15 INCH				
Location	TYPE II Patching SQ YD		TYPE III Patching SQ YD	
	NB Lane	SB Lane	NB Lane	SB Lane
Wesley Rd to Ravine St	21.30		16.00	
Ravine St to Pekin St	26.60			
Pekin St to Washington St	8.00			
Washington St to Springfield Rd	8.00			
Springfield Rd to End				
Sub-Total	63.90	0.00	16.00	0.00
Totals	63.9		16.0	

LONGITUDINAL JOINT REPAIR	
Location	LENGTH FT
	NB & SB Lanes
Wesley Rd to Ravine St	562.00
Ravine St to Pekin St	1159.00
Pekin St to Washington St	270.00
Washington St to Springfield Rd	30.00
Springfield Rd to End	53.00
Totals	2,074.0

MANHOLES TO BE ADJUSTED		
Location	EACH	
	NB Lane	SB Lane
Wesley Rd to Ravine St	1.00	
Ravine St to Pekin St		
Pekin St to Washington St		
Washington St to Springfield Rd		1.00
Springfield Rd to End		
Sub-Total	1.00	1.00
Totals	2.0	

INLETS TO BE RECONSTRUCTED		
Location	EACH	
	NB Lane	SB Lane
Wesley Rd to Ravine St		
Ravine St to Pekin St	1.00	
Pekin St to Washington St		
Washington St to Springfield Rd		
Springfield Rd to End		
Sub-Total	1.00	0.00
Totals	1.0	

INLETS TO BE ADJUSTED		
Location	EACH	
	NB Lane	SB Lane
Wesley Rd to Ravine St		
Ravine St to Pekin St	1.00	
Pekin St to Washington St		
Washington St to Springfield Rd		
Springfield Rd to End		
Sub-Total	1.00	0.00
Totals	1.0	

MODEL: Default
 FILE: \\p101bancom.dta\illinois.gov\PI\DOT\Documents\DOT_Offices\Illinet\4\Projects\IDA_68E92\CAD\Drawn\CAD\Drawn\68E92-ht-schedule.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	6
CONTRACT NO. 68E92			ILLINOIS FED. AID PROJECT	

DETECTOR LOOP, TYPE 1		
Location	FOOT	
	NB Lane	SB Lane
Wesley Rd to Ravine St		
Ravine St to Pekin St		
Pekin St to Washington St	93.00	
Washington St to Springfield Rd		
Springfield Rd to End		316.00
Sub-Total	93.0	316.0
Totals	409.0	

TRAFFIC CONTROL & PROTECTION		
Location	STD. 701602	STD. 701701
	L SUM	L SUM
JOBSITE	1.00	1.00
Totals	1	1

MOBILIZATION	
Location	L SUM
JOBSITE	1
Total	1

CHANGEABLE MESSAGE SIGN	
Location	CAL DAYS
JOBSITE	46
Total	46

PAVEMENT MARKING SCHEDULE												
LOCATION	LENGTH	LINE-4"	SKIP DASH 4"	SKIP DASH 4"	LINE-4"	LINE-6"	LINE-8"	LINE-12"	LINE-24"	LETTERS & SYMBOLS		
		WHITE	WHITE	YELLOW	YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE		
		FT	FT	FT	FT	FT	FT	FT	FT	SQ. FT		
IL 29												
86+25	TO	81+00	525	1,050	263	263	1,050			93.6		
81+00	TO	76+00	500	1,000	250	250	1,000			62.4		
76+00	TO	70+50	550	1,038	275	275	1,100			93.6		
70+50	TO	65+00	550	1,100	275	275	1,100			62.4		
65+00	TO	61+00	400	745	200	106	1,217	33	143	31.2		
61+00	TO	56+00	500	843	250	0	1,400	74	76			
56+00	TO	52+50	350	758	175	0	704			15.6		
52+50	TO	49+00	350	624	175	0	621			46.8		
49+00	TO	45+00	400	1,112	150	0	731	165	34	93.6		
45+00	TO	41+00	400	1,071	154	0	618	269	59	109.2		
41+00	TO	37+00	400	1,056	149	0	780	376	84	93.6		
37+00	TO	34+97	203	438	156	0	758		120	36		
STATION EQUATION STA. 34+97BK = 0+93AH												
0+93	TO	1+48	55	108	30	0	216		42.5	36	199.2	
TOTAL				10,943	2,501	1,169	11,295	0	917	380	249	901

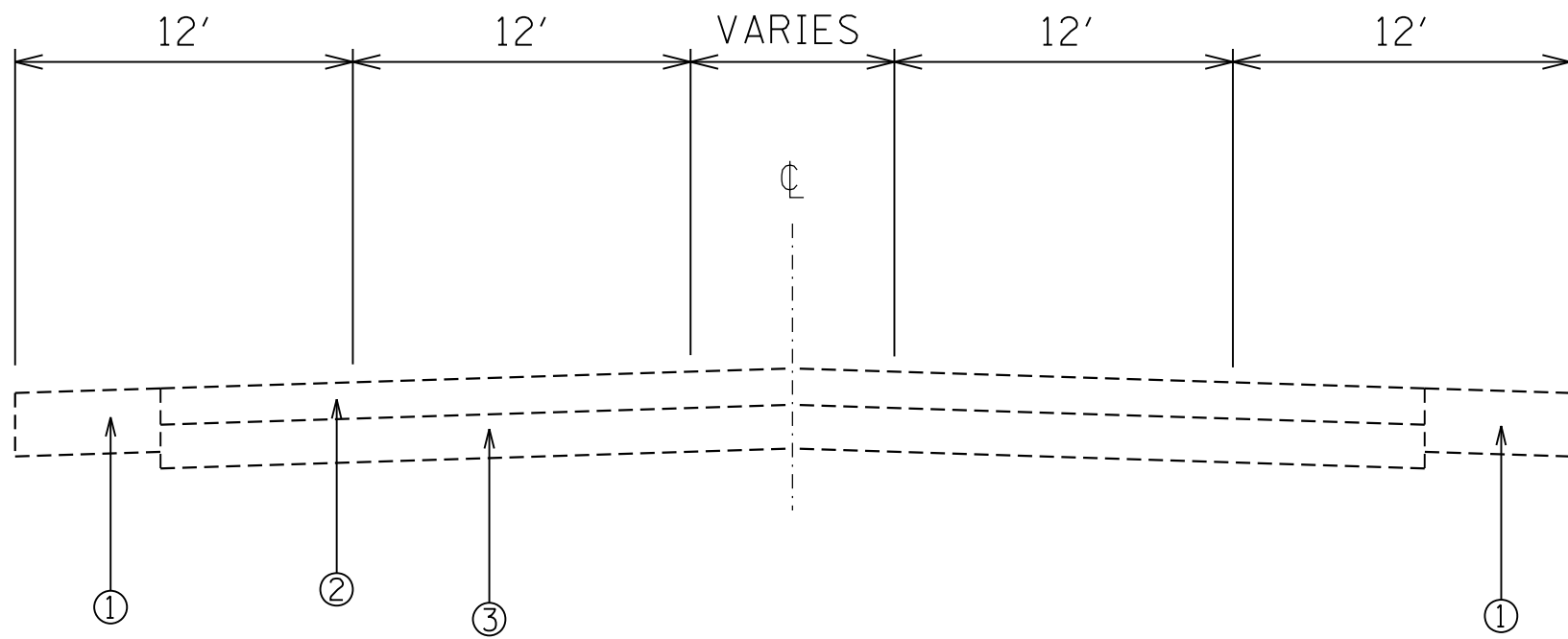
MODEL: Default
 FILE: \\nrcs-pub\pubroom\dat\illinois\pwr\DOT\Documents\DOT_Offices\Default - Project\DATA_68E92\CAD\DATA\CAD\Sheets\1468E92-ht-schedule.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	7
CONTRACT NO. 68E92				
		ILLINOIS	FED. AID PROJECT	



Typical Section ①
 STA 34+97 TO 48+35
 STA EQ 34+97 BK TO 0+93 AH
 STA 0+93 TO 1+88
 IL 29/IL 8/IL 116/US 24

- ① EXISTING SHOULDER
- ② EXISTING BITUMNIOUS SURFACE 3"
- ③ EXISTING BITUMNIOUS PAVEMENT 4"

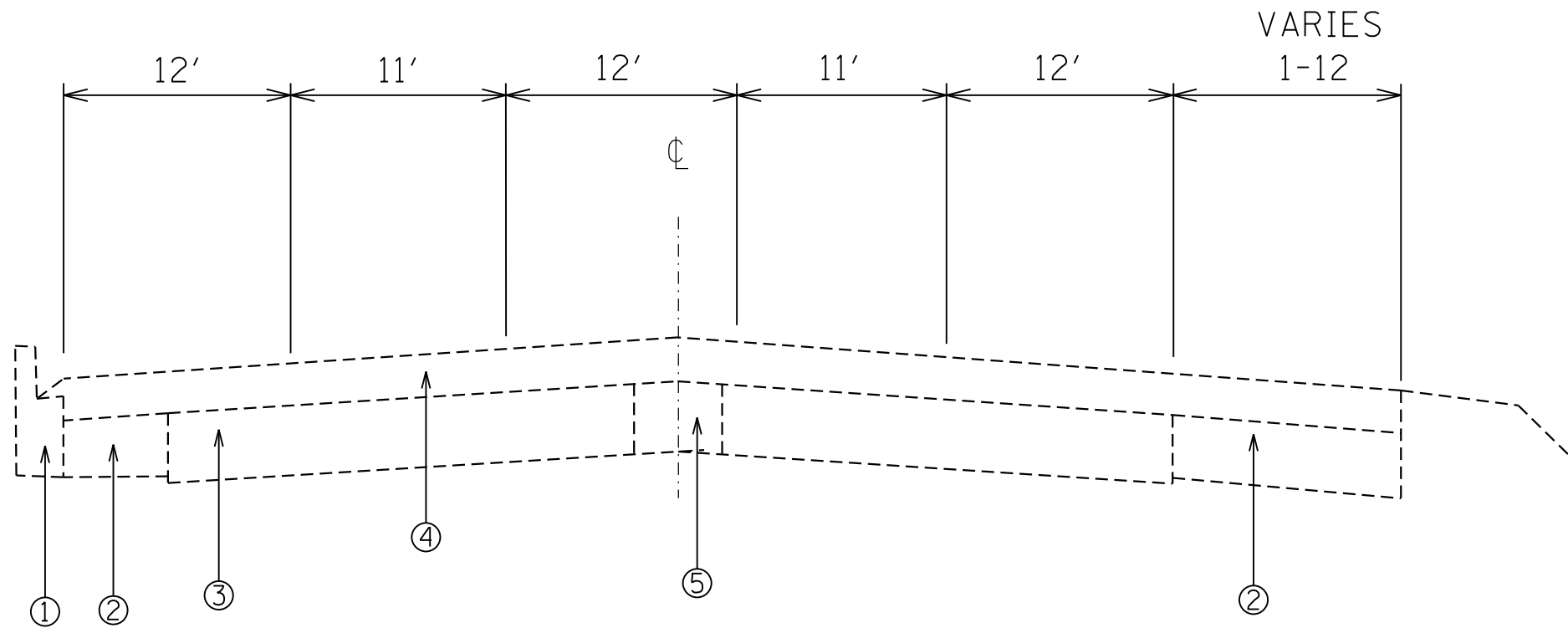
MODEL: Default
 FILE: Model: 669\planroom.dwg\Illinois.gov\PIIDOT\Documents\DOT_Offices\District_4\Projects\ID4_68E92\CAD\Drawn\CAD\Drawn\ID468E92-ht-cyplcal.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS			
SCALE:	SHEET 1	OF 6 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEVELL	31	8
CONTRACT NO. 68E92				
ILLINOIS		FED. AID PROJECT		



Typical Section ⑤
 STA 70+39 TO 76+60
 IL 29/IL 8/IL 116/US 24

- ① EXISTING CURB & GUTTER
- ② EXISTING PCC BASE CSE WIDENING 10"
- ③ EXISTING PCC PAVEMENT 9"
- ④ EXISTING BITUMINOUS SURFACE 4"
- ⑤ EXISTING MEDIAN
- ⑥ EXISTING BITUMINOUS SHOULDER

MODEL: Default
 FILE: Model: 20190516100000.dwg
 PROJECT: 68E92-CH-104X-PP
 OFFICE: CHICAGO
 DATE: 5/16/2019

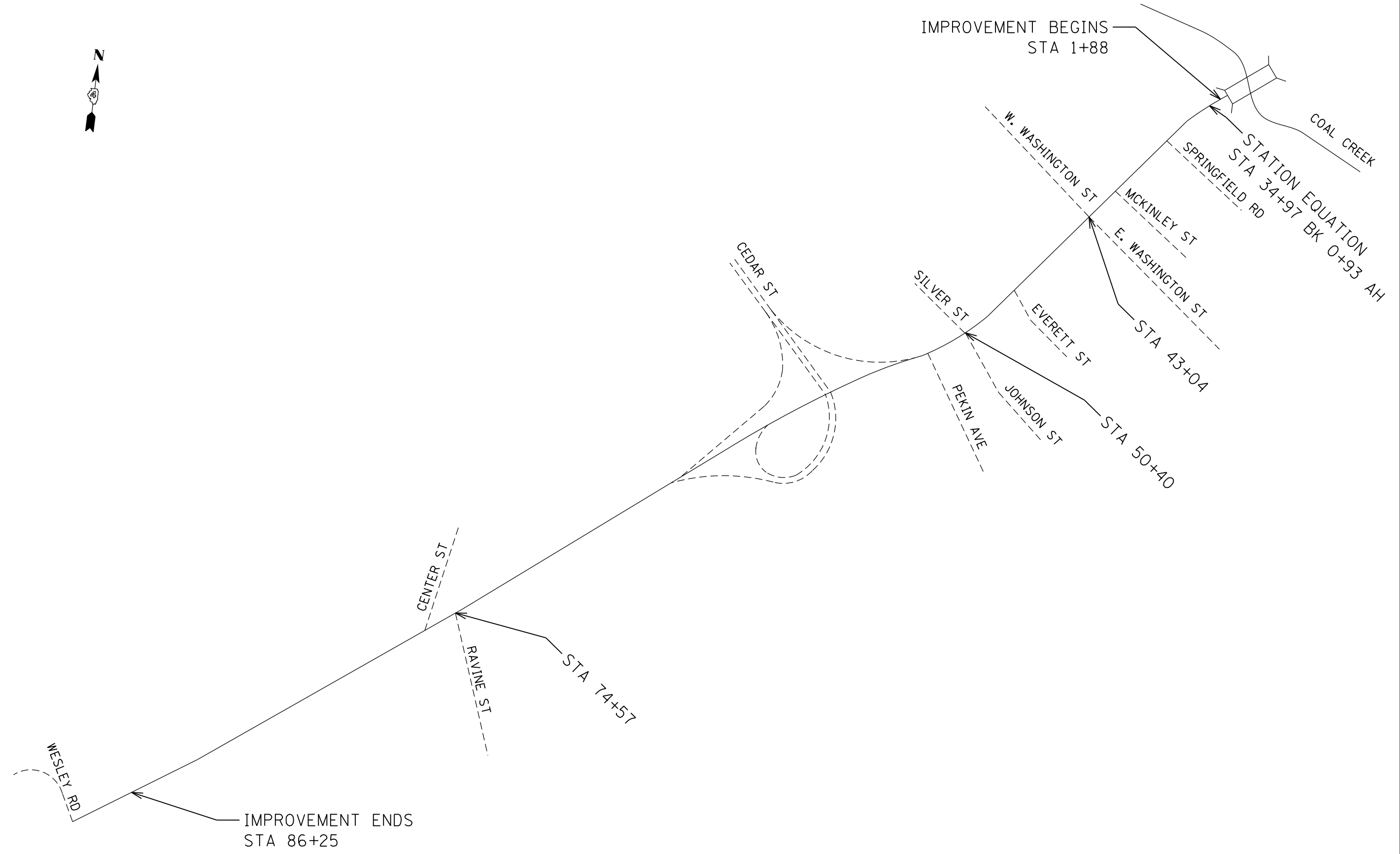
USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING TYPICAL SECTIONS

SCALE: SHEET 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	12
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE: \\nrcs-pub\pubroom\data\illinois.gov\PWIDOT\Documents\DOT_Offices\District_4\Projects\ID4_68E92\CADD\Drawings\CD\Sheets\ID468E92-CH-Line_Diagram.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 2,000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

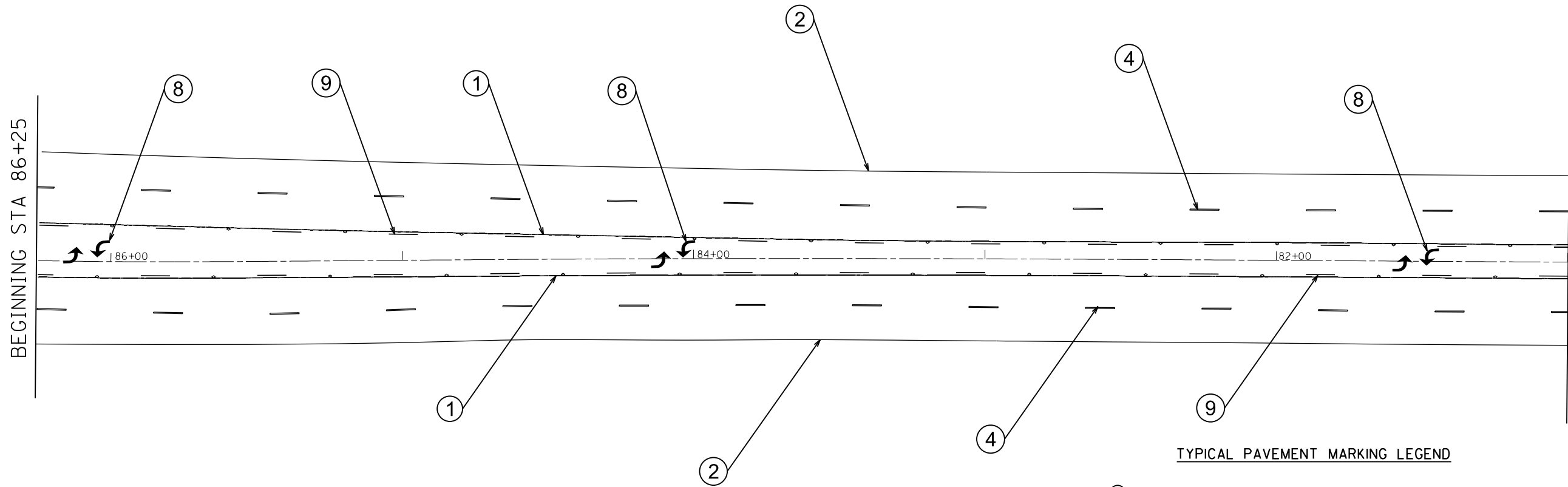
LINE DIAGRAM

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	14
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				

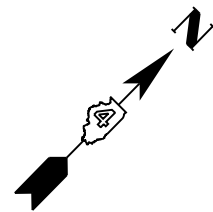
BEGINNING STA 86+25

MATCHLINE STA 81+00



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)
- 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)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow)
- ⑫ 8(200) Skip-Dash (White) (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White) (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\blm1c1.pw.us.ibm.com\data\illinois.gov\PI\DOT\Documents\DOT_Offices\Director_of_Planning\Projects\14_68E92\CADD\Drawings\Drawings\1468E92-1468E92-1468E92-1468E92.dgn

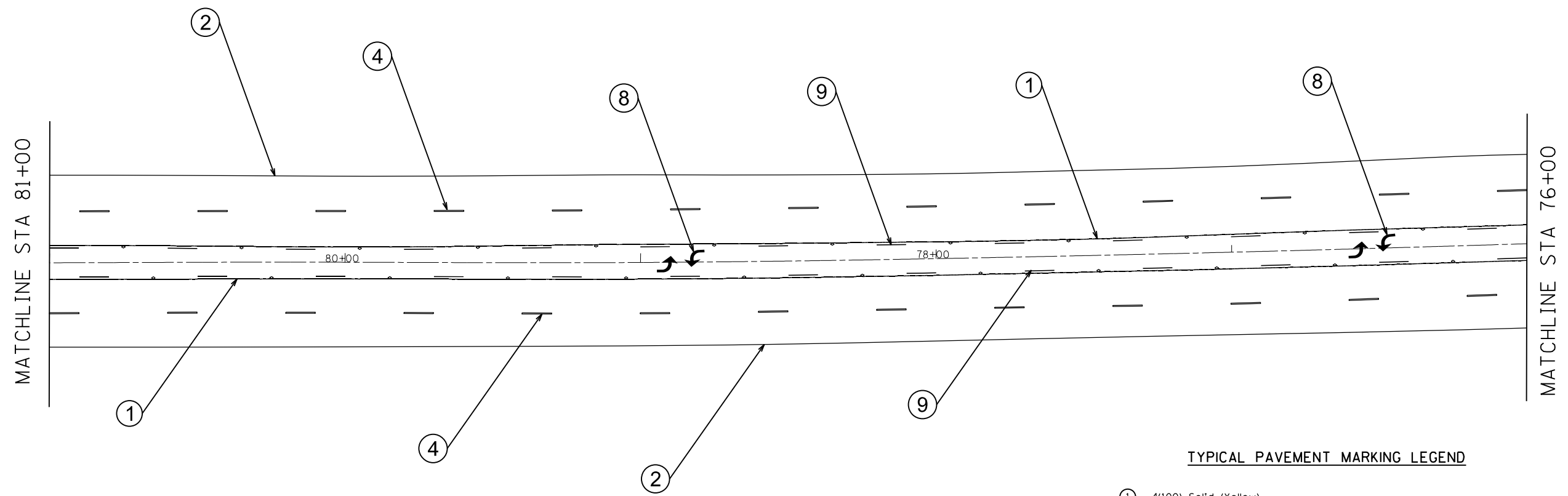
USER NAME = covarrubiasg	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

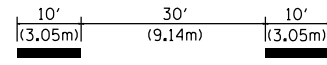
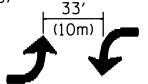
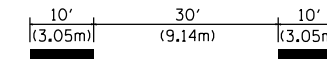
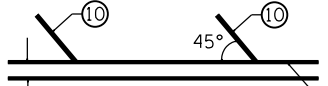

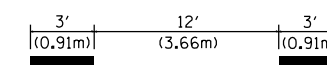
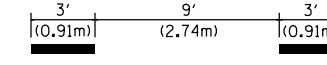
PAVEMENT MARKING PLANS

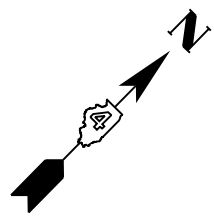
SCALE: SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	15
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White) 
- 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) 
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A 
- ⑫ 8(200) Skip-Dash (White)  (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)  (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\hpc101\pub\hpc\room\dat\illinois\gov\PI\DOT\Documents\DOT_Offices\District_4\Projects\ID4_68E92\CADD\Drawings\CAD\Sheets\ID468E92-ht-ppm1.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

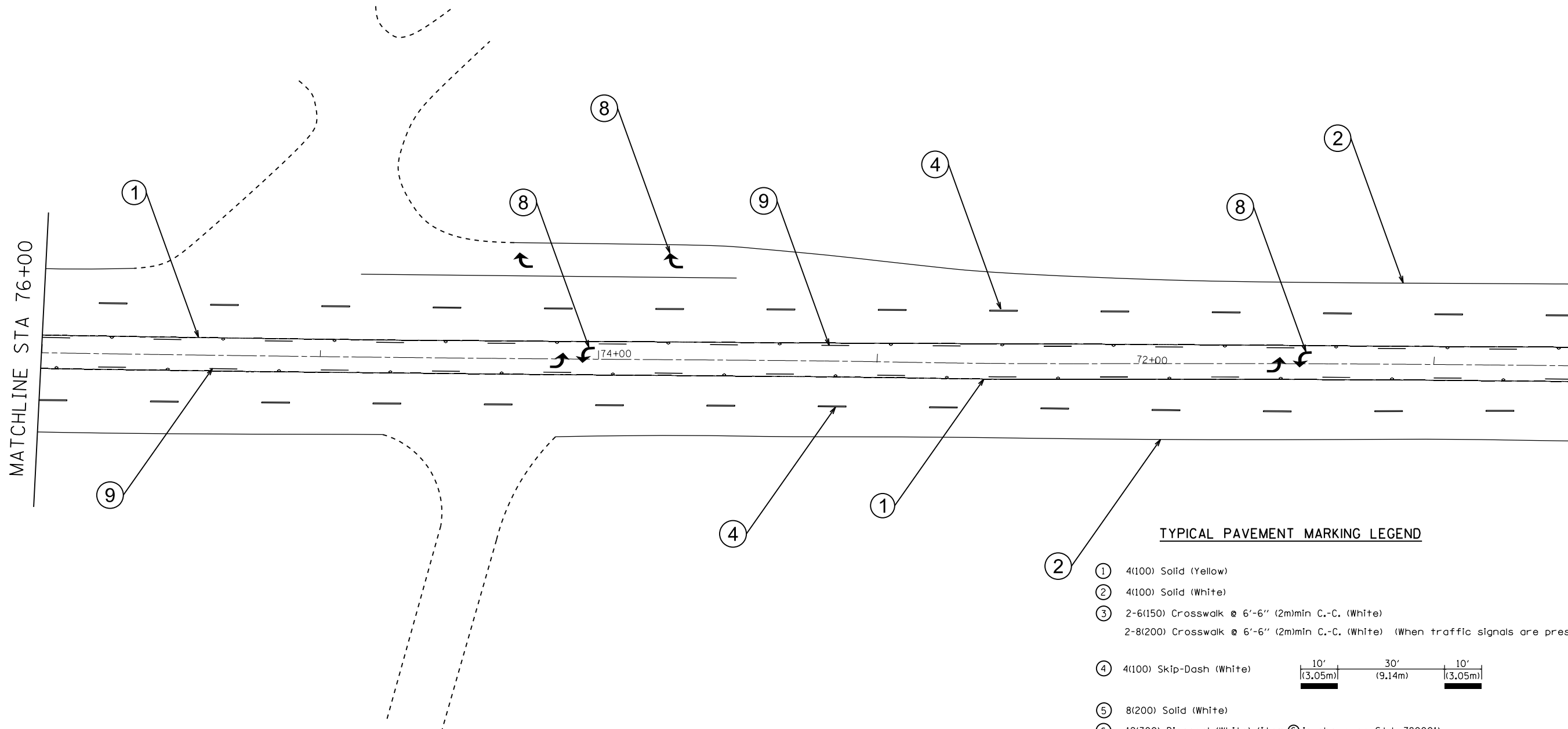
PAVEMENT MARKING PLANS

SCALE: SHEET 2 OF 12 SHEETS STA. TO STA.

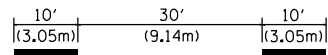
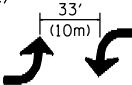
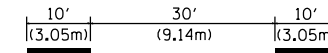
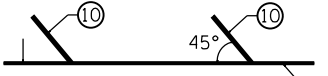
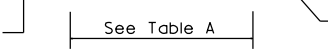
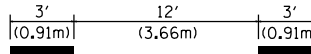
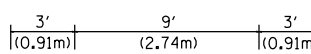
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	16
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				

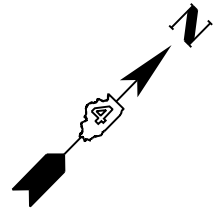
MATCHLINE STA 76+00

MATCHLINE STA 70+50



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White) 
- 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) 
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C.  See Table A
- ⑫ 8(200) Skip-Dash (White)  (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)  (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\blm1c:\pub\blmroom\data\illinois\pww\DOT\Documents\DOT_Offices\Director_4\Projects\104_68E92\CADD\Drawings\Drawings\104_68E92-17-ppm.dgn

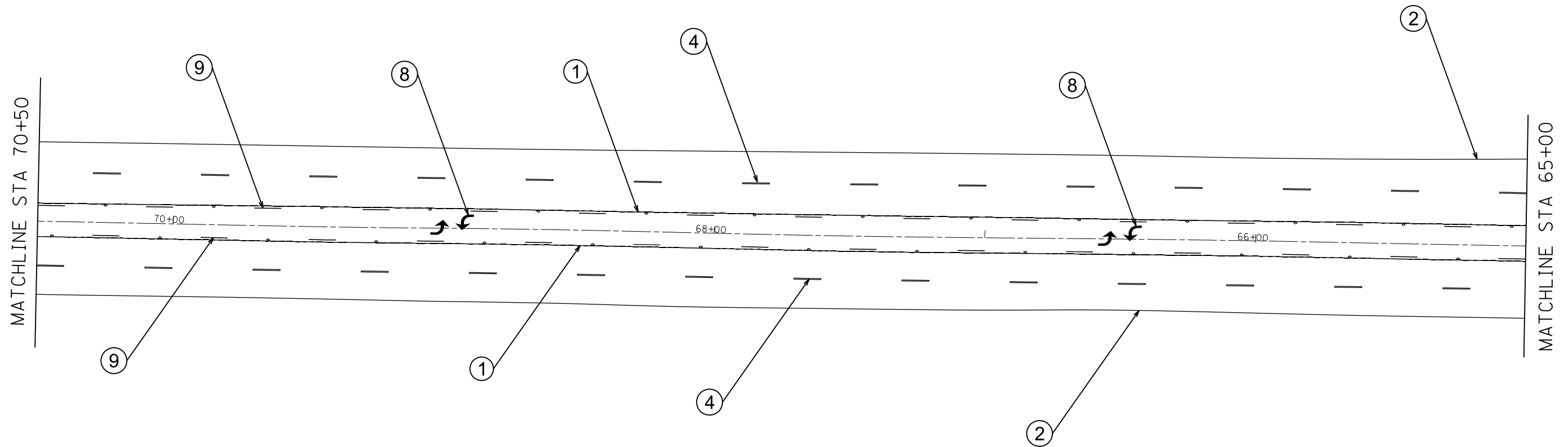
USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	17
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				

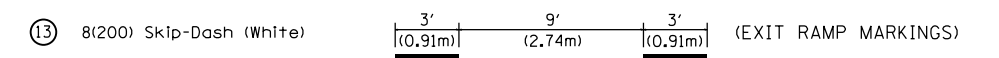
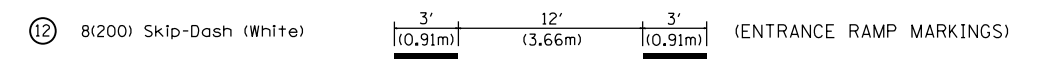
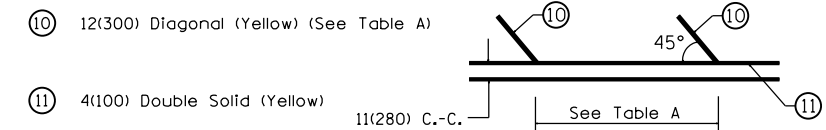


TYPICAL PAVEMENT MARKING LEGEND

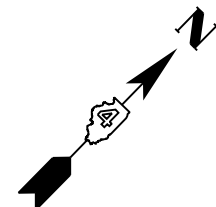
- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)min C.-C. (White)
2-8(200) Crosswalk @ 6'-6" (2m)min C.-C. (White) (When traffic signals are present.)



- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)



- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\hpc101\pub\hpc\rooms\dat\illinois\gov\PI\DOT\Documents\DOT_Offices\District_4\Projects\ID4_68E92\CADD\Drawings\CAD\Sheets\ID468E92-ht-ppm1.dgn

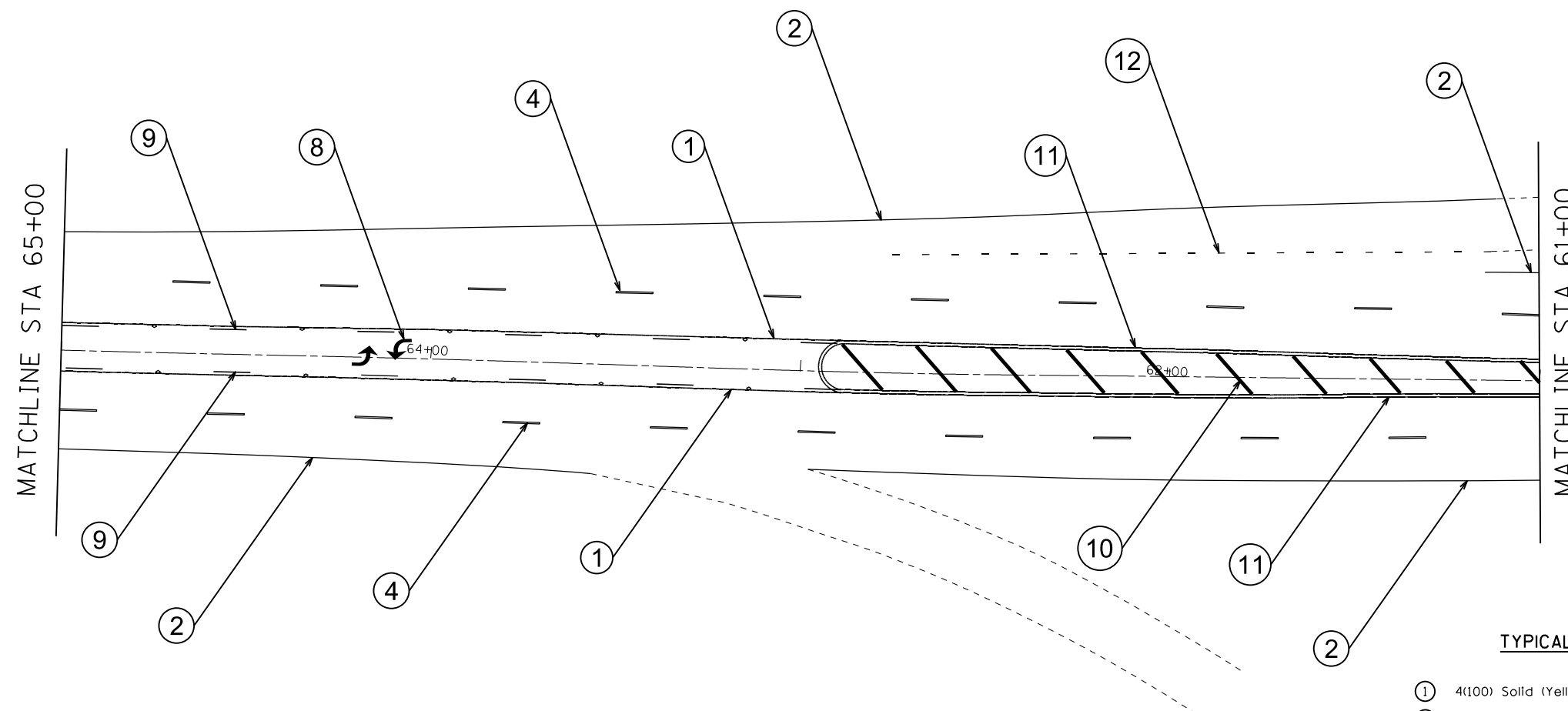
USER NAME = covarrubiasg	DESIGNED -	REVISED -
DRAWN -	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	18
CONTRACT NO. 68E92			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- 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

33'
(10m)

 (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)

⑩	45°	⑩
---	-----	---
- ⑪ 4(100) Double Solid (Yellow)

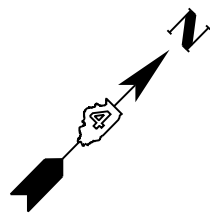
11(280) C.-C.	See Table A	⑪
---------------	-------------	---
- ⑫ 8(200) Skip-Dash (White)

3'	12'	3'
(0.91m)	(3.66m)	(0.91m)

 (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)

3'	9'	3'
(0.91m)	(2.74m)	(0.91m)

 (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: h:\mfc_p\pub\p\room\dat\illinois.gov\PI\DOT\Documents\DOT_Offices\Director_ofProjects\104_68E92\CADD\Drawings\CAD\Drawings\104_68E92-11-19-2019.dgn

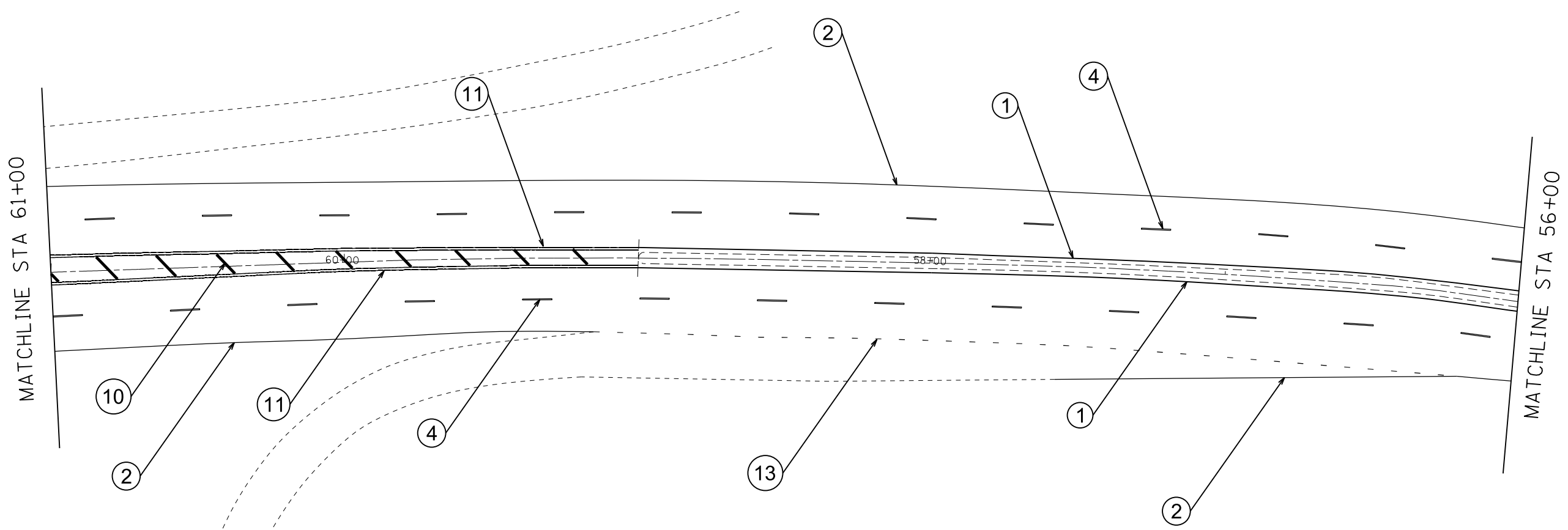
USER NAME = covarrubiasg	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	19
CONTRACT NO. 68E92				
ILLINOIS		FED. AID PROJECT		



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- 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

33'
(10m)

 (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)

45°

- ⑪ 4(100) Double Solid (Yellow)

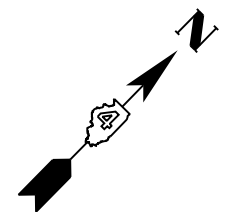
11(280) C.-C.	See Table A
---------------	-------------
- ⑫ 8(200) Skip-Dash (White)

3'	12'	3'
(0.91m)	(3.66m)	(0.91m)

 (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)

3'	9'	3'
(0.91m)	(2.74m)	(0.91m)

 (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\hpc101\pub\hpc\room\ada\illinois.gov\PIV\DOT\Documents\DOT_Offices\Illinois\Projects\68E92\CADD\68E92-CH-PPM\68E92-CH-PPM.dgn

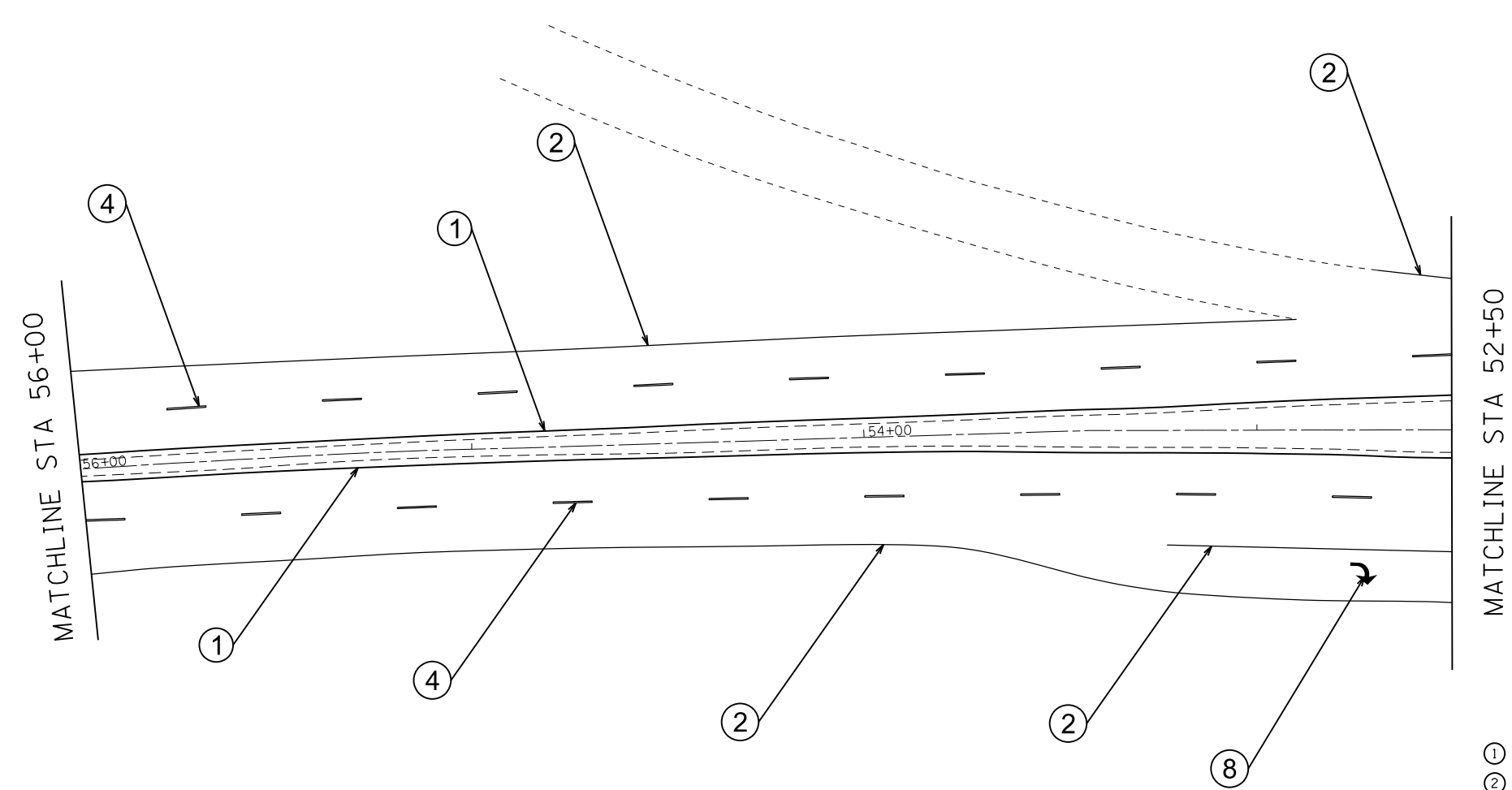
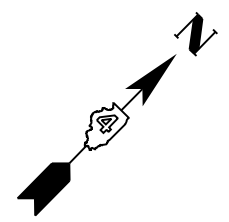
USER NAME = covarrubiasg	DESIGNED -	REVISED -
DRAWN -	REVISOR -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 5/16/2019	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

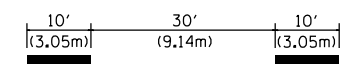
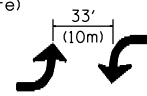
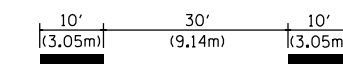
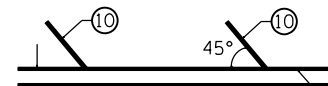

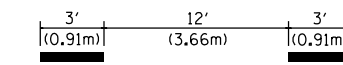
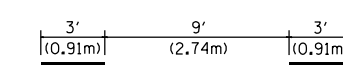
PAVEMENT MARKING PLANS

SCALE: SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	20
CONTRACT NO. 68E92			ILLINOIS FED. AID PROJECT	



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White) 
- 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) 
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 
- ⑪ 4(100) Double Solid (Yellow) 
- ⑫ 8(200) Skip-Dash (White)  (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)  (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)

MODEL: Default
 FILE: \\nls01-pub\pubroom\dat\illinois.gov\PWIDOT\Documents\DOT_Offices\Director_of_Planning\Projects\104_68E92\CADD\Drawings\CADD\Drawings\104_68E92-104-104-104.dgn

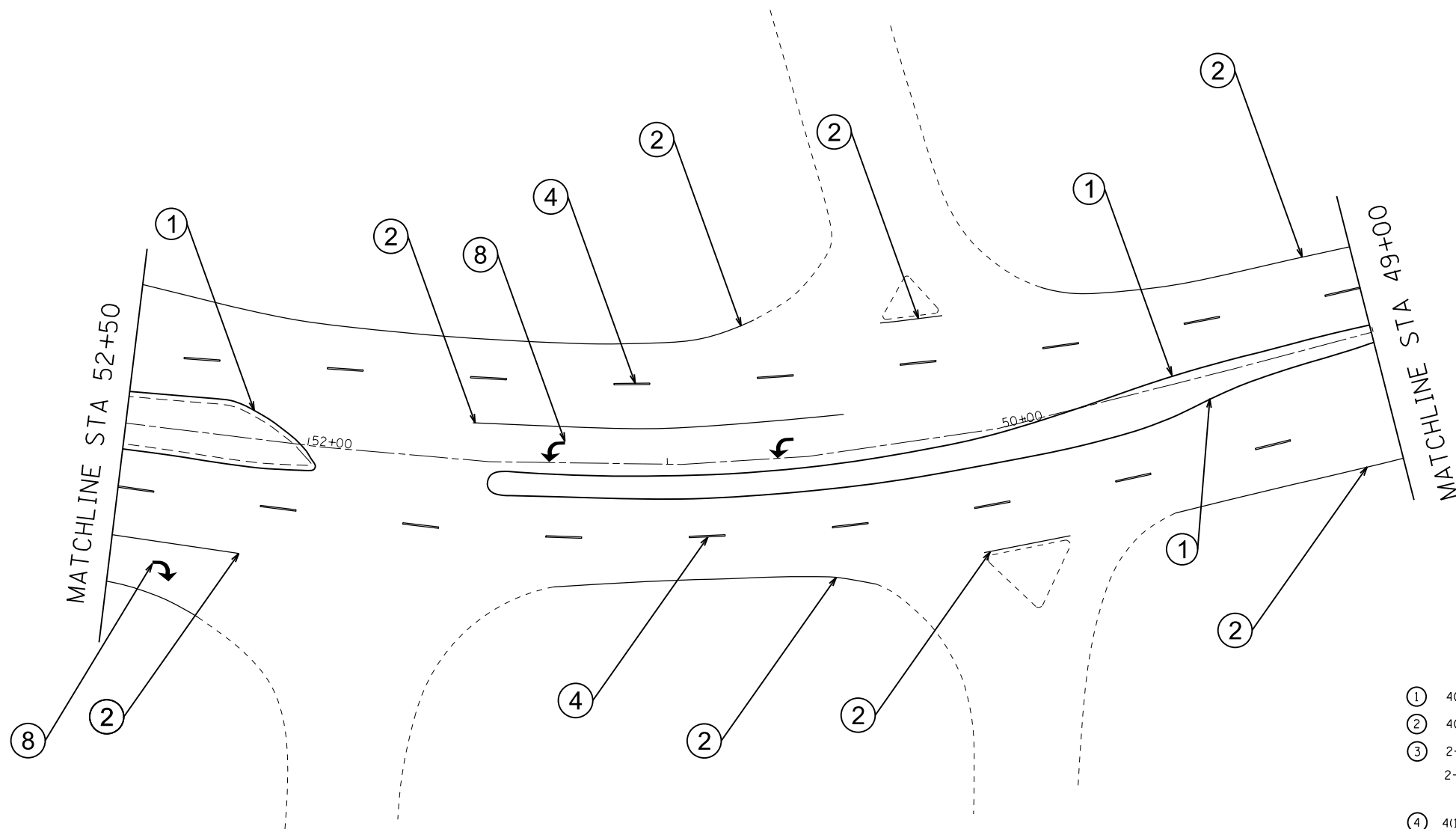
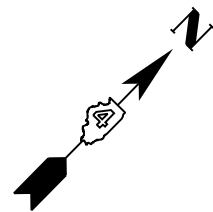
USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	21
CONTRACT NO. 68E92				
ILLINOIS		FED. AID PROJECT		



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- 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

33'
(10m)

 (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)

45°

- ⑪ 4(100) Double Solid (Yellow)

11(280) C.-C.	See Table A
---------------	-------------
- ⑫ 8(200) Skip-Dash (White)

3'	12'	3'
(0.91m)	(3.66m)	(0.91m)

 (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)

3'	9'	3'
(0.91m)	(2.74m)	(0.91m)

 (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)

MODEL: Default
 FILE: \\blm1c:\pub\planroom\dat\illinois.gov\PIV\DOT\Documents\DOT_Offices\Director_of\Projects\104_68E92\CADD\Drawings\CAD\Sheets\104_68E92-104X-PP.spc

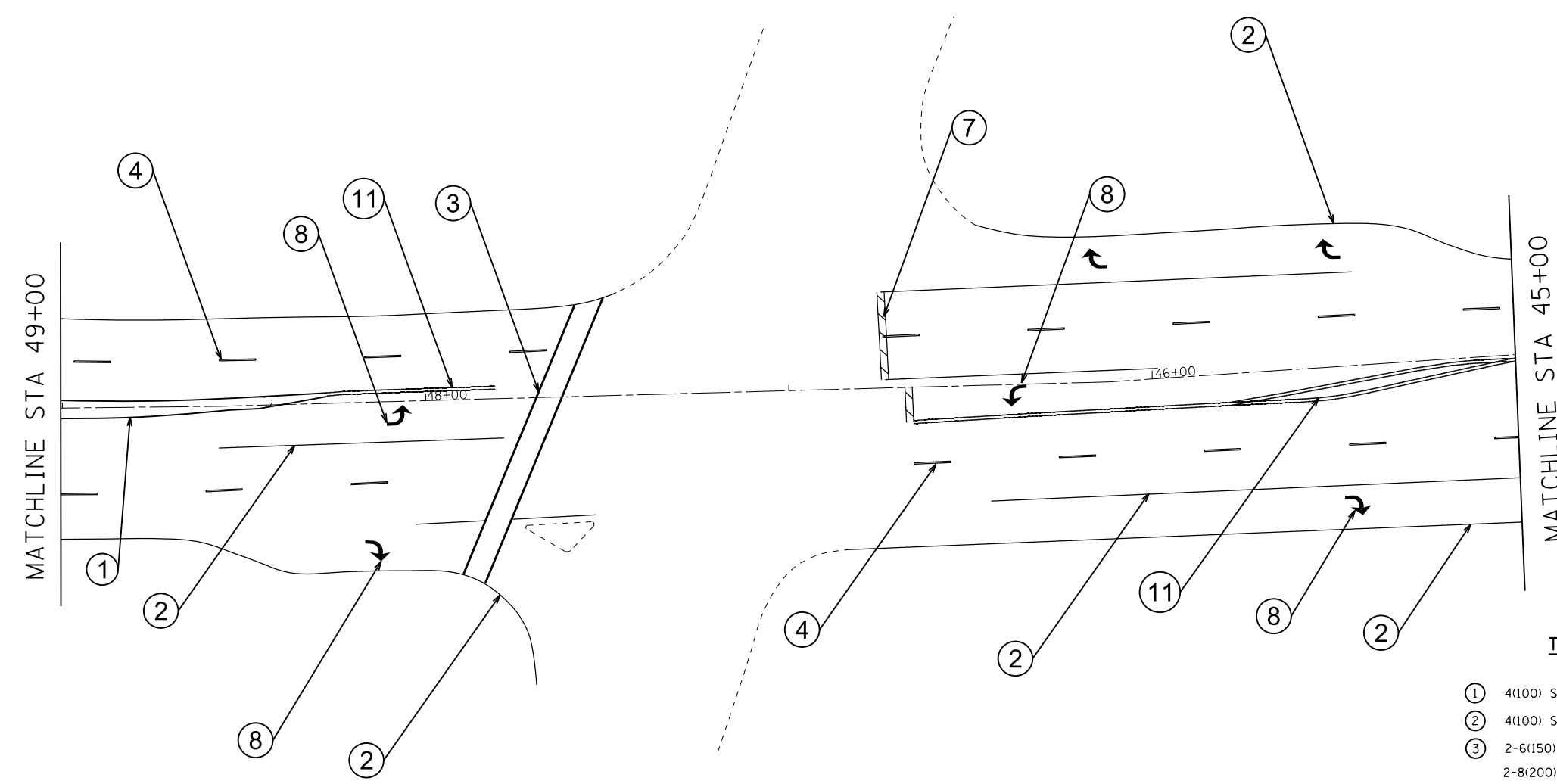
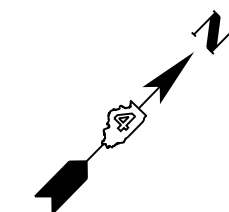
USER NAME = covarrubiasg	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	22
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- 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

33'
(10m)

 (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow)

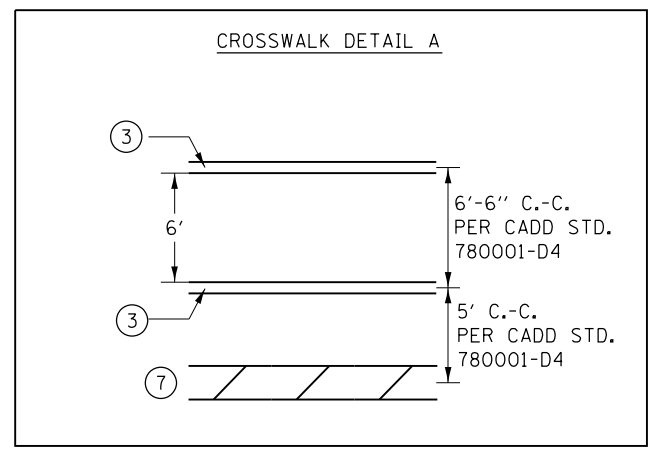
11(280) C.-C.	See Table A
---------------	-------------
- ⑫ 8(200) Skip-Dash (White)

3'	12'	3'
(0.91m)	(3.66m)	(0.91m)

 (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)

3'	9'	3'
(0.91m)	(2.74m)	(0.91m)

 (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\blm1c1.pw.us.ibm.com\data\illinois.gov\PROJECTS\DOT Documents\DOT Office\Drawings\Projects\146892\CADD\Drawings\146892-146892-146892.dgn

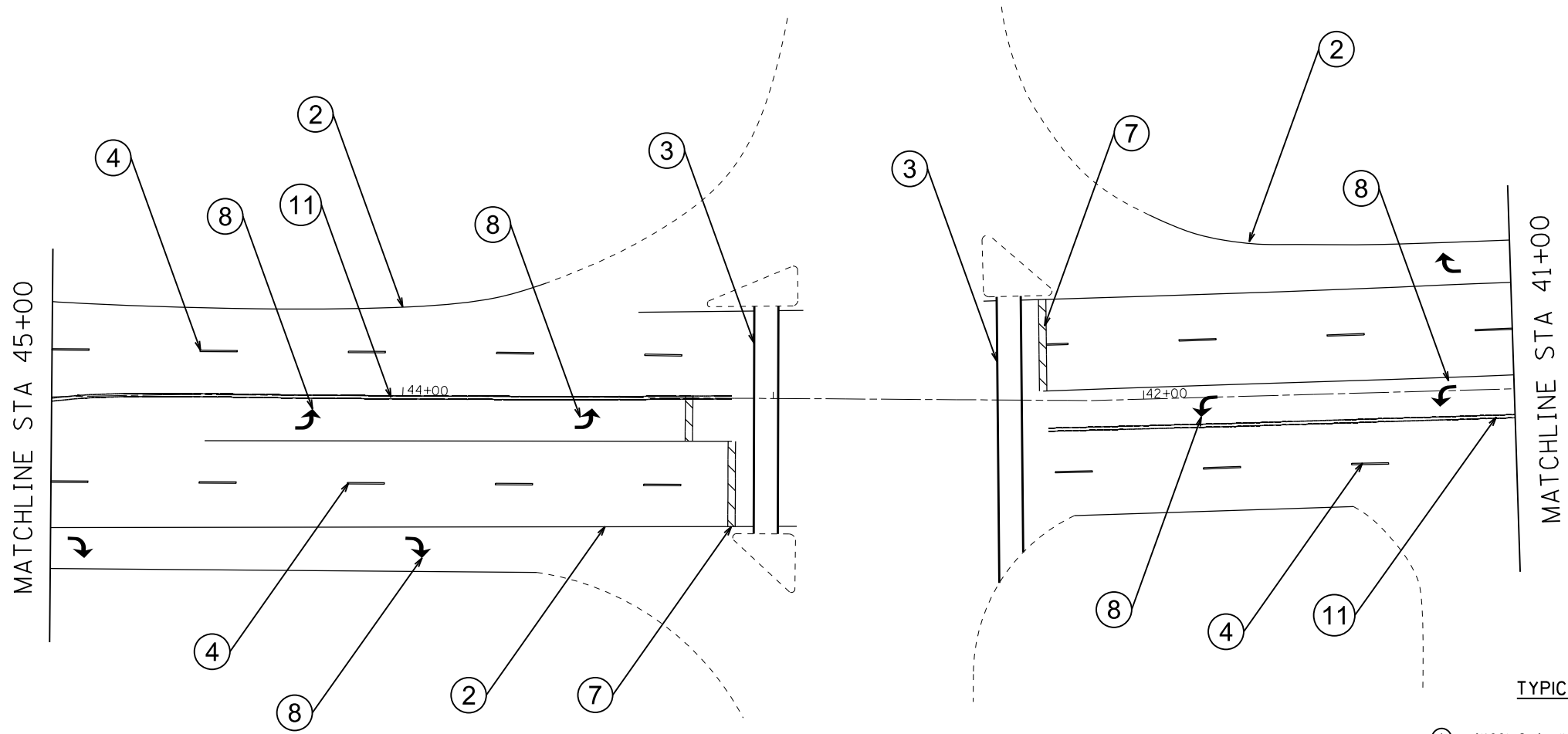
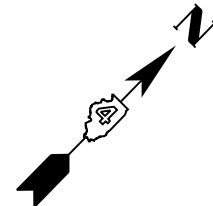
USER NAME = covarrubiasg	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2019	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

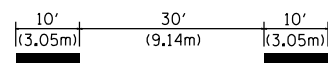
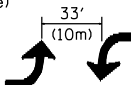
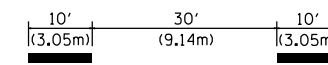
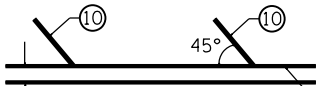
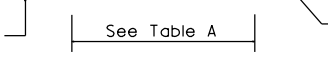
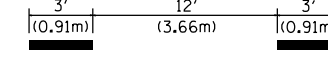
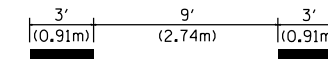
PAVEMENT MARKING PLANS

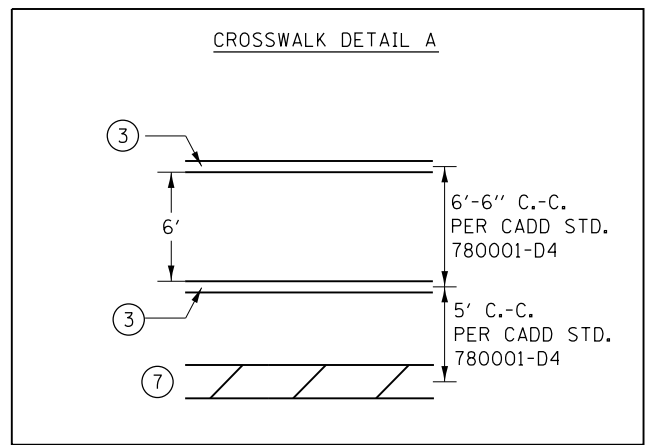
SCALE: SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	23
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White) 
- 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) 
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C.  See Table A
- ⑫ 8(200) Skip-Dash (White)  (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)  (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\nas101.psu.edu\pub\harron\ada\illinois.gov\PROJECTS\DOT Documents\DOT Office\Drawings\Projects\144_68E92\CADD\Drawings\CADD\Drawings\14468E92-144-001.dgn

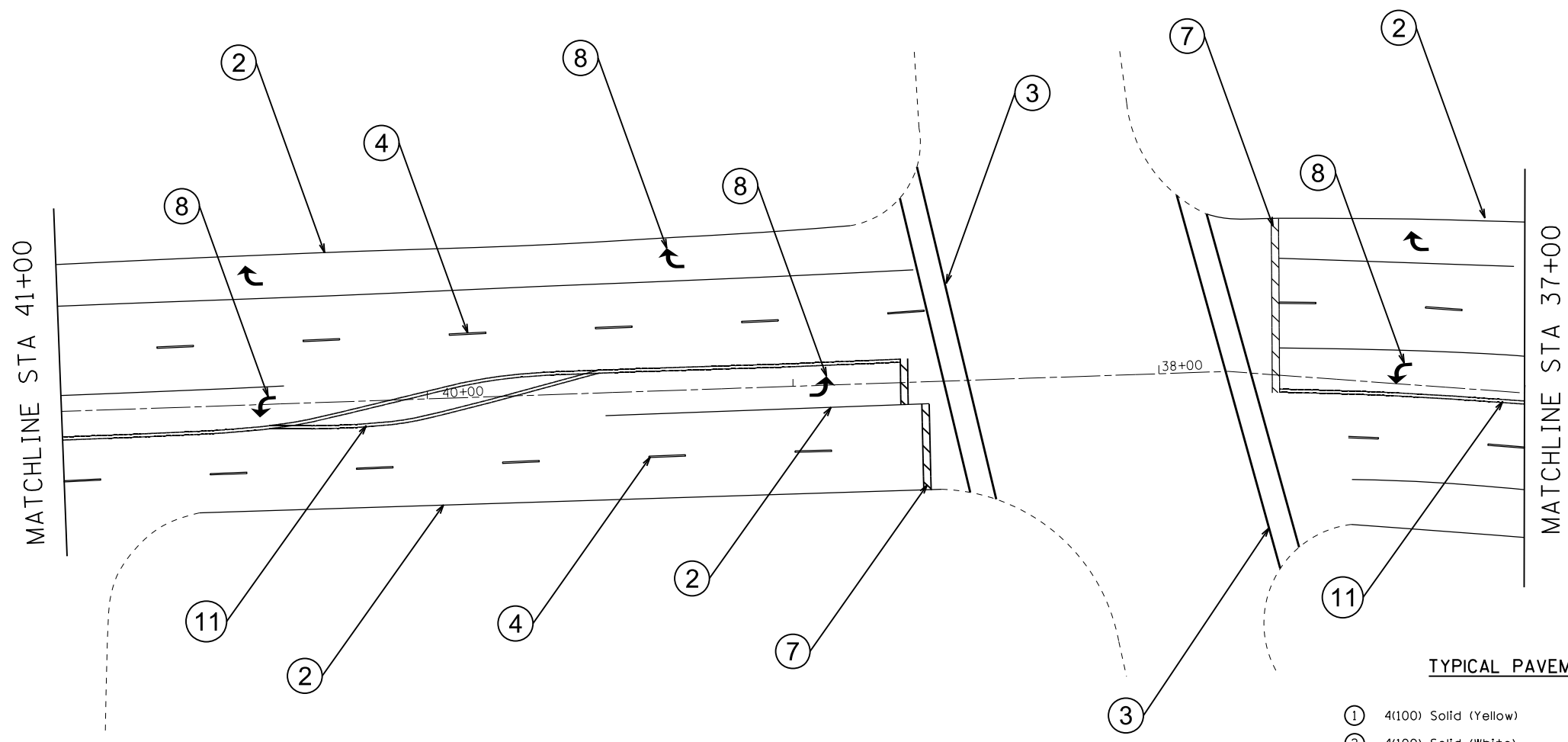
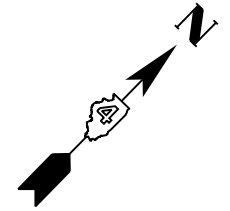
USER NAME = covarrubiasg	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISOR -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISOR -
PLOT DATE = 5/16/2019	DATE -	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

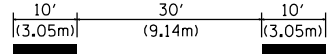
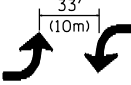
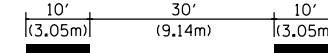
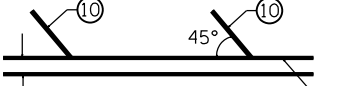
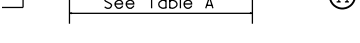
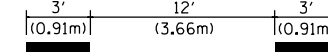
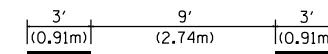
PAVEMENT MARKING PLANS

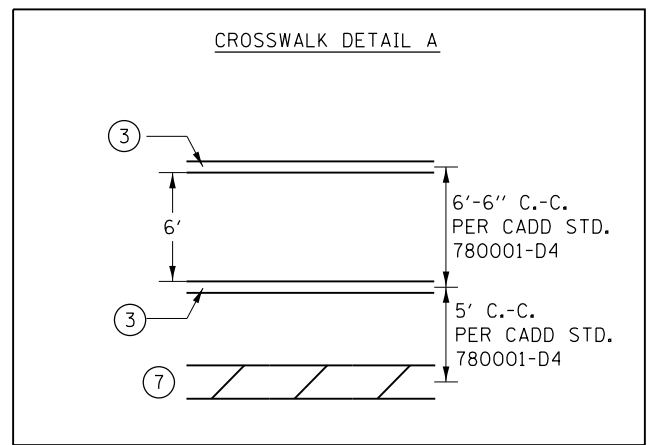
SCALE: SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	24
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White) 
- 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) 
- ⑩ 12(300) Diagonal (Yellow) (See Table A) 
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A 
- ⑫ 8(200) Skip-Dash (White)  (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)  (EXIT RAMP MARKINGS)
- ⑭ Rail Road Pavement Marking (See Std. 780001)



MODEL: Default
 FILE: \\mhc-pub\pub\harcam\ada\illinois.gov\PROJECTS\DOT Documents\DOT Office\Drawings\Projects\DOT 68E92\CADD\Drawings\Drawings\68E92-11-PPM.dgn

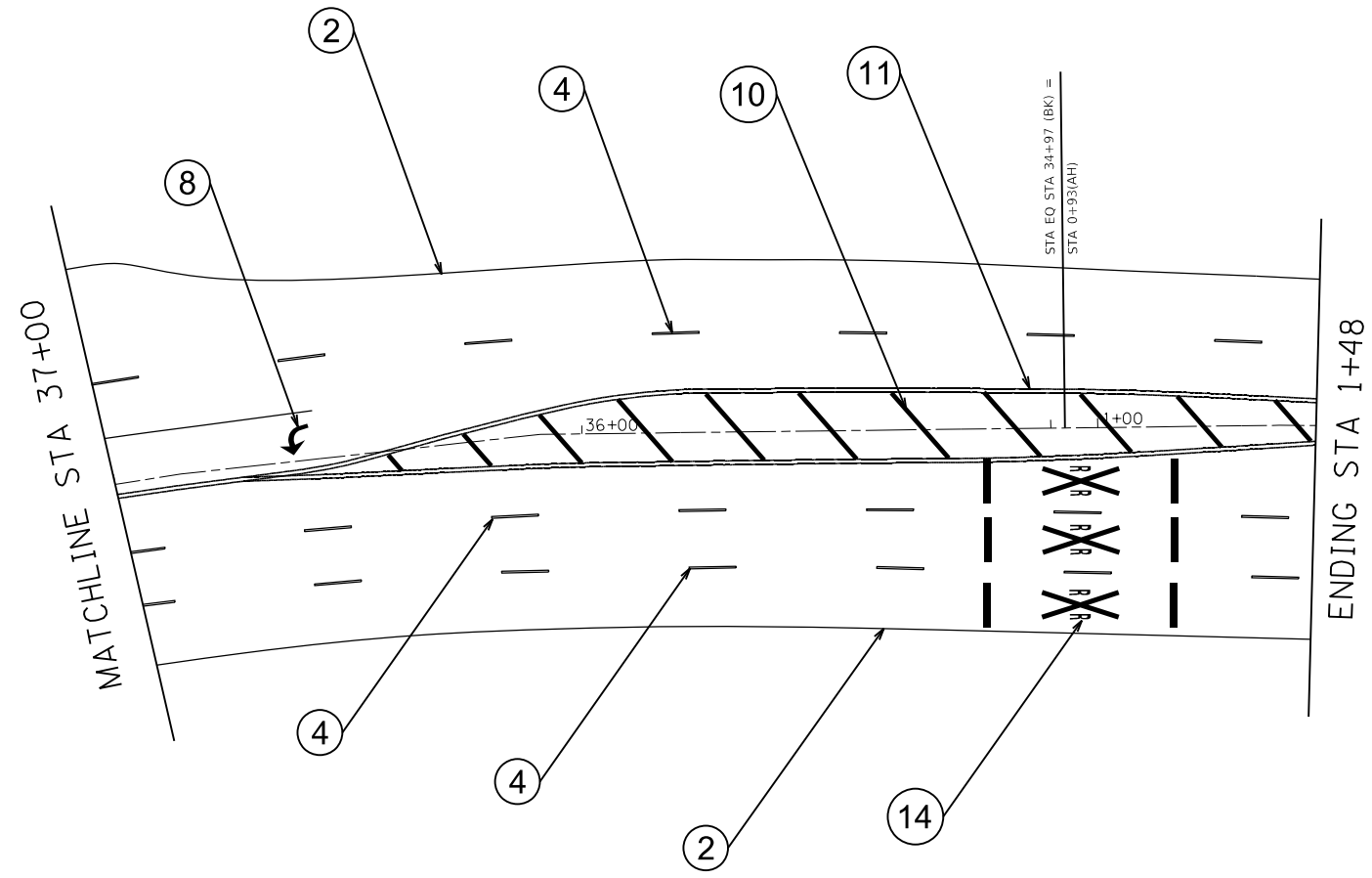
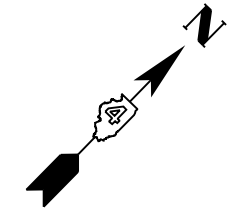
USER NAME = covarrubiasg	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 5/16/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	25
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



TYPICAL PAVEMENT MARKING LEGEND

- 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 4(100) Skip-Dash (White)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- 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

33'
(10m)

 (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow)

10'	30'	10'
(3.05m)	(9.14m)	(3.05m)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)

45°

- ⑪ 4(100) Double Solid (Yellow)

11(280) C.-C.	See Table A
---------------	-------------
- ⑫ 8(200) Skip-Dash (White)

3'	12'	3'
(0.91m)	(3.66m)	(0.91m)

 (ENTRANCE RAMP MARKINGS)
- ⑬ 8(200) Skip-Dash (White)

3'	9'	3'
(0.91m)	(2.74m)	(0.91m)

 (EXIT RAMP MARKINGS)
- ⑭ Railroad Pavement Marking (See Std. 780001)

MODEL: Default
 FILE: \\hpc101\pub\hpc\rooms\dat\illinois\pww\DOT\Documents\DOT_Offices\Drawings\Projects\104_68E92\CADD\Drawings\Sheets\104_68E92-12r.ppt.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000" / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

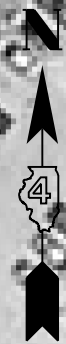
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING PLANS

SCALE: SHEET 12 OF 12 SHEETS STA. TO STA.

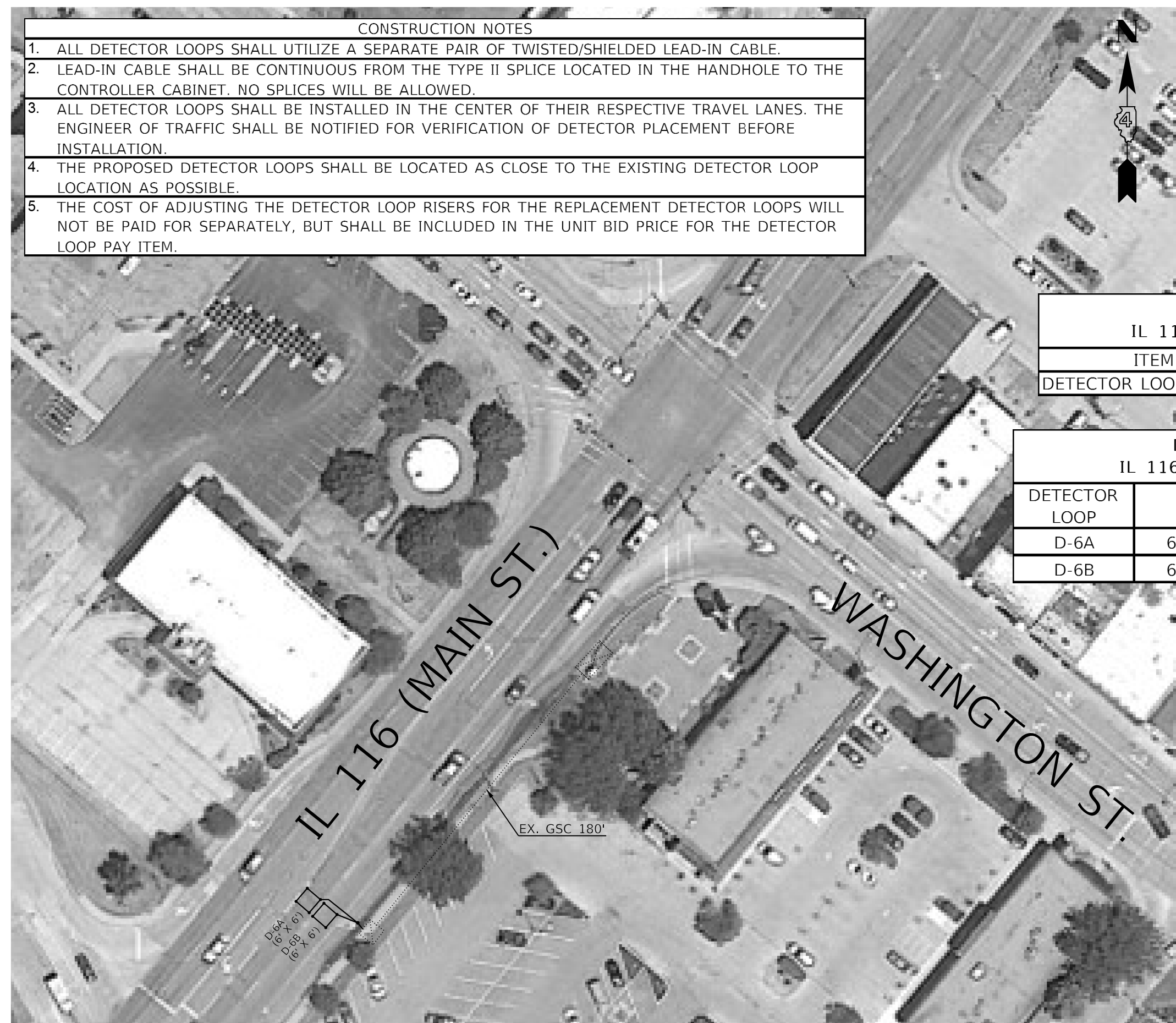
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	26
CONTRACT NO. 68E92			ILLINOIS FED. AID PROJECT	

CONSTRUCTION NOTES	
1.	ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF TWISTED/SHIELDED LEAD-IN CABLE.
2.	LEAD-IN CABLE SHALL BE CONTINUOUS FROM THE TYPE II SPLICE LOCATED IN THE HANDHOLE TO THE CONTROLLER CABINET. NO SPLICES WILL BE ALLOWED.
3.	ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
4.	THE PROPOSED DETECTOR LOOPS SHALL BE LOCATED AS CLOSE TO THE EXISTING DETECTOR LOOP LOCATION AS POSSIBLE.
5.	THE COST OF ADJUSTING THE DETECTOR LOOP RISERS FOR THE REPLACEMENT DETECTOR LOOPS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE DETECTOR LOOP PAY ITEM.



BILL OF MATERIALS IL 116 (MAIN ST.) & WASHINGTON ST.		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
DETECTOR LOOP, TYPE I	FOOT	93.0

DETECTOR LOOP SCHEDULE IL 116 (MAIN ST.) & WASHINGTON ST.			
DETECTOR LOOP	TYPE	DETECTOR LOOP, TYPE 1 QTY.	ASSIGNED PHASE
D-6A	6' X 6' (ADV.)	54.0	6
D-6B	6' X 6' (ADV.)	39.0	6



TRAFFIC SIGNAL LEGEND	
	EX. HANDHOLE
	EX. TRAFFIC SIGNAL CONTROLLER CABINET
	EX. CONDUIT
	PROP. VEHICLE DETECTOR LOOP

MODEL: Default
 FILE: \\nas01.psu.edu\pub\baronm\data\illinois\pwr\DOT\Documents\DOT_Offices\Director_4\Projects\ID4_68E92\CADD\A\CAD\Sheets\ID468E92-1H-Detector_Loop.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 80.0756 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DETECTOR LOOP INSTALLATION
IL 116 (MAIN ST.) & SPRINGFIELD RD. - EAST PEORIA

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	27
CONTRACT NO. 68E92				
ILLINOIS		FED. AID PROJECT		

NOT TO SCALE

CONSTRUCTION NOTES

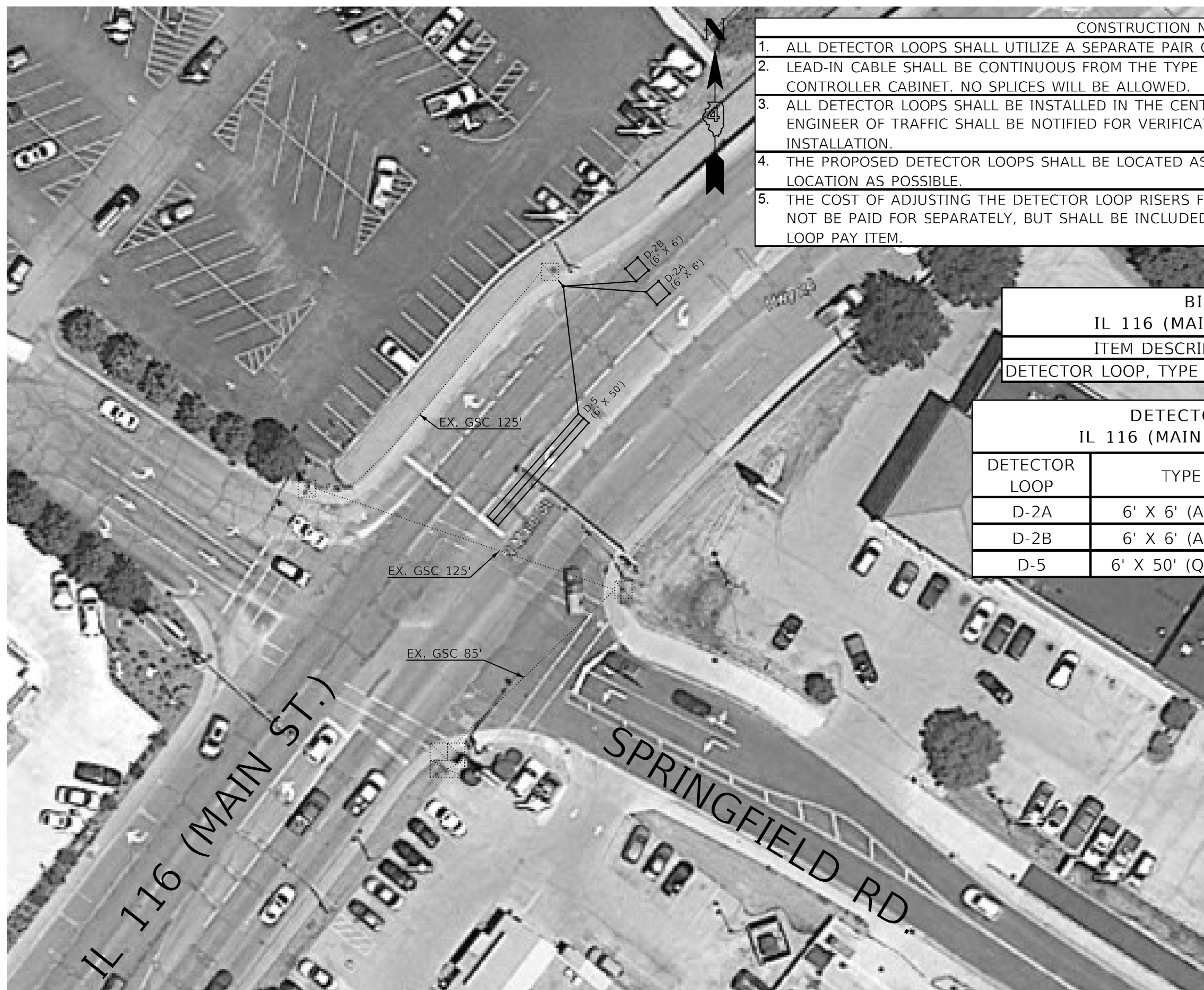
1. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF TWISTED/SHIELDED LEAD-IN CABLE.
2. LEAD-IN CABLE SHALL BE CONTINUOUS FROM THE TYPE II SPLICE LOCATED IN THE HANDHOLE TO THE CONTROLLER CABINET. NO SPLICES WILL BE ALLOWED.
3. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
4. THE PROPOSED DETECTOR LOOPS SHALL BE LOCATED AS CLOSE TO THE EXISTING DETECTOR LOOP LOCATION AS POSSIBLE.
5. THE COST OF ADJUSTING THE DETECTOR LOOP RISERS FOR THE REPLACEMENT DETECTOR LOOPS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE DETECTOR LOOP PAY ITEM.

BILL OF MATERIALS
IL 116 (MAIN ST.) & SPRINGFIELD RD.

ITEM DESCRIPTION	UNIT	TOTAL QTY.
DETECTOR LOOP, TYPE I	FOOT	316.0

DETECTOR LOOP SCHEDULE
IL 116 (MAIN ST.) & SPRINGFIELD RD.

DETECTOR LOOP	TYPE	DETECTOR LOOP, TYPE 1 QTY.	ASSIGNED PHASE
D-2A	6' X 6' (ADV.)	54.0	2
D-2B	6' X 6' (ADV.)	50.0	2
D-5	6' X 50' (QUAD.)	212.0	5



TRAFFIC SIGNAL LEGEND

- EX. HANDHOLE
- EX. DOUBLE HANDHOLE
- EX. TRAFFIC SIGNAL CONTROLLER CABINET
- EX. CONDUIT
- PROP. QUADRAPOLE DETECTOR LOOP
- PROP. VEHICLE DETECTOR LOOP

NOT TO SCALE

MODEL: Default
FILE: \\nas01\pub\baronm.d\at\links\poc\PI\DOT\Documents\DOT_Offices\Director_4\Projects\116_68E92\CADD\116_68E92-CH-Detector_Loops.dgn

USER NAME = covarrubiasg	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 80.0756 ' / in.	CHECKED -	REVISED -
PLOT DATE = 5/16/2019	DATE -	REVISED -

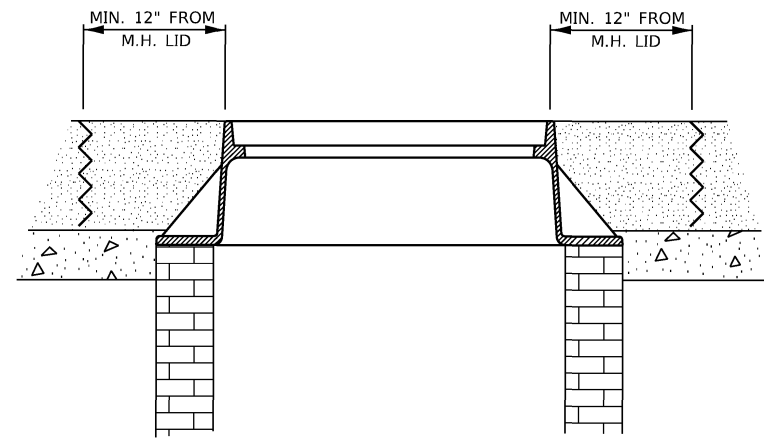
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED DETECTOR LOOP INSTALLATION
IL 116 (MAIN ST.) & SPRINGFIELD RD. - EAST PEORIA

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

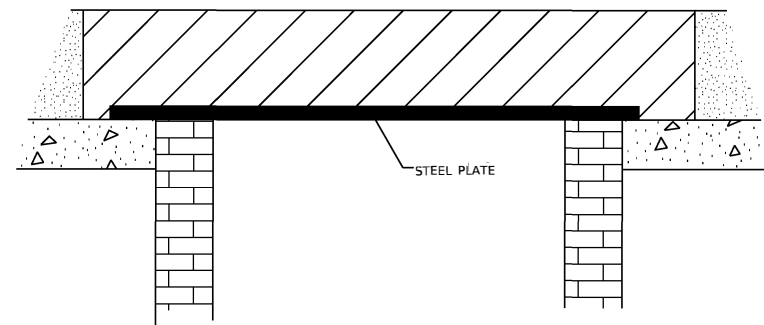
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	28
			CONTRACT NO. 68E92	
		ILLINOIS	FED. AID PROJECT	

SECTION A-A DETAILS.



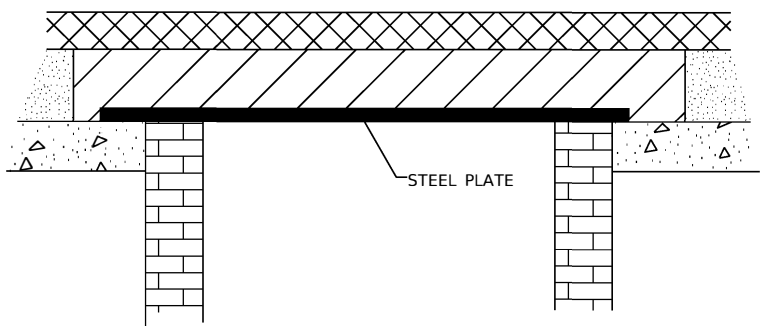
PHASE I

1. SAW CUT FULL DEPTH, A MIN. OF 12" FROM THE MANHOLE LID IN A DIAMOND SHAPE FASHION IN THE DIRECTION OF TRAVEL (SEE PLAN VIEW)
2. REMOVE FRAME, LID, AND PAVEMENT WITHIN LIMITS OF SAW CUT (DEPTH OF PAVEMENT REMOVAL TO BE DETERMINED BY THE ENGINEER)
3. PERFORM RECONSTRUCTION OF MANHOLES AT LOCATIONS SPECIFIED IN THE SCHEDULE.



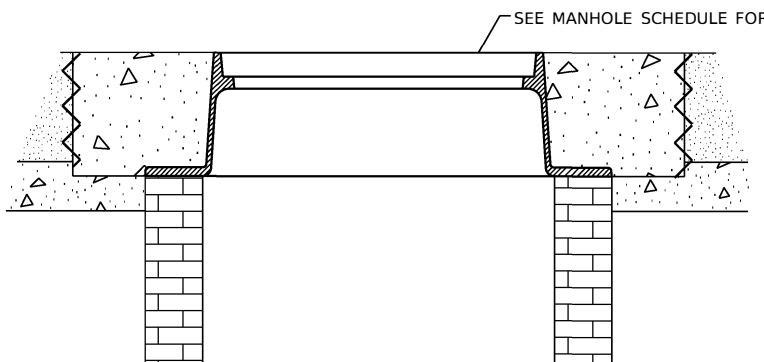
PHASE II

4. PLACE STEEL PLATE TO COVER HOLE (REUSABLE IN STAGE II)
5. PLACE COLD MIX IN VOID



PHASE III

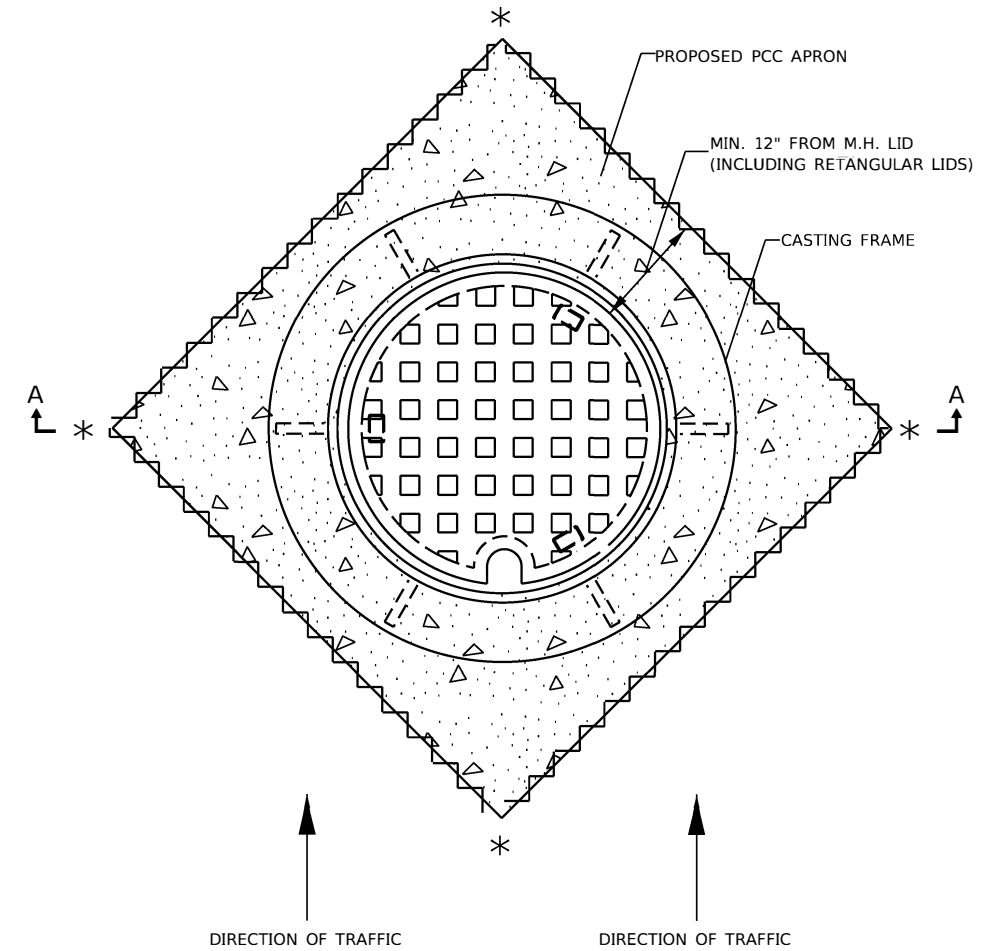
6. HMA SURFACE REMOVAL (2.5")
7. PLACE PROPOSED LEVELING BINDER (1") AND HMA SURFACE (1.5")



PHASE IV

8. SAW CUT AT PREVIOUS LOCATIONS
9. REMOVE ALL MATERIAL & STEEL PLATE
10. ADJUST FRAME
11. POUR PCC APRON (REFER TO STANDARD 420111-03 FOR REINFORCEMENT DETAILS IF IT IS DETERMINED THE PCC APRON CAN BE TIED TO EXISTING PCC PAVEMENT)

STAGE I & III (SEE SEQUENCE OF OPERATIONS)



* NOTE:
CONTROL POINTS SHALL BE ESTABLISHED TO ENSURE THAT EXACT LOCATIONS CAN BE RELOCATED AFTER PLACEMENT OF FINAL HMA SURFACE COURSE

LEGEND

<p> — PCC</p> <p> — EXIST. HMA</p> <p> — PROP. SAW CUT</p>	<p> — PROP. COLD MIX</p> <p> — HMA SURFACE REMOVAL, PROP. LEVELING BINDER & HMA SURFACE</p>
------------------------------------------------------------	-------------------------------------------------------------------------------------------------

REFER TO TYPICAL SECTION FOR PAVEMENT THICKNESS

DETAILS NOT DRAWN TO SCALE

MODEL: default
FILE NAME: \\planroom\dot\illinois\gov\p\dot\Documents\DOT_Offices\District_4\Projects\14_68E92\CADD\14_68E92-sht-details.dgn

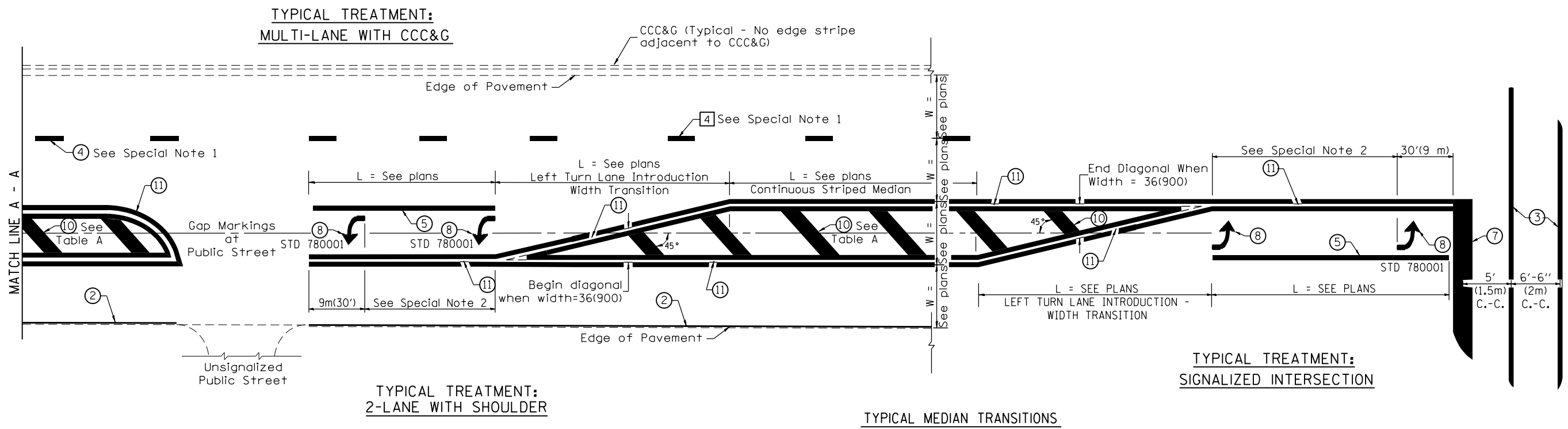
USER NAME = covarrubiasg	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 5/16/2019	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MANHOLE ADJUST DETAIL

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

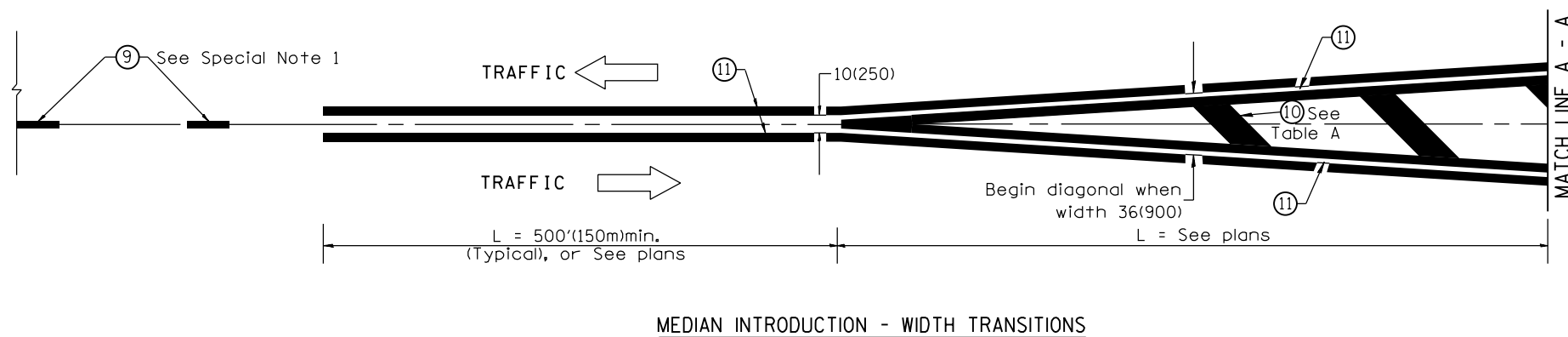
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104X)PP	TAZEWELL	31	29
CONTRACT NO. 68E92				
ILLINOIS FED. AID PROJECT				



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

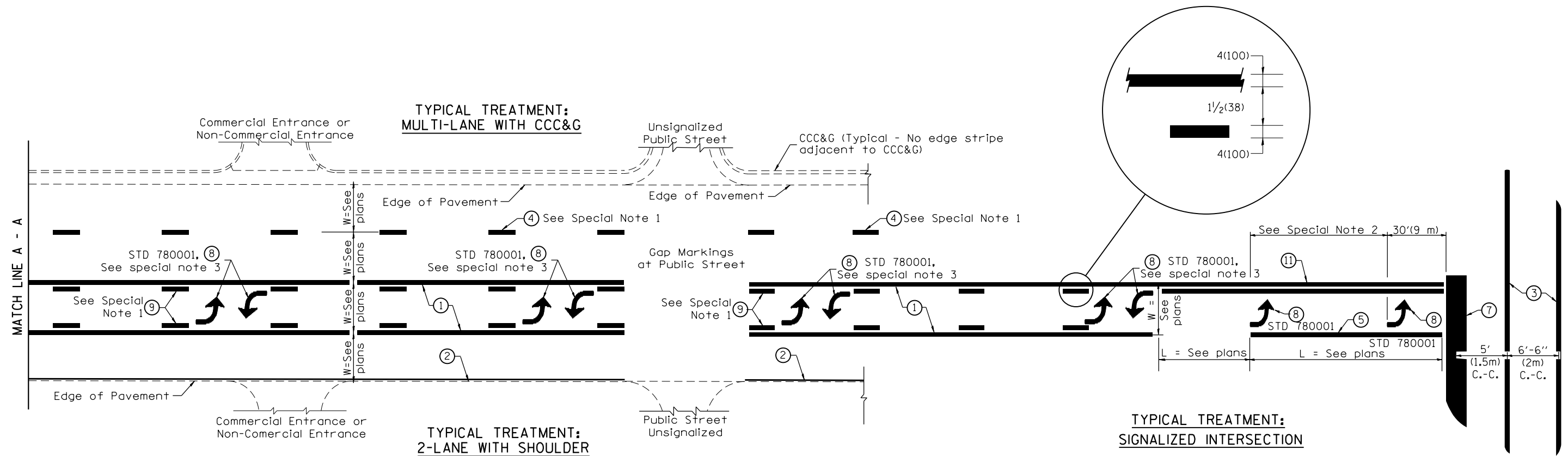
TABLE A
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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.

DESIGNER NOTES:
1. Include State Standard 780001 (Typical Pavement Markings)



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) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. See Table A

SPECIAL NOTES

- Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
- 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.
- 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

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

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NOT TO SCALE

TYPICAL PAVEMENT MARKINGS

SHT. 1 OF 2
CADD STD. 780001-D4

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	(101,11,12,104)PP	TAZEWELL	31	31
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68E92	