

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	13Z,15,1RS-4	JEFFERSON	37	3
ILLINOIS			CONTRACT NO. 78248	

FAP 821/724 (IL 15/37)

D-99-025-11

FOR INDEX OF SHEETS, SEE SHEET NO. 3

ADT INFORMATION:
FAP 821 (IL 15)
23712 (2011)
TRUCK = 4%

FAP 724 (IL 37)
10088 (2011)
TRUCK = 3.3%

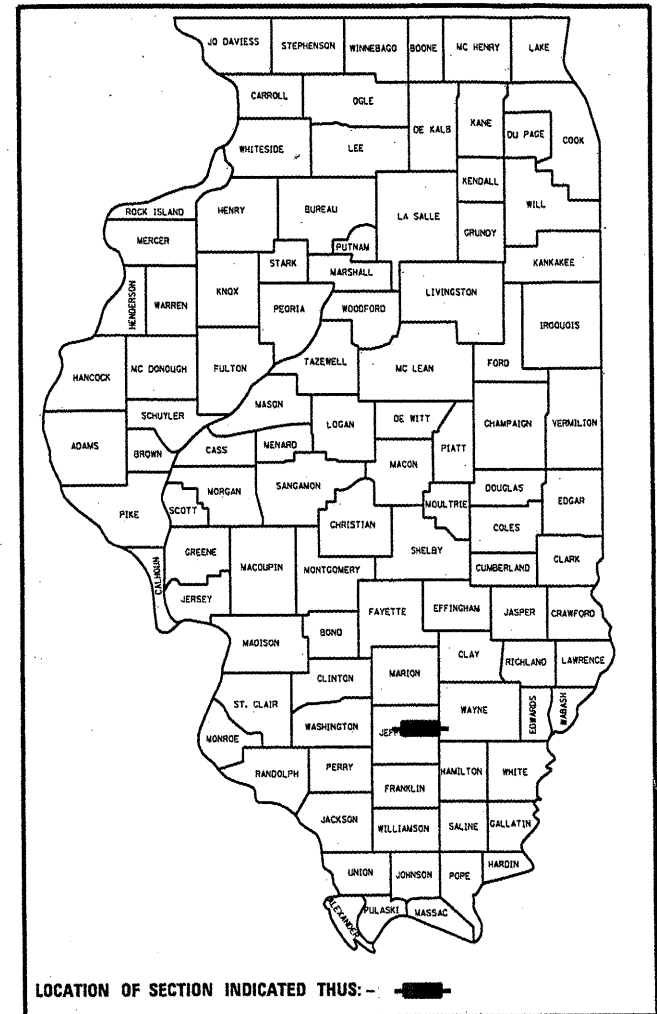
EQUATION STATIONS:
FAP 821 (IL 15) -
EQ. STA. 651+32.46 (BK) = STA. 29+56.55 (AH)
EQ. STA. 31+55.72 (BK) = 31+56.77 (AH)
FAP 724 (IL 37) -
EQ. STA. 150+00.00 (BK) = STA. 96+43.00 (AH)

DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAP 821/FAP 724 (IL 15/IL 37)

SECTION (13Z,15,1)RS-4
PROJECT F-000S(858)
3P HMA RESURFACING
JEFFERSON COUNTY

C-99-035-11



LOCATION OF SECTION INDICATED THIS: -

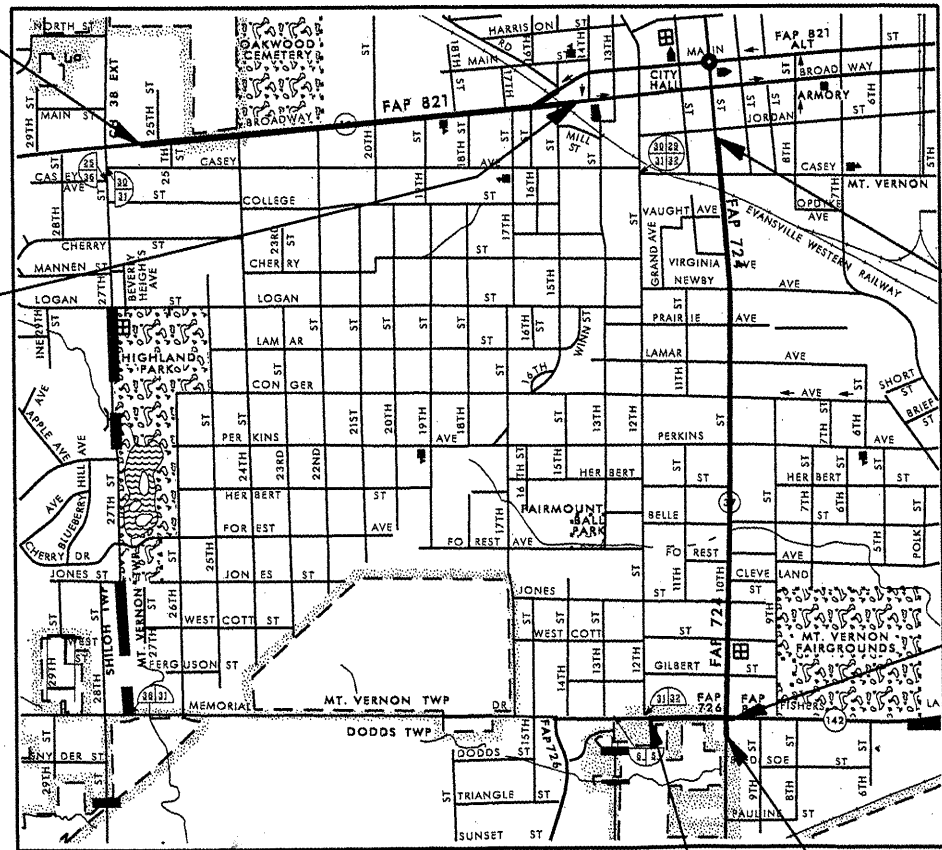
PROP. PROJECT BEGINS - LOCATION 1
FAP 821 (IL 15/BROADWAY AVE.)
STA. 612+60 (PR. BUTT JOINT)

PROP. PROJECT ENDS - LOCATION 1
FAP 821 (IL 15/BROADWAY AVE.)
STA. 655+00 (PR. BUTT JOINT ON
BROADWAY AVE.)
STA. 32+60 (PR. BUTT JOINT ON
MAIN ST.)

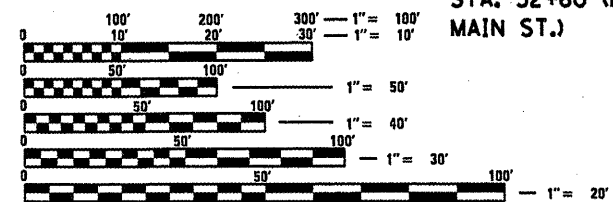
PROP. PROJECT ENDS- LOCATION 2
FAP 724 (IL 37/10TH ST.)
STA. 43+40

PROP. PROJECT ENDS -
STA. 11+03 (IL 142)
(PR. BUTT JOINT)

PROP. PROJECT BEGINS- LOCATION 2
FAP 724 (IL 37/10TH ST.)
STA. 140+38 (PR. BUTT JOINT)
PROP. PROJECT BEGINS -
STA. 3+64 (IL 148) (PR. BUTT JOINT)



TOWNSHIP: MT. VERNON, DODDS



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

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

PROJECT ENGINEER - CHARLES STEIN (618)351-5210
PROJECT MANAGER - KATHI MCCORD (618)351-5319

CONTRACT NO. 78248

FAP 821 (IL 15):
NET LENGTH - 4499.65' = 0.852 MILES
GROSS LENGTH - 4542.65' = 0.860 MILES
FAP 724 (IL37):
NET LENGTH - 6950' = 1.316 MILES
GROSS LENGTH = 6963' = 1.319 MILES

PROJECT TOTAL
NET LENGTH = 11449.65 FT. = 2.168 MILE
GROSS LENGTH = 11508.65 FT. = 2.179 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 11 20 11
Mary C. Damie
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

July 1 20 11
Scott E. Still P.E.
Acting ENGINEER OF DESIGN AND ENVIRONMENT

July 1 20 11
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

Prepared By: *John Paulawicz*
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *James Eric Emy*
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Carrie Nelson*
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Bill Wiley*
DISTRICT OPERATIONS ENGINEER

Examined By: *[Signature]*
DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*
DISTRICT MATERIALS ENGINEER

Approved By: *Mary C. Lomie*
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 11 20 *11*
DATE

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -
at\px_work\pwsdot\mcaordkr\d8255706\78	48-shs.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/26/2011	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

----- SIGNATURE SHEET -----

SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	---(132.15.1)BS-4---	JEEEBERSON	37	2
CONTRACT NO. 78248				
ILLINOIS FED. AID PROJECT				

INDEX OF SHEETS

Sheet No.	Description
1	Cover Sheet
2	Signature Sheet
3	Index of Sheets, General Notes, Standards
4	General Notes (Continued); Mixture Requirements
5 - 6	Summary of Quantities
7 - 8	Typicals for FAP 832 (IL 15)
9 - 12	Typicals for FAP 724 (IL 37)
13 - 14	Typicals for IL 148 & IL 142
15 - 21	Schedules: Resurfacing; Pavement Marking
22 - 24	Plan Layout for FAP 821 (IL 15)
25 - 29	Plan Layout for FAP 724 (IL 37)
30 - 33	Intersection Details for FAP 724 (IL 37)
34	Details: Temporary Ramps at Streets; Butt Joints
35	Detail: Class B Patches (Special) on IL 142
36	Details: Placement for Crosswalks, Stop Bars and Detector Loops; Striped Islands Layout; District Detail of Detector Loops
37	District Standard Details: Uneven Pavement Sign; Rough Grooved Surface Sign; Temp. Hot-Mix Asphalt Transitions

STANDARDS:

- 442101-07
- 442201-03
- 701426-04
- 701306-03
- 701602-05
- 701701-07
- 701901-01
- 780001-02
- 781001-03
- 886001-01
- 886006-01

GENERAL NOTES

THE THICKNESS OF HOT MIX ASPHALT MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT MIX ASPHALT MIXTURE IS PLACED.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT	2.016 TONS/CU. YD.
ALL AGGREGATE	2.05 TONS/CU. YD.
BITUMINOUS MATERIALS:	
ON PAVEMENT	0.09 GAL./SQ. YD.
ON AGGREGATE SURFACE	0.32 GAL./SQ. YD.
AGGREGATE (PRIME COAT)	0.0015 TONS/SQ. YD.

AT ALL LOCATIONS WHERE THE PROPOSED HOT MIX ASPHALT OR CONCRETE PAVEMENT JOINS AN EXISTING HOT MIX ASPHALT OR CONCRETE PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED. THE COST OF THIS JOINT WILL BE INCLUDED IN THE COST OF THE TYPE OF PAVEMENT BEING CONSTRUCTED.

THE CONTRACTOR SHALL STAMP STATIONING IN THE PROPOSED HOT MIX ASPHALT SURFACE AT 100 m (300 FT.) INTERVALS ON ALTERNATING SIDES OF THE PAVEMENT AND AS DIRECTED BY THE ENGINEER. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 140 mm (5* IN.) TALL, OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

THE QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. PATCHING SURVEY WAS DONE APRIL 4, 2011.

ON IL 142 THE EDGES OF ALL PAVEMENT PATCHES SHALL BE SAWED TO THE FULL DEPTH OF THE EXISTING PAVEMENT. NO OVERSAWING WILL BE ALLOWED WHEN THE PATCH IS IN ONLY ONE LANE.

THE QUANTITY OF SHORT-TERM PAVEMENT MARKING SHOWN IN THE PLANS IS BASED ON ONE APPLICATION EACH FOR THE HMA SURFACE REMOVAL, SURFACE COURSE, AND BINDER COURSE.

BITUMINOUS RESURFACING SHALL BE PLACED IN A SEQUENCE THAT WILL MINIMIZE THE TIME THE CENTERLINE EDGE IS EXPOSED TO TRAFFIC. WHEN AT THE END OF A DAY'S OPERATION THE EXPOSED CENTERLINE EDGE IS GREATER THAN 600 METERS (2,000 FT.), THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE ADJACENT LANE ON THE FOLLOWING WORK DAY.

THE QUANTITY FOR PRIME COAT WAS CALCULATED IN TWO LAYERS, ONE APPLICATION AFTER MILLING THE EXISTING SURFACE AND ONE APPLICATION AFTER PLACING THE BINDER COURSE AND SHALL BE USED AS DIRECTED BY THE ENGINEER.

THE FURNISHING AND INSTALLATION OF THE 3.18 cm (1* IN.) CONDUIT WITH ITS TRENCHING AND BACKFILL FROM THE LOOP SAWCUT TO THE SPLICE POINT SHALL BE INCLUDED IN THE LOOP INSTALLATION UNLESS SHOWN OTHERWISE ON THE PLANS.

THE INDUCTION LOOP WIRE AND LEAD-IN WIRE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION.

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = macordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL		F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pw_work\pwt\dot\macordkr\8255706\78248-shfts.dgn		DRAWN -	REVISED -		NOTES; STANDARDS		RTE.	03215,URS-4	JEFFERSON	37	5
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 78248			
PLOT DATE = 5/11/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

**GENERAL NOTES
(CONTINUED)**

ALL DETECTOR LOOP CORNERS SHALL BE CORE DRILLED 5.08 cm (2 IN.) MINIMUM DIAMETER EXCEPT THOSE PLACED UNDER RESURFACING. THE DETECTOR LOOP CORNERS PLACED UNDER RESURFACING SHALL BE DIAGONALLY SAWCUT.

SAWED SLOTS FOR TWISTED PAIR ELECTRIC CABLES SHALL BE LARGER THAN SINGLE CONDUCTOR LOOP SLOTS.

THE LOCATION OF THE DETECTOR LOOPS, AS SHOWN ON THE PLANS, MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER OF TRAFFIC OPERATIONS.

ALL DETECTOR LOOPS SHALL BE INSTALLED PRIOR TO RESURFACING.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC OPERATIONS 72 HOURS PRIOR TO THE SHUT-DOWN OR CUTTING OF EXISTING DETECTOR LOOPS.

COMMITMENTS:
NONE

MIXTURE REQUIREMENTS

Location(s)	Hot-Mix Asphalt Surface Course (IL 15)
Mixture Use(s)	Polymerized Hot-Mix Asphalt Surface Course, Mix. E, N105
AC/PG	SBS PG76-22
RAP% (Max)	0
Design Air Voids	4.0%, 105 Gyration Design
Mixture Composition (Gradation)	IL-9.5mm or IL 12.5 mm
Friction Aggregate	E Surface

Location(s)	Hot-Mix Asphalt Surface Course (IL 37)
Mixture Use(s)	Polymerized Hot-Mix Asphalt Surface Course, Mix. D, N105
AC/PG	SBS PG76-22
RAP% (Max)	0
Design Air Voids	4.0%, 105 Gyration Design
Mixture Composition (Gradation)	IL-9.5mm or IL 12.5 mm
Friction Aggregate	D Surface

Location(s)	Hot-Mix Asphalt Leveling Binder
Mixture Use(s)	Polymerized Hot-Mix Asphalt Surface Course, Mix. C, N105
AC/PG	SBS PG76-22
RAP% (Max)	0
Design Air Voids	4.0%, 105 Gyration Design
Mixture Composition (Gradation)	IL-9.5mm or IL 12.5 mm
Friction Aggregate	None

Location(s)	Class D Patching
Mixture Use(s)	Hot-Mix Asphalt Binder Course, N90, IL-19.0
AC/PG	PG64-22
RAP% (Max)	10
Design Air Voids	4.0%, 90 Gyration Design
Mixture Composition (Gradation)	IL-19.0
Friction Aggregate	None

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = macordkr	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTE (CONT.) & MIXTURE REQUIREMENTS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
os\pwork\pwork\macordkr\0255706\7849-sh1a.dgn		DRAWN -	REVISD -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	---	(132.15.1185:4	JEERSON	37	4
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISD -		STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT					
PLOT DATE = 5/2/2011		DATE -	REVISD -		CONTRACT NO. 78248						

SUMMARY OF QUANTITIES

FAP 821 (IL 15)	FAP 724 (IL 37)	FAP 724 (IL 37)
80% FED. ; 20% STATE		80% FED. / 20% CITY
RESURFACING		PARKING LANES
JEFFERSON COUNTY		
CONSTRUCTION TYPE CODE 0005		

URBAN

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
Z0034105	MATERIAL TRANSFER DEVICE	TON	9151	3841	5272	38
X4420668	CLASS B PATCHES, TYPE IV, 8 INCH (SPECIAL)	SQ YD	28		28	
Z0026346	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1		
Z0048665	PROTECTIVE RAILROAD LIABILITY INSURANCE	L SUM	1	0.5	0.5	
40600115	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	GALLON	11740	4933	6761	46
40600300	AGGREGATE (PRIME COAT)	TON	196	82	113	1
40600855	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N105	TON	3662	1533	2114	15
40600990	TEMPORARY RAMP	SQ YD	508	250	258	
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIXTURE D, N105	TON	3181		3158	23
40603575	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIXTURE E, N105	TON	2308	2308		
44000100	PAVEMENT REMOVAL	SQ YD	28		28	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"	SQ YD	65218	27403	37561	254
44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ YD	44.1		44.1	
44200942	CLASS B PATCHES, TYPE III, 8 INCH	SQ YD	15.3		15.3	
44200944	CLASS B PATCHES, TYPE IV, 8 INCH	SQ YD	25		25.0	
44201299	DOWEL BARS 1 1/2"	EACH	44		44	
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	850.1	224.0	626.1	
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	357.9	120.0	237.9	
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	534.7	53.4	481.3	
44213100	PAVEMENT FABRIC	SQ YD	43.0		43.0	
44213200	SAW CUTS	FOOT	795		795	
44213204	TIE BARS 3/4"	EACH	279		279	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	1	2	
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.5	0.5	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5	
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	3	1	2	

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoor-dkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et\p\work\p\m\dot\mcoor-dkr\d0255705\78248-shita.dgn		DRAWN -	REVISED -		SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____			137.15.11RS-4	JEFFERSON	37	5	
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -									
PLOT DATE = 5/12/2011		DATE -	REVISED -									
CONTRACT NO. 78248												
ILLINOIS FED. AID PROJECT												

SUMMARY OF QUANTITIES

FAP 821 (IL 15)	FAP 724 (IL 37)	FAP 724 (IL 37)
80% FED. ; 20% STATE		80% FED. / 20% CITY
RESURFACING		PARKING LANES
JEFFERSON COUNTY		
CONSTRUCTION TYPE CODE 0005		

URBAN

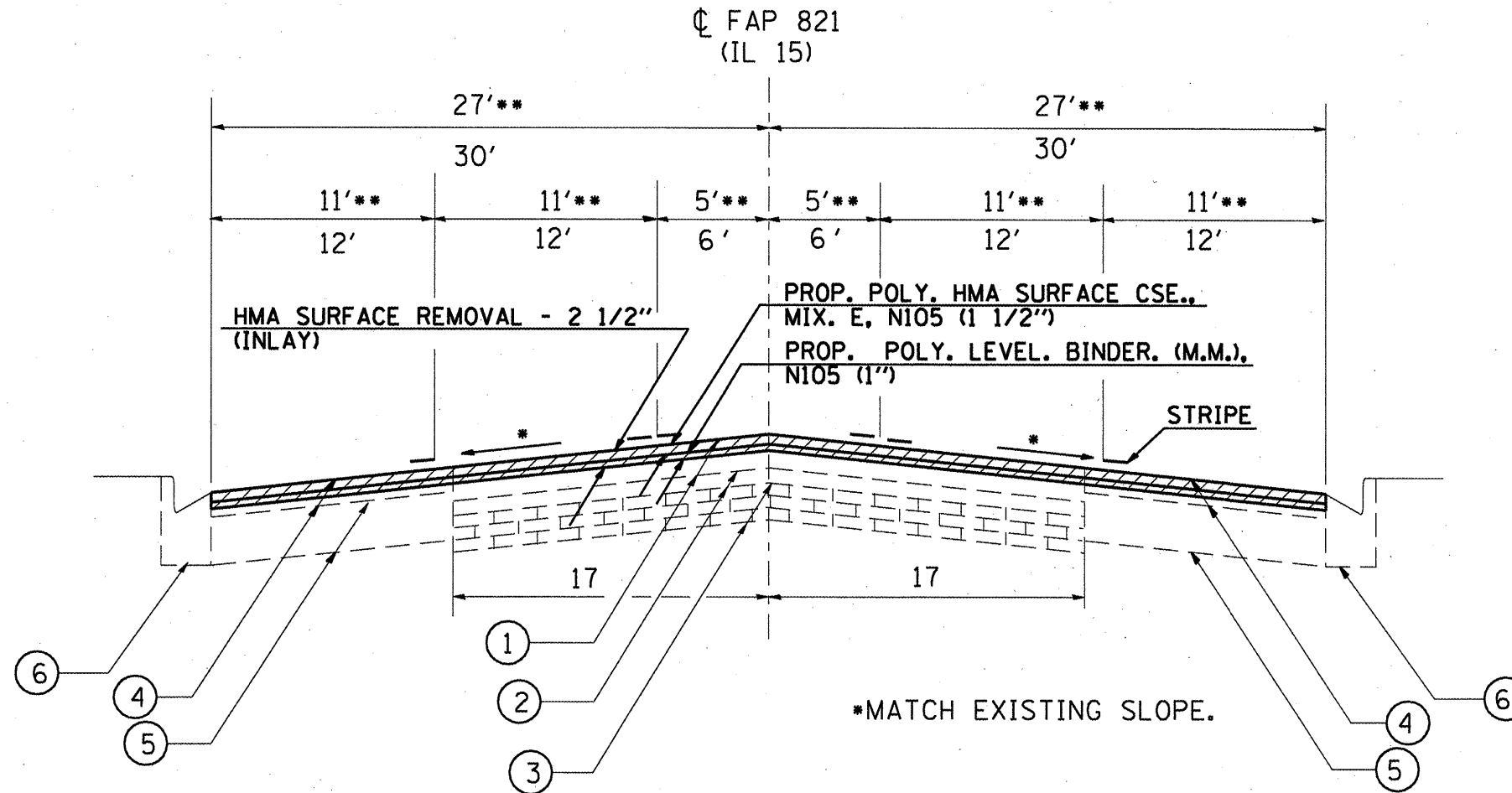
CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	QUANTITY	QUANTITY	QUANTITY
70300100	SHORT- TERM PAVEMENT MARKING	FOOT	11049	5005	6044	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1133.8	434.4	699.4	
70300220	TEMPORARY PAVEMENT MARKING, LINE 4"	FOOT	31660	12055	19444	161
70300240	TEMPORARY PAVEMENT MARKING, LINE 6"	FOOT	556	0	556	
70300250	TEMPORARY PAVEMENT MARKING, LINE 8"	FOOT	553	226	327	
70300260	TEMPORARY PAVEMENT MARKING, LINE 12"	FOOT	705	75	630	
70300280	TEMPORARY PAVEMENT MARKING, LINE 24"	FOOT	640	140	500	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14057	5592	8465	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1133.8	434.4	699.4	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	31660	12055	19444	161
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	556	0	556	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	553	226	327	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	705	75	630	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	640	140	500	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	667	324	343	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	412	0	412	
88600100	DETECTOR LOOP, TYPE 1	FOOT	2556	0	2556	

*SPECIALTY ITEM

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES (CONT.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw\work\pmsdot\mcoordkr\d0255706\78248-shts.dgn		DRAWN -	REVISED -				(137.15.URS-4	JEFFERSON	37	6
PLOT SCALE = 100.0000' / 1" =		CHECKED -	REVISED -		SCALE: _____					
PLOT DATE = 5/11/2011		DATE -	REVISED -		SHEET NO. _____ OF _____ SHEETS					
					STA. _____ TO STA. _____					
										CONTRACT NO. 78248
										ILLINOIS FED. AID PROJECT

TYPICAL SECTION #1
FAP 821/IL 15/BROADWAY AVE.



① Exist. Bituminous Surface Cse. and Bituminous Binder Cse. (6")

② Exist. Leveling Binder

③ Exist. Brick Pavment on PCC Base

④ Exist. Bituminous Surface and Binder Cse. (4 1/2")

⑤ Exist. PCC Base Cse. 8"

⑥ Exist. Comb. Conc. Curb & Gutter, Ty. B

EQUATION STATIONS:
ON BROADWAY -
EQ. STA. 651+32.46 (BK.) =
STA. 29+56.55 (AH). MAIN ST.
ON MAIN ST. -
EQ. STA. 31+55.72 (BK.) =
STA. 31+56.77 (AH)

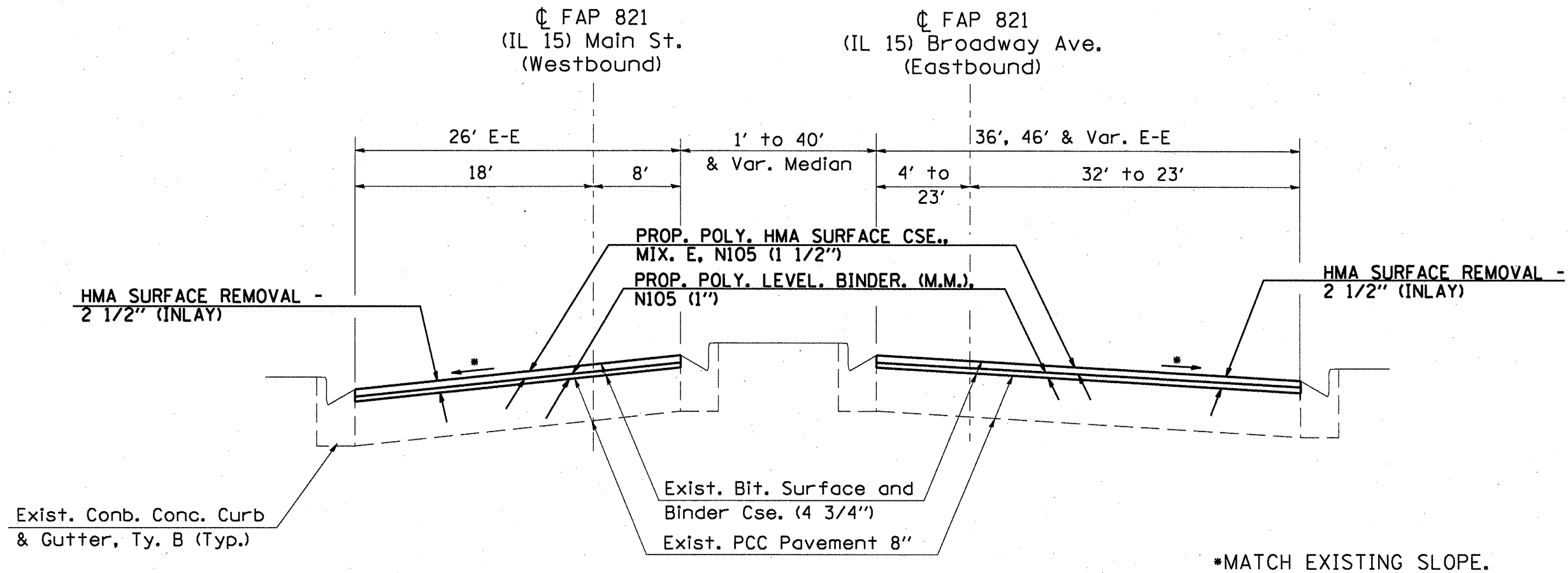
TO BE USED:
BROADWAY AVE.
STA. 612+60 TO STA. 623+90**
STA. 623+90 TO STA. 651+32.46

••EDGE OF PAVEMENT WIDTH TRANSITIONS
FROM 54' TO 60' BETWEEN STA. 623+90 TO
STA. 626+00.

FAP 821/724 (IL 15/37)

FILE NAME *	USER NAME = moordkr	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 15... NUMBER 1	F.A.P. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
at\pw_work\pwsdat\moordkr\d0255706\78248-sh1s.dgn		DRAWN - ---	REVISED - ---			---	---	---	---	---	---
PLOT SCALE = 100.0000 ' / IN.		CHECKED - ---	REVISED - ---			---	---	---	---	---	---
PLOT DATE = 4/26/2011		DATE - ---	REVISED - ---			---	---	---	---	---	---
					SCALE: -----	SHEET NO. -- OF -- SHEETS	STA. ----- TO STA. -----	ILLINOIS FED. AID PROJECT			

TYPICAL SECTION #2
 FAP 821/IL 15/BROADWAY AVE. & MAIN ST.



*MATCH EXISTING SLOPE.

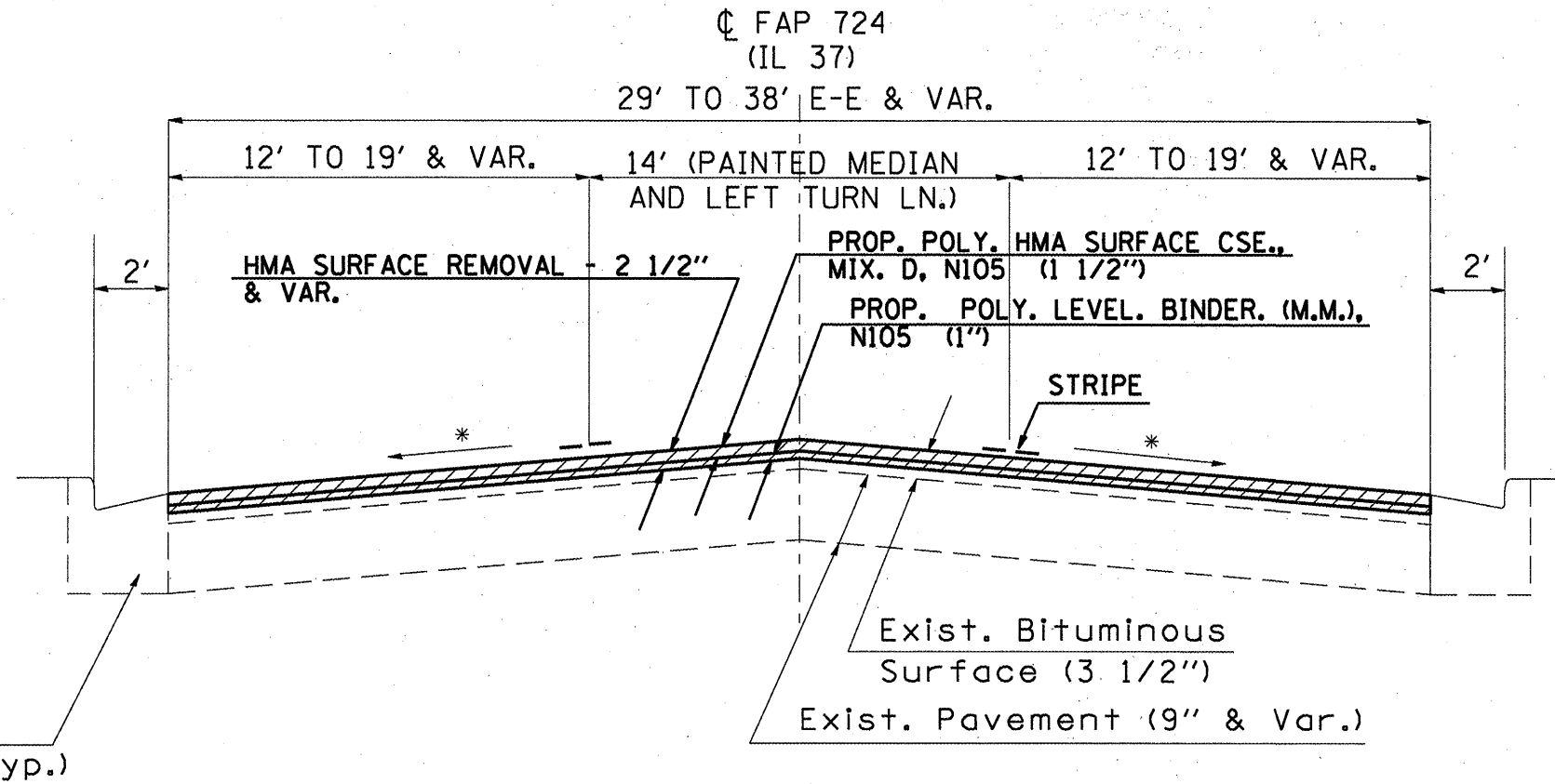
TO BE USED:
 STA. 651+32.46 TO STA. 654+21 (BROADWAY AVE.)
 STA. 654+21 TO STA. 654+42 (RAILROAD CROSSING - OMIT)
 STA. 654+42 TO STA. 655+00 (BROADWAY AVE. - END OF PROJECT)
 STA. 29+56.55 TO STA. 31+61 (MAIN ST.)
 STA. 31+61 TO STA. 31+77 (RAILROAD CROSSING - OMIT)
 STA. 31+77 TO STA. 32+60 (MAIN ST.- END OF PROJECT)

EQUATION STATIONS:
 ON BROADWAY -
 EQ. STA. 651+32.46 (BK.) =
 STA. 29+56.55 (AH). MAIN ST.
 ON MAIN ST. -
 EQ. STA. 31+55.72 (BK.) =
 STA. 31+56.77 (AH)

FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = moordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS - IL 15... NUMBER 2	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at\pwork\pwork\moordkr\8255706\78248-shs.dgn	DRAWN -	REVISED -	132.15.11BS-4			JEFFERSON	37	8		
PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -	CONTRACT NO. 78248							
PLOT DATE = 4/26/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: _____	SHEET NO. ____ OF ____ SHEETS		STA. _____ TO STA. _____		

TYPICAL SECTION #3
FAP 724/IL 37/10TH STREET

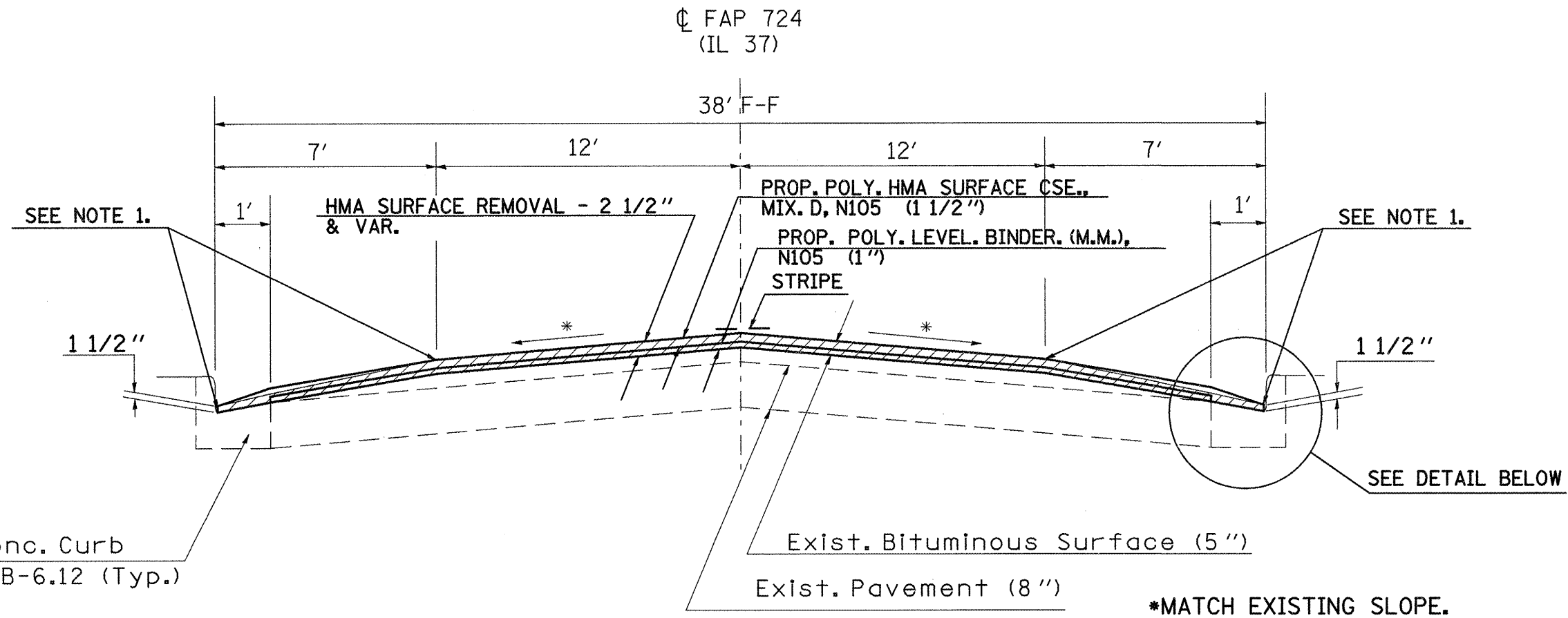


TO BE USED:
STA. 140+38 TO STA. 144+63.55

FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION - IL 37 -		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw\work\pwidot\mcoordkr\d0255706\7848-shs.dgn	48-shs.dgn	DRAWN -	REVISD -		NUMBER 3		---	---	---	---	---
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISD -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	---	---	---	---
PLOT DATE = 4/26/2011		DATE -	REVISD -		CONTRACT NO. 78248		ILLINOIS FED. AID PROJECT				

TYPICAL SECTION #4
FAP 724/IL 37/10TH STREET



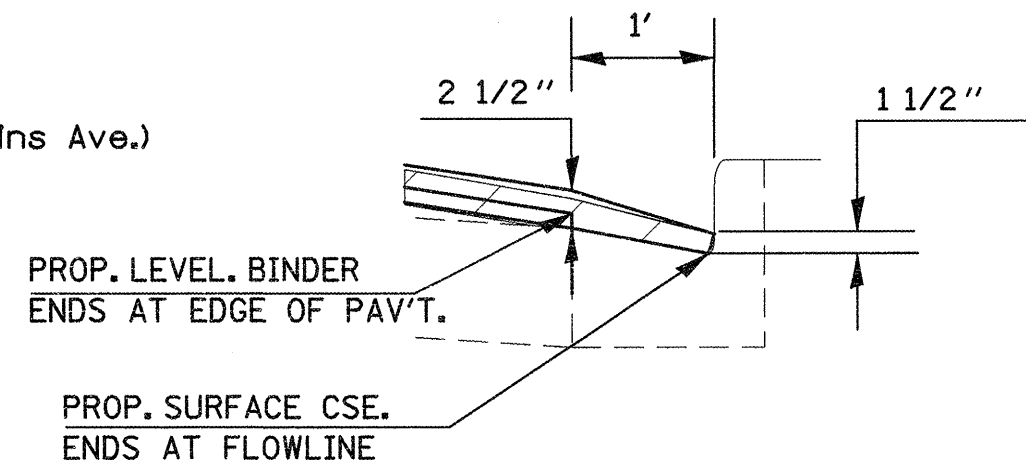
Exist. Conb. Conc. Curb
& Gutter, Ty. B-6.12 (Typ.)

NOTE 1:
HMA SURFACE REMOVAL (MILLING)
SHALL TAPER FROM 2 1/2" TO
1 1/2" IN THE LAST 8' OF EX.
SURFACE MILLING LT. AND RT.
OF THE CENTERLINE.

TO BE USED:
STA. 144+63.55 TO STA. 150+00
EQ. STA. 150+00 (BK.) = STA. 96+43 (AH.)
STA. 96+43 TO 74+51
(From Intersection of IL 142/IL148 to Perkins Ave.)

EQ. STA. 150+00 (SOUTH IL 37 ALIGNMENT) BK. =
STA. 96+43 (NORTH IL 37 ALIGNMENT) AH.

*MATCH EXISTING SLOPE.

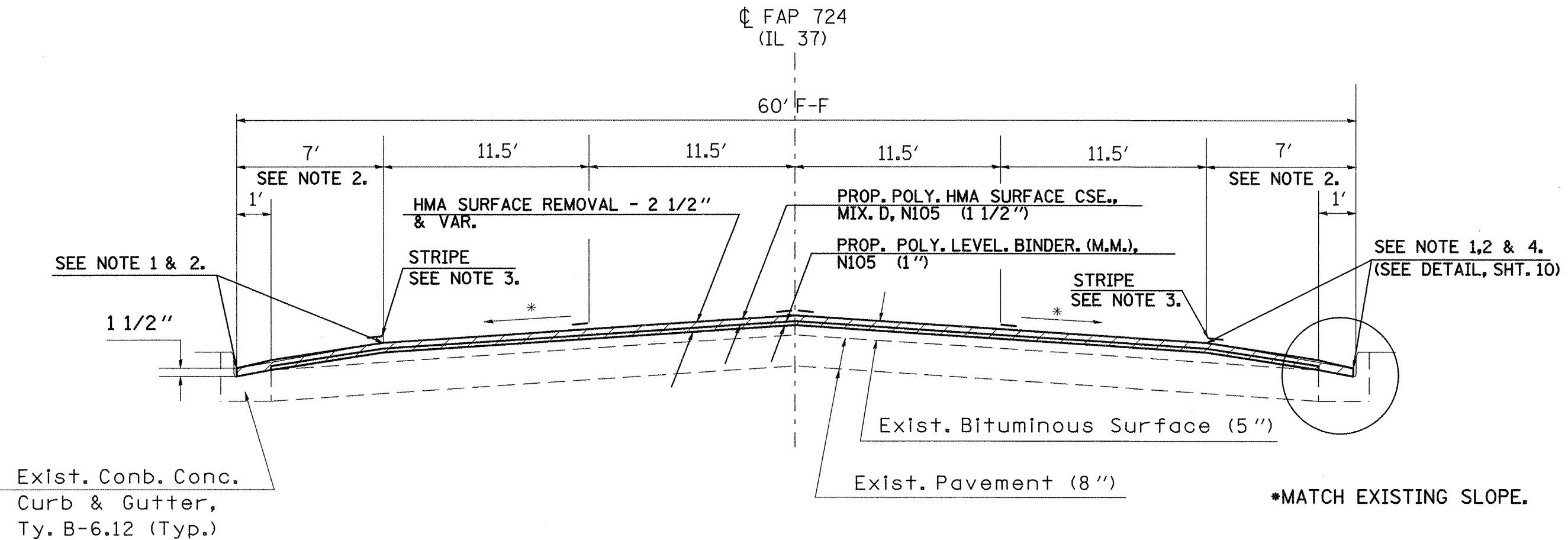


DETAIL OF EDGE OF
PAVEMENT AND FLOWLINE
TREATMENT.

FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION - IL 37 NUMBER 4		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\p1dot\mcoordkr\10255706\78248-ahts.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	137.15.11R5-4	JEFFERSON	37	10
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -				CONTRACT NO. 78248		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/11/2011		DATE -	REVISED -								

TYPICAL SECTION #5
FAP 724/IL 37/10TH STREET



TO BE USED:
STA. 74+51 TO STA. 62+80
(Perkins Ave. to Prairie Ave.)
STA. 47+54 TO STA. 43+82
(Casey Ave. to Jordan St.)

NOTE 1:
HMA SURFACE REMOVAL (MILLING)
SHALL TAPER FROM 2 1/2" TO
1 1/2" IN THE LAST 8' OF EX.
SURFACE MILLING LT. AND RT.
OF THE CENTERLINE.

NOTE 2:
PROP. HMA SURFACE COURSE SHALL
TAPER FROM 2 1/2" TO 1 1/2" IN 1'
AT GUTTER FLOWLINE, LT. AND RT. OF
CENTERLINE.

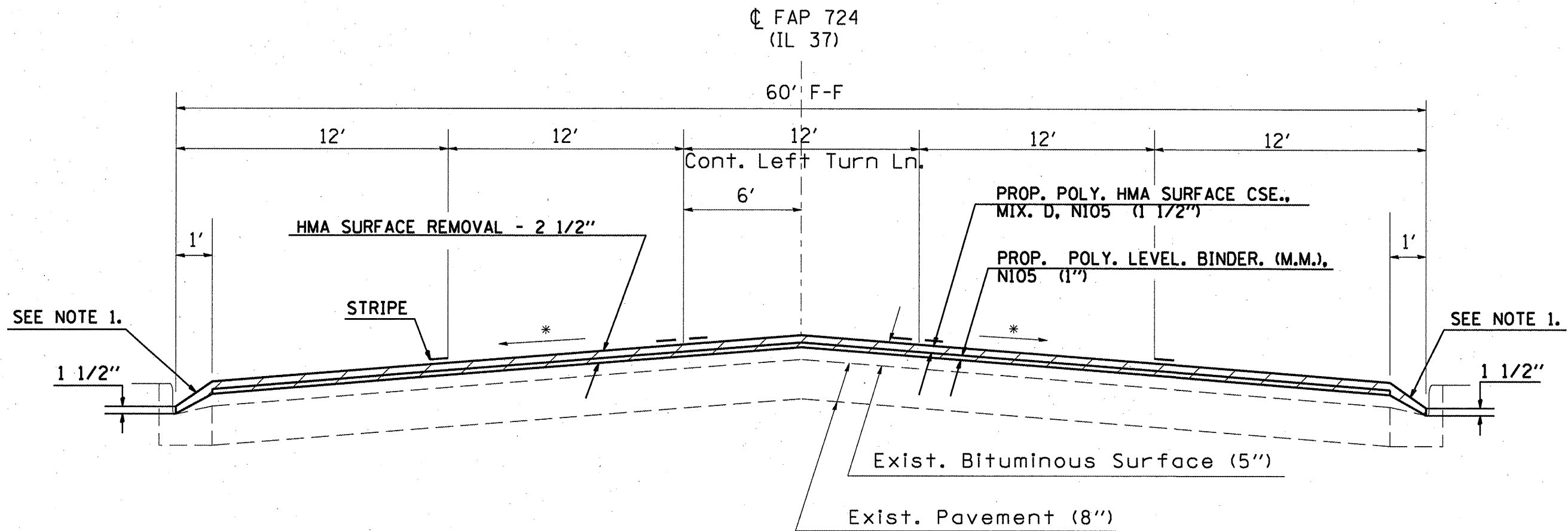
NOTE 3:
EXIST. PARKING LANES TO BE STRIPED
BETWEEN CASEY AVE. AND JORDON ST.

4. WHERE THERE IS EXISTING SURFACE
IN FLOWLINE OF GUTTER, IT WILL BE MILLED
AND SURFACED. AT LOCATIONS WHERE THERE
IS NO SURFACE IN FLOWLINE, IT WILL BE UP
TO THE ENGINEER TO DETERMINE WHETHER TO
SURFACE OR NOT IN THE GUTTER AT THESE
LOCATIONS.

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION - IL 37 NUMBER 5		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pw\work\p\mcaordkr\d0255786\78248-ahts.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. OF _____ SHEETS	STA. _____ TO STA. _____	137.15.DRS-4	JEFFERSON	37	11
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -				CONTRACT NO. 78248		ILLINOIS FED. AID PROJECT		
PLOT DATE = 5/11/2011		DATE -	REVISED -								

TYPICAL SECTION #6
FAP 724/IL 37/10TH STREET



TO BE USED:
STA. 62+80 TO STA. 47+54
(Prairie Ave. to Casey Ave.)

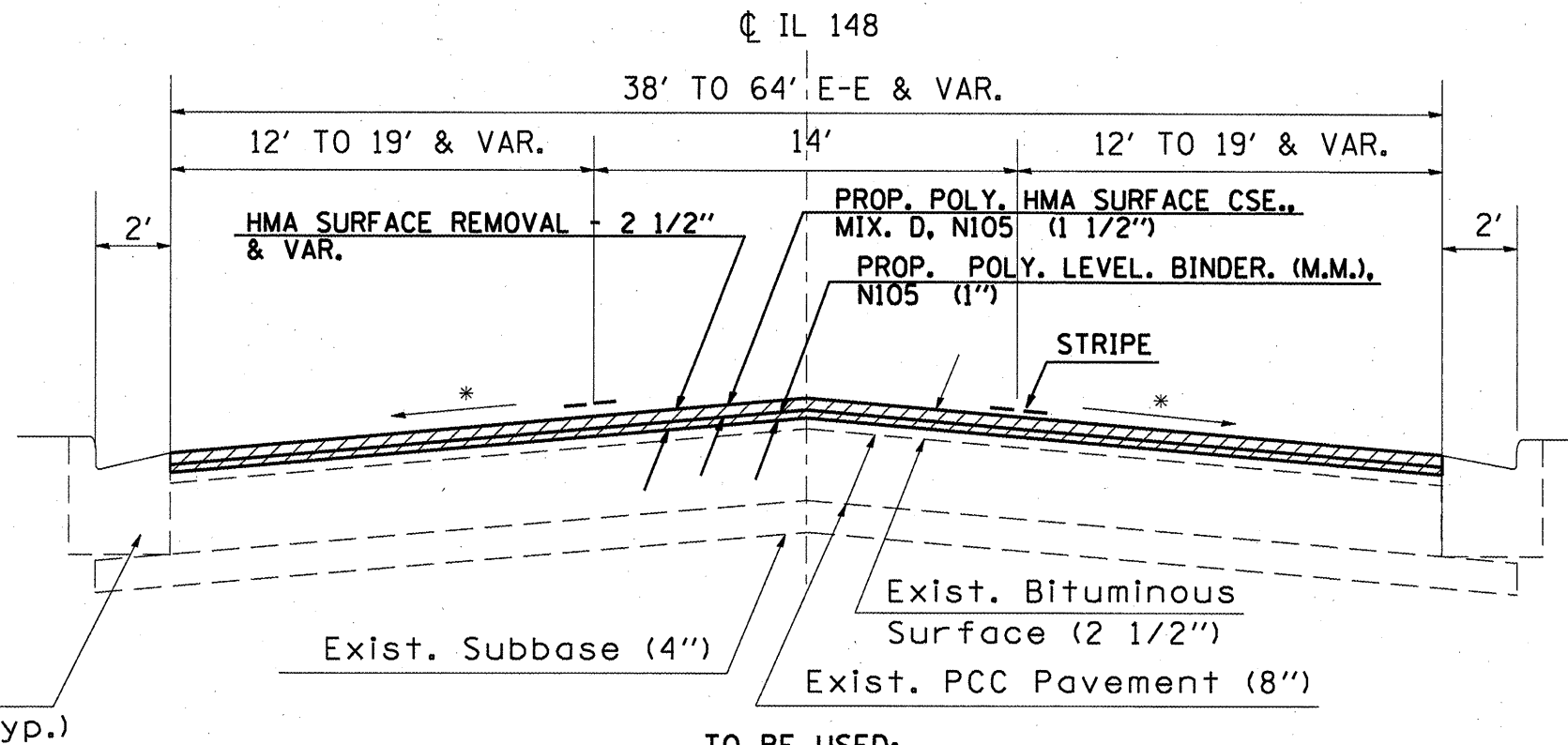
*MATCH EXISTING SLOPE.

NOTE 1:
PROP. HMA SURFACE COURSE SHALL
TAPER FROM 2 1/2" TO 1 1/2" IN 1'
AT GUTTER FLOWLINE, LT. AND RT. OF
THE CENTERLINE.

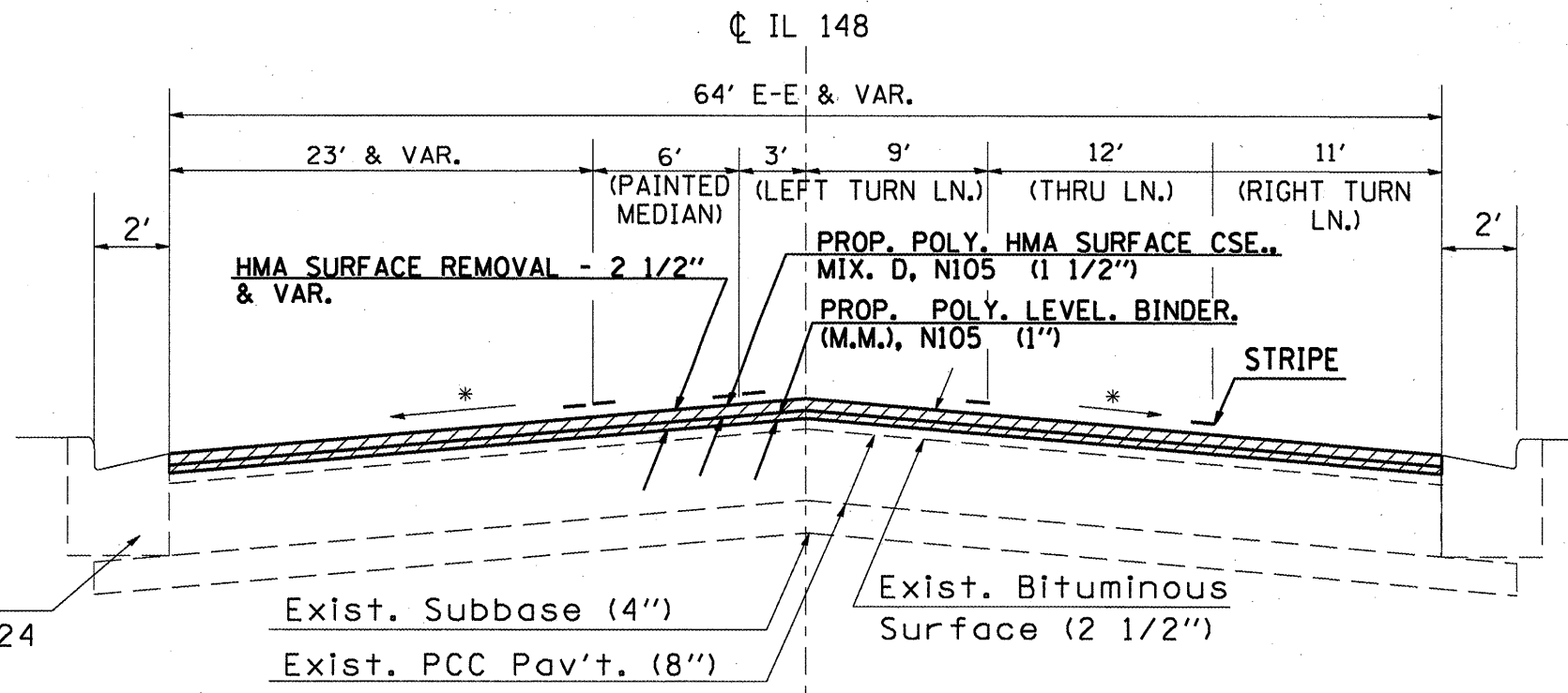
FAP 821/724 (IL 15/37)

FILE NAME *	USER NAME = mcoordkr	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION - IL 37...		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwidot\mcoordkr\d8255706\7848-sh1a.dgn		DRAWN -	REVISD -		NUMBER 6		132.15.1185:4	JEFFERSON	31	12	
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISD -		SCALE:	SHEET NO. OF SHEETS	STA.	CONTRACT NO. 78249		ILLINOIS FED. AID PROJECT	
PLOT DATE = 4/26/2011		DATE	REVISD -								

TYPICAL SECTIONS #7
ILLINOIS 148



TO BE USED:
STA. 3+64 TO STA. 8+05



TO BE USED:
STA. 8+05 TO STA. 9+81

FAP 821/724 (IL 15/37)

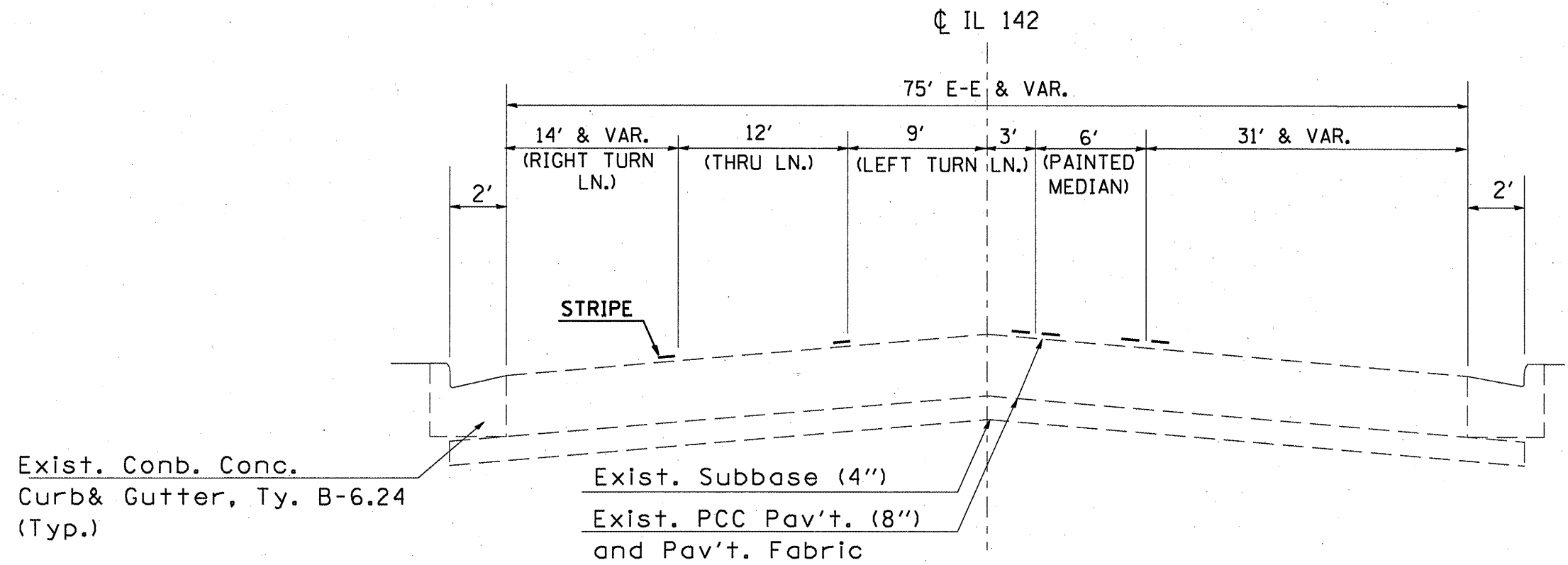
FILE NAME =	USER NAME = macordkr	DESIGNED -	REVISD -
ca:\pwork\pwork\macordkr\0225706\7848-shs.dgn		DRAWN -	REVISD -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISD -
PLOT DATE = 4/26/2011		DATE -	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION - IL 148
NUMBER 7
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
132.15.185:4	VEEERSON		37	13
CONTRACT NO. 70248			ILLINOIS FED. AID PROJECT	

TYPICAL SECTION #8
ILLINOIS 142



TO BE USED:
STA. 10+19 TO STA. 11+03

NOTE: PATCHING AND STRIPING
ONLY ON THIS SECTION.

FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	--- TYPICAL SECTION --- IL 142 --- NUMBER 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\proj_vork\pwidot\mcoardkr\d0255786\78248-ahs.dgn	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISD -			---	1132.15.1185-4	JEFFERSON	37	14	
PLOT DATE = 4/26/2011	DATE -	CHECKED -	REVISD -			SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 78248			
		DATE -	REVISD -			ILLINOIS FED. AID PROJECT					

FAP 821 (IL 15) PAVEMENT RESURFACING SCHEDULE

LOCATION STATION TO STATION	LENGTH <small>FOR INFORMATIONAL PURPOSE ONLY</small> (FT)	ROADWAY WIDTH (FT)	ROADWAY AREA (SQ YD)	HOT-MIX ASP. SURF. REMOV. 2 1/2" (SQ YD)	TEMP RAMP (SQ YD)	POLY. HOT-MIX ASP. SUR. CSE. MIX E, N 105 (1 1/2") (TON)	POLY. LEVELING BINDER (MM) N90 (1") (TON)	POLY. BIT. MAT. (PRIME COAT) (GAL)	AGG. (PRIME COAT) (TON)	NOTES									
											(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(GAL)	(TON)
											FAP 821 (IL 15 - Broadway Ave.) - STA. 612+60 to STA. 623+90								
612+60.00 TO 623+90.00	1130	54	6780	6780	51	570	379	1220	20										
623+90.00 TO 626+00.00	210	57	1330	1330		112	75	239	4										
626+00.00 TO 651+32.46	2532	60	16883	16883		1419	942	3039	51										
651+32.46 TO 652+45.00	113	33	413	413		35	23	74	1										
Lt. 651+32.46 TO 652+45.00	113	5	63	63		6	4	11	0	Painted Median Area									
652+45.00 TO 654+21.00	176	41	802	802	40	68	45	144	2										
Ex. Railroad Crossing - Sta. 654+21 to Sta. 654+42																			
654+42.00 TO 655+00.00	58	46	296	296	84	25	17	53	1										
FAP 821 (IL 15 -Main St.) - STA. 29+56.55 to STA. 32+60																			
Eq. Sta. 651+32.46 (bk.) = Sta. 29+56.55 (ah.)																			
29+56.55 TO 30+69.00	112	28.0	350	350		30	20	63	1										
30+69.00 TO 31+55.72	87	26.0	251	251		22	14	45	1										
Eq. Sta. 31+55.72 (bk.) = Sta. 31+56.77 (ah.)																			
31+56.77 TO 31+58.00	1	26.0	4	4	25	1	1	1	0										
Ex. Railroad Crossing - Sta. 31+58 to Sta. 31+80																			
31+80.00 TO 32+60.00	80	26.0	231	231	50	20	13	42	1										
FAP 821 (IL 15) TOTALS				27,403	250	2308	1533	4933	82										

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 15 RESURFACING SCHEDULE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pr_work\pindot\mcoordkr\d0255706\7848-ahts.dgn	DRAWN -	REVISED -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	*	(137.15.DRS-4	JEFFERSON	37	15
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 78248							
PLOT DATE = 5/11/2011	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

FAP 724 (IL 37) PAVEMENT RESURFACING SCHEDULE

LOCATION STATION TO STATION			LENGTH	ROADWAY WIDTH	ROADWAY AREA	HOT-MIX ASP. SURF. REMOV. 2 1/2"	TEMP RAMP	POLY. HOT-MIX ASP. SUR. CSE. MIX E, N 105 (1 1/2")	POLY. LEVELING BINDER (MM) N90 (1")	POLY. BIT. MAT. (PRIME COAT)	AGG. (PRIME COAT)	NOTES			
			FOR INFORMATIONAL PURPOSE ONLY			(SQ YD)	(SQ YD)	(TON)	(TON)	(GAL)	(TON)				
(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(GAL)	(TON)						
FAP 724 (IL 37/10th St.) - STA. 140+38 to STA. 150+00															
	140+38.00	TO	143+00.00	262	34	975	975	28	82	55	176	3	Pav' t. width Is 29' to 38' e-e		
Rt.	142+81.00	TO	143+52.00	71	16	64	64		6	4	12	0	In Right Turn Lane		
	143+00.00	TO	150+00.00	700	38	2956	2956		249	165	532	9			
Eq. Sta. 150+00 (bk.) = Sta. 96+43 (ah.)															
	96+43.00	TO	74+70.00	2173	38	9175	9175		771	512	1651	28			
	74+70.00	TO	59+19.00	1551	60	10340	10340		869	577	1861	31			
	59+19.00	TO	49+90.00	929	60	6193	6193		521	346	1115	19			
	49+90.00							61							
Ex. Railroad Crossing - Sta. 49+90 to Sta. 49+74															
	49+74.00							61							
	49+74.00	TO	43+82.00	592	60	3947	3693	57	309	206	665	11	See Note 1 below.		
Rt.	46+82.00	TO	45+56.00	126	7.0	98	98		9	6	18	0	Parking Lane		
Lt.	46+45.00	TO	44+45.00	200	7.0	156	156		14	9	28	0	Parking Lane		
Side Streets on FAP 724 (IL 37/10th St.)															
FAP 724 (IL 37) TOTALS									33,650	207	2830	1880	6057	101	

1. Existing Parking Lanes along this location have been subtracted from quantities.

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37 RESURFACING SCHEDULE			F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\p1dot\mcoordkr\d0255706\78248-shft.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	137.15	JEFFERSON	37	16	
PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -					CONTRACT NO. 78248				
PLOT DATE = 5/11/2011		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

IL 148/142 PAVEMENT RESURFACING SCHEDULE

LOCATION STATION TO STATION				LENGTH	ROADWAY WIDTH	ROADWAY AREA	HOT-MIX ASP. SURF. REMOV. 2 1/2"	TEMP RAMP	POLY. HOT-MIX ASP. SUR. CSE. MIX E, N 105 (1 1/2")	POLY. LEVELING BINDER (MM) N90 (1")	POLY. BIT. MAT. (PRIME COAT)	AGG. (PRIME COAT)	NOTES	
				FOR INFORMATIONAL PURPOSE ONLY										
				(FT)	(FT)	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(GAL)	(TON)		
IL 148 - STA. 3+64 to STA. 9+81														
3+64.00	TO	5+27.00		163	38	688	688	51	58	39	124	2		
5+27.00	TO	8+05.00		278	51	1575	1575		133	88	284	5	Pav't. width is 38' to 64' e-e	
8+05.00	TO	9+81.00		176	Var.	1901	1901	25	160	107	342	6	See Note 1.	
10+19.00								25						
IL 148 Totals							4165	101	351	234	750	12		

1. The Square Yard quantity was calculated using the Cadd area tool.

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 148 RESURFACING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\prk\work\pwsdot\mcoordkr\d0255705\7849-shs.dgn		DRAWN -	REVISED -				(132.15.185-4	JEFFERSON	37	17
PLOT SCALE = 1/8" = 100'-0" / IN.		CHECKED -	REVISED -							
PLOT DATE = 5/2/2011		DATE -	REVISED -		SCALE: _____	SHEET NO. _____	OF _____	SHEETS	STA. _____	TO STA. _____
ILLINOIS FED. AID PROJECT CONTRACT NO. 78248										

IL 15 PAVEMENT MARKING SCHEDULE

STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING						TEMPORARY					SHORT-TERM	NOTES
				4 INCH (SKIP-DASH)	4 INCH YELLOW	8 INCH	12 INCH (DIAGONALS)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	8 INCH	12 INCH	24 INCH	LETTERS AND SYMBOLS	4 INCH	
				FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	
IL 15 (Broadway Ave.) - Sta. 612+60 to 655+00																
LT & RT	612+60.0	TO	651+32.5	1938										2323		
RT	612+60.0	TO	651+32.5	969	3873									1162	CLTL	
LT	612+60.0	TO	651+32.5	969	3873									1162	CLTL	
	614+00.0									31.2				31.2	Dual Left Turn Ar.	
	619+00.0									31.2				31.2	Dual Left Turn Ar.	
	623+00.0									31.2				31.2	Dual Left Turn Ar.	
	627+00.0									31.2				31.2	Dual Left Turn Ar.	
	631+00.0									31.2				31.2	Dual Left Turn Ar.	
	635+00.0									31.2				31.2	Dual Left Turn Ar.	
	639+00.0									31.2				31.2	Dual Left Turn Ar.	
	643+00.0									31.2				31.2	Dual Left Turn Ar.	
	647+00.0									31.2				31.2	Dual Left Turn Ar.	
	650+00.0									31.2				31.2	Dual Left Turn Ar.	
RT	651+25.0							36				36				
RT	651+00.0							14.4				14.4			4-Railroad "R"s	
RT	651+50.0							108.0				108.0			2-Railroad "X"s	
	651+75.0							36				36				
RT	651+32.5	TO	652+45.0	29				29						68	Thru Lanes	
RT	651+32.5	TO	652+45.0	29	113	226	75	142	226	75				68	CLTL	
RT	653+80.0							42				42				
RT	652+45.0	TO	654+24.0	90				90						107	Thru Lanes	
Ex. RR Crossing - Sta. 654+24 to Sta. 654+39																
	654+39.0	TO	655+00.0		101					101				32	Thru Lanes	
IL 15 (Main St.) - Sta. 29+56.55 to 32+60																
Eq. Sta. 651+32.46 (bk.) = Sta. 29+56.55 (ah.)																
	29+56.6	TO	31+58.0	51						51				60	Thru Lanes	
Ex. RR Crossing - Sta. 31+58 to Sta. 31+80																
	31+80.0	TO	32+60.0	20						20				24	Thru Lanes	
	32+23.0							26				26				
SUBTOTALS				4,095	7960	226	75	140	434.4	12,055	226	75	140	434.4	5,005	
TOTALS				12,055		226	75	140	434.4	12,055	226	75	140	434.4	5,005	

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mecordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 15 PAVEMENT MARKING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\prj_work\pwsdot\me cordkr\d8255786\7848-shs.dgn		DRAWN -	REVISED -				(132.15.1185-4	JEEREBSON	37	18
PLOT SCALE = 1/8" = 100.0000' / IN.		CHECKED -	REVISED -							
PLOT DATE = 5/2/2011		DATE -	REVISED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____		
ILLINOIS FED. AID PROJECT										

IL 37 PAVEMENT MARKING SCHEDULE

STATION TO STATION	THERMOPLASTIC PAVEMENT MARKING								TEMPORARY					SHORT-TERM	NOTES	
	4 INCH (SKIP-DASH)	4 INCH (SOLID WHITE)	4 INCH YELLOW (NO PASS ZONE)	6 INCH (CROSS-WALK)	8 INCH (ISLANDS)	12 INCH (DIAG'S.)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	6 INCH	8 INCH	12 INCH	24 INCH	LETTERS AND SYMBOLS		4 INCH
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT		FOOT
IL 37 (10th St.) - Sta. 140+38 to Sta. 43+82																
LT & RT	140+38.0	TO	143+00.0					115								
LT	143+00.0	TO	144+15.0					25					25			
	143+10.0												20.8			
	143+38.0												15.6			
RT	143+00.0	TO	144+15.0					23					23			
RT	143+70.0	TO	144+20.0									108				
Intersection of IL 37 and IL 148/142																
LT	145+07.0	TO	145+41.0										77			
RT	145+13.0	TO	146+56.0					25					25			
LT	145+13.0	TO	146+56.0					20					20			
	146+10.0												15.6			
	146+38.0												20.8			
RT	146+56.0	TO	148+25.0					50					50			
LT & RT	148+25.0	TO	150+00.0					350					350			
Eq. Sta. 150+00 (bk.) = Sta. 96+43.00 (ah.)																
LT & RT	96+43.0	TO	74+85.0										4,316			
RT	75+93.0	TO	74+85.0					25					108			
	75+83.0												20.8			
	75+55.0												15.6			
	74+81.0												76			
Intersection of IL 37 and Perkins Ave.																
	73+95.0												120			
LT	73+85.0	TO	72+76.0					36					109			
LT	73+85.0	TO	72+76.0										109			
LT & CL	73+22.0												31.2			
LT	73+22.0												11.5			
LT & CL	72+94.0												62.4			
RT	73+85.0	TO	72+76.0					218					218			
RT	73+85.0	TO	72+76.0					27					27			
RT	72+76.0	TO	71+56.0					50					50			
LT & RT	72+76.0	TO	59+52.0					36					662			
LT & RT	71+56.0	TO	63+51.0										1,610			
LT & RT	63+51.0	TO	60+63.0					115					1,152			
LT	60+63.0	TO	59+52.0										222			
RT	60+63.0	TO	59+52.0										111			
	60+53.0												20.8			
	60+25.0												15.6			
	59+47.0												120			
Intersection of IL 37 and Newby Ave.																
	58+87.0												120			
RT	58+77.0	TO	57+28.0					36					298			
LT	58+77.0	TO	57+28.0										149			
	57+74.0												15.6			
	57+46.0												20.8			
LT & RT	58+77.0	TO	49+90.0										444			
RT	57+28.0	TO	56+82.0					13					184			
LT & RT	56+82.0	TO	51+51.0										1,062			
LT & RT	56+82.0	TO	51+51.0										266			
	56+00.0												31.2			

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED - ---	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37 PAVEMENT MARKING SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
al:\pwork\pwork\mcoardkr\0255786\7848-sh1a.dgn		DRAWN - ---	REVISED - ---			---	---	---	---	---	---
PLOT SCALE = 1/8" = 1' IN.		CHECKED - ---	REVISED - ---			SCALE: -----	SHEET NO. -- OF -- SHEETS	STA. -----	TO STA. -----	CONTRACT NO. 78248	ILLINOIS FED. AID PROJECT
PLOT DATE = 5/2/2011		DATE - ---	REVISED - ---								

**IL 37 PAVEMENT MARKING SCHEDULE
(CONTINUED)**

STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING					TEMPORARY					SHORT-TERM	NOTES				
				4 INCH (SKIP-DASH)	4 INCH (SOLID WHITE)	4 INCH YELLOW (NO PASS ZONE)	6 INCH (CROSS-WALK)	8 INCH (ISLANDS)	12 INCH (DIAG'S.)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	6 INCH	8 INCH		12 INCH	24 INCH	LETTERS AND SYMBOLS	4 INCH
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT		FOOT	FOOT	SO FT	FOOT
RT	54+17.0						24						24						
RT	54+00.0							14.4						14.4					
RT	54+00.0							108.0						108.0	4 - Railroad "R"s 2 - Railroad "X"s				
RT	53+65.0						24						24						
	52+50.0							31.2						31.2	Dual Lt. Turn				
RT	50+21.0						25						25						
LT	49+43.0						25						25						
LT & RT	51+51.0	TO	49+90.0		644			100		644		100		97	Striped Median				
LT & RT	49+74.0	TO	47+84.0		760			30		760		30		114	Striped Median				
LT & RT	49+74.0	TO	43+82.0	296						296				355					
LT & RT	47+84.0	TO	43+82.0		804					804				241					
LT	46+67.0						24						24						
LT	46+40.0							14.4						14.4	4 - Railroad "R"s				
LT	46+40.0							108.0						108.0	2 - Railroad "X"s				
LT	46+15.0						24						24						
	43+46.0					120					120								
	43+50.0						30						30						
Parking Lanes - Sta. 46+82 to Sta. 44+45																			
LT	46+45.0	TO	44+45.0		107					107									
RT	46+82.0	TO	46+42.0		27					27									
RT	45+96.0	TO	45+56.0		27					27									
SUBTOTALS				1,694	1,005	14340	556	185	473	402	594.3	17039	556	185	473	402	594.3	5,529	
TOTALS				17,039		556	185	473	402	594.3	17,039	556	185	473	402	594.3	5,529		

IL 148 AND IL 142 PAVEMENT MARKING SCHEDULE

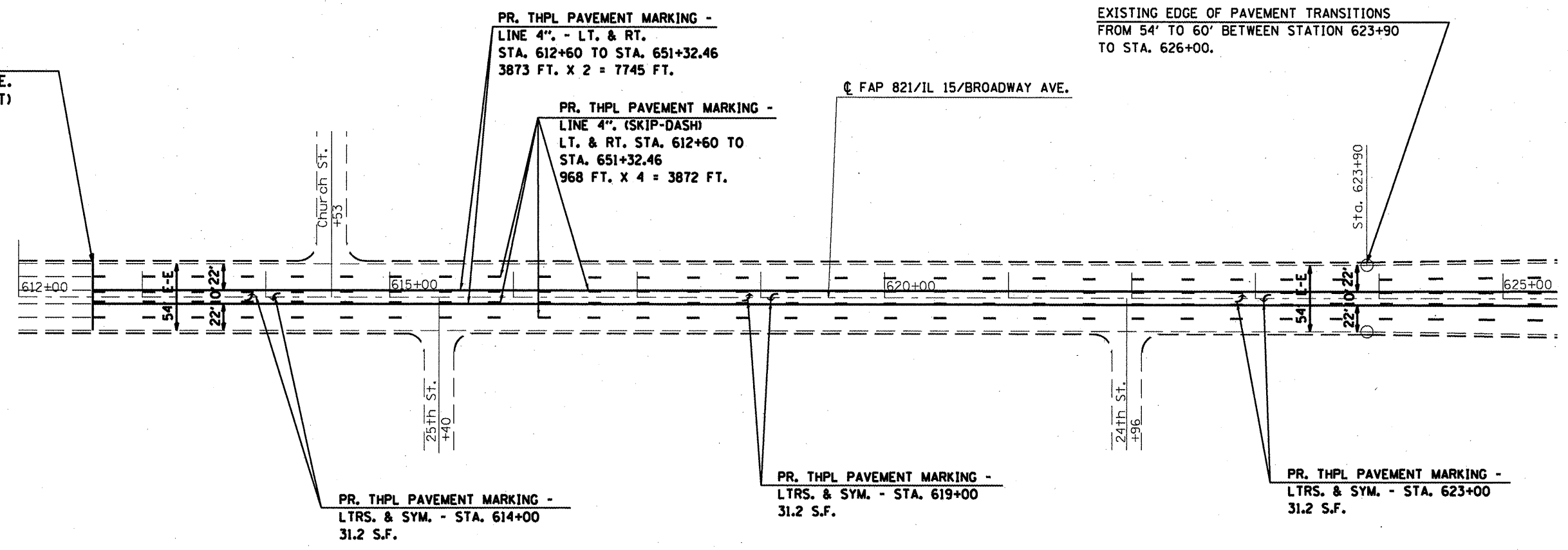
STATION TO STATION				THERMOPLASTIC PAVEMENT MARKING						TEMPORARY					SHORT-TERM	NOTES			
				4 INCH (SKIP-DASH)	4 INCH (SOLID WHITE)	4 INCH YELLOW (NO PASS ZONE)	8 INCH (ISLANDS)	12 INCH (DIAGONALS)	24 INCH (STOP BARS)	LETTERS AND SYMBOLS	4 INCH	8 INCH	12 INCH	24 INCH	LETTERS AND SYMBOLS		4 INCH		
				FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	FOOT	FOOT	FOOT	SO FT		FOOT		
IL 148 - Sta. 3+64 to Sta. 9+61																			
LT	3+64.0	TO	6+68.0	76		304								380			91	CLTL	
RT	3+64.0	TO	6+68.0	76		304								380			91	CLTL	
LT & RT	6+68.0	TO	8+05.0			548		77						548		77	82	Median	
LT	8+05.0	TO	9+55.0			600								600			90	Median	
	9+55.0																		
RT	8+05.0	TO	9+55.0														24		
RT	8+05.0	TO	9+61.0			150								150			25	45	Left Turn Ln.
RT	8+05.0	TO	9+61.0			156								156				47	Left Turn Ln.
RT	9+28.0	TO	9+61.0				92	50							92	50			
	8+15.0																62.4		3 - "ONLY"s
	8+43.0																31.2		2 - Turn Arrows
	8+43.0																11.5		1 - Thru Arrow
IL 142 - Sta. 10+42 to Sta. 11+03																			
RT	10+42.0	TO	11+03.0			244								244				37	
	10+42.0																		
LT	10+42.0	TO	11+03.0			61								61			25	18	
LT	10+56.0	TO	11+03.0			47								47				14	
LT	10+39.0	TO	10+56.0				50	30							50	30			
SUBTOTALS				152	414	2000	142	157	98	105.1	2,566	142	157	98	105.1	515			
TOTALS					2,566		142	157	98	105.1	2,566	142	157	98	105.1	515			

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISED -	STATE OF ILLINOIS	--- IL 148 & IL 142 PAVEMENT ---	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at\pwwork\pwwdot\mcoardkr\d8255786\78	48-shits.dgn	---	---	DEPARTMENT OF TRANSPORTATION	MARKING SCHEDULE					
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -				137.15.1185-4	JEEEBSON	37	21
	PLOT DATE = 5/2/2011	DATE -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	CONTRACT NO. 78248		
ILLINOIS FED. AID PROJECT										



PROP. IMPROVEMENT BEGINS
 FAP 821/IL 15/BROADWAY AVE.
 STA. 612+60 (PR. BUTT JOINT)



EXISTING EDGE OF PAVEMENT TRANSITIONS
 FROM 54' TO 60' BETWEEN STATION 623+90
 TO STA. 626+00.

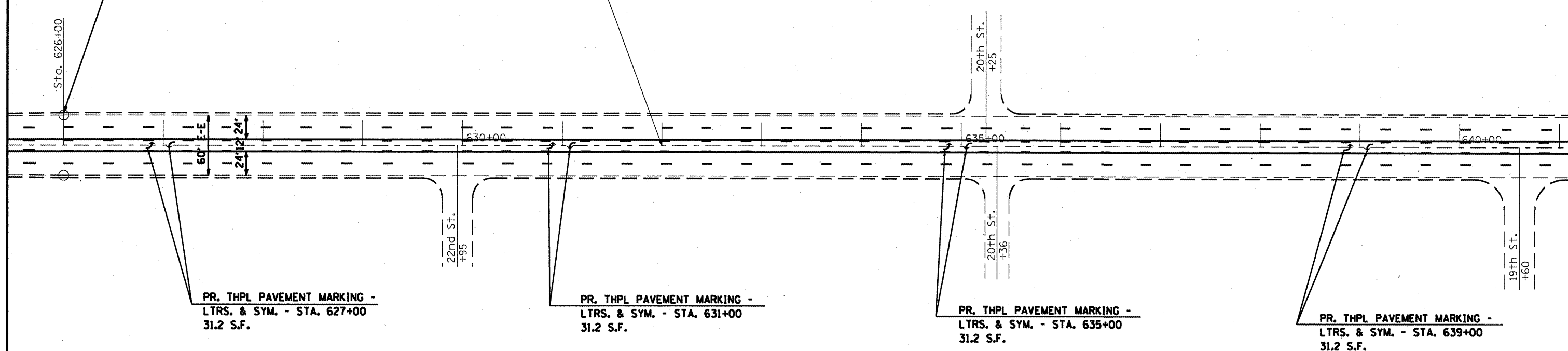
FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = moardkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 15 PLAN LAYOUT #1.....		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw\work\pwidot\moardkr\0255706\78	48-shsta.dgn	DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	132.15.1185:4	JEEERSON	37	22
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -					CONTRACT NO. 78248			
	PLOT DATE = 4/26/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT			



EXISTING EDGE OF PAVEMENT TRANSITIONS
FROM 54' TO 60' BETWEEN STATION 623+90
TO STA. 626+00.

CL FAP 821/IL 15/BROADWAY AVE.



FAP 821/724 (IL 15/37)

FILE NAME =
c:\p\work\p\idat\mcoordkr\d8255786\78248-shs.dgn

USER NAME = mcoordkr
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 4/26/2011

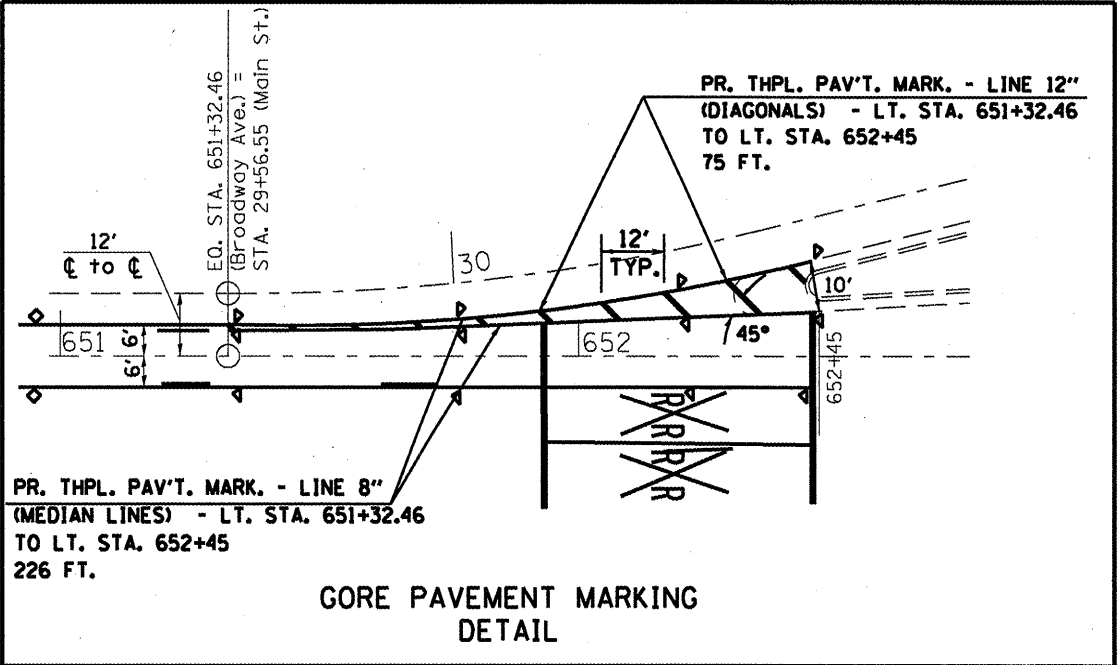
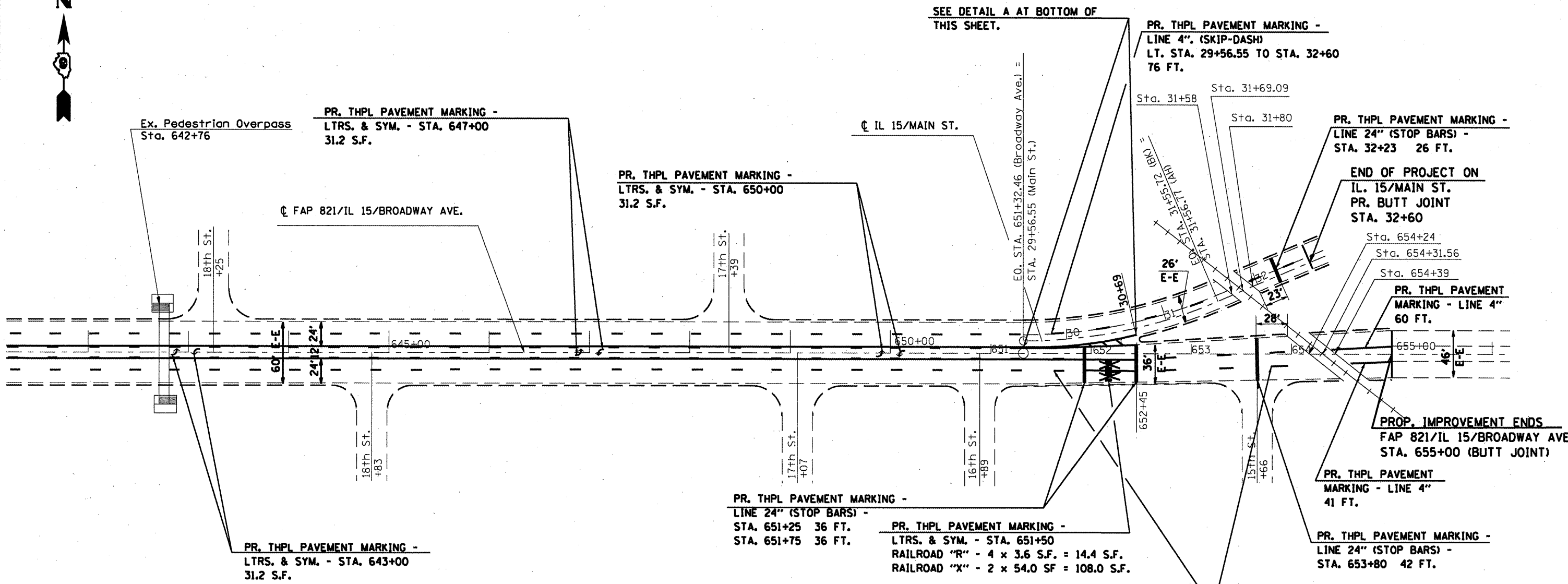
DESIGNED -	---	REVISED -	-----
DRAWN -	---	REVISED -	-----
CHECKED -	---	REVISED -	-----
DATE -	-----	REVISED -	-----

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

----- IL 15 PLAN LAYOUT #2 -----
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...	(132.15.1)BS:4	JEFFERSON	37	23

CONTRACT NO. 78248
ILLINOIS FED. AID PROJECT



FILE NAME =
 at\p\work\p\p\dot\mao\dr\0255786\788

USER NAME = maodr
 48-shs.dgn
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/26/2011

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



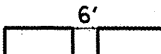


----- IL 15 PLAN LAYOUT #3 -----
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(132.15.1)RS-4	JEEERSON	37	24

CONTRACT NO. 78248
 (ILLINOIS) FED. AID PROJECT

*FAP 821/724 (IL 15/37)

LEGEND

-  EXIST. PCC PAVEMENT ON IL 37 AND IL 142. THIS ARE SHALL NOT BE MILLED OR SURFACED.
-  EXIST. DETECTOR LOOPS
-  6'
 PROP. DETECTOR LOOPS, TYPE 1 IN LEFT TURN AND THRU LANES ARE 6'x20'
-  6'
 PROP. DETECTOR LOOPS, TYPE 1 IN RIGHT TURN LANES ARE 6'x15'
-  PROP. ADVANCED DETECTOR LOOPS, TYPE 1 6'x6'

END EX. PCC PAV'T./
BEGIN EX. BIT. SURFACE
IL 148 - STA. 3+64

PR. THPL. PAVEMENT MARKING -
LINE 4" (SOLID YELLOW & SKIP-DASH)
STA. 3+64 TO STA. 6+68



DODDS TOWNSHIP

MT. VERNON TOWNSHIP

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 6+68 TO STA. 9+55

PR. THPL. PAVEMENT MARKING -
LINE 12" (DIAGONALS)
STA. 6+68 TO STA. 8+05

Eq. Sta. 144+63.55 (FAP 724/
IL 37 South) =
Sta. 10+00 (IL 148/IL 142)

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 140+38 TO STA. 144+15

NOTE: FOR INTERSECTION STRIPING
& DETECTOR LOOPS, SEE SHEETS 30 & 31.

PR. THPL. PAVEMENT MARKING -
LINE 12" (DIAGONALS)
STA. 146+56 TO STA. 148+25

¢ FAP 724 (IL 37/
10TH ST.)

PROP. PROJECT BEGINS
FAP 724 (IL 37/10TH ST.),
STA. 140+38 (BUTT JOINT)

PR. THPL. PAVEMENT MARKING -
LINE 12" (DIAGONALS)
STA. 140+38 TO STA. 143+00

DODDS TOWNSHIP

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 10+42 TO STA. 11+03

END EX. PCC PAV'T./
BEGIN EX. BIT. SURFACE
IL 142 - STA. 11+03

¢ IL 142

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 145+13 TO STA. 148+25

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 148+25 TO STA. 150+00

MT. VERNON TOWNSHIP

EQ. STA. 150+00 (SOUTH IL. 37
ALIGNMENT) BK. =
STA. 96+43 (NORTH IL 37 ALIGNMENT) AH.

FAP 821/724 (IL 15/37)

FILE NAME =
c:\p\work\pwsdot\mccordkr\d0255706\7849-sh1a.dgn

USER NAME = mcoardkr
DESIGNED -
DRAWN -
CHECKED -
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

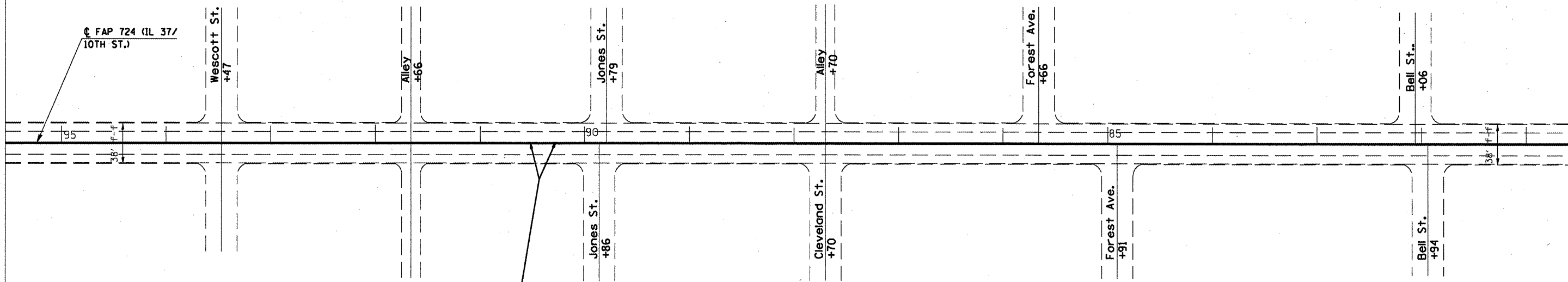
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 37 PLAN LAYOUT #1

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
132.15.185-4		VEEERSON	37	25
CONTRACT NO. 78248			ILLINOIS FED. AID PROJECT	



PR. THPL. PAVEMENT MARKING -
 LINE 4" (OBL. YELLOW)
 STA. 96+43 (EO. STA.) TO STA. 74+85

FAP 821/724 (IL 15/37)

FILE NAME = c:\pwwork\pwwork\mccordkr\d0255706\78248-shs.dgn	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37. PLAN LAYOUT #2	F.A.P. -	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			132.15.1185-4	JEFFERSON	37	26	
	PLOT DATE = 4/26/2011	DATE -	REVISED -			CONTRACT NO. 78248		ILLINOIS FED. AID PROJECT		
					SCALE: _____	SHEET NO. ___ OF ___ SHEETS		STA. _____ TO STA. _____		

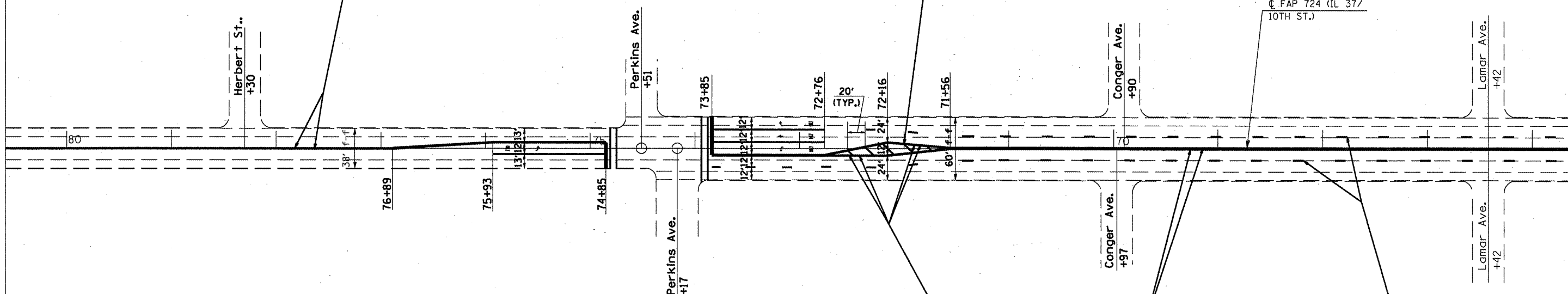


PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 96+43 (EO. STA.) TO STA. 74+85

NOTE: FOR INTERSECTION STRIPING,
SEE SHEET 32.

PR. THPL. PAVEMENT MARKING -
LINE 12" (DIAGONALS)
STA. 72+76 TO STA. 71+56

☉ FAP 724 (IL 37/
10TH ST.)



NO DETECTOR LOOPS
ON MAINLINE @ PERKINS AVE.

PR. THPL. PAVEMENT MARKING -
LINE 4" (DBL. YELLOW)
STA. 73+85 TO STA. 59+52

PR. THPL. PAVEMENT MARKING -
LINE 4" (SKIP-DASH WHITE)
STA. 73+85 TO STA. 59+52

FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISED -
at\p\work\pwidot\mcoardkr\8255786\78248-shite.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 / IN.	CHECKED -	REVISED -
	PLOT DATE = 4/26/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

----- IL 37, PLAN LAYOUT #3 -----
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

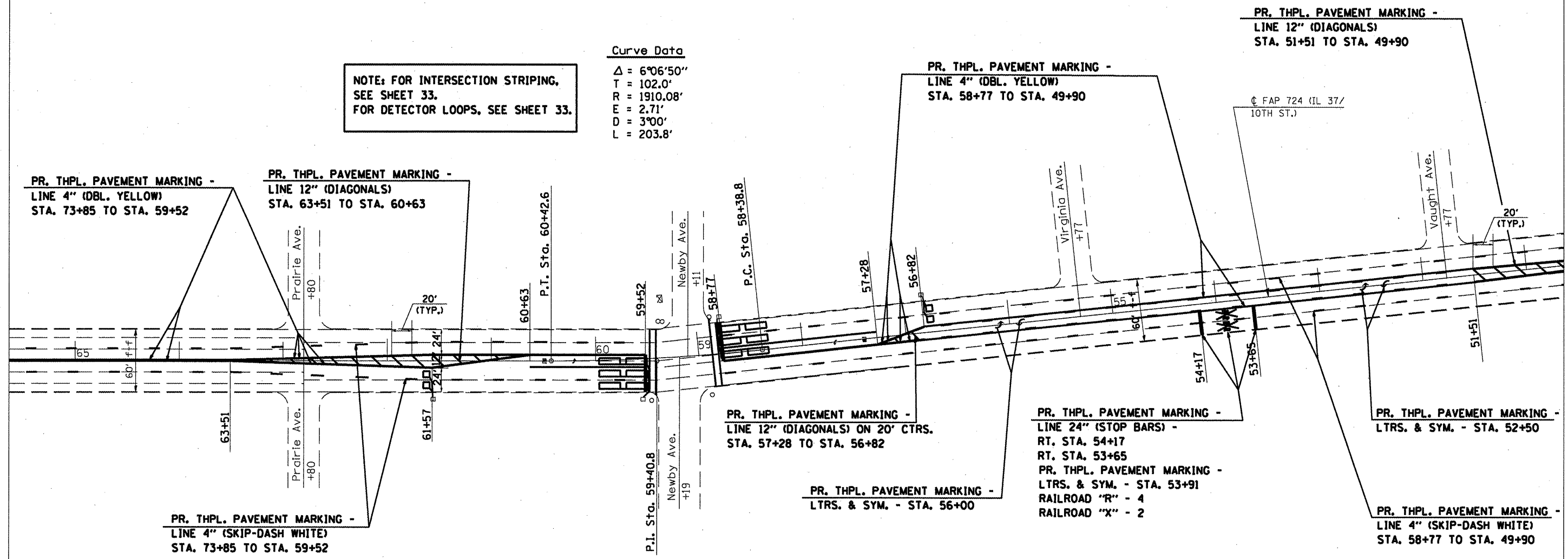
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	(132.15.1185-4	JEFFERSON	37	27
CONTRACT NO. 78248			ILLINOIS FED. AID PROJECT	



NOTE: FOR INTERSECTION STRIPING,
SEE SHEET 33.
FOR DETECTOR LOOPS, SEE SHEET 33.

Curve Data

$\Delta = 6^{\circ}06'50''$
 $T = 102.0'$
 $R = 1910.08'$
 $E = 2.71'$
 $D = 3^{\circ}00'$
 $L = 203.8'$



FILE NAME =
 c:\p\work\p\dot\m\ccardkr\08255706\78

USER NAME = mcardkr
 48-shs.dgn
 PLOT SCALE = 100.0000' / IN.
 PLOT DATE = 4/26/2011

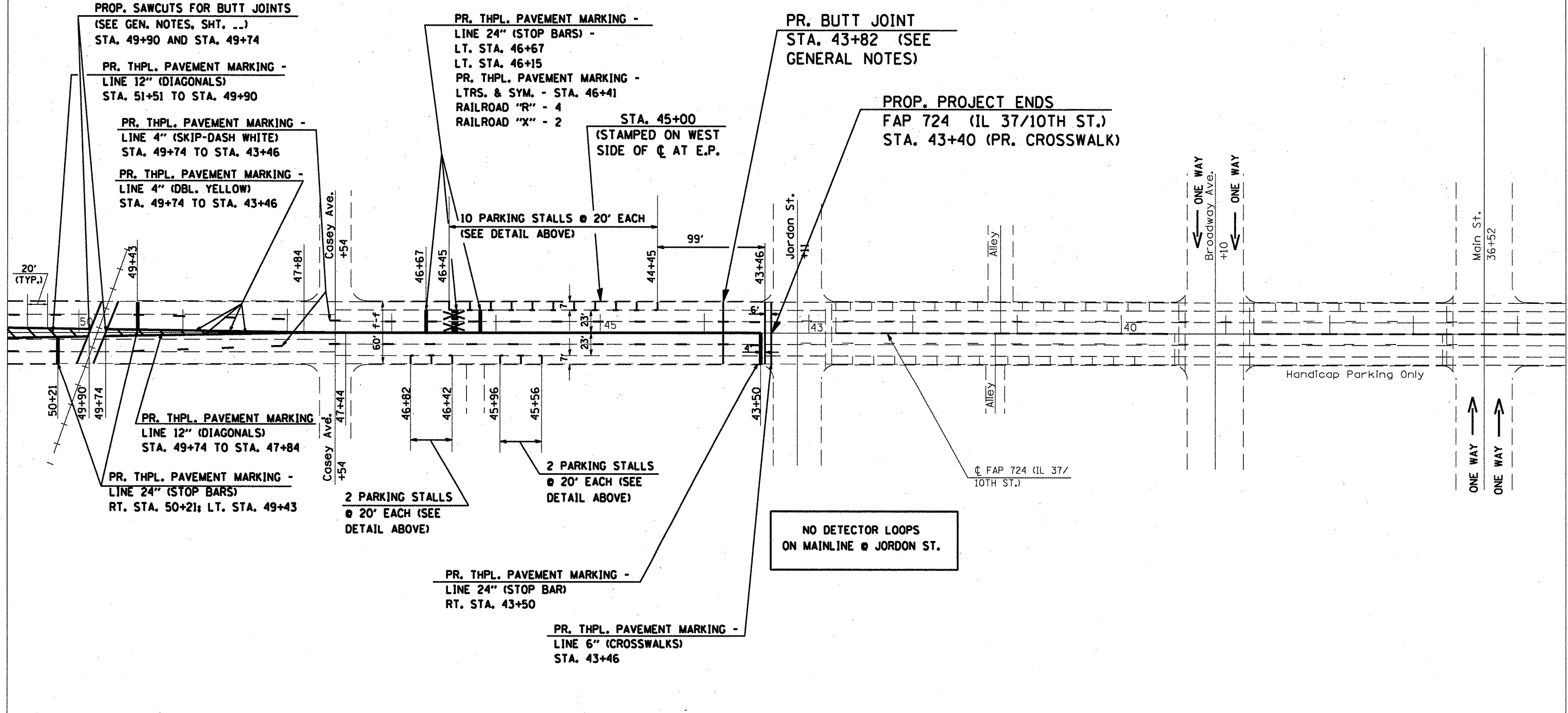
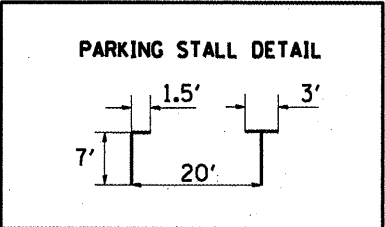
DESIGNED -	---	REVISED -	-----
DRAWN -	---	REVISED -	-----
CHECKED -	---	REVISED -	-----
DATE -	---	REVISED -	-----

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 37 PLAN LAYOUT #4
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(132.15.1)RS:4	JEEEBSON	37	28
CONTRACT NO. 78248			(ILLINOIS) FED. AID PROJECT	

FAP 821/724 (IL 15/37)



FILE NAME =
at\pw_work\pwsdot\mccordkr\d8255786\78

USER NAME = mcoordkr
48-shss.dgn
PLOT SCALE = 1/8" = 1' IN.
PLOT DATE = 4/26/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

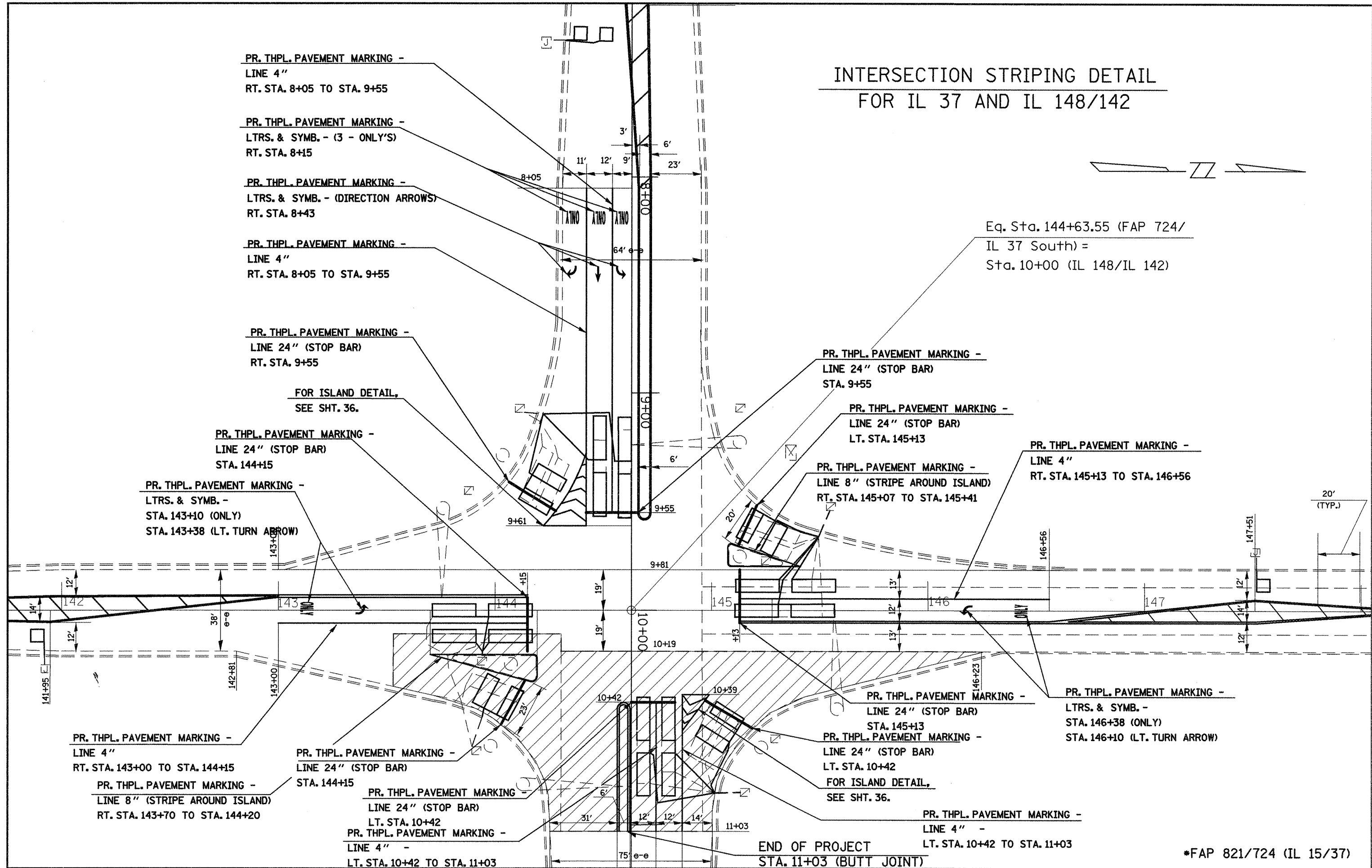
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

----- **IL 37. PLAN LAYOUT #5** -----
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...	132.15.185:4	JEFFERSON	37	29
CONTRACT NO. 78248			(ILLINOIS) FED. AID PROJECT	

*FAP 821/724 (IL 15/37)

INTERSECTION STRIPING DETAIL FOR IL 37 AND IL 148/142

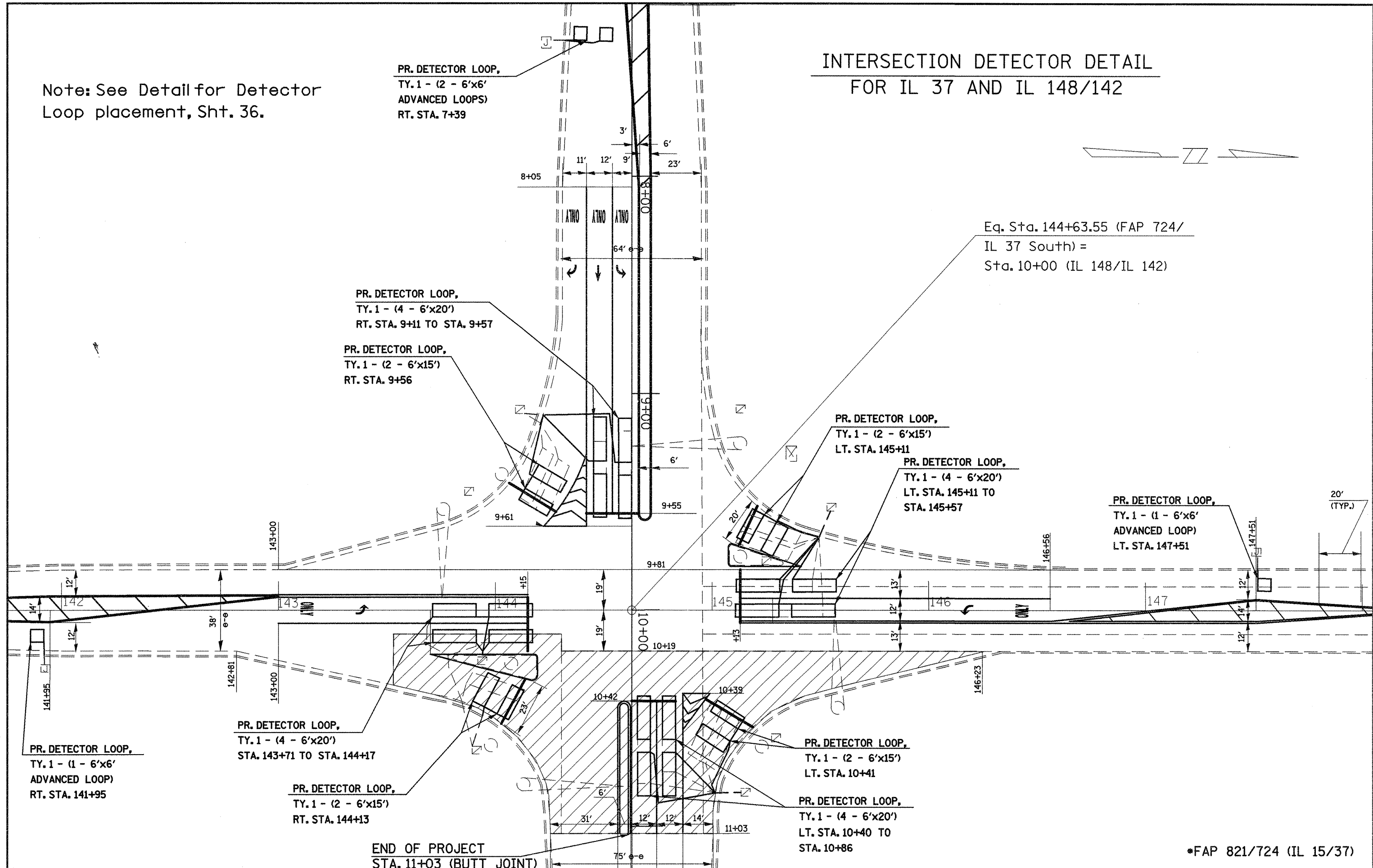


FILE NAME =	USER NAME = mcaordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37/148/142 STRIPING DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca\pw\work\p\sidot\mcaordkr\d0255705\78248-shits.dgn		DRAWN -	REVISED -				(137.15.1)RS-4	JEFFERSON	37	30
PLOT SCALE = 48,00000' / in.		CHECKED -	REVISED -							
PLOT DATE = 5/11/2011		DATE -	REVISED -		SCALE: _____					CONTRACT NO. 78248
					SHEET NO. OF _____ SHEETS					ILLINOIS FED. AID PROJECT

*FAP 821/724 (IL 15/37)

INTERSECTION DETECTOR DETAIL FOR IL 37 AND IL 148/142

Note: See Detail for Detector Loop placement, Sht. 36.



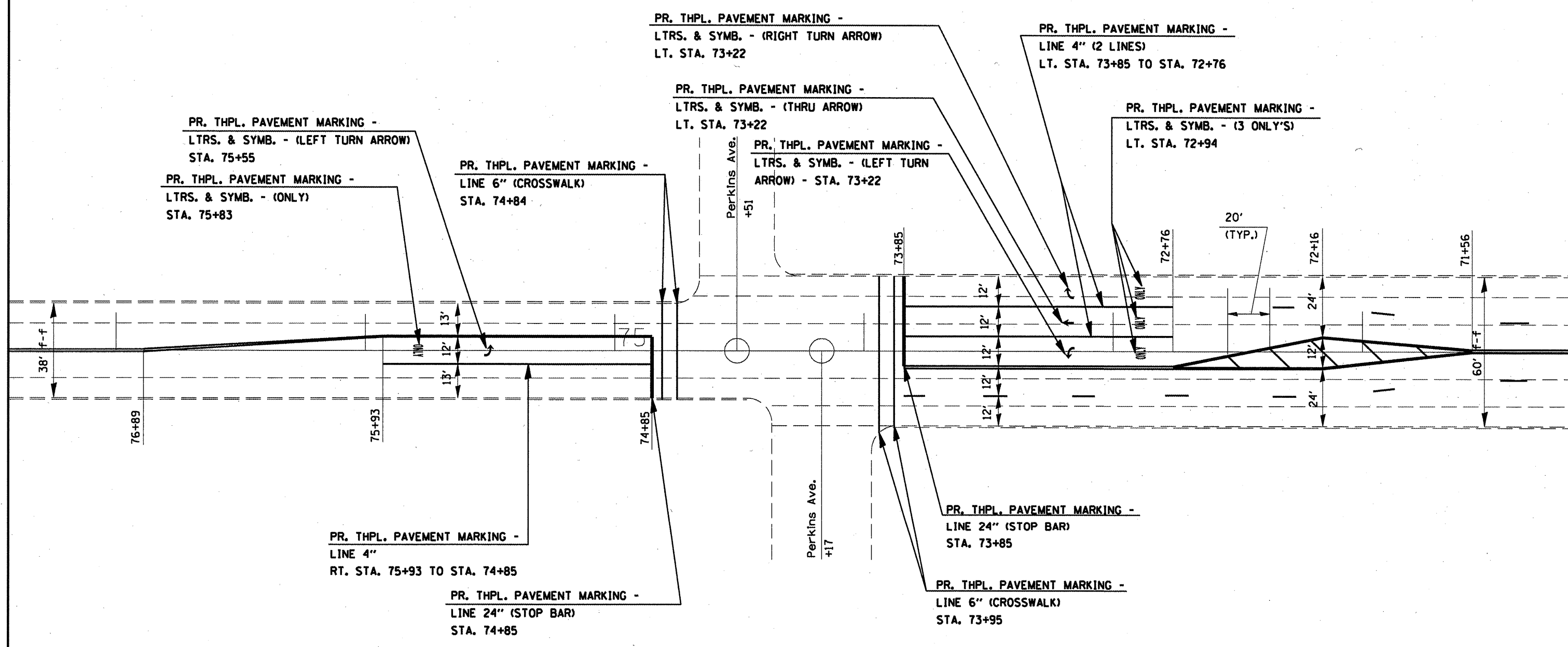
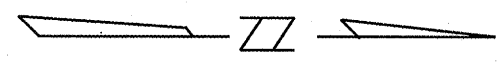
Eq. Sta. 144+63.55 (FAP 724/
IL 37 South) =
Sta. 10+00 (IL 148/IL 142)

END OF PROJECT
STA. 11+03 (BUTT JOINT)

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 37/148/142 DETECTOR LOOP DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er\pw_work\pwwidot\mcoardkr\d0255786\78248-shita.dgn		DRAWN -	REVISED -				(37,15,JRS-4	JEFFERSON	37	31
PLOT SCALE = 40,0000 1 / in.		CHECKED -	REVISED -							
PLOT DATE = 5/11/2011		DATE -	REVISED -							
SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____						CONTRACT NO. 78248 ILLINOIS FED. AID PROJECT				

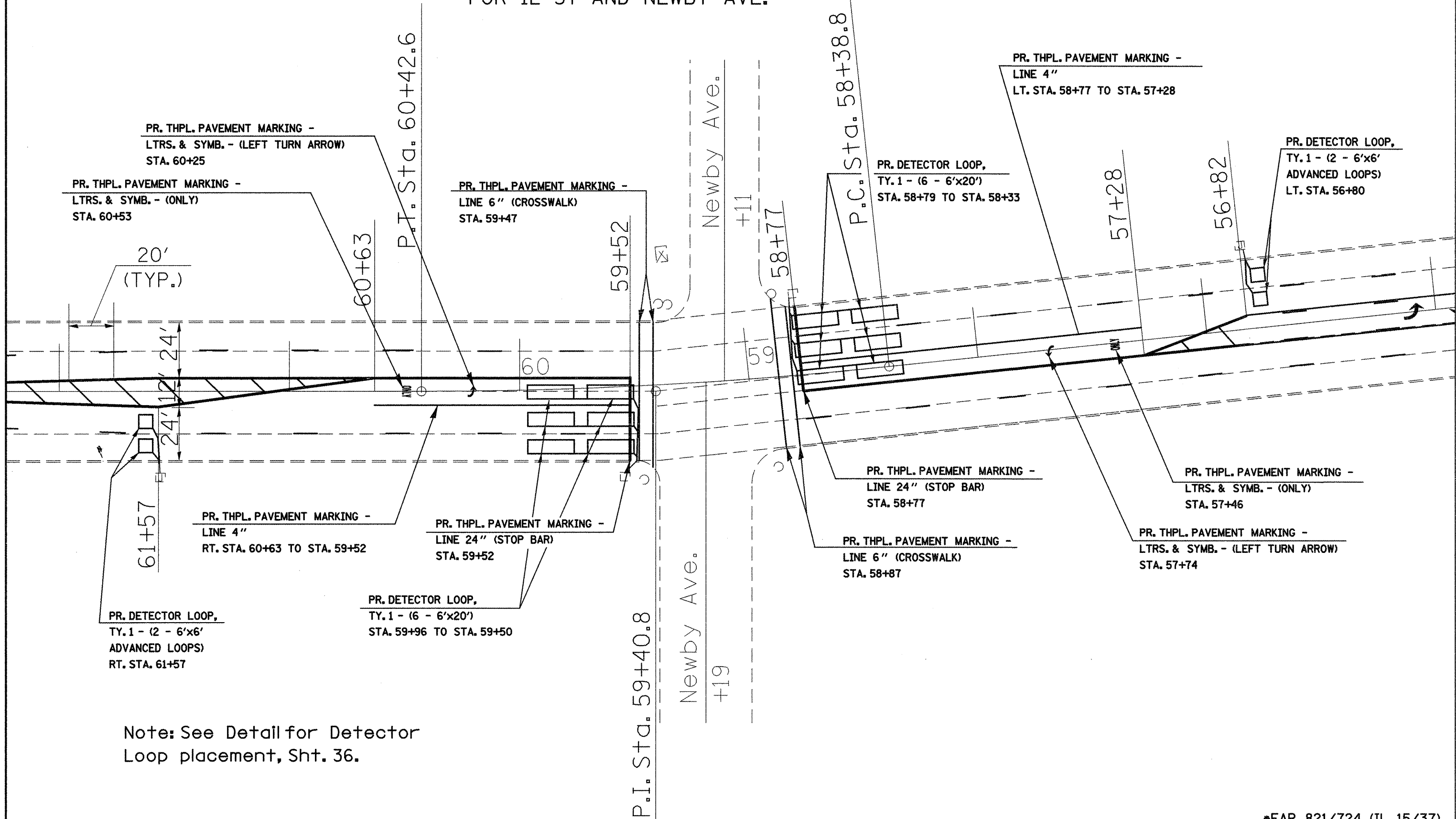
INTERSECTION STRIPING DETAIL FOR IL 37 AND PERKINS AVE.



•FAP 821/724 (IL 15/37)

FILE NAME *	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION OF IL 37 & PERKINS AVE. STRIPING DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pawidot\mcoordkr\d8255706\78848-shits.dgn		DRAWN -	REVISED -			137.15.1185-4	JEFFERSON	37	32	
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 78248		ILLINOIS FED. AID PROJECT		
PLOT DATE = 4/26/2011		DATE -	REVISED -			SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____				

INTERSECTION STRIPING DETAIL FOR IL 37 AND NEWBY AVE.

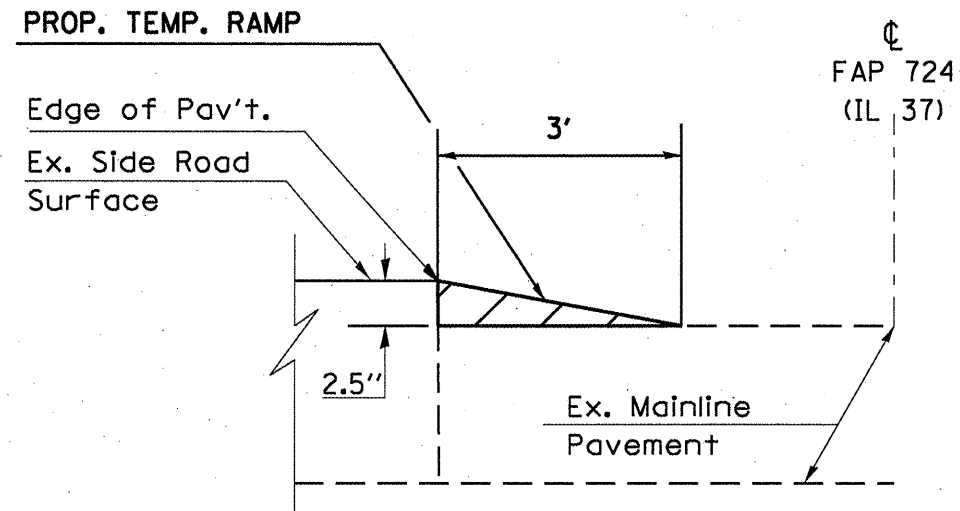


Note: See Detail for Detector Loop placement, Sht. 36.

*FAP 821/724 (IL 15/37)

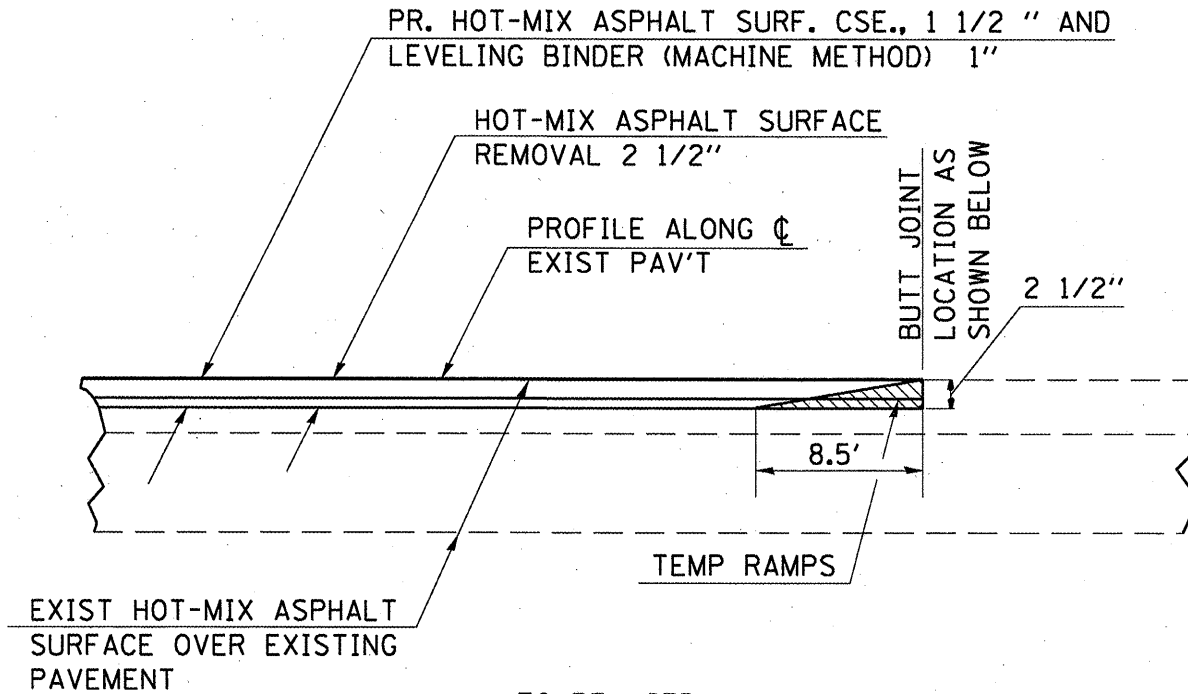
FILE NAME =	USER NAME = mccordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INTERSECTION OF IL 37 & NEWBY AVE. STRIPING DETAIL	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pwork\pwork\mccordkr\0255786\78248-shts.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	137.15.DRS-4	JEFFERSON	37	33	
PLOT SCALE = 40.0000' / 1"		CHECKED -	REVISED -		STA. _____ TO STA. _____	CONTRACT NO. 78248					
PLOT DATE = 5/11/2011		DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

**PROP. TEMPORARY RAMPS
AT SIDE STREETS**



TO BE USED:
ALL SIDE STREETS WHERE
THE RESIDENT ENGINEER
DETERMINES TO BE NECESSARY.

BUTT JOINT DETAIL



FAP 821 (IL 15):
STA. 612+60
STA. 654+24
STA. 654+39
STA. 655+00
STA. 31+58
STA. 31+80
STA. 32+60

FAP 724 (IL 37):
STA. 140+38
STA. 49+90
STA. 49+74
STA. 43+82

IL 148:
STA. 3+64

•FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoardkr	DESIGNED -	REVISD -
c:\p\work\p\dot\mcoardkr\0255786\7849-sha.dgn		DRAWN -	REVISD -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISD -
	PLOT DATE = 5/2/2011	DATE -	REVISD -

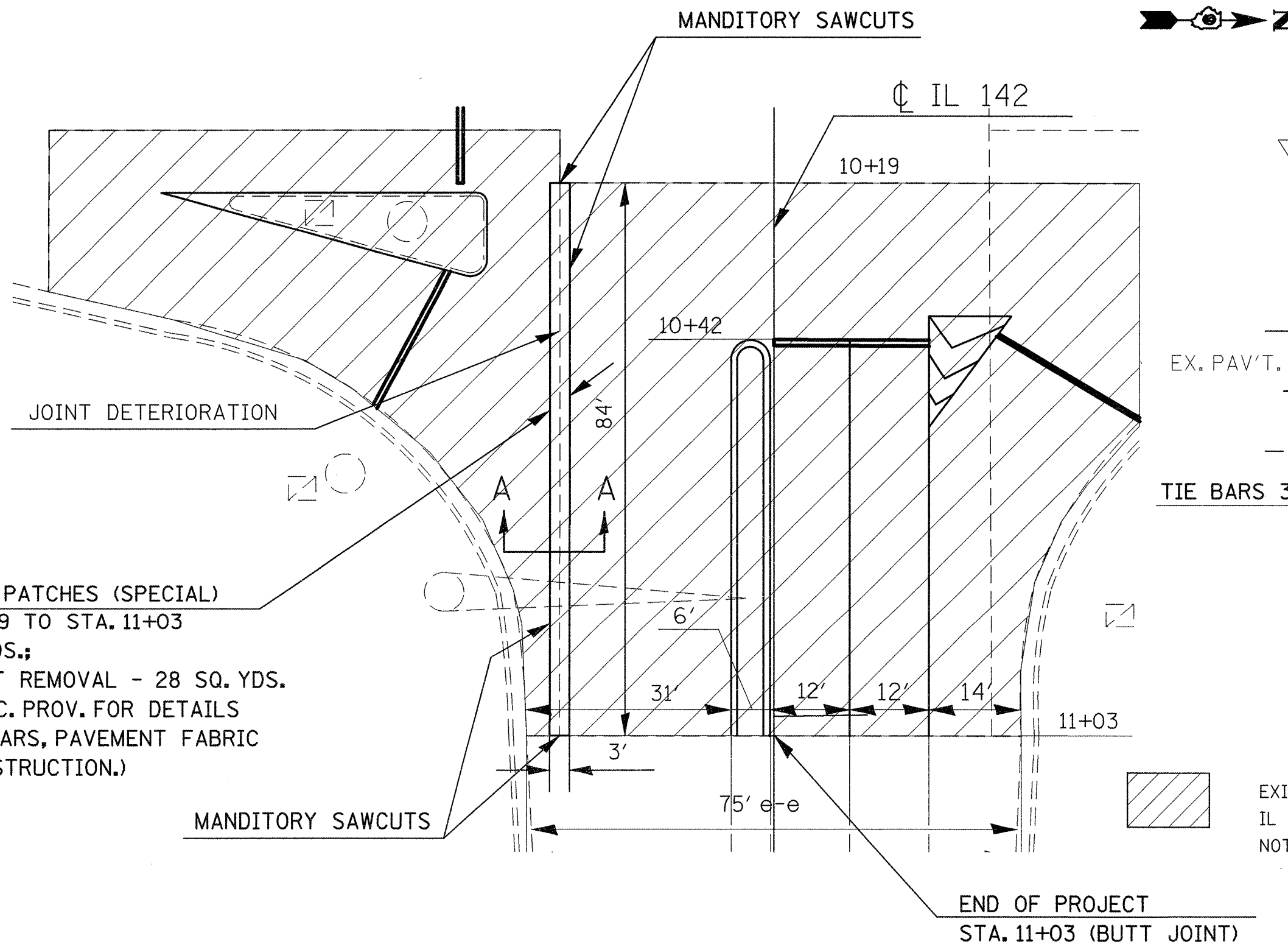
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: PLACEMENT FOR CROSSWALKS, STOP BARS AND
DET. LOOPS; STRIPED ISLANDS; DIST. DETAIL DET. LOOPS**

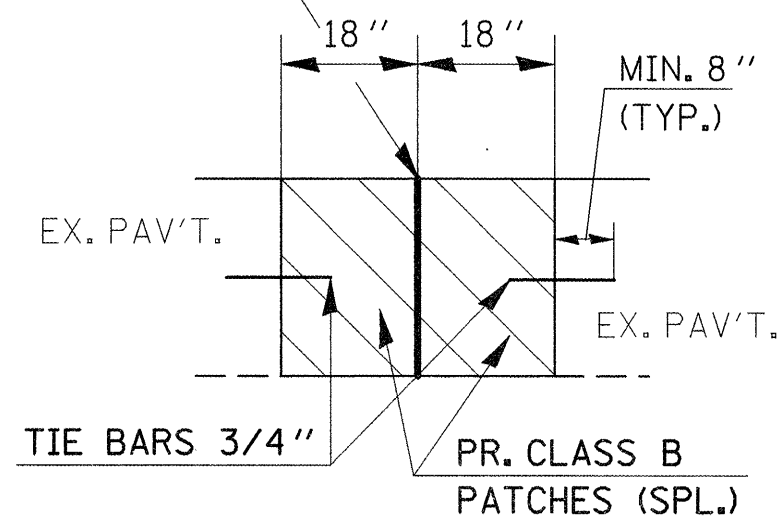
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	1132.15.1185:4	JEFFERSON	37	34
				CONTRACT NO. 78248
ILLINOIS FED. AID PROJECT				

**CLASS B PATCHES (SPECIAL) DETAIL
ON ILLINOIS 142**



**PREFORMED JOINT FILLER
1" (INCLUDED IN CL. B
PATCHES (SPL.))**



SEC. A-A

LEGEND

EXIST. PCC PAVEMENT ON
IL 37 AND IL 142. THIS AREA SHALL
NOT BE MILLED OR SURFACED.

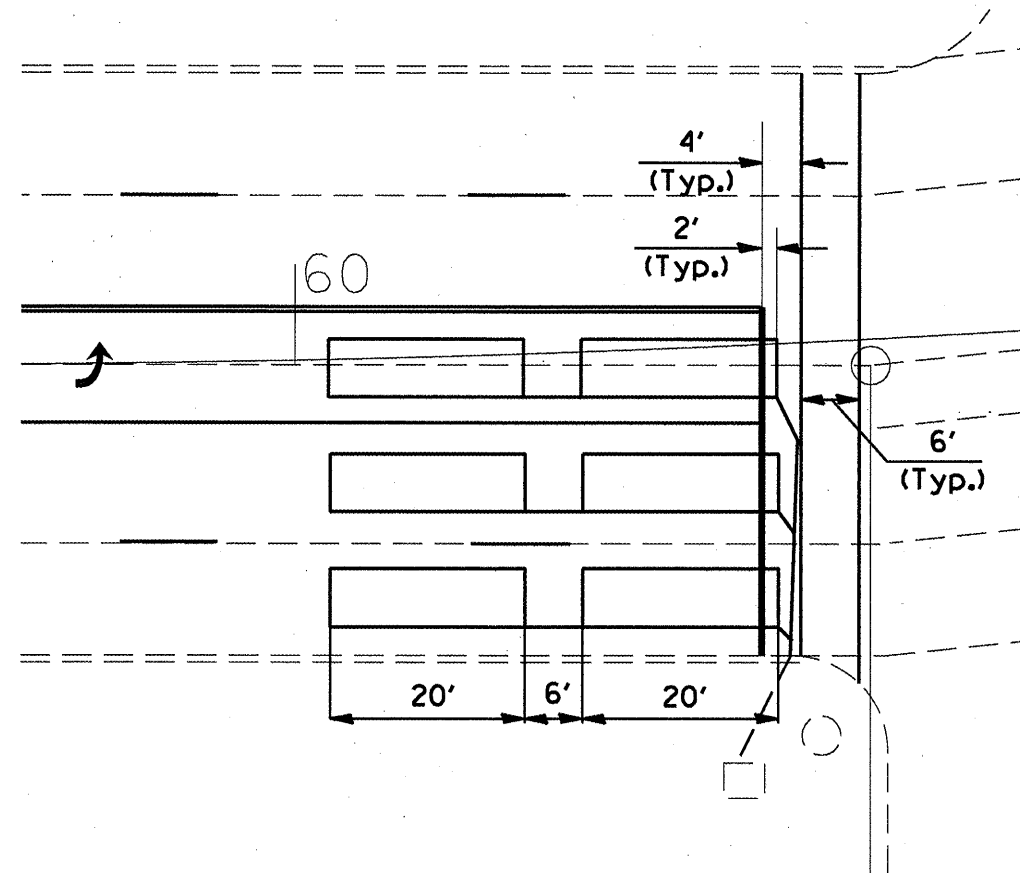
**CLASS B PATCHES (SPECIAL)
STA. 10+19 TO STA. 11+03
28 SQ. YDS.;**
PAVEMENT REMOVAL - 28 SQ. YDS.
(SEE SPEC. PROV. FOR DETAILS
ON TIE BARS, PAVEMENT FABRIC
AND CONSTRUCTION.)

*FAP 821/724 (IL 15/37)

FILE NAME =	USER NAME = mcoordkr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CLASS B PATCHES (SPECIAL)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwidot\mcoordkr\d0255705\78248-shs.dgn		DRAWN -	REVISED -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	137.15.11RS-4	JEFFERSON	37	35
PLOT SCALE = 48.0000' / 1"		CHECKED -	REVISED -								
PLOT DATE = 5/11/2011		DATE -	REVISED -								
							ILLINOIS FED. AID PROJECT				

**DETAIL FOR CROSSWALK, STOP BAR
AND DETECTOR LOOP PLACEMENT**

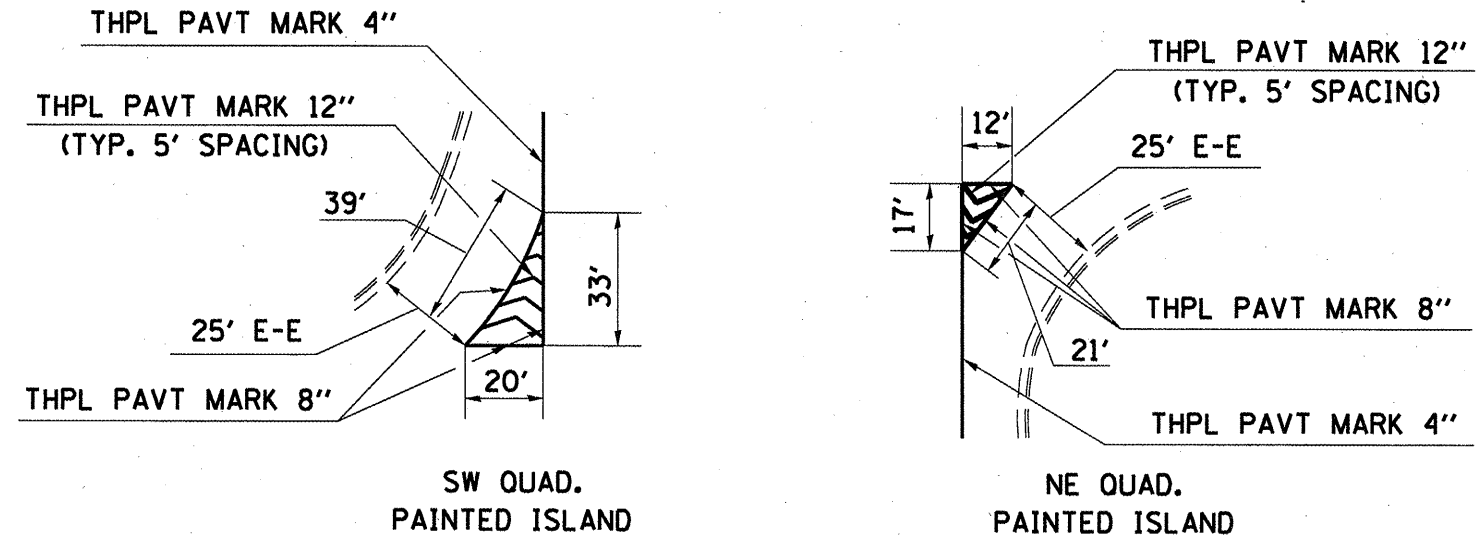
FOR DETECTOR LOOP PLACEMENT
SEE STANDARD 886001-01 &
STANDARD 886006-01



NOTES:

1. DETECTOR LOOPS START 2' IN FRONT OF STOP BARS.
2. ALL LOOPS FOR LEFT TURN LANES AND THRU LANES ARE 6'X20'. ALL LOOPS IN RIGHT TURN LANES AT INTERSECTION OF IL 37 AND IL 148/142 ARE 6'X15'. ALL ADVANCE LOOPS ARE 6'X6', UNLESS OTHERWISE NOTED.
3. THE STATIONING IS FROM EXISTING PLANS. EXACT STATIONING OF SIDE ROADS, DETECTOR LOOPS AND PAVEMENT MARKING SHOULD BE LOCATED IN THE FIELD PRIOR TO START-UP OF PROJECT.

**PROP. STRIPED ISLANDS
AT INTERSECTION OF IL 37 & IL 148/142**



**DISTRICT DETAIL OF
DETECTOR LOOPS**

NOTES

(APPLIES TO 6' x 20' LOOPS ONLY)

1. THE DETECTOR LOOPS SHALL BE TYPE I. EACH DETECTOR LOOP SHALL HAVE 3 TURNS OF LOOP WIRE AND BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 886 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
2. BEGINNING LEAD WIRES SHALL BE CONNECTED TO THE BLACK LEAD AND THE ENDING LEAD WIRES SHALL BE CONNECTED TO THE WHITE LEAD OF THE TWIN TWISTED FEED CABLES AT THE SPLICE POINT.
3. WHERE THE LOOPS ARE INSTALLED PRIOR TO RESURFACING, THE LOOP CORNERS SHALL BE DIAGONALLY CUT.

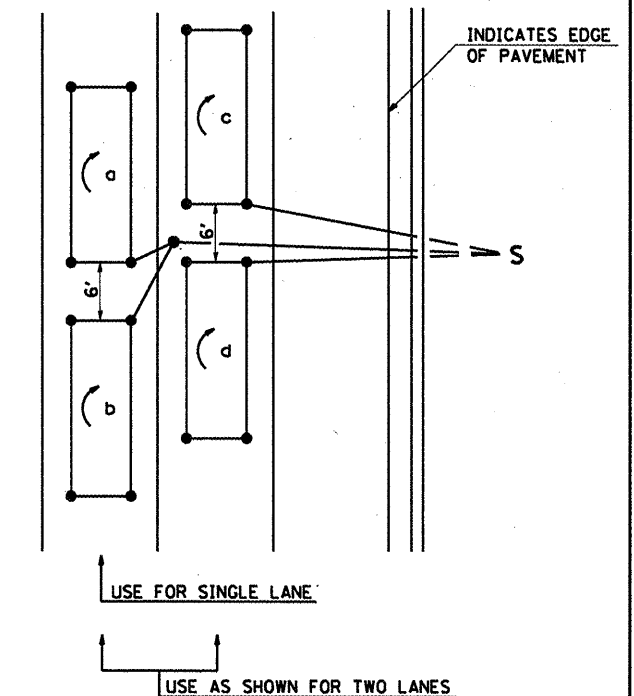
LOOP LEGEND

- (C) CLOCKWISE ROTATION FOR LOOP WIRES
- S INDICATES SPLICE POINT FOR DETECTOR LOOP LEAD
- INDICATES 2" CORE-DRILL

LOOP LAYOUT

LANES

ALL LOOPS ARE
6' x 20'



DETAIL 6' x 20' DETECTOR LOOPS

*FAP 821/724 (IL 15/37)

REVISIONS	
REDRAWN	5-13-02
REVISED	10-27-05
REVISED	3-26-08
REDRAWN	3-16-11

STD. -9-92

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS: PLACEMENT FOR CROSSWALKS, STOP BARS AND
DET. LOOPS; STRIPED ISLANDS; DIST. DETAIL DET. LOOPS**

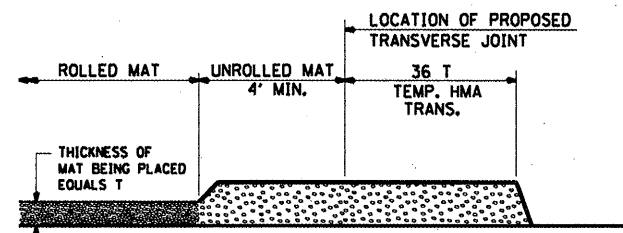
SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	1132.15.1185-4	JEEEBSON	37	36
CONTRACT NO. 78248			ILLINOIS FED. AID PROJECT	

FILE NAME =	USER NAME = macordkr
at\pw_work\pwisdat\macordkr\d0255706\78248-shsta.dgn	
PLOT SCALE = 100.0000 / IN.	
PLOT DATE = 4/26/2011	

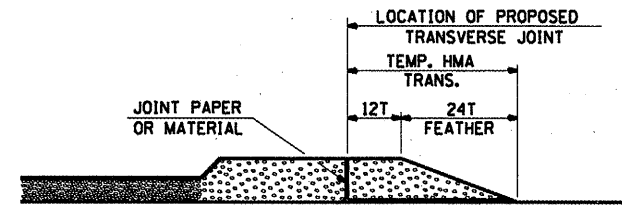
DESIGNED -	---	REVISED -	-----
DRAWN -	---	REVISED -	-----
CHECKED -	---	REVISED -	-----
DATE -	-----	REVISED -	-----

TEMPORARY HOT-MIX ASPHALT TRANSITIONS



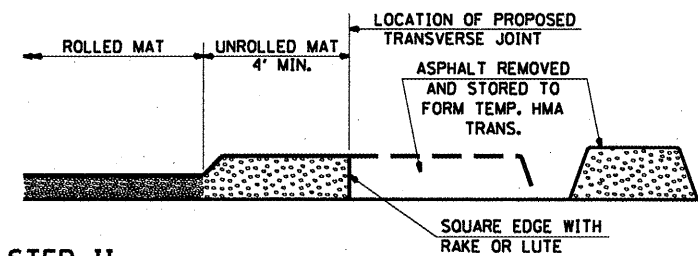
STEP I

1. PLACE HOT-MIX ASPHALT MAT, LENGTH 36 TIMES THE THICKNESS OF THE MAT BEING PLACED PAST THE PROPOSED TRANSVERSE JOINT LOCATION USING NORMAL OPERATING PROCEDURES. EXTREME CARE SHOULD BE TAKEN TO MAINTAIN ENOUGH MATERIAL IN FRONT OF THE SCREED TO MAINTAIN REQUIRED PAVING DEPTH.



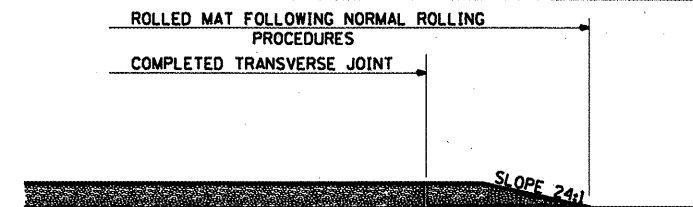
STEP III

1. JOINT PAPER OR OTHER PRESELECTED JOINT MATERIAL IS THEN PLACED IN THE CLEARED AREA AND THE EXCESS ASPHALT USED TO HAND FORM A TRANSITION TO THE DIMENSIONS SHOWN ABOVE.
2. NOTE THAT IN CONSTRUCTING THE TRANSITION, THE MAT DEPTH IS CONTINUED AS PART OF THE TRANSITION BEFORE FORMING THE FEATHER.



STEP II

1. MOVE THE PAVER OUT OF THE WAY AND REMOVE THE ASPHALT FROM THE AREA OF THE PROPOSED TEMPORARY HOT-MIX ASPHALT TRANSITION.
2. SQUARE UP THE END OF THE MAT WITH A RAKE OR LUTE.
3. NOTE THAT THE MAT WITHIN 4' OF THE END OF JOINT IS NOT TO BE ROLLED AT THIS TIME.



STEP IV

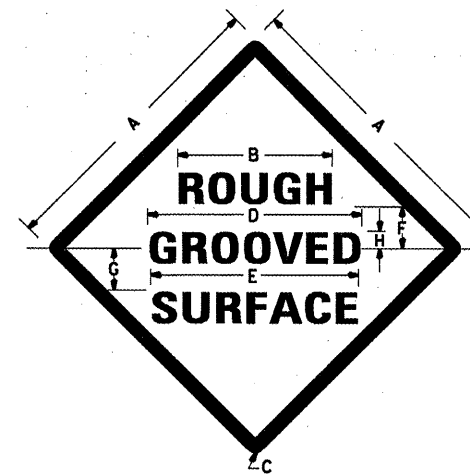
1. COMPLETE TEMPORARY TRANSITION BY ROLLING.
2. TO RESUME PAVING, AT THE JOINT, REMOVE TEMPORARY TRANSITION AND DISPOSE OF THE MATERIAL ACCORDING TO ART. 202.03 OF THE STD. SPECS. (COST INCLUDED IN THE CONTRACT).
3. CONSTRUCTING THE TEMPORARY TRANSITIONS WILL NOT BE PAID FOR SEPARATELY IN ACCORDANCE WITH ARTICLE 406.14 OF THE STANDARD SPECIFICATIONS.

REVISIONS	
REDRAWN	2-15-99
REVISED	8-16-94
REVISED	01-09-07
RESIZED	05-8-08

STD. 9-26

ILLINOIS STANDARD

W8-1106



COLORS:

LEGEND AND BORDER- BLACK NON-REFLECTORIZED
BACKGROUND- ORANGE REFLECTORIZED

SIGN SIZE	DIMENSIONS							
	A	B	C	D	E	F	G	H
48X48	48.0	24.1	3.0	34.0	33.0	6.0	13.0	3.5

SIGN SIZE	SERIES LINES			MAR-GIN	BOR-DER	BLANK STD.
	1	2	3			
48X48	7C	7C	7C	0.8	1.2	B4-48D

ALL DIMENSIONS IN INCHES

NOTES:

PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED, THE CONTRACTOR SHALL HAVE ERECTED "ROUGH GROOVED SURFACE" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "ROUGH GROOVED SURFACE" SIGNS UNTIL THE COLDMILLED SURFACE IS COVERED WITH LEVELING BINDER OR SURFACE COURSE.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

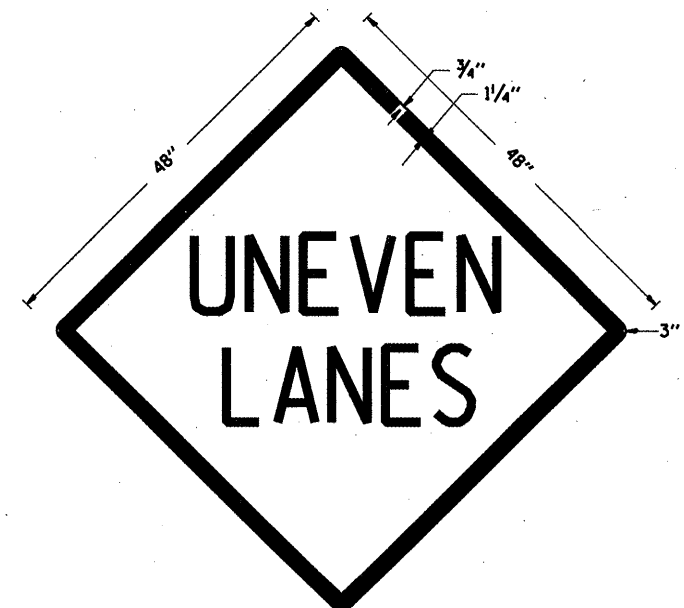
REVISIONS

REDRAWN	2-15-99
REVISED	4-6-93
REVISED	3-27-08
REVISED	

STD. 9-39

UNEVEN LANES SIGN

W8-11 (48" x 48")



COLORS:

LEGEND AND BORDER - BLACK NON-REFLECTORIZED
BACKGROUND - ORANGE REFLECTORIZED

NOTE: PRIOR TO ALLOWING TRAFFIC ON ANY PORTION OF THE ROADWAY THAT HAS BEEN COLDMILLED OR BEFORE RESURFACING OPERATIONS BEGIN, THE CONTRACTOR SHALL HAVE ERECTED "UNEVEN PAVEMENT" SIGNS THAT CONFORM TO THE ABOVE DETAILS. A MINIMUM OF ONE SIGN AT EACH END OF THE IMPROVEMENT WILL BE REQUIRED. THE CONTRACTOR SHALL MAINTAIN THE "UNEVEN PAVEMENT" SIGNS UNTIL THE RESURFACING OPERATIONS ARE COMPLETED.

IF AT ANY TIME THE SIGNS ARE IN PLACE BUT NOT APPLICABLE, THEY SHALL BE TURNED FROM THE VIEW OF MOTORISTS OR COVERED AS DIRECTED BY THE ENGINEER.

THE COST OF FURNISHING, ERECTING, MAINTAINING, AND REMOVING THE REQUIRED SIGNS SHALL BE INCLUDED IN THE CONTRACT.

REVISIONS

STD. 9-41

DRAWN	2-15-89
REVISED	4-06-93
REDESIGNED	7-23-04
RESIZED	5-08-08

*FAP 821/724 (IL 15/37)

FILE NAME =
c:\p\work\p\idot\mccordkr\d0255706\7848-sh.ta.dgn

USER NAME = mccordkr
DESIGNED -
DRAWN -
PLOT SCALE = 100.0000 / IN.
PLOT DATE = 4/26/2011

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS: TEMPORARY HOT-MIX ASPHALT TRANSITION;
ROUGH GROOVED SURFACE SIGN; UNEVEN LANES SIGN

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. SECTION COUNTY TOTAL SHEETS SHEET NO.
RTE. 1132.15.1185-4 JEFFERSON 37 37
CONTRACT NO. 78248
ILLINOIS FED. AID PROJECT