

06-15-12 LETTING ITEM 043

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

**PROPOSED
 HIGHWAY PLANS**

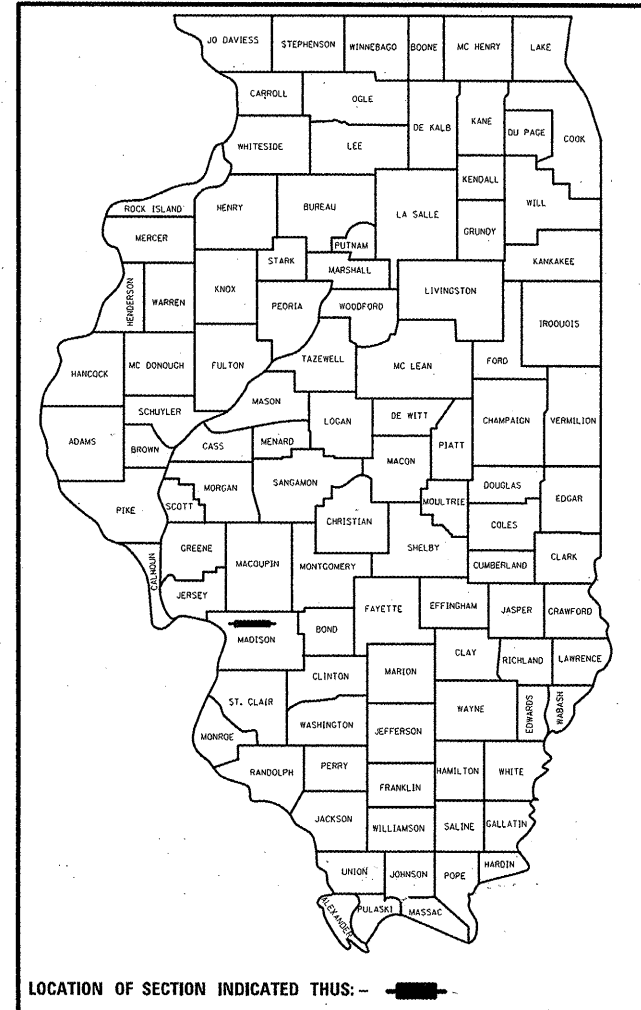
FAP ROUTES 785 & 582 (IL 111 & IL 140)
 SECTION 133RS-6
 PROJECT ACF-0005(890)
 PATCHING AND RESURFACING
 MADISON COUNTY

C-98-046-11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	133RS-6	MADISON	54	1
		ILLINOIS	CONTRACT NO. 76E85	

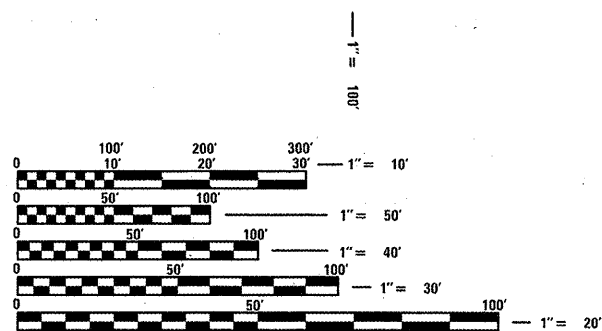
* 785 / 582

D-98-045-11



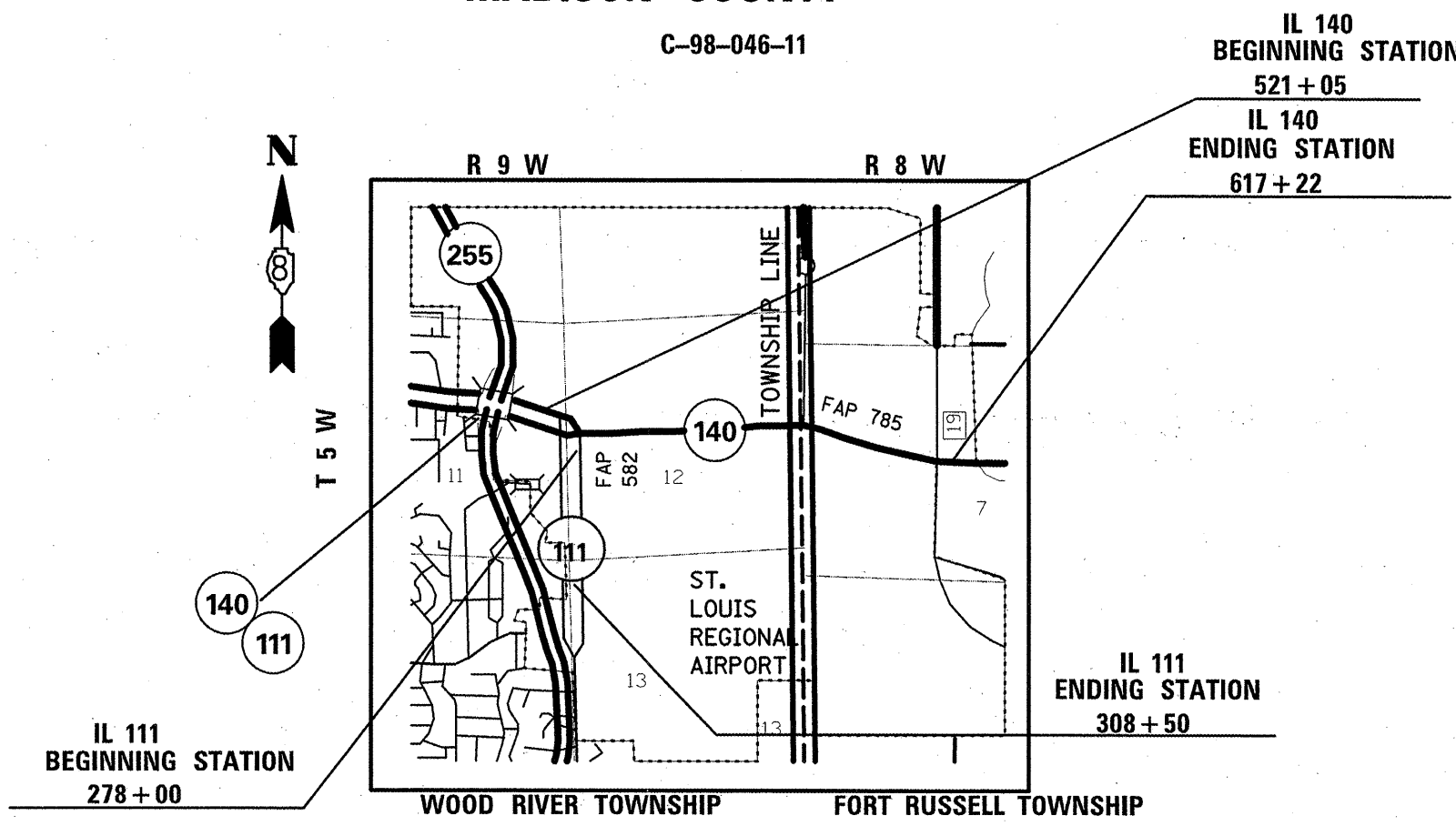
LOCATION OF SECTION INDICATED THUS: —■—

FOR INDEX OF SHEETS, SEE SHEET NO. 2



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 MICHAEL PRITCHETT (618) 346-3180
 PROJECT DESIGNER GWEN LAGEMANN (618) 346-3181

GROSS LENGTH = 12144.0 FT. = 2.3 MILE
 NET LENGTH = 12144.0 FT. = 2.3 MILE

CONTRACT NO. 76E85

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *March 30 20 12*
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 11 20 12
 John D. Baranzelli, P.E. *la*
 acting ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 12
 William R. Frazee *la*
 acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

- 1 COVER
- 2 INDEX OF SHEETS, GENERAL NOTES, & LIST OF STANDARDS
- 3-6 SUMMARY OF QUANTITIES
- 7-8 SCHEDULE OF QUANTITIES
- 9-32 PAVEMENT MARKING SHEETS
- 33-42 TYPICAL SECTIONS
- 43-46 DETAIL SHEETS
- 47-48 DIAMOND GRINDING PLAN SHEETS
- 49-50 GUARDRAIL DETAIL SHEETS
- 51-54 DETECTOR LOOP REPLACEMENT PLANS

LIST OF STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442101-07	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
630001-10	STEEL PLATE BEAM GUARDRAIL
630106	LONG-SPAN GUARDRAIL OVER CULVERT
630301-05	REFLECTOR AND TERMINAL MARKER PLACEMENT
635006-03	REFLECTOR MARKER AND MOUNTING DETAILS
635011-02	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY > 45MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701336-06	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40MPH
701427	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701502-04	URBAN LANE CLOSURE, 2L, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701601-07	URBAN LANE CLOSURE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-05	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-08	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-08	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-02	TRAFFIC CONTROL DEVICES
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

- 9. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE HMA BINDER COURSE AND SURFACE COURSE, IF REQUIRED. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS.
- 10. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN SUCH A WAY AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 11. APPROXIMATELY 270 SQUARE YARDS OF PCC PATCHES WITHIN THE PROJECT LIMITS WILL BE SUBJECT TO THE HMA SURFACE REMOVAL OPERATIONS OF THE DEPTHS SPECIFIED IN THE PLANS. THE COST OF MILLING THESE PATCHES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF THE HMA REMOVAL ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- 12. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE LEVEL BINDER OR BINDER COURSE PRIOR TO OPENING LANES TO TRAFFIC.
- 13. FOR CLASS B PATCHES, THE REINFORCEMENT SHALL BE PLACED AT 3/2" ± 1 INCH BELOW THE ELEVATION OF THE EXISTING CONCRETE PAVEMENT.
- 14. APPROXIMATELY 16 CUBIC YARDS OF FURNISHED EXCAVATION WILL BE REQUIRED FOR WIDENING AROUND THE TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT. THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE FOR TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT AND CONSTRUCTED ACCORDING TO STANDARD 635011-02.
- 15. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
- 16. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
- 17. THE CONTRACTOR SHALL VERIFY AND MATCH ALL EXISTING CROSS SLOPES.
- 18. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 19. CARE SHALL BE TAKEN AT ALL SIDE STREETS AND ENTRANCES DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED RESURFACING WILL MEET THE EXISTING SIDE STREETS AND ENTRANCES.
- 20. NO OVERNIGHT CLOSURES WILL BE PERMITTED.
- 21. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50 SHALL BE USED ON IL 111.
- 22. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90 SHALL BE USED ON IL 140.
- 23. APPROXIMATELY 32 SQ FT OF MEDIAN REMOVAL AND CONCRETE MEDIAN SURFACE REPLACEMENT IS REQUIRED ON ILL 111 AT STATION 281+50.
- 24. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTORS EXPENSE.

MIXTURE REQUIREMENTS

INDICATES PAYMENT INCLUDED IN COST OF ANOTHER ITEM.

GENERAL NOTES

- 1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
- 2. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
•AMEREN ILLINOIS	X	X
•AT&T ILLINOIS	X	X
•VILLAGE OF BETHALTO		X
•CHARTER COMMUNICATIONS	X	X
•SOUTHWESTERN ELECTRIC COOPERATIVE	X	X

* = JULIE MEMBER

- 3. THE THICKNESS OF THE HMA 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 HMA MIXTURE IS PLACED.
- 4. AN ESTIMATED 14,302 TONS OF HMA WILL BE REMOVED.
- 5. ALL AREAS DISTURBED FOR ANY REASON SHALL BE SEEDED AND MULCHED AS DIRECTED BY THE ENGINEER. NUTRIENTS SHALL CONFORM TO ARTICLE 250.04 OF THE STANDARD SPECIFICATIONS. NO EXTRA PAYMENT WILL BE MADE FOR SUCH WORK.
- 6. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE CONSIDERED APPROXIMATE.
- 7. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 8. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS ALL INTERSECTING SIDE ROADS AND RAMPS AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" FLOURESCENT ORANGE.

ROUTE	FAP 785/582 (IL 140/111)
SECTION	133RS-6
COUNTY	MADISON
CONTRACT	76E85

DESCRIPTION:	IL 140 FROM 0.1 MILES WEST OF IL 111 TO 0.1 MILES EAST OF MORELAND RD. AND IL 111 FROM IL 140 TO 0.5 MILES SOUTH
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ADT (Construction Yr):	14700
MUX:	3
SUX:	1.4
20 YR. ESAL'S:	2.92

MIXTURE USE	POLYMER		
	POLY SURFACE	IL4.75MM LEVEL BINDER	POLY FINE GRADE BINDER
AC/PG	SBS PG 76-22	SBS PG76-22	SBS PG76-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR Voids	4.0% @ Ndes=90	4.0% @ Ndes=50	4.0% @ Ndes=90
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	FINE GRADE IL19.0
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS < 2.25"
AC/PG	SBS PG64-22
RAP % (MAX)	SEE CONTRACT RAP
DESIGN AIR Voids	SPECIAL PROVISION
MIX COMPOSITION (GRADATION MIXTURE)	**2.0% @ Ndes=30
FRICTION AGG	NMAS 1/2"

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids 1.5%

Plan quantities for HMA items are calculated using a unit weight of 112 lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

80% FED

20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 582	FAP 785	CONSTRUCTION CODE				
				0005 IL 111 URBAN	0005 IL 140 URBAN					
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	18.7	6.5	12.2					
40600300	AGGREGATE (PRIME COAT)	TON	89	31	58					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1733	1733	0					
40600990	TEMPORARY RAMP	SQ YD	213	157	56					
40603243	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90	TON	6494	0	6494					
40603545	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	6061	1732	4329					
42001300	PROTECTIVE COAT	SQ YD	1633	0	1633					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1760	1760	0					
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	19828	19828	0					
44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	38652	0	38652					
44003100	MEDIAN REMOVAL	SQ FT	32	32	0					
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	5892	5892	0					
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	278	198	80					
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	64	64	0					

FILE NAME : c:\pwwork\pwwork\ch1\dsl\0251881\0876e85-
 USER NAME : ch1\dsl
 t-plan.dgn
 PLOT SCALE = 100.0000 / in.
 PLOT DATE = 3/30/2012

DESIGNED - GEL
 DRAWN - LAC
 CHECKED - MDP
 DATE - 3/20/2012
 REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	3
CONTRACT NO. 75E85				
ILLINOIS FED. AID PROJECT				

80% FED

20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 582		FAP 785		CONSTRUCTION CODE			
				0005 IL 111 URBAN	0005 IL 140 URBAN						
44201299	DOWEL BARS 1 1/2"	EACH	660	460	200						
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SQ YD	72	0	72						
44213200	SAW CUTS	FOOT	1700	1220	480						
48203100	HOT-MIX ASPHALT SHOULDERS	TON	148	148	0						
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	32	32	0						
X 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	187.5	0	187.5						
X 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	162.5	0	162.5						
X 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	0	2						
63200310	GUARDRAIL REMOVAL	FOOT	155	0	155						
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	0	5						
67100100	MOBILIZATION	L SUM	1	0	1						
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	1						
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0	1						
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0	1						

X SPECIALTY ITEM

FILE NAME =	USER NAME = ch1dsl	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\ch1dsl\d0251881\d876e85-	etplan.dgn	DRAWN - LAC	REVISED -		785	133RS-6	MADISON	54	4				
PLOT SCALE = 100.0000 / 1 in.		CHECKED - MDP	REVISED -		SCALE:	SHEET NO. 2 OF 4 SHEETS	STA.	TO STA.	CONTRACT NO. 75E85				
PLOT DATE = 3/30/2012		DATE - 3/20/2012	REVISED -						ILLINOIS FED. AID PROJECT				

80% FED

20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 582	FAP 785	CONSTRUCTION CODE							
				0005 IL 111 URBAN	0005 IL 140 URBAN								
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	0	1								
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0	1								
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0	1								
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0	1								
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5027	1766	3261								
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1529	187	1342								
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	59502	18586	40916								
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	929	365	564								
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	278	54	224								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	22995	7257	15738								
X 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1482	187	1295								
X 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	58260	18586	39674								
X 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	929	365	564								
X 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	278	54	224								

X SPECIALTY ITEM

FILE NAME =	USER NAME = ch1d1	DESIGNED - GEL	REVISED -
a:\pwwork\p1dot\ch1d1\d0251881\d076e85-s	crplan.dgn	DRAWN - LAC	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED - MDP	REVISED -
	PLOT DATE = 3/30/2012	DATE - 3/20/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MARION	54	5
CONTRACT NO. 75E85			ILLINOIS FED. AID PROJECT	

80% FED

20% STATE

CONSTRUCTION CODE

FAP 582

FAP 785

0005
IL 111
URBAN

0005
IL 140
URBAN

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	FAP 582	FAP 785				
X 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	47	0	47				
X 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1243	0	1243				
X 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	664	220	444				
X 78200300	PRISMATIC CURB REFLECTOR	EACH	72	24	48				
X 78200410	GUARDRAIL MARKERS, TYPE A	EACH	5	0	5				
X 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	0	2				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	532	88	444				
80300100	LOCATING UNDERGROUND CABLE	FOOT	75	15	60				
88600600	DETECTOR LOOP REPLACEMENT	FOOT	3320	644	2676				
X Z0036200	PAINT CURB	FOOT	416	232	184				
X4102005	DIAMOND GRINDING AND GROOVING (ROADWAY SECTION)	SQ YD	3633	0	3633				
+ Z0076600	TRAINEES	HOUR	500	250	250				

X SPECIALTY ITEM + 0042

FILE NAME =	USER NAME = ch1d1	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
at:\pwork\pdat\ch1d1\0251881\076e85-	t-plan.dgn	DRAWN - LAC	REVISED -					785	133RS-6	MADISON	54	6
PLOT SCALE = 100.0000' / in.	CHECKED - MDP	DATE - 3/20/2012	REVISED -		SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.			CONTRACT NO. T5E85				
PLOT DATE = 3/30/2012	DATE - 3/20/2012	REVISED -						ILLINOIS FED. AID PROJECT				

IL 111 PATCHING SCHEDULE (CLASS B)

STATION	LEFT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	13"		SAW CUT FEET	DOWEL BARS EACH
					TYPE II	TYPE III		
288+50	DL	10	12	13.4	13.4		56	20
288+50	PL	10	12	13.4	13.4		56	20
297+00	DL	10	12	13.4	13.4		56	20
297+00	PL	10	12	13.4	13.4		56	20
302+00	DL	6	12	8.0	8.0		48	20
302+00	PL	6	12	8.0	8.0		48	20
304+00	DL	6	12	8.0	8.0		48	20
304+00	PL	6	12	8.0	8.0		48	20
304+50	DL	12	12	16.0		16.0	60	20
304+50	PL	12	12	16.0		16.0	60	20
SUBTOTAL					85.6	32	536	200

IL 111 PATCHING SCHEDULE (CLASS B)

STATION	RIGHT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	13"		SAW CUT FEET	DOWEL BARS EACH
					TYPE II	TYPE III		
288+50	DL	10	12	13.4	13.4		56	20
288+50	PL	10	12	13.4	13.4		56	20
297+00	DL	10	12	13.4	13.4		56	20
297+00	PL	10	12	13.4	13.4		56	20
298+50	PL	8	12	10.7	10.7		52	20
299+50	DL	6	12	8.0	8.0		48	20
299+50	PL	6	12	8.0	8.0		48	20
302+00	DL	6	12	8.0	8.0		48	20
302+00	PL	6	12	8.0	8.0		48	20
304+00	DL	6	12	8.0	8.0		48	20
304+00	PL	6	12	8.0	8.0		48	20
304+50	DL	12	12	16.0		16.0	60	20
304+50	PL	12	12	16.0		16.0	60	20
SUBTOTAL					112.3	32	684	260

IL 140 PATCHING SCHEDULE (CLASS B)

STATION	LEFT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	13"		SAW CUT FEET	DOWEL BARS EACH
					TYPE II	TYPE III		
523+00	PL	6	12	8.0	8.0		48	20
520+50	PL	6	12	8.0	8.0		48	20
SUBTOTAL					16.0		96	40

IL 140 PATCHING SCHEDULE (CLASS B)

STATION	RIGHT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	13"		SAW CUT FEET	DOWEL BARS EACH
					TYPE II	TYPE III		
522+55	DL	6	12	8.0	8.0		48	20
522+55	PL	6	12	8.0	8.0		48	20
522+55	LEFT TURN	6	12	8.0	8.0		48	20
523+08	DL	6	12	8.0	8.0		48	20
523+08	PL	6	12	8.0	8.0		48	20
523+61	DL	6	12	8.0	8.0		48	20
523+61	PL	6	12	8.0	8.0		48	20
523+61	LEFT TURN	6	12	8.0	8.0		48	20
SUBTOTAL					64.0		384	160

DL= DRIVING LANE
PL= PASSING LANE

IL 140 PATCHING SCHEDULE (CLASS D)

STATION	RIGHT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	15" TYPE II
550+01	DL	6	12	8.0	8.0
550+13	DL	6	12	8.0	8.0
612+31	DL	6	16	10.7	10.7
612+84	DL	6	12	9.4	9.4
SUBTOTAL					36.1

IL 140 PATCHING SCHEDULE (CLASS D)

STATION	LEFT DL/PL	LENGTH (FT)	WIDTH (FT)	AREA SQ YD	15" TYPE II
550+01	DL	6	12	8.0	8.0
571+13	DL	6	12	8.0	8.0
612+31	DL	6	16	10.7	10.7
612+84	DL	6	12	9.4	9.4
SUBTOTAL					36.1

TEMPORARY RAMP SCHEDULE

STATION	LENGTH	WIDTH	AREA
IL 140	FT	FT	SQ YD
525+00.0	6	60	40
617+22.0	6	24	16
IL 111			
278+00.0	5	230	128
308+50.0	5	52	29
TOTAL			213

MEDIAN REMOVAL PARTIAL DEPTH SCHEDULE

STATION	LENGTH	WIDTH	MEDIAN REMOVAL
	FT	FT	SQ FT
283+85.00 TO 291+81.00	796	4	3184.0
298+59.00 TO 305+36.00	677	4	2708.0
TOTAL			5892.0

PAVING SCHEDULE

STATION	HMA SURFACE TONS	HMA SURFACE REMOVAL 3" SQ YD	HMA SURFACE REMOVAL 5" SQ YD	BITUMINOUS MATERIALS (PRIME COAT) TONS	AGGREGATE (PRIME COAT) TONS	IL 4.75 BINDER TONS	IL 19, FG BINDER TONS	HMA SURFACE REMOVAL 1/2" SQ YD	HMA SHOULDER TONS
IL 111									
281+41.00 TO 282+07.00	41.9	499	0	0.16	0.75	41.9	0.0	0	0
282+07.00 TO 283+85.00	99.7	1187	0	0.38	1.78	99.7	0.0	138.4	11.6
283+85.00 TO 284+58.00	43.6	487	0	0.17	0.78	43.7	0.0	56.8	4.8
284+58.00 TO 286+91.00	134.8	1502	0	0.51	2.41	134.9	0.0	155.3	13.0
286+91.00 TO 288+22.00	73.4	815	0	0.28	1.31	73.4	0.0	87.3	7.3
288+22.00 TO 290+48.00	139.2	1557	0	0.52	2.49	139.3	0.0	150.7	12.7
290+48.00 TO 291+81.00	89.4	1005	0	0.34	1.6	89.4	0.0	88.7	7.4
291+81.00 TO 292+71.00						0.0		30.0	2.5
292+71.00 TO 293+86.00	64.4	767	0	0.24	1.15	64.4	0.0	76.7	6.4
293+86.00 TO 296+02.00	121.0	1440	0	0.46	2.16	121.0	0.0	144.0	12.1
296+02.00 TO 298+59.00	134.3	1599	0	0.51	2.40	134.4	0.0	171.3	14.4
298+59.00 TO 305+36.00	328.6	3611	0	1.23	5.87	328.6	0.0	451.3	37.9
305+36.00 TO 308+50.00	152.4	1675	0	0.57	2.73	152.4	0.0	209.3	17.6
IL 140									
528+36.00 TO 530+85.00	167.3	0	1494	0.47	2.25	0.0	251.0		
530+85.00 TO 532+11.00	75.3	0	672	0.22	1.01	0.0	112.9		
532+11.00 TO 535+00.00	169.0	0	1509	0.48	2.27	0.0	253.6		
535+00.00 TO 614+28.00	3551.7	0	31712	9.93	47.57	0.0	5327.7		
614+28.00 TO 617+22.00	109.8	0	980	0.31	1.47	0.0	164.7		
ILL 111/BENDER INTERSECTION	60.20	717	0	0.22	1.08	60.2	0.0		
IL 111/IL 140 INTERSECTION (IL 140 LEG)	255.93	0	2285	0.72	3.43	0.0	383.9		
IL 111/IL 140 INTERSECTION (IL 111 LEG)	249.46	2970	0	0.93	4.45	249.5	0		
TOTALS	6061.3	19828	38652	18.7	89	1732.8	6493.8	1760	147.8

NOTE:

PLEASE REFER TO TYPICAL SECTIONS FOR HMA SURFACE AND BINDER THICKNESS.

IL 111 PAVEMENT MARKING SCHEDULE

STATION	LENGTH	4" YELLOW SKIP DASH 10'-30'	4" YELLOW SOLID	4" WHITE SKIP DASH 10'-30'	4" WHITE SOLID	4" WHITE SKIP DASH 2'-6" EACH	12" YELLOW DIAGONALS	24" WHITE STOP BAR	LETTERS SYMBOLS	RRPM	RRPM REMOVAL
IL 111	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
278+40.00 TO 278+76.00	36		72	0	180	0	0	54	46.8	3	0
278+76.00 TO 279+90.00	114		228	28.5	456	0	0	0	15.6	8	8
279+90.00 TO 281+22.00	132		396	33	396	0	30	0	15.6	5	5
281+22.00 TO 282+08.00	86		0	21.5	172	0	0	0	0	2	2
282+08.00 TO 283+58.00	150		300	37.5	450	37.5	0	0	46.8	6	2
283+58.00 TO 283+84.00	26		52	13	78	0	0	0	0	2	1
283+84.00 TO 284+61.00	77		308	38.5	231	0	20	0	0	8	2
284+61.00 TO 290+47.00	586		2344	293	1172	0	110	0	0	44	15
290+47.00 TO 291+70.00	123		492	61.5	369	0	45	0	31.2	19	4
291+70.00 TO 292+66.00	96		0	48	96	0	0	0	0	3	3
292+66.00 TO 293+80.00	114		228	57	342	0	0	0	31.2	9	9
293+80.00 TO 308+50.00	1470		5880	735	2940	0	160	0	0	111	37
IL 111 TOTALS			10300	1366.5	6882	37.5	365	54	187.2	220	88
SUBTOTAL					18586		365	54	187.2	220	88

IL 140 PAVEMENT MARKING SCHEDULE

STATION	LENGTH	4" YELLOW SKIP DASH 10'-30'	4" YELLOW SOLID	4" WHITE SKIP DASH 10'-30'	4" WHITE SOLID	12" YELLOW DIAGONALS	12" WHITE CROSSWALK	24" WHITE STOP BAR	LETTERS SYMBOLS	RRPM	RRPM REMOVAL
IL 140	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	SQ FT	EACH	EACH
521+05.00 TO 521+22.00	17	0	34	8.5	51	0	0	0	0	1	1
521+22.00 TO 522+55.00	133	0	266	66.05	266	0	0	0	0	4	4
522+55.00 TO 522+90.00	35	0	70	17.5	70	0	0	0	0	1	1
522+90.00 TO 524+30.00	140	0	280	70	420	0	0	0	0	7	7
524+30.00 TO 525+00.00	70	0	140	35	140	0	0	0	46.8	2	2
525+00.00 TO 525+23.00	23	0	46	11.5	46	0	0	36	0	1	1
526+76.00 TO 528+89.00	213	0	426	53.25	639	0	0	36	31.2	8	8
528+89.00 TO 529+45.00	56	0	112	14	112	0	0	0	15.6	1	1
529+45.00 TO 530+18.00	73	0	146	0	0	0	0	0	0	0	0
530+18.00 TO 530+69.00	51	0	492	61.5	369	0	0	0	0	0	0
530+69.00 TO 532+04.00	135	0	0	48	96	0	0	0	0	0	0
532+04.00 TO 533+43.00	139	69.5	278	0	278	60	0	0	0	7	7
533+43.00 TO 534+06.00	63	31.5	126	0	63	0	0	0	0	4	4
534+06.00 TO 537+87.00	381	190.5	762	0	762	0	0	0	0	20	20
537+87.00 TO 539+93.00	206	103	412	0	206	0	0	0	0	11	11
539+93.00 TO 560+42.00	2049	1024.5	4098	0	4098	0	0	0	0	103	103
560+42.00 TO 561+02.00	60	0	120	0	120	0	0	0	0	2	2
561+02.00 TO 561+77.00	75	0	150	0	225	0	0	24	31.2	4	4
562+80.00 TO 563+55.00	75	0	150	0	150	0	0	24	31.2	4	4
563+55.00 TO 564+15.00	60	0	120	0	120	0	0	0	0	2	2
564+15.00 TO 567+76.00	361	180.5	722	0	722	0	0	0	0	19	19
567+76.00 TO 568+30.00	54	27	108	0	54	0	0	0	0	3	3
568+30.00 TO 572+39.00	409	204.5	818	0	818	0	0	0	0	21	21
572+39.00 TO 573+34.00	95	47.5	190	0	95	0	0	0	0	5	5
573+34.00 TO 576+42.00	308	154	616	0	616	0	0	0	0	16	16
576+42.00 TO 577+70.00	128	64	256	0	128	0	0	0	0	7	7
577+70.00 TO 578+30.00	60	0	120	0	120	0	0	0	0	2	2
578+30.00 TO 578+85.00	55	0	110	0	165	0	0	0	31.2	2	2
578+85.00 TO 579+52.00	67	0	134	0	134	0	0	24	0	2	2
579+52.00 TO 580+33.00	81	0	0	0	0	194	0	0	0	0	0
580+33.00 TO 581+08.00	75	0	150	0	150	0	0	32	31.2	2	2
581+08.00 TO 581+68.00	60	0	120	0	60	50	0	0	0	3	3
581+68.00 TO 583+33.00	165	82.5	330	0	165	0	0	0	0	9	9
583+33.00 TO 586+17.00	281	140.5	562	0	562	0	0	0	0	15	15
586+14.00 TO 586+59.00	45	22.5	90	0	45	0	0	0	0	3	3
586+59.00 TO 587+74.00	115	57.5	230	0	230	0	0	0	0	6	6
587+74.00 TO 588+38.00	64	32	128	0	0	0	0	0	0	4	4
588+38.00 TO 590+57.00	219	109.5	438	0	438	0	0	0	0	11	11
590+57.00 TO 591+18.00	61	30.5	122	0	61	0	0	0	0	4	4
591+18.00 TO 595+25.00	407	203.5	814	0	814	0	0	0	0	21	21
595+25.00 TO 595+87.00	62	31	124	0	62	0	0	0	0	4	4
595+87.00 TO 597+10.00	123	61.5	246	0	246	0	0	0	0	7	7
597+10.00 TO 597+70.00	60	30	120	0	60	0	0	0	0	3	3
597+71.00 TO 604+27.00	656	328	1312	0	1312	0	0	0	0	33	33
604+27.00 TO 604+85.00	58	29	116	0	58	0	0	0	0	3	3
604+85.00 TO 607+49.00	264	132	528	0	528	0	0	0	0	14	14
607+49.00 TO 608+09.00	60	0	120	0	120	0	0	0	0	2	2
608+09.00 TO 609+45.00	136	0	272	0	408	0	0	0	31.2	7	7
609+45.00 TO 609+95.00	50	0	100	0	100	0	0	24	0	2	2
610+90.00 TO 611+38.00	48	0	96	0	96	0	0	24	15.6	2	2
611+38.00 TO 611+85.00	47	0	94	0	141	0	0	0	15.6	3	3
611+85.00 TO 617+22.00	537	0	2148	0	1074	260	0	0	0	27	27
532+04.00 TO 560+41.00	2837	0	0	0	0	0	0	0	473.7	0	0
564+80.00 TO 577+00.00	1220	0	0	0	0	0	0	0	221.5	0	0
582+00.00 TO 606+00.00	2400	0	0	0	0	0	0	0	405.6	0	0
IL 140 THERMOPLASTIC TOTALS		3386.5	18952	221	17114	370	194	224	1294.8	0	0
IL 140 MODIFIED URETHANE TOTALS		0	490	122.5	630	0	0	0	46.8	0	0
IL 140 TOTALS		0	0	0	0	0	0	0	0	444	444

	LINE 4"	LINE 12"	LINE 24"	LETTER SYMBOLS	RRPM	RRPM
	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
GRAND THERMOPLASTIC TOTALS	58259.5	929.0	278	1482.0	0	0
GRAND MODIFIED URETHANE TOTALS	1242.5	0	0	46.8	0	0
GRAND TOTALS	0	0	0	0	644.0	532.0

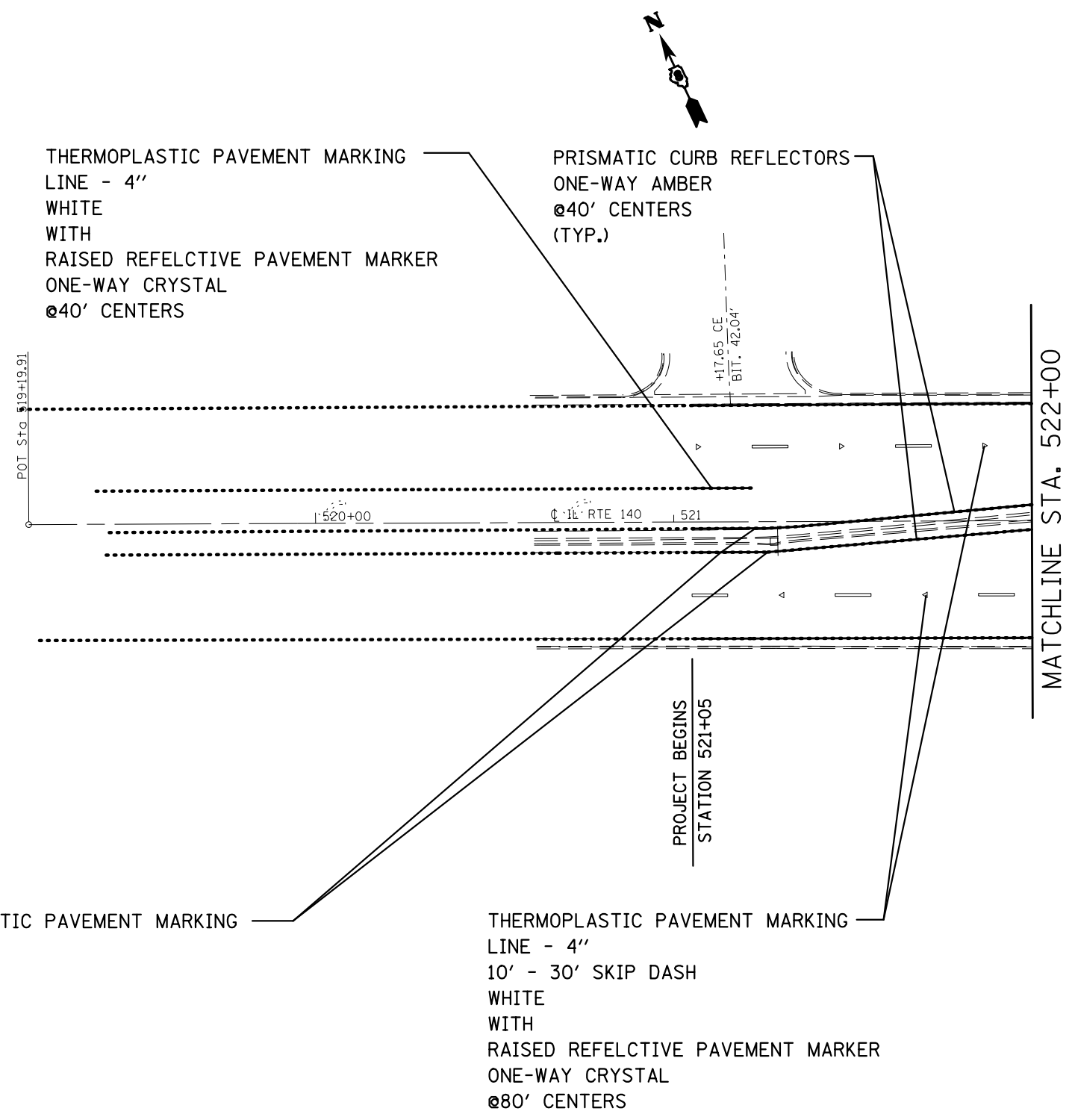
* MODIFIED URETHANE PAVEMENT MARKING

PAINT CURB SCHEDULE

MEDIAN NOSE LOCATION	NOSE	SIDES	PAINT CURB
IL 140	FEET	FEET	FEET
525+23.00	10	48	58
526+76.00	10	48	58
532+10.00	10	48	58
IL 111			
278+40.00	10	48	58
281+40.00	10	48	58
282+08.00	10	48	58
283+83.00	10	48	58
TOTAL			416

PRISMATIC CURB REFLECTOR SCHEDULE

STATION	LENGTH	PRISMATIC CURB REFLECTOR
IL 140	FEET	EACH
521+05.00 TO 525+23.00	418	21
526+76.00 TO 532+10.00	534	27
IL 111		
278+40.00 TO 281+40.00	300	15
282+08.00 TO 283+83.00	175	9
TOTAL		72



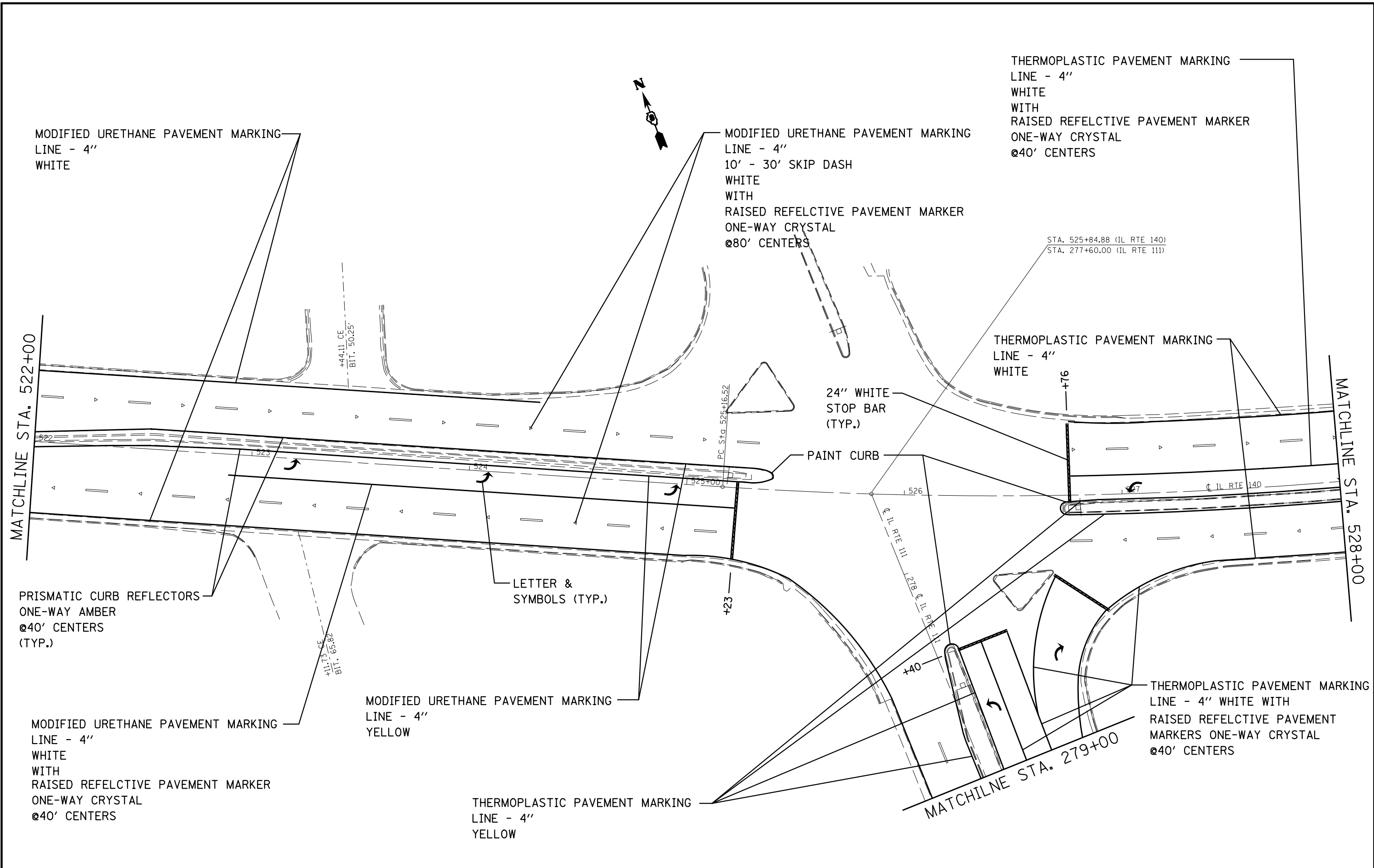
THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @40' CENTERS

PRISMATIC CURB REFLECTORS
 ONE-WAY AMBER
 @40' CENTERS
 (TYP.)

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 10' - 30' SKIP DASH
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @80' CENTERS

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -								CONTRACT NO. 76E85				
	PLOT DATE = 3/30/2012	DATE -	REVISED -								ILLINOIS FED. AID PROJECT				



FILE NAME =
 USER NAME = chids1
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -
 PLOT SCALE = 48.0000' / in.
 PLOT DATE = 3/30/2012

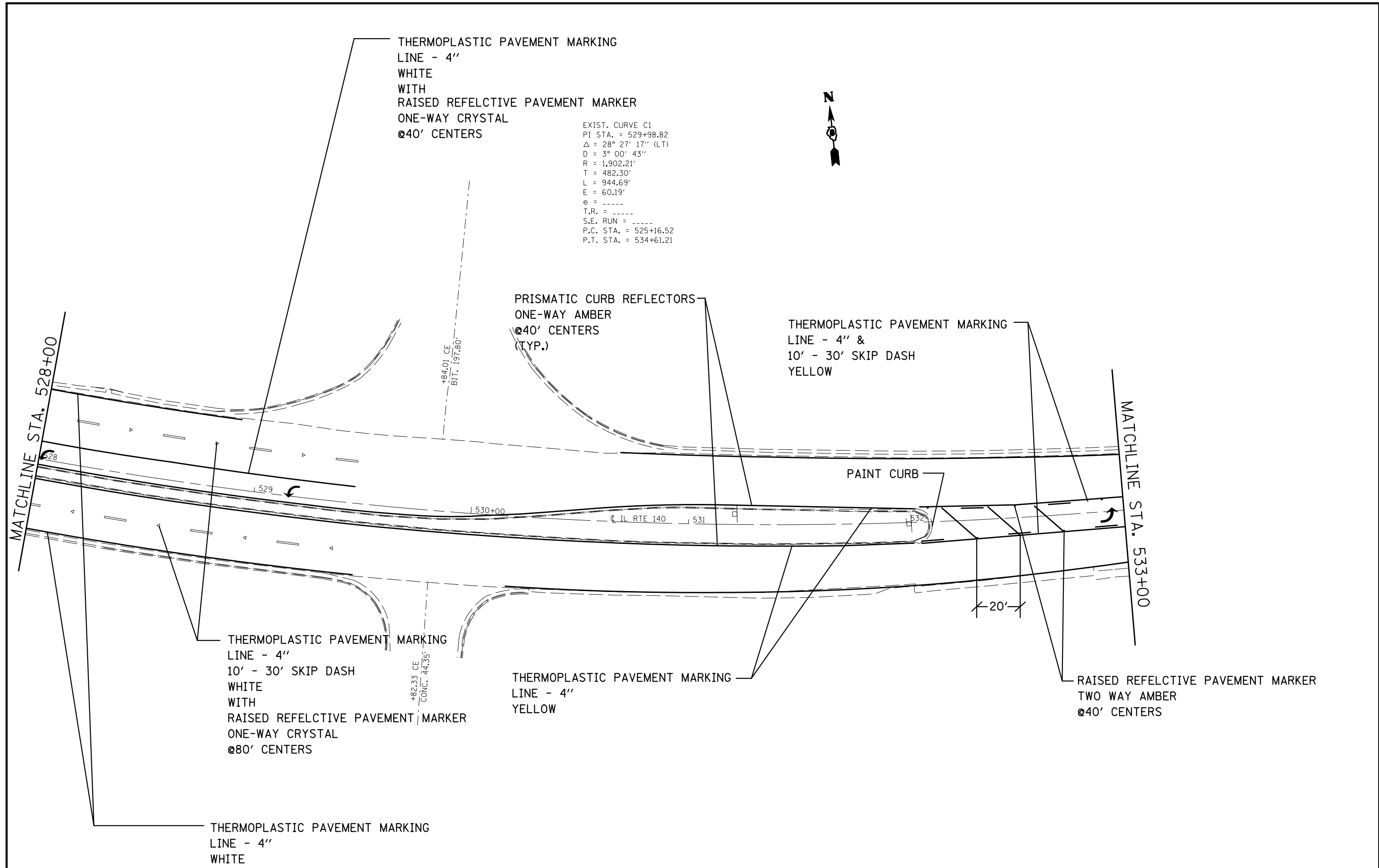
DESIGNED -
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 CHECKED -
 DATE -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

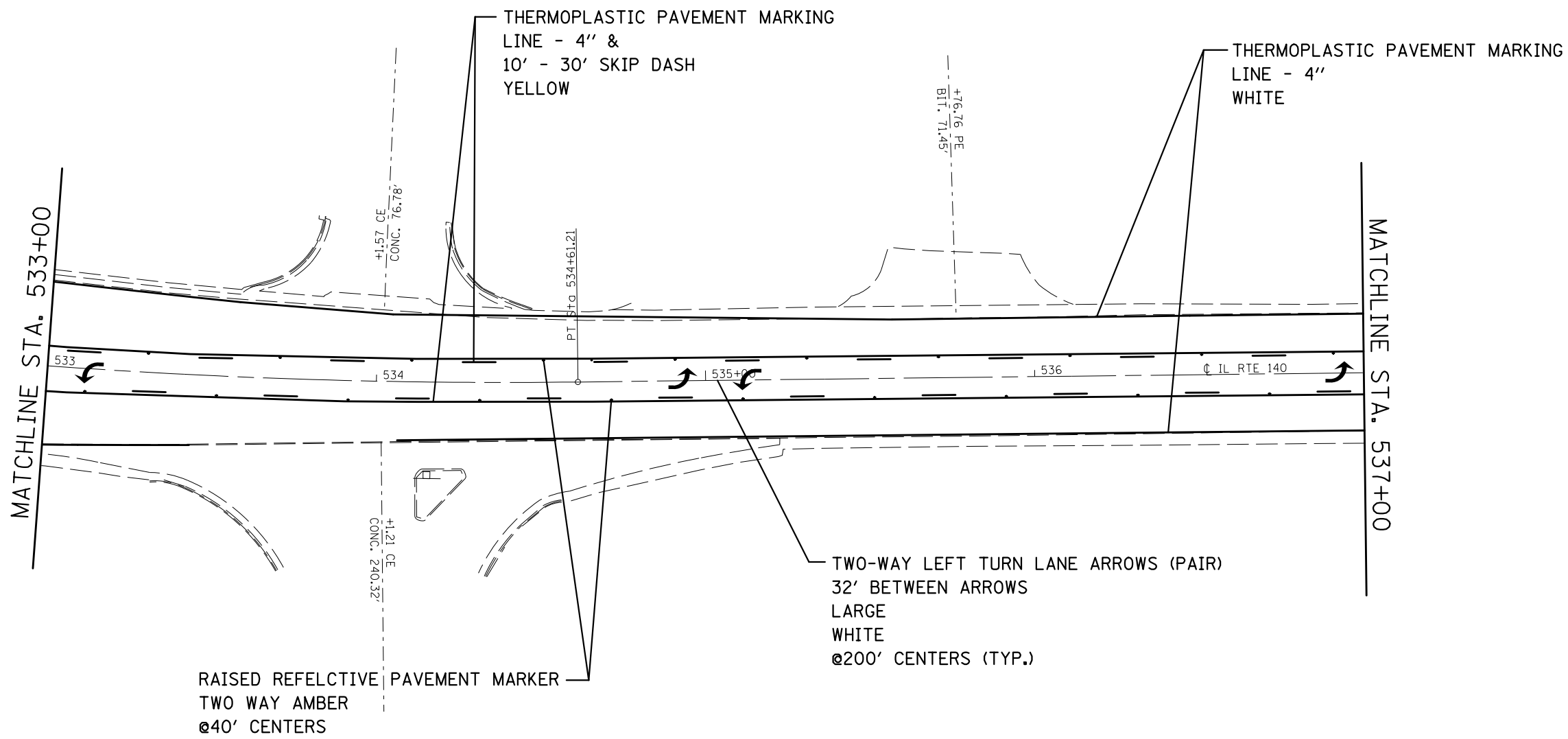
**IL 140
 PAVEMENT MARKING SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	10
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = chidsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
	PLOT DATE = 3/30/2012	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



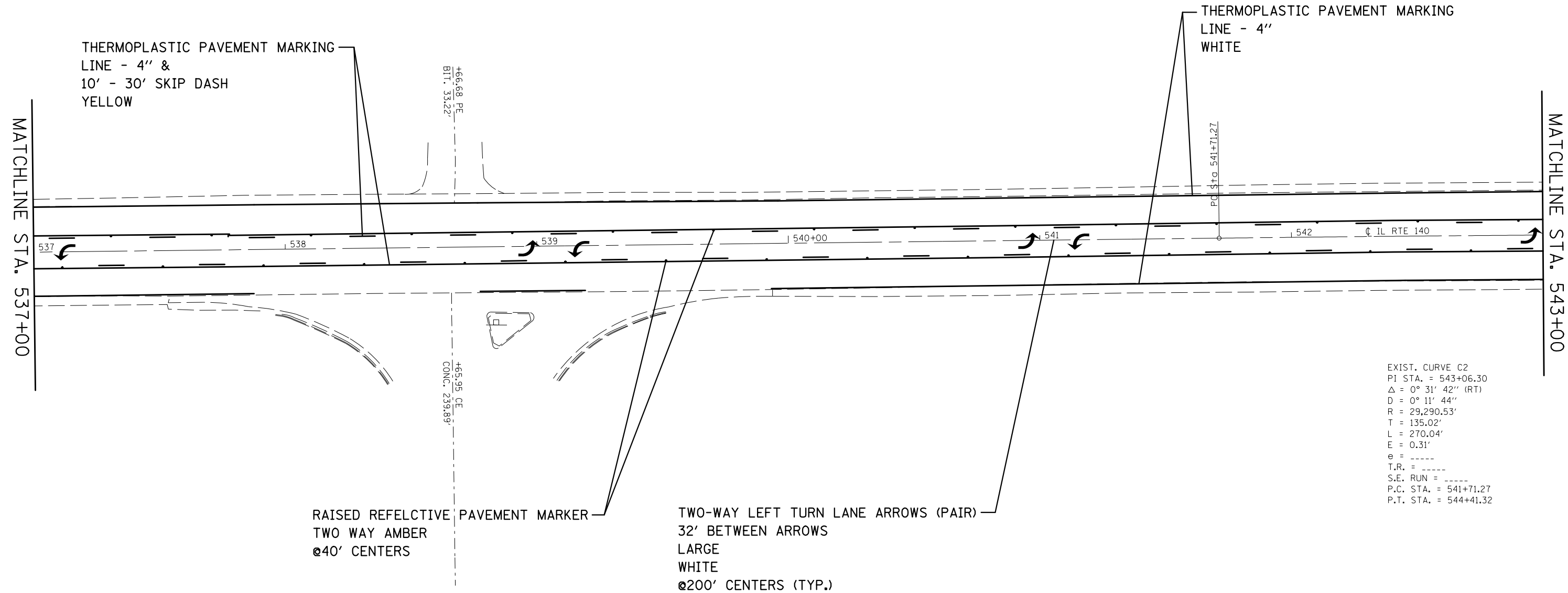
THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)

RAISED REFELCTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\chids1\d0251881\d876e85-sht-pvmk.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	12	CONTRACT NO. 76E85		
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
	PLOT DATE = 3/30/2012	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			



FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 140 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\chids1\d0251881\d876e85-sht-pvmk.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	13			
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E85							
PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

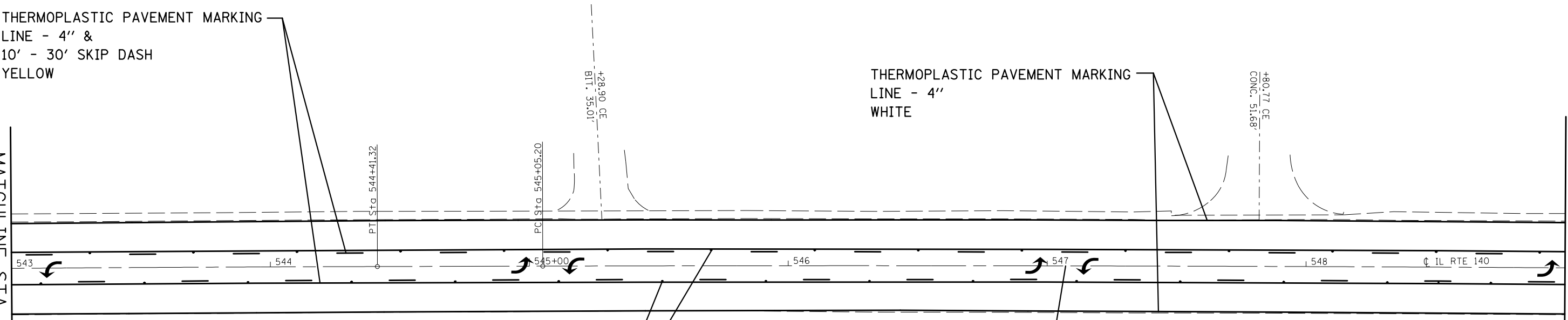


THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

MATCHLINE STA. 543+00

MATCHLINE STA. 549+00



RAISED REFLECTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)

EXIST. CURVE C3
 PI STA. = 547+62.07
 Δ = 0° 38' 14" (RT)
 D = 0° 07' 27"
 R = 46,187.47'
 T = 256.87'
 L = 513.74'
 E = 0.71'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 545+05.20
 P.T. STA. = 550+18.93

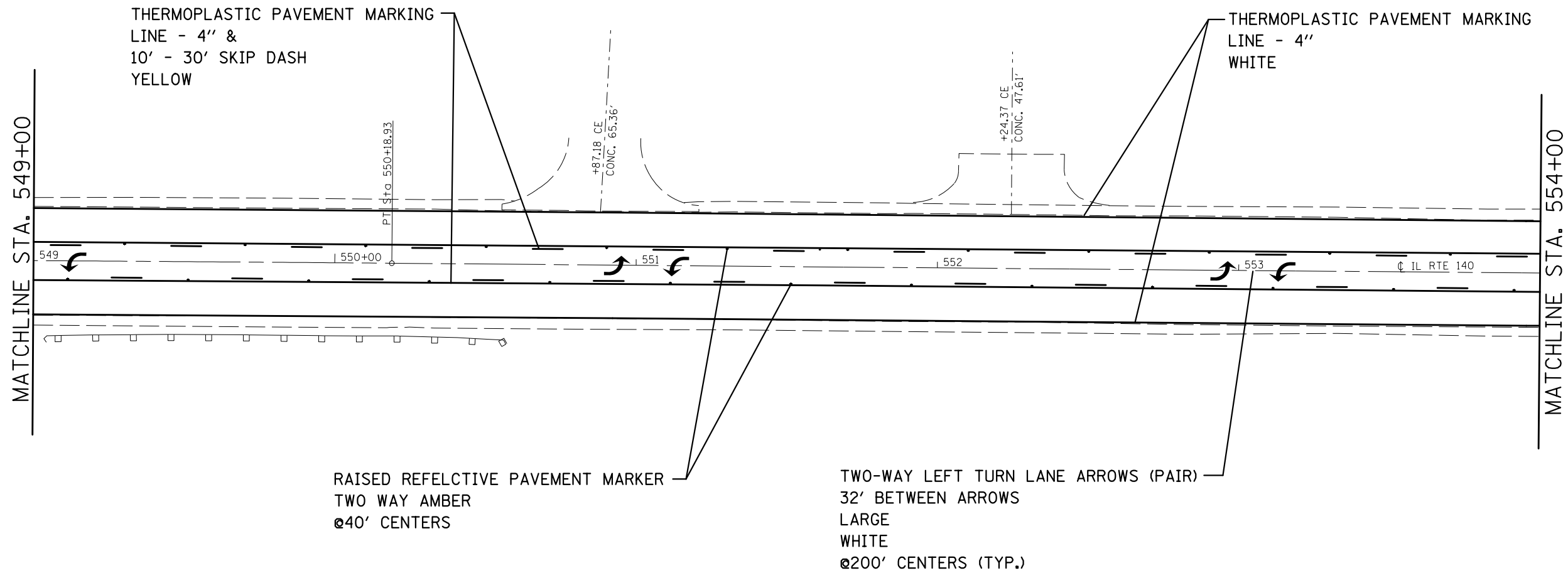
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 140
 PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	14
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 549+00

MATCHLINE STA. 554+00

THERMOPLASTIC PAVEMENT MARKING
LINE - 4" &
10' - 30' SKIP DASH
YELLOW

THERMOPLASTIC PAVEMENT MARKING
LINE - 4"
WHITE

RAISED REFELCTIVE PAVEMENT MARKER
TWO WAY AMBER
@40' CENTERS

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
32' BETWEEN ARROWS
LARGE
WHITE
@200' CENTERS (TYP.)

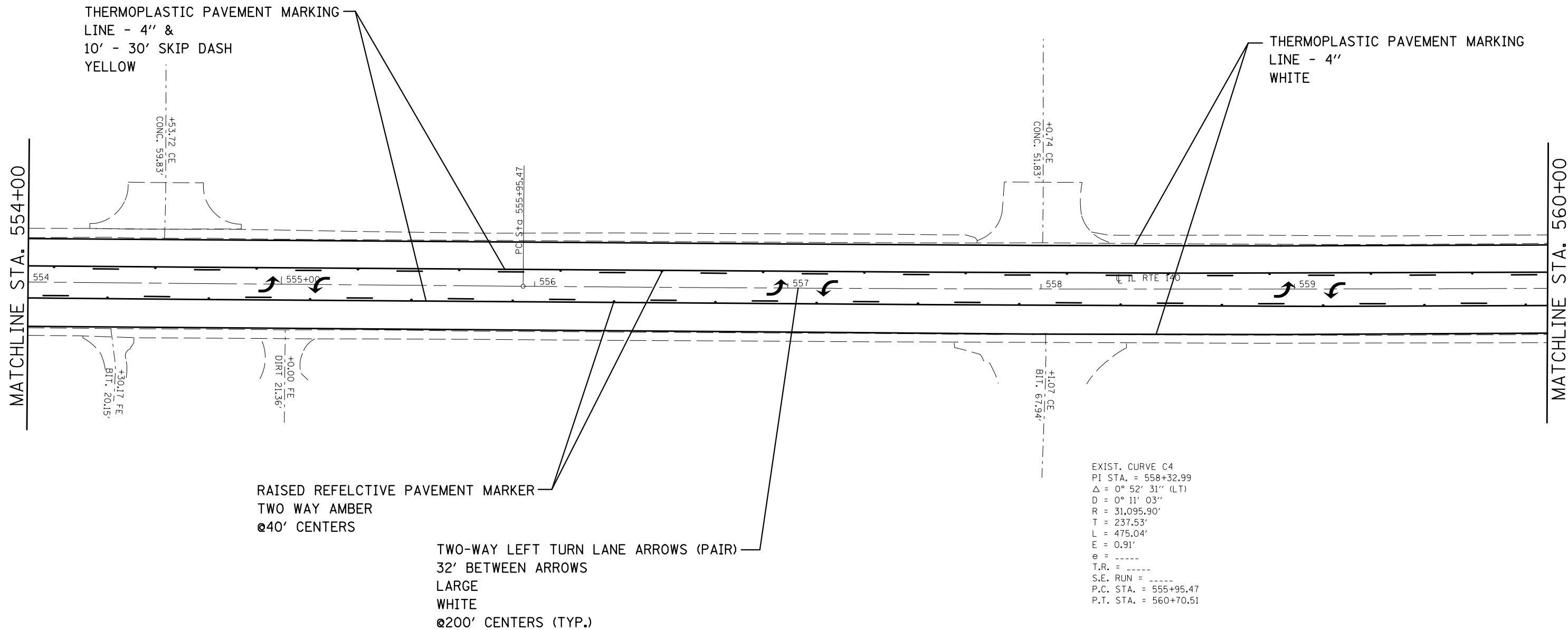
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 140
PAVEMENT MARKING SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	15
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

MATCHLINE STA. 554+00

MATCHLINE STA. 560+00

RAISED REFLECTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)

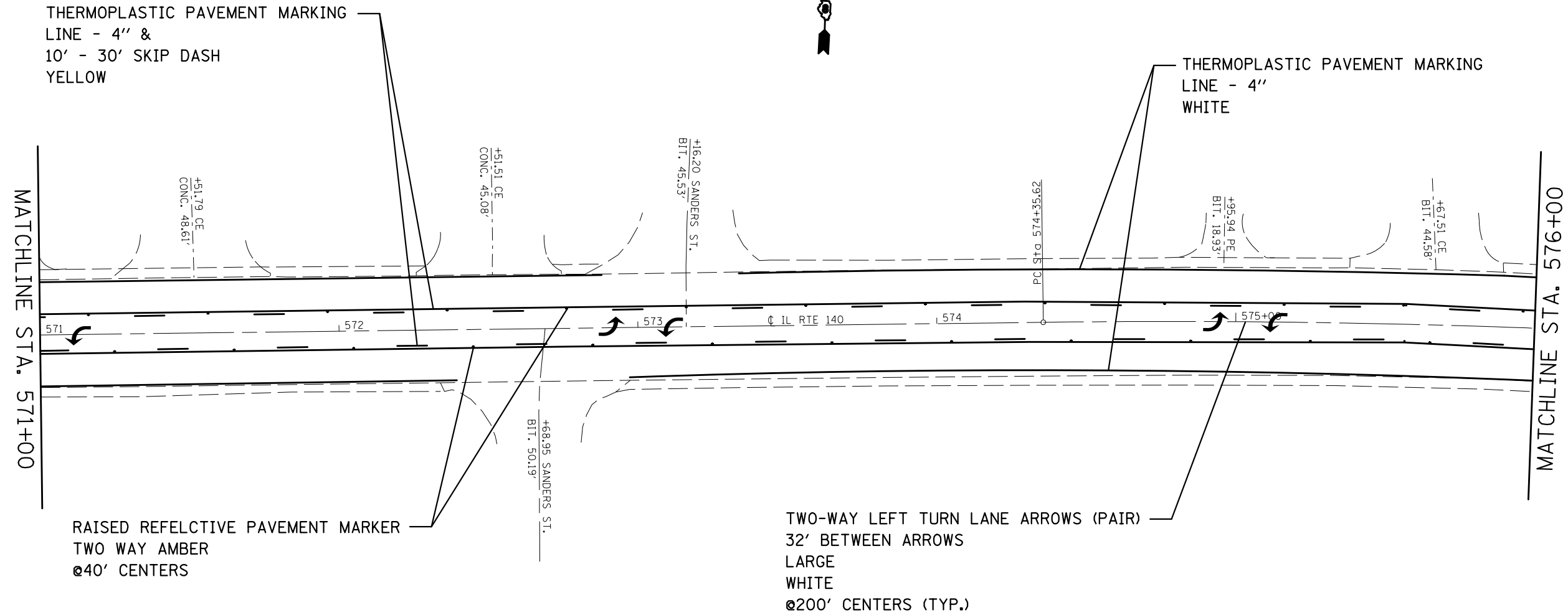
EXIST. CURVE C4
 PI STA. = 558+32.99
 Δ = 0° 52' 31'' (LT)
 D = 0° 11' 03''
 R = 31,095.90'
 T = 237.53'
 L = 475.04'
 E = 0.91'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 555+95.47
 P.T. STA. = 560+70.51

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -
es:\pwork\pwork\chids1\d0251881\d876e5-sht-pvmk.dgn		DRAWN -	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 3/30/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 140 PAVEMENT MARKING SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	16
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

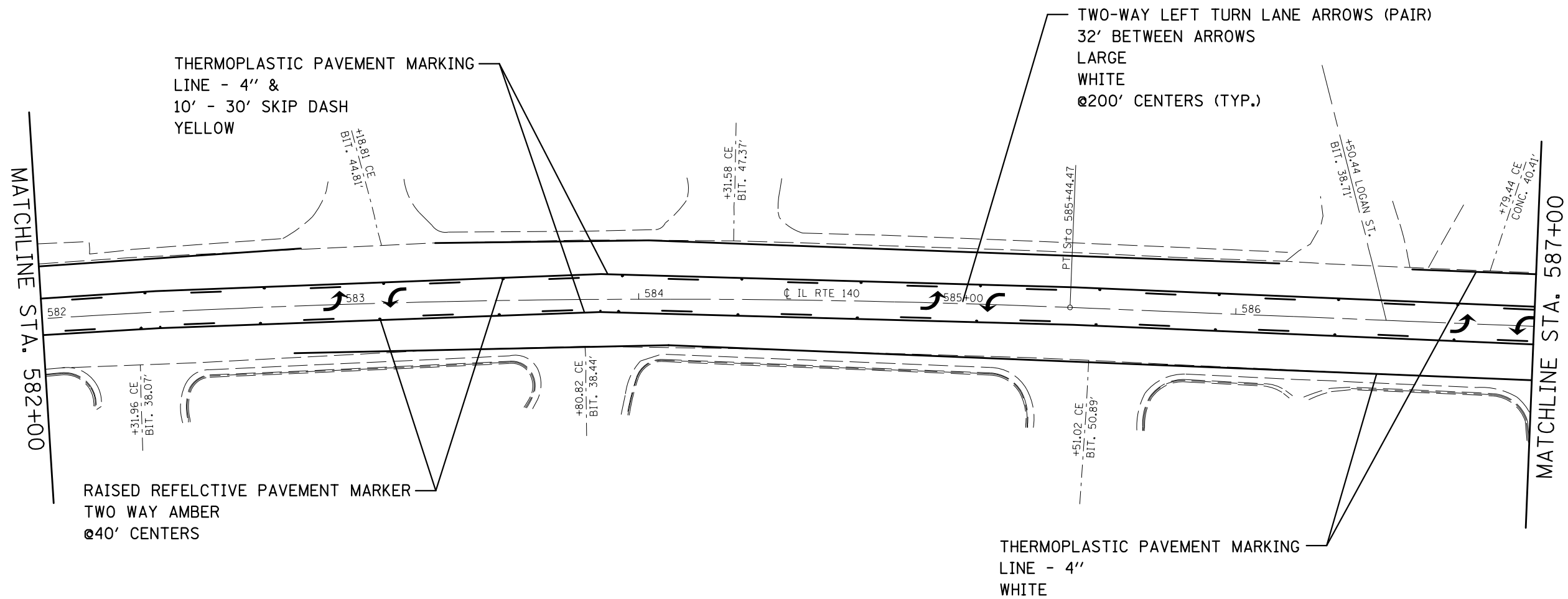


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	PLOT DATE = 3/30/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 140 PAVEMENT MARKING SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	19
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)

MATCHLINE STA. 582+00

MATCHLINE STA. 587+00

RAISED REFELCTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -
es:\pw\work\p\dot\chids1\d0251881\d876e85-sht-pvmk.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2012	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 140
 PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	21
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 587+00

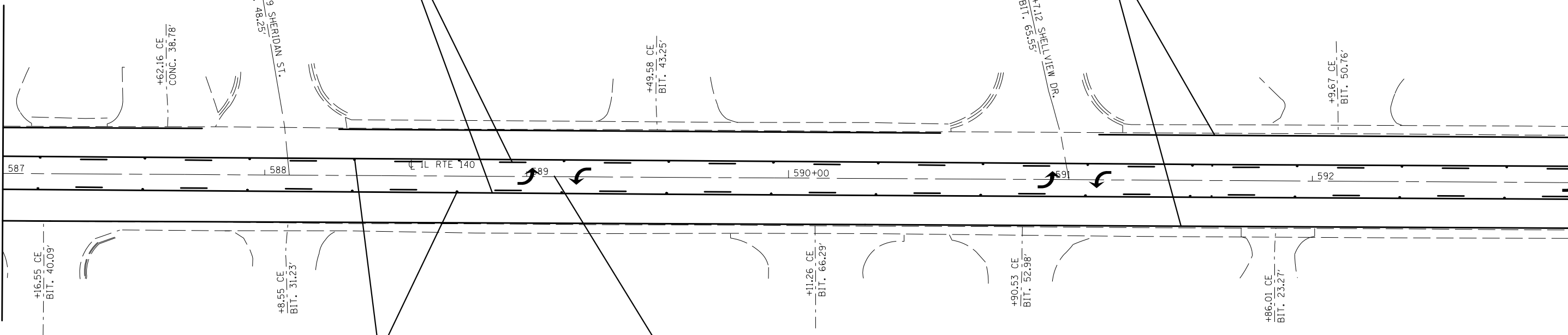
MATCHLINE STA. 593+00

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

RAISED REFLECTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)



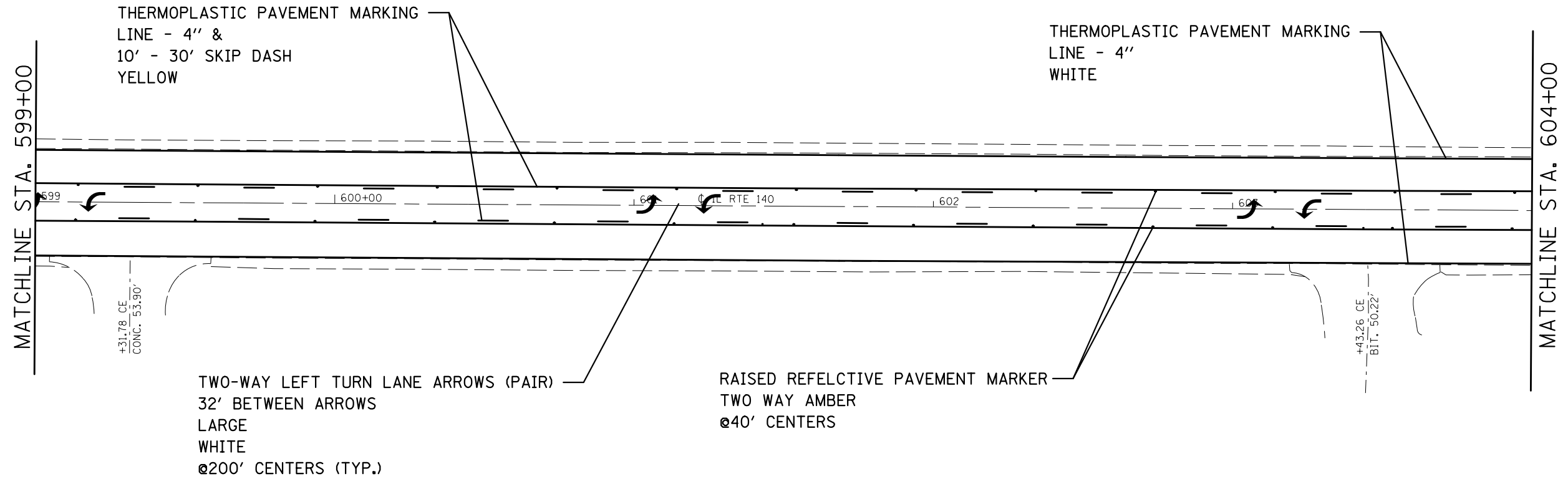
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	PLOT DATE = 3/30/2012	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL 140
 PAVEMENT MARKING SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	22
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76E85	



FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -
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	PLOT DATE = 3/30/2012	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 140
PAVEMENT MARKING SHEET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	24
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

THERMOPLASTIC PAVEMENT MARKING
 DOUBLE LINE - 4"
 YELLOW
 WITH
 TWO WAY AMBER RAISED REFLECTIVE PAVEMENT MARKER
 @40' CENTERS

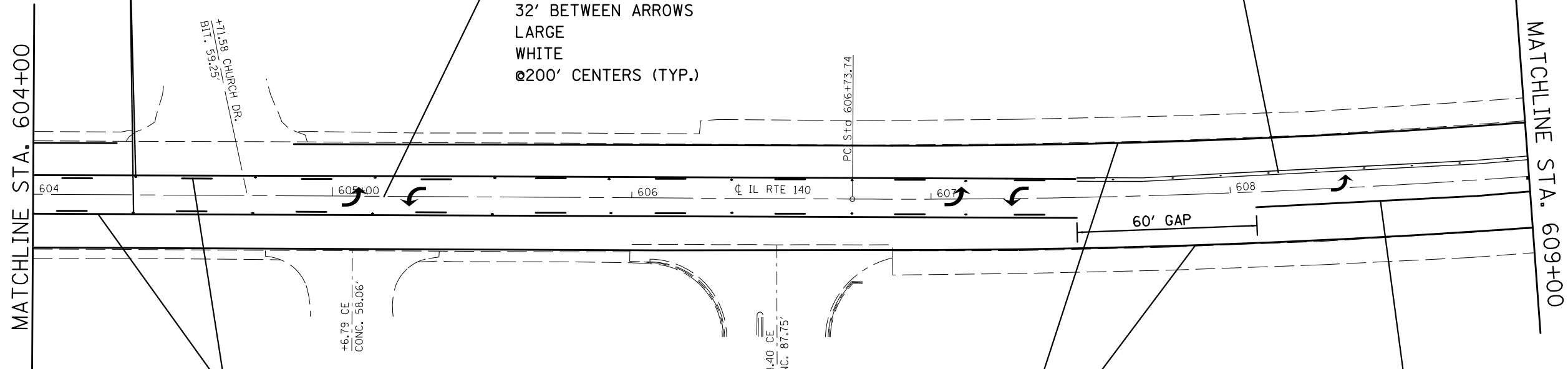


RAISED REFELCTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @40' CENTERS

TWO-WAY LEFT TURN LANE ARROWS (PAIR)
 32' BETWEEN ARROWS
 LARGE
 WHITE
 @200' CENTERS (TYP.)

MATCHLINE STA. 604+00

MATCHLINE STA. 609+00



THERMOPLASTIC PAVEMENT MARKING
 LINE - 4" &
 10' - 30' SKIP DASH
 YELLOW

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @40' CENTERS

+11.58 CHURCH DR.
 BITT. 59.25'

+6.79 CE
 CONC. 58.06'

+48.40 CE
 CONC. 87.75'

PCI Stg 606+73.74

60' GAP

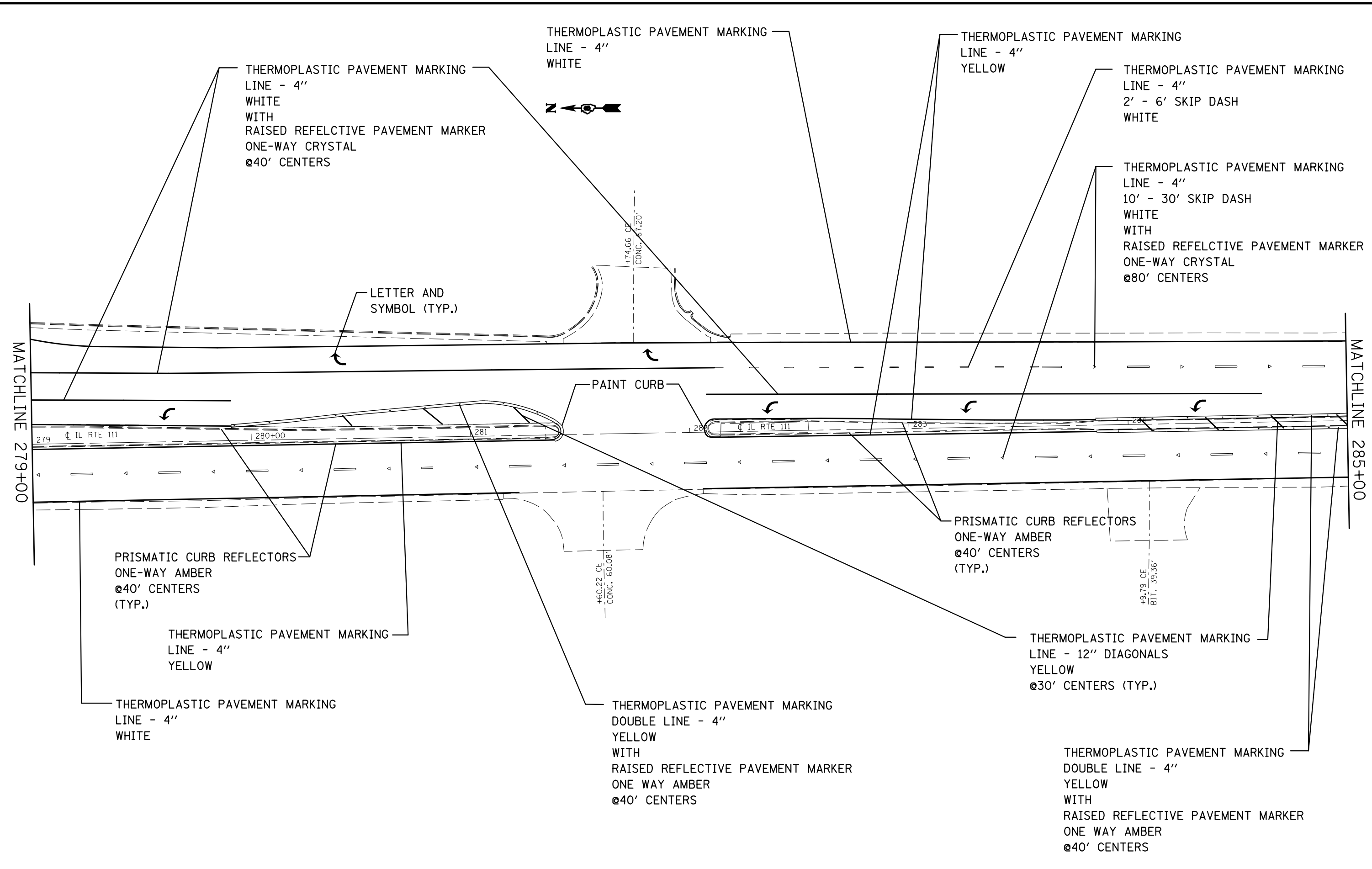
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PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 3/30/2012		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 140
 PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	25
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 111 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E85							
PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

THERMOPLASTIC PAVEMENT MARKING
 DOUBLE LINE - 4"
 YELLOW
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE WAY AMBER
 @40' CENTERS

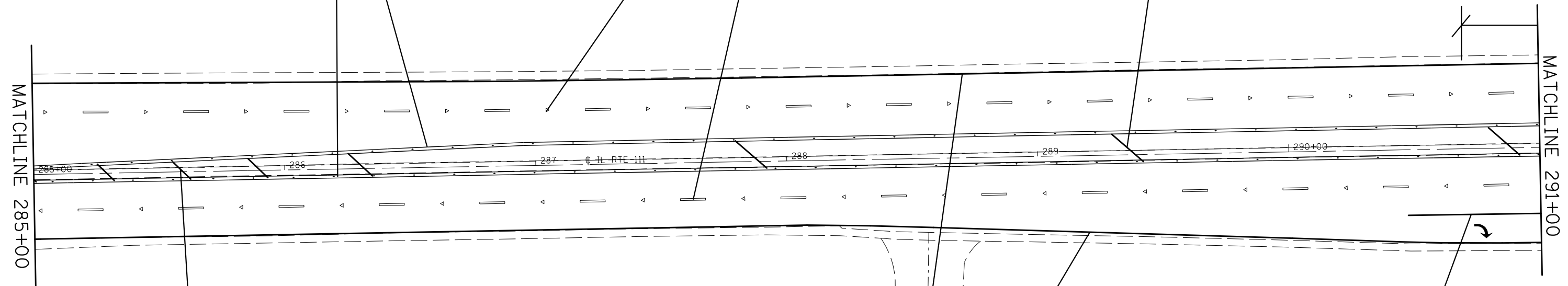
THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 10' - 30' SKIP DASH
 WHITE
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @80' CENTERS

THERMOPLASTIC PAVEMENT MARKING
 LINE - 12" DIAGONALS
 YELLOW
 @150' CENTERS (TYP.)

THERMOPLASTIC PAVEMENT MARKING
 LINE - 12" DIAGONALS
 YELLOW
 @30' CENTERS (TYP.)

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @40' CENTERS



FILE NAME =	USER NAME = chidsl	DESIGNED -	REVISED -
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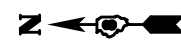
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 111
 PAVEMENT MARKING SHEET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	29
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

THERMOPLASTIC PAVEMENT MARKING
 LINE - 12" DIAGONALS
 YELLOW
 @30' CENTERS (TYP.)



RAISED REFLECTIVE PAVEMENT MARKER
 TWO WAY AMBER
 @4' CENTERS

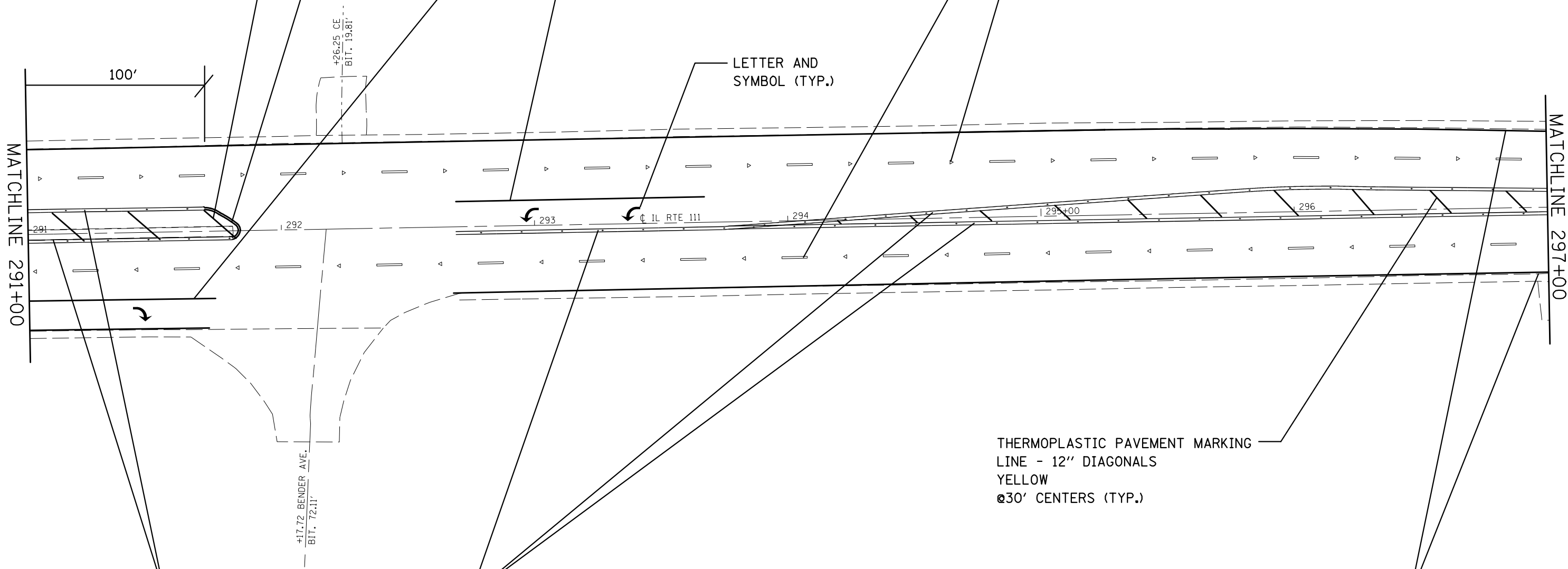
THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @40' CENTERS

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 10' - 30' SKIP DASH
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @80' CENTERS

LETTER AND
 SYMBOL (TYP.)

MATCHLINE 291+00

MATCHLINE 297+00



THERMOPLASTIC PAVEMENT MARKING
 DOUBLE LINE - 4"
 YELLOW
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE WAY AMBER
 @40' CENTERS

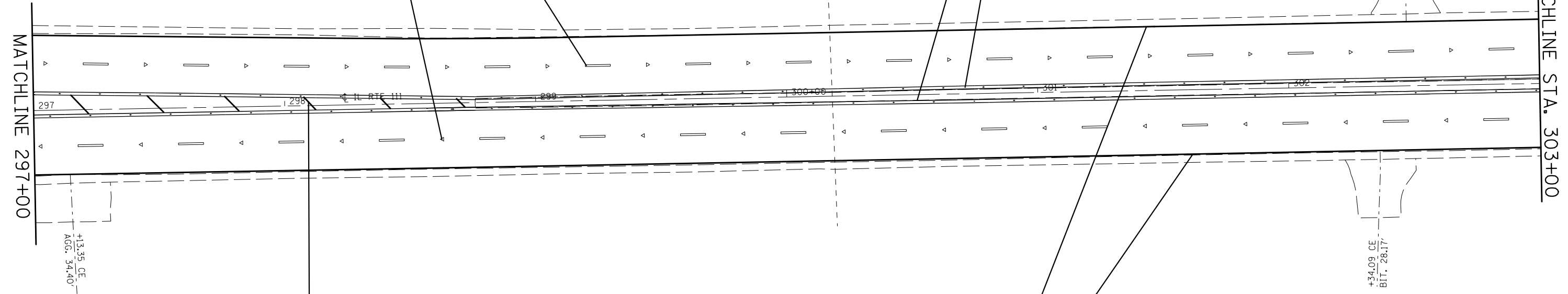
THERMOPLASTIC PAVEMENT MARKING
 LINE - 12" DIAGONALS
 YELLOW
 @30' CENTERS (TYP.)

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 111 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 10' - 30' SKIP DASH
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @80' CENTERS

THERMOPLASTIC PAVEMENT MARKING
 DOUBLE LINE - 4"
 YELLOW
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE WAY AMBER
 @40' CENTERS



MATCHLINE 297+00

MATCHLINE STA. 303+00

THERMOPLASTIC PAVEMENT MARKING
 LINE - 12" DIAGONALS
 YELLOW
 @30' CENTERS (TYP.)

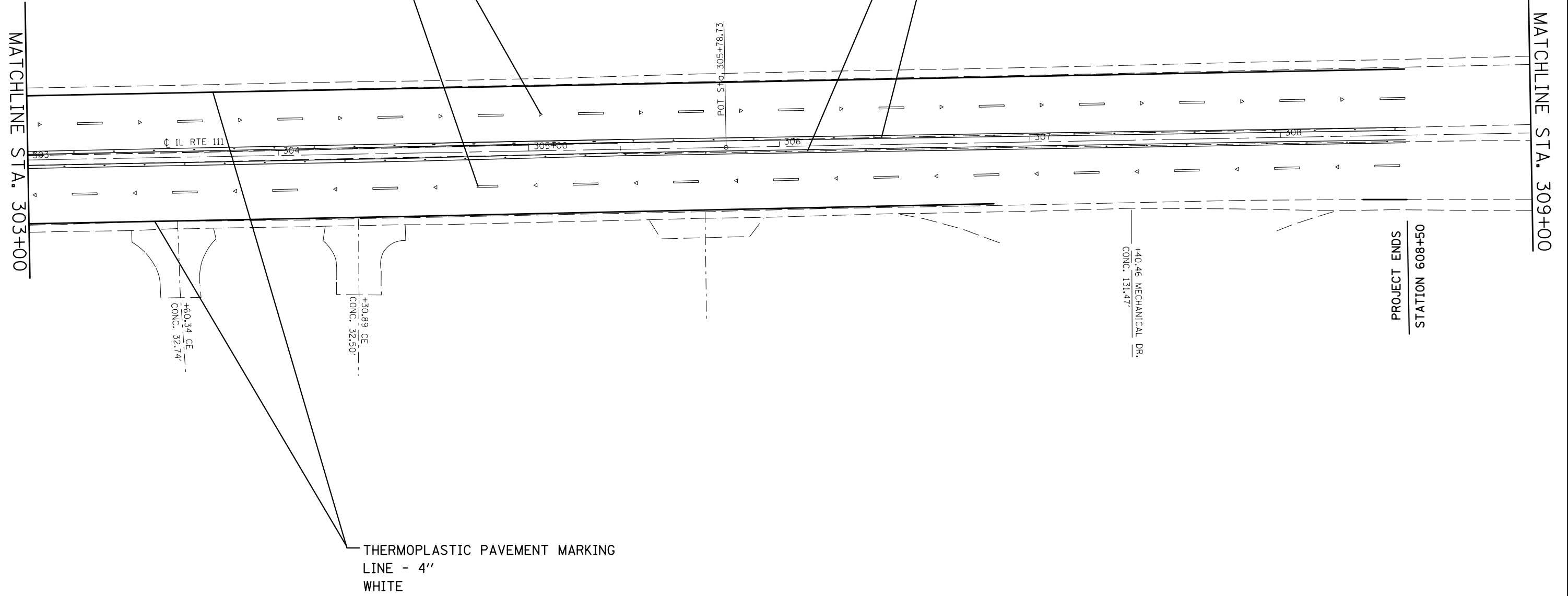
THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 WHITE

FILE NAME =	USER NAME = chidsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 111 PAVEMENT MARKING SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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		CHECKED -	REVISED -									CONTRACT NO. 76E85		
		DATE -	REVISED -									ILLINOIS FED. AID PROJECT		

THERMOPLASTIC PAVEMENT MARKING
 LINE - 4"
 10' - 30' SKIP DASH
 WHITE
 WITH
 RAISED REFELCTIVE PAVEMENT MARKER
 ONE-WAY CRYSTAL
 @80' CENTERS



THERMOPLASTIC PAVEMENT MARKING
 DOUBLE LINE - 4"
 YELLOW
 WITH
 RAISED REFLECTIVE PAVEMENT MARKER
 ONE WAY AMBER
 @40' CENTERS



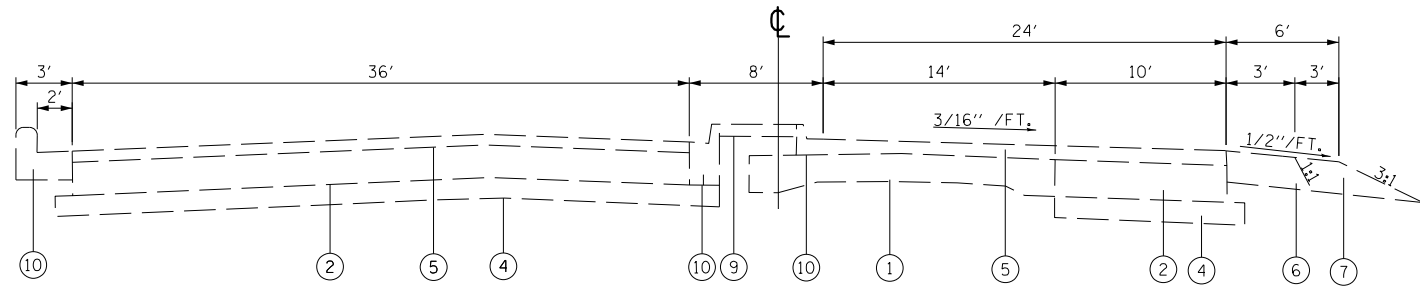
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 LINE - 4"
 WHITE

FILE NAME =	USER NAME = childsl	DESIGNED -	REVISED -
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	PLOT DATE = 3/30/2012	DATE -	REVISED -

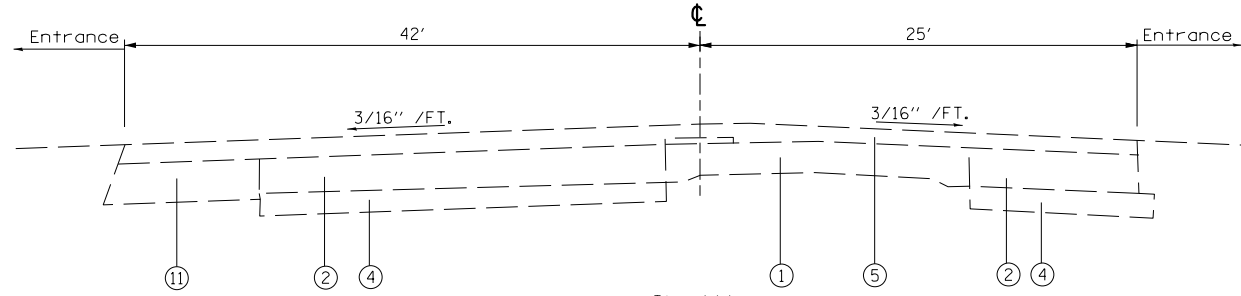
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

IL 111 PAVEMENT MARKING SHEET			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

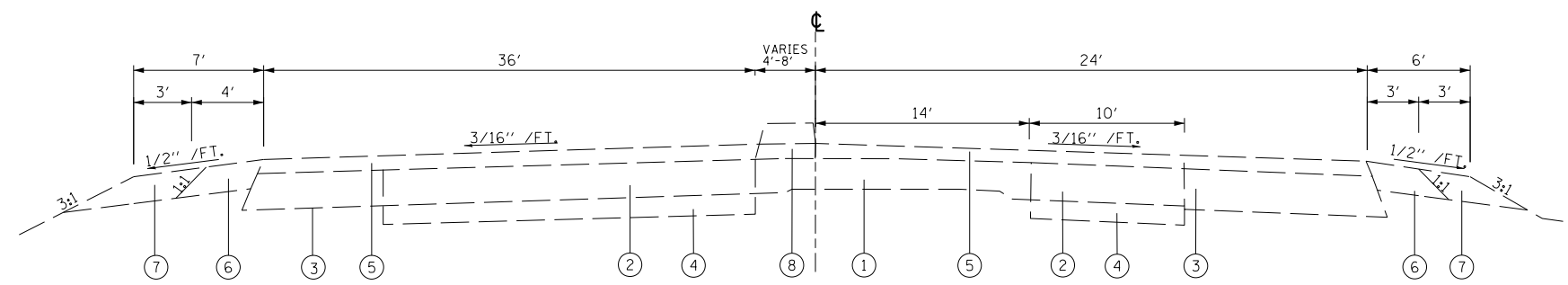
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



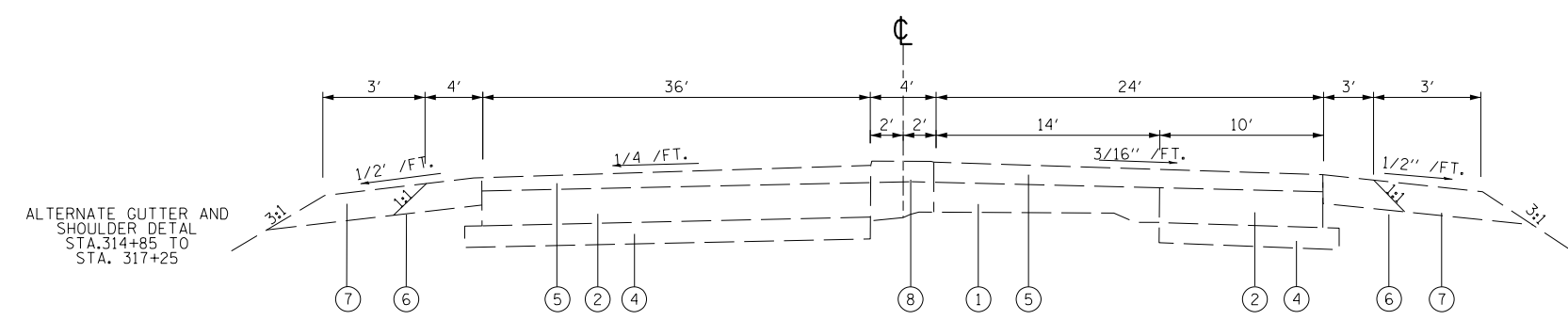
IL 111
STA. 278+38 TO STA. 281+41



IL 111
STA. 281+41 TO STA. 282+07



IL 111
STA. 282+07 TO STA. 283+85





IL 111
STA. 283+85 TO STA. 284+58

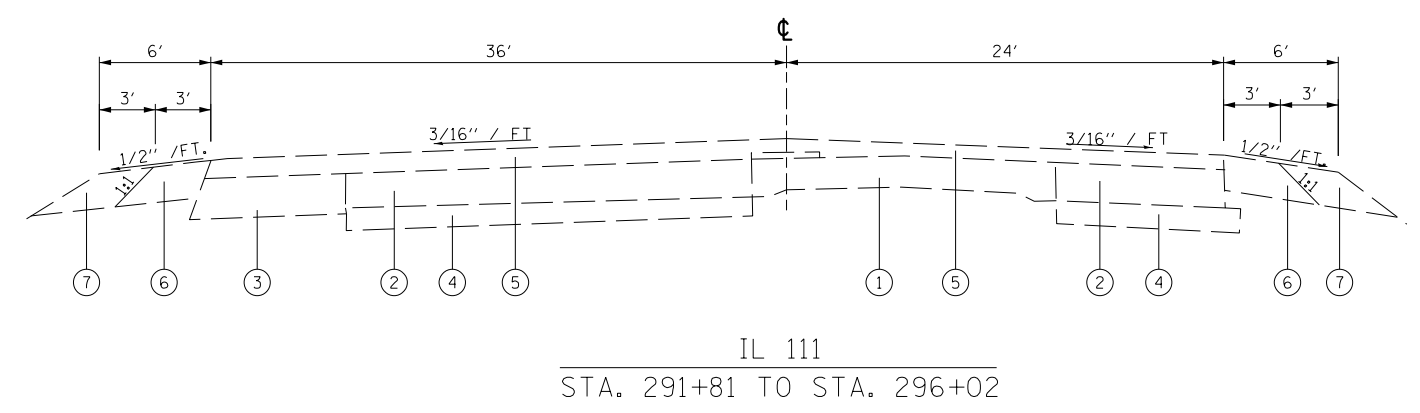
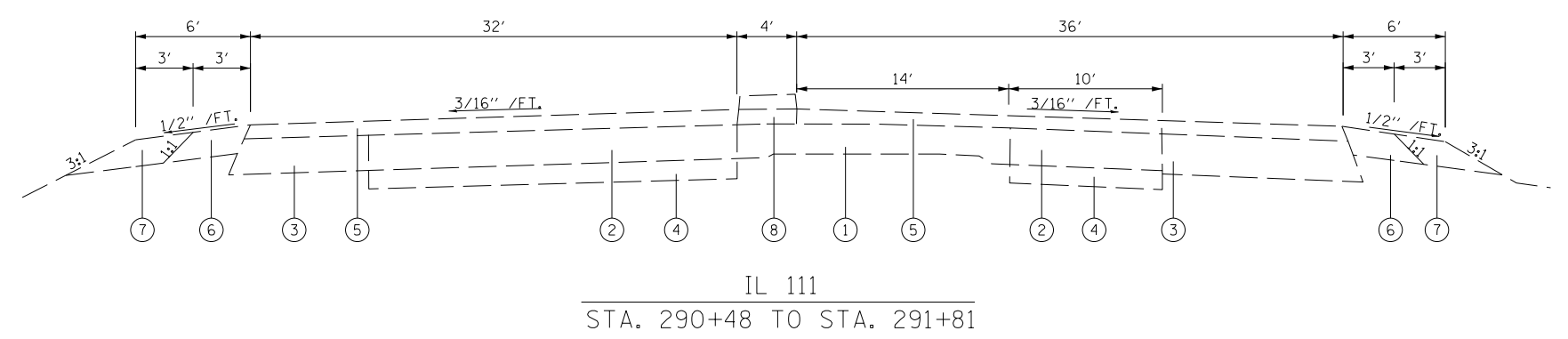
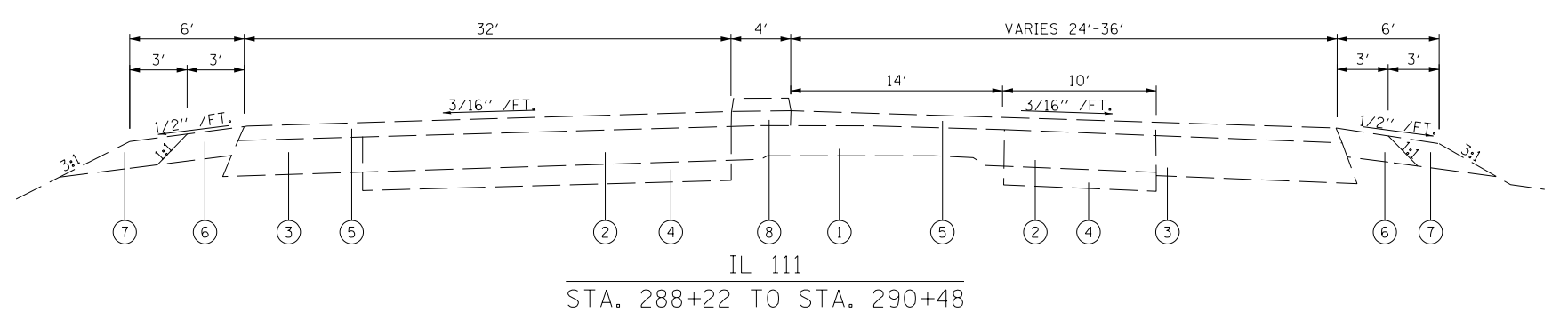
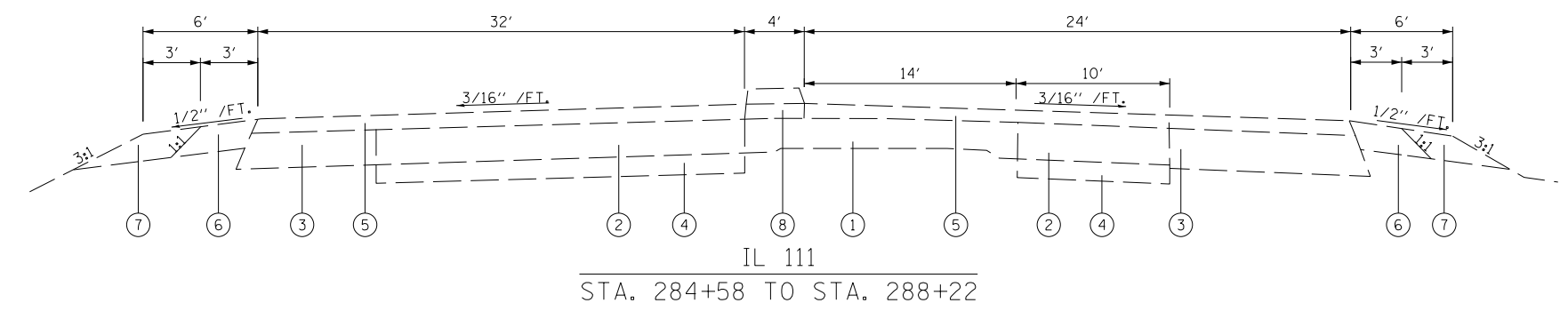
LEGEND

- ① ORIGINAL 18' P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING P.C.C. BASE COURSE, 9''
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2''
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3'' AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2''
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2''
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2''
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 3''
- ▨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2''

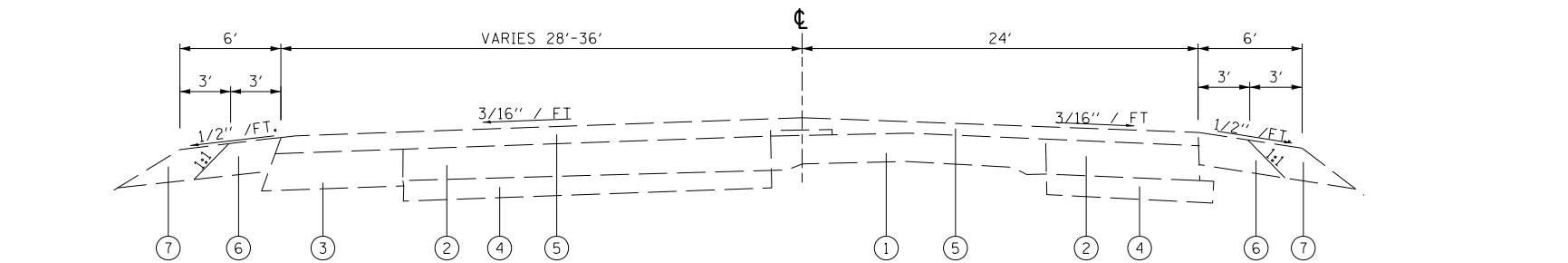
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et:\pwork\pwork\chids1\d0251881\d876e85-sht-plan2.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	33				
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 76E85				
PLOT DATE = 3/30/2012		DATE -	REVISED -						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

LEGEND

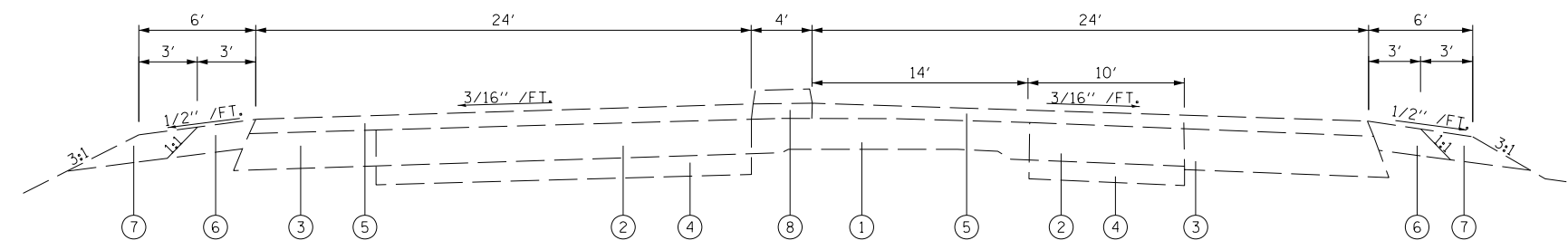
- ① ORIGINAL 18' P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING P.C.C. BASE COURSE, 9''
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2''
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3'' AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2''
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2''
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2''
-  PROPOSED HOT-MIX ASPHALT REMOVAL, 3''
-  PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2''



FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS IL 111	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/30/2012	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.		



IL 111
STA. 296+02 TO STA. 298+59

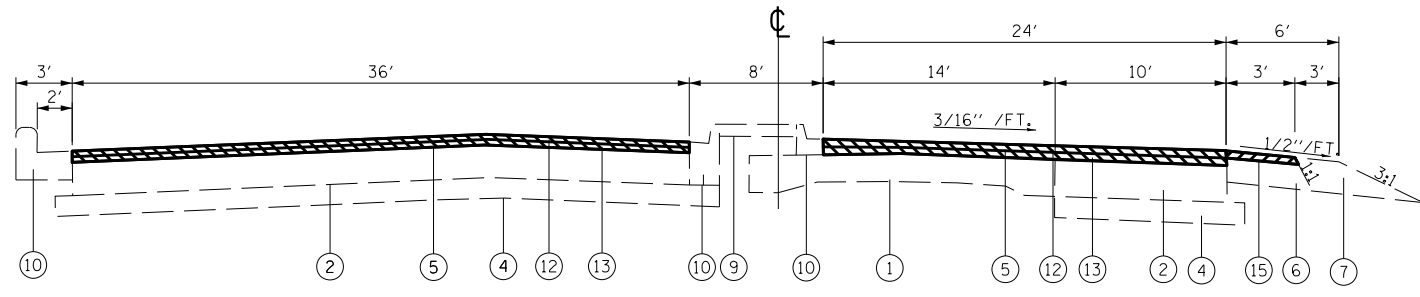


IL 111
STA. 298+59 TO STA. 305+36

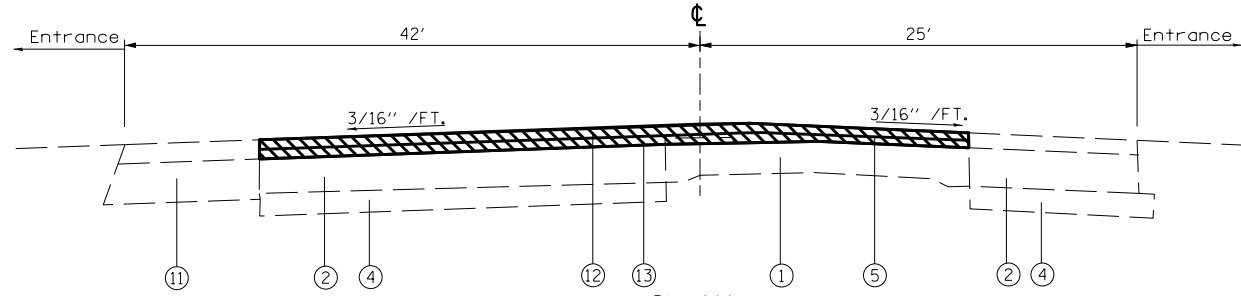
LEGEND

- ① ORIGINAL 18' P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING P.C.C. BASE COURSE, 9''
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2''
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3'' AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2''
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2''
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2''
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 3''
- ▨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2''

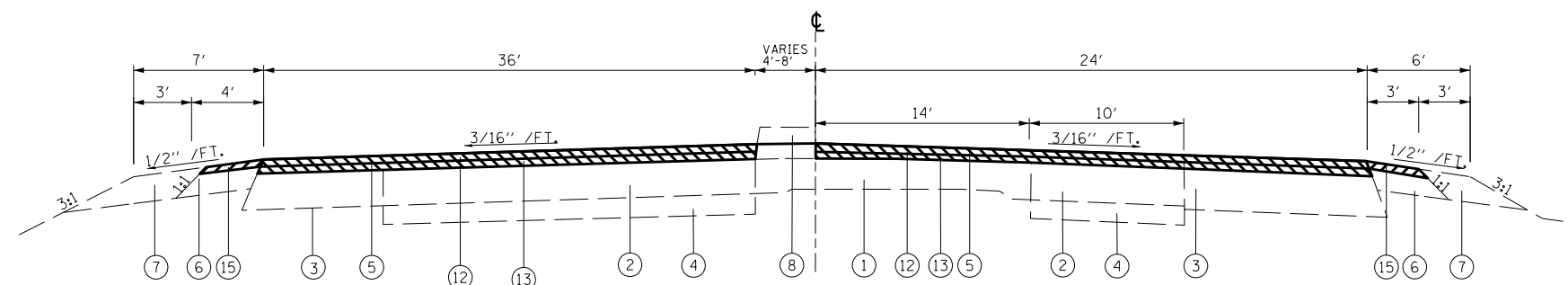
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et:\pw\work\p\dot\chids1\d0251881\d876e85-sht-plan2.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	35				
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E85								
PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



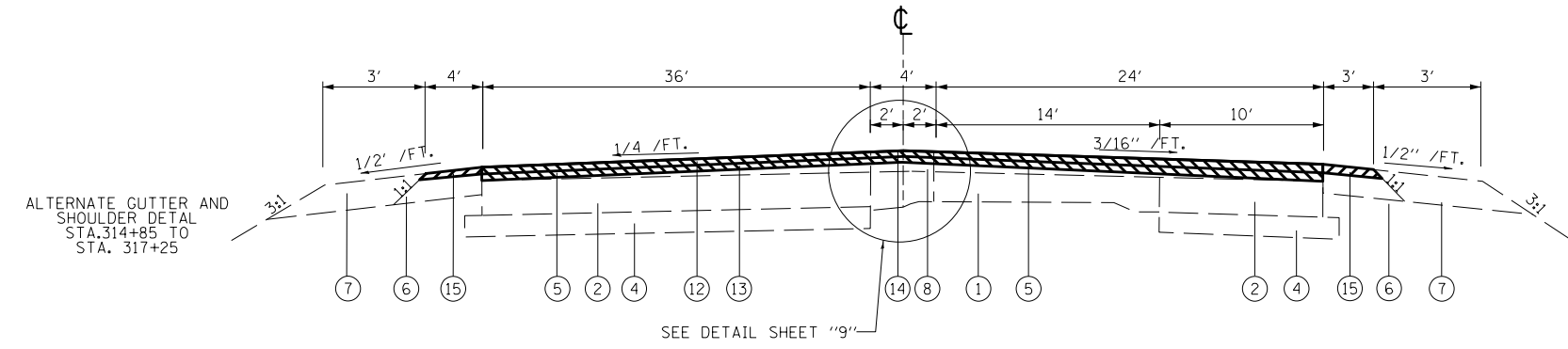
IL 111
STA. 278+38 TO STA. 281+41



IL 111
STA. 281+41 TO STA. 282+07



IL 111
STA. 282+07 TO STA. 283+85



IL 111
STA. 283+85 TO STA. 284+58

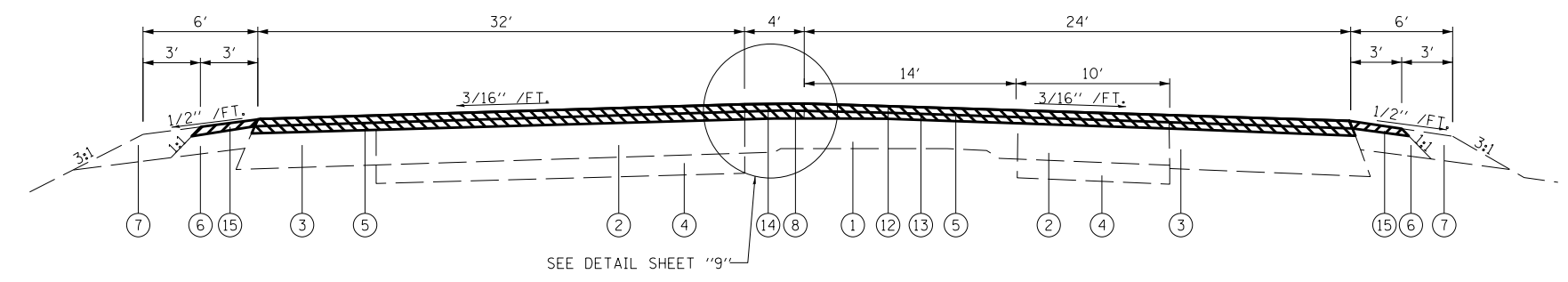
LEGEND

- ① ORIGINAL 18' P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING P.C.C. BASE COURSE, 9''
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2''
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3'' AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2''
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2''
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2''
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 3''
- ▨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2''

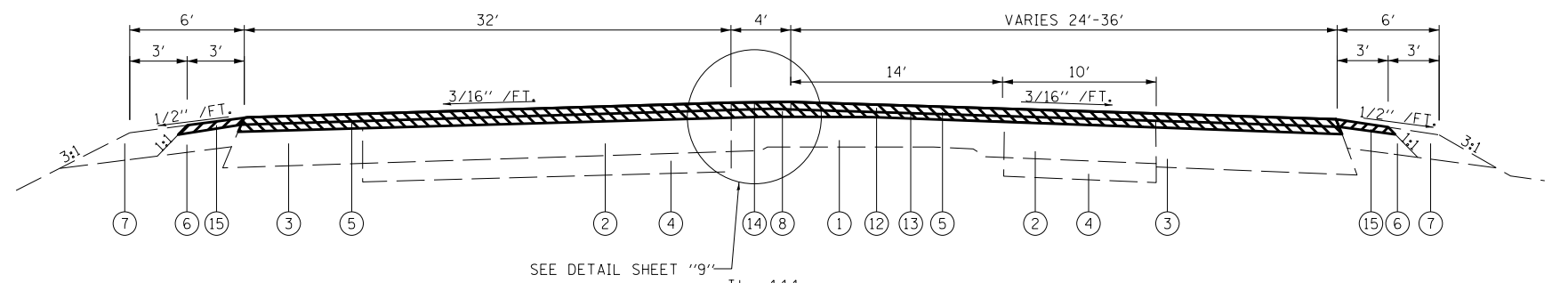
FILE NAME =	USER NAME = childsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS IL 111				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\childsl\d0251881\d876e85-sht-plan2.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	36				
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 76E85				
PLOT DATE = 3/30/2012		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

LEGEND

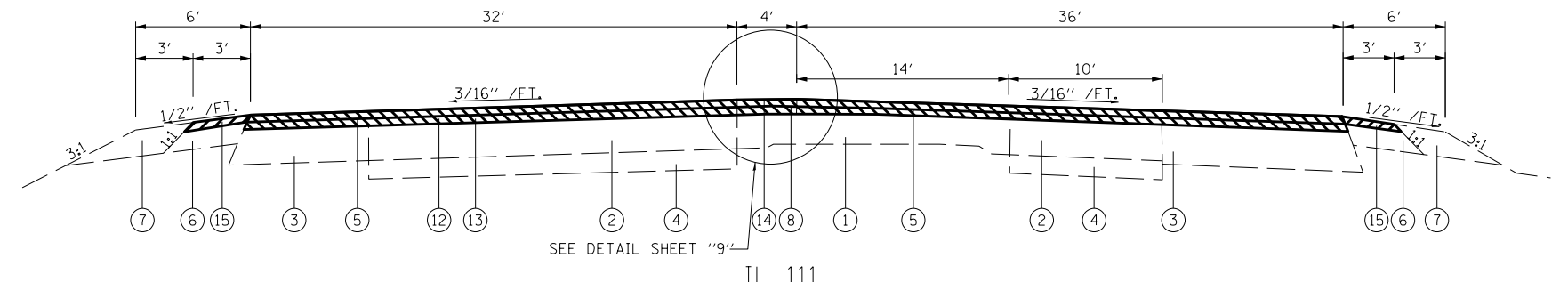
- ① ORIGINAL 18' P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING P.C.C. BASE COURSE, 9''
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2''
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3'' AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2''
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2''
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2''
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 3''
- ▩ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2''



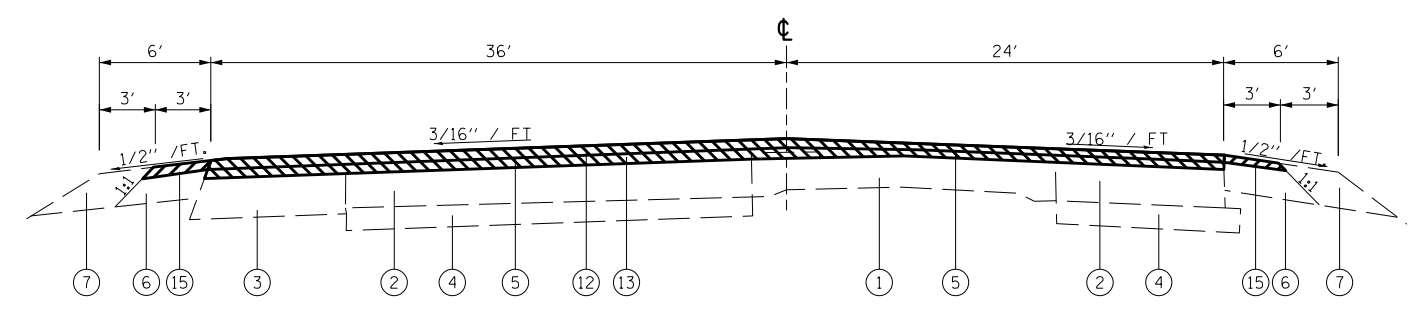
IL 111
STA. 284+58 TO STA. 288+22



IL 111
STA. 288+22 TO STA. 290+48

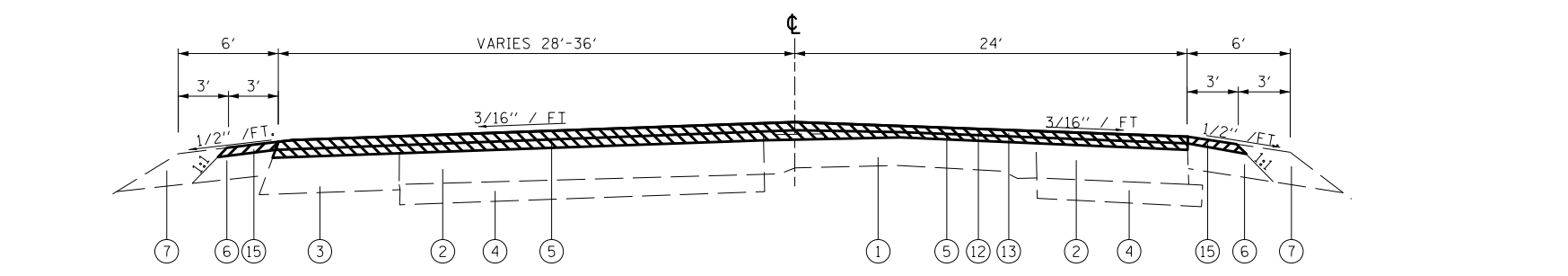


IL 111
STA. 290+48 TO STA. 291+81

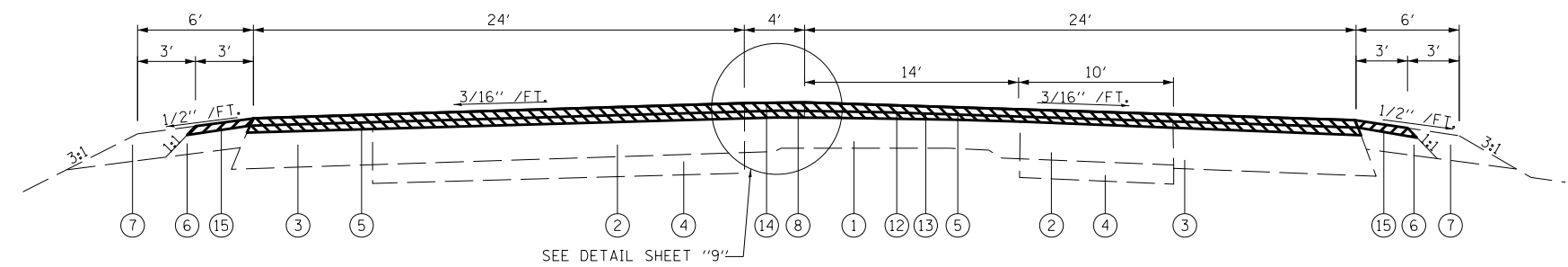


IL 111
STA. 291+81 TO STA. 296+02

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS IL 111				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -												
	PLOT DATE = 3/30/2012	DATE -	REVISED -												
											CONTRACT NO. 76E85		ILLINOIS FED. AID PROJECT		



IL 111
STA. 296+02 TO STA. 298+59

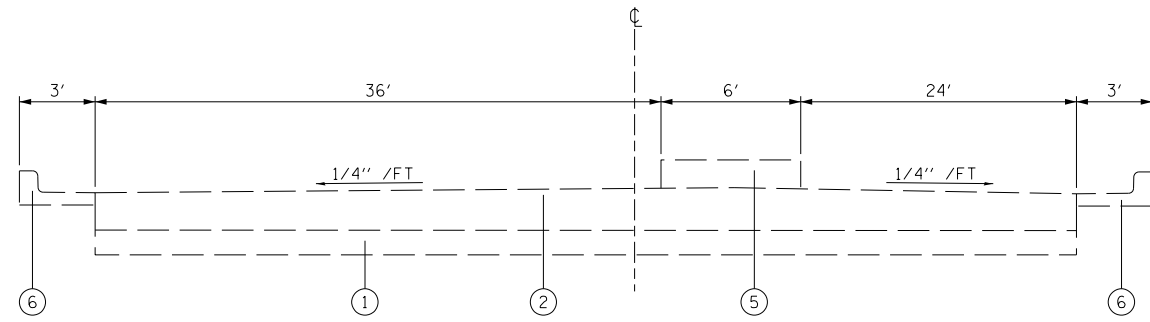


IL 111
STA. 298+59 TO STA. 305+36

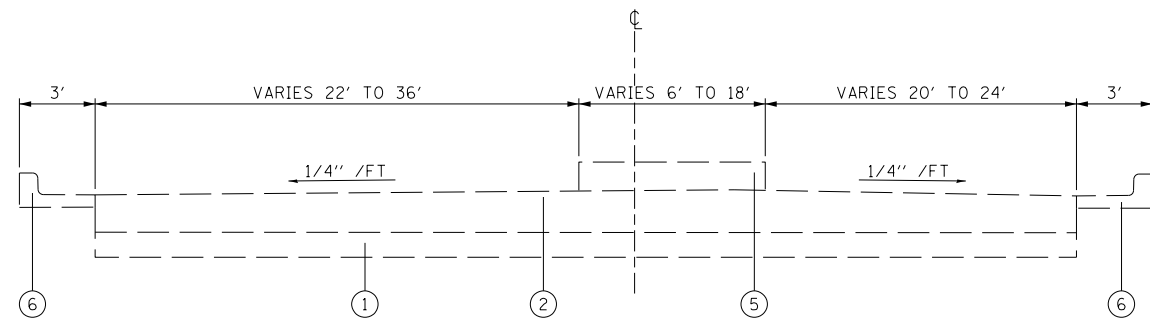
LEGEND

- ① ORIGINAL 18' P.C.C. PAVEMENT (9"-6"-9")
- ② EXISTING P.C.C. BASE COURSE, 9"
- ③ EXISTING BITUMINOUS BASE COURSE, 12 1/2"
- ④ EXISTING SUBBASE GRANULAR MATERIAL
- ⑤ EXISTING HMA OVERLAY, 3" AVG.
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER
- ⑧ EXISTING CONCRETE MEDIAN
- ⑨ EXISTING CONCRETE MEDIAN SURFACE
- ⑩ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑪ EXISTING PAVEMENT
- ⑫ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90 1 1/2"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 1/2"
- ⑭ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH
- ⑮ PROPOSED HOT-MIX ASPHALT SHOULDER 1 1/2"
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 3"
- ▨ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"

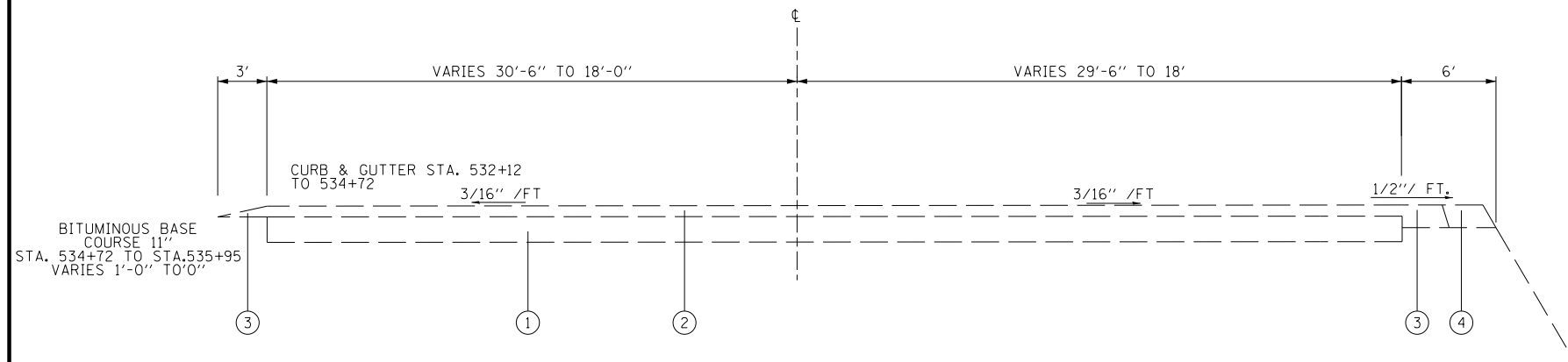
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et:\pw\work\p\dot\chids1\d0251881\d876e85-sht-plan2.dgn		DRAWN -	REVISED -		785	133RS-6	MADISON	54	38				
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 76E85				
PLOT DATE = 3/30/2012		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



IL 140
STA. 526+76 TO STA. 529+45



IL 140
STA. 529+45 TO STA. 532+12




IL 140
STA. 532+12 TO STA. 535+95

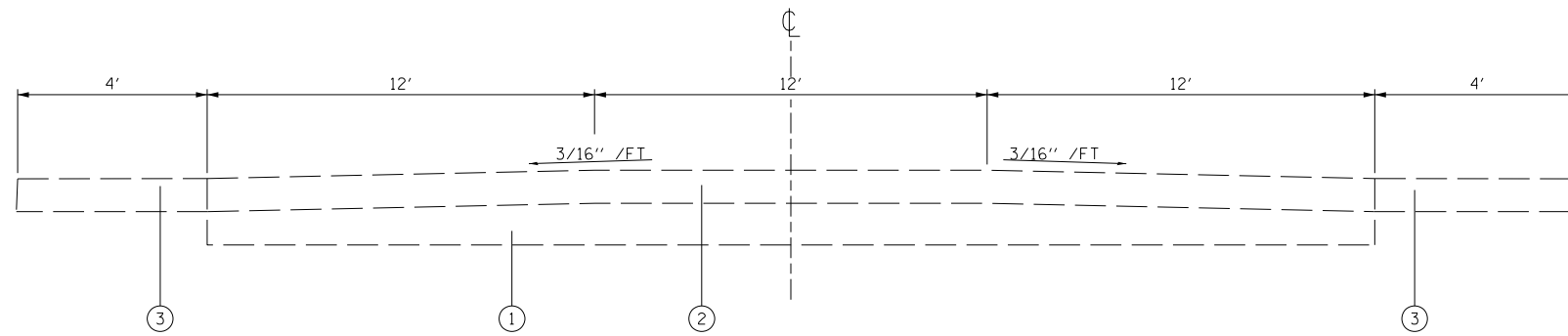
LEGEND

- ① ORIGINAL P.C.C. PAVEMENT
- ② EXISTING HMA OVERLAY, VARIES
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90, 3"
- ▨ PROPOSED HOT-MIX ASPHALT REMOVAL, 5"

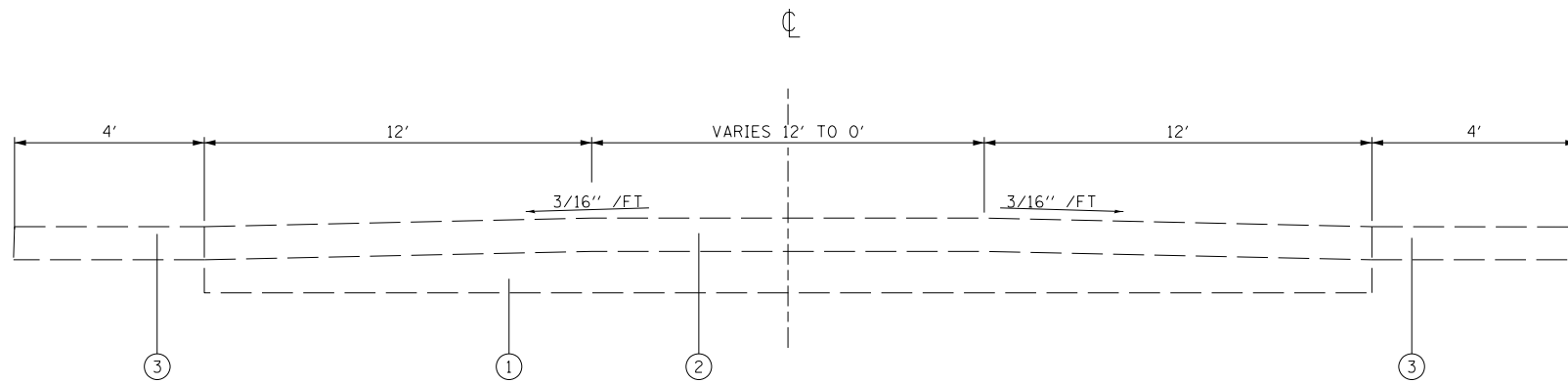
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	PLOT DATE = 3/30/2012	CHECKED -	REVISED -		CONTRACT NO. 76E85							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

LEGEND

- ① ORIGINAL P.C.C. PAVEMENT
- ② EXISTING HMA OVERLAY, VARIES
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90, 3"
-  PROPOSED HOT-MIX ASPHALT REMOVAL, 5"

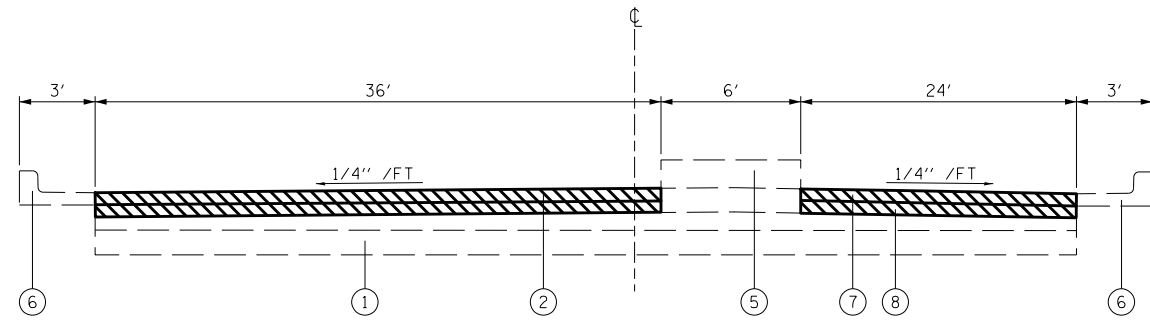


IL 140
STA. 535+95 TO STA. 614+00



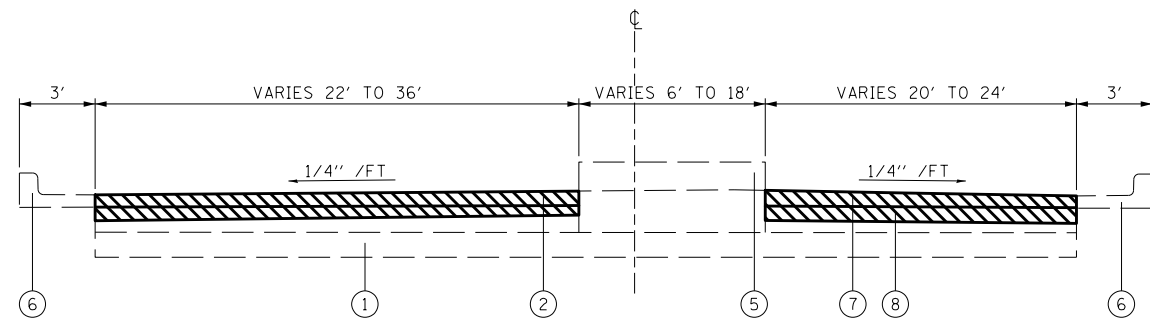
IL 140
STA. 614+00 TO STA. 617+22

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING TYPICAL SECTIONS IL 140				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/30/2012		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.			

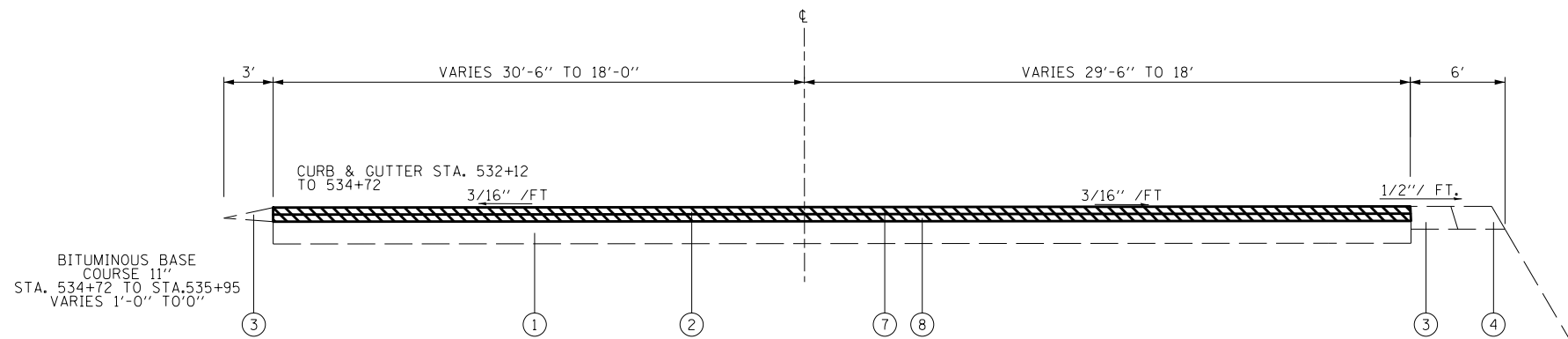


IL 140
STA. 526+76 TO STA. 529+45

- LEGEND**
- ① ORIGINAL P.C.C. PAVEMENT
 - ② EXISTING HMA OVERLAY, VARIES
 - ③ EXISTING BITUMINOUS SHOULDER
 - ④ EXISTING AGGREGATE SHOULDER
 - ⑤ EXISTING CONCRETE MEDIAN
 - ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER
 - ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
 - ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90, 3"
 - PROPOSED HOT-MIX ASPHALT REMOVAL, 5"




IL 140
STA. 529+45 TO STA. 532+12

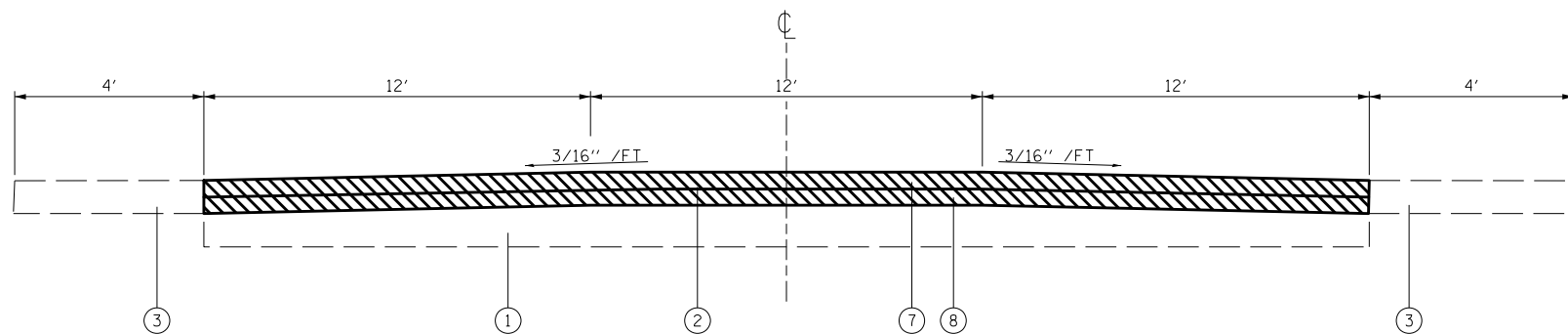


IL 140
STA. 532+12 TO STA. 535+95

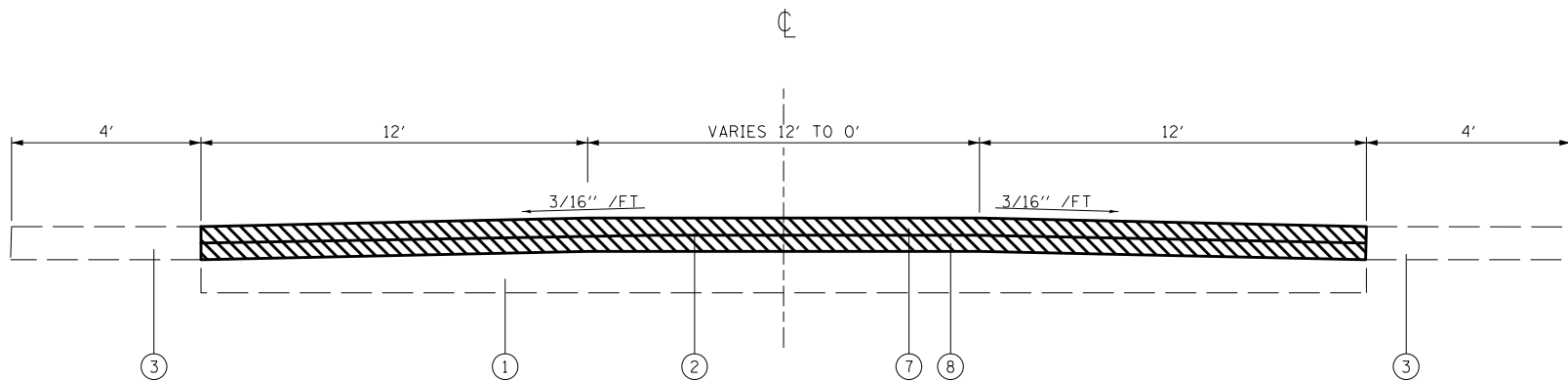
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E85								
PLOT DATE = 3/30/2012		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT							

LEGEND

- ① ORIGINAL P.C.C. PAVEMENT
- ② EXISTING HMA OVERLAY, VARIES
- ③ EXISTING BITUMINOUS SHOULDER
- ④ EXISTING AGGREGATE SHOULDER
- ⑤ EXISTING CONCRETE MEDIAN
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90, 2"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, FG, N90, 3"
-  PROPOSED HOT-MIX ASPHALT REMOVAL, 5"

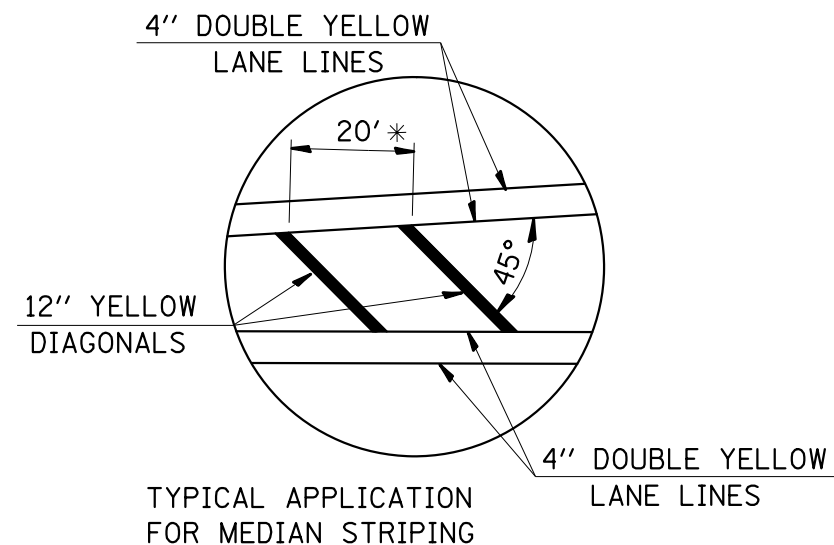


IL 140
STA. 535+95 TO STA. 614+00



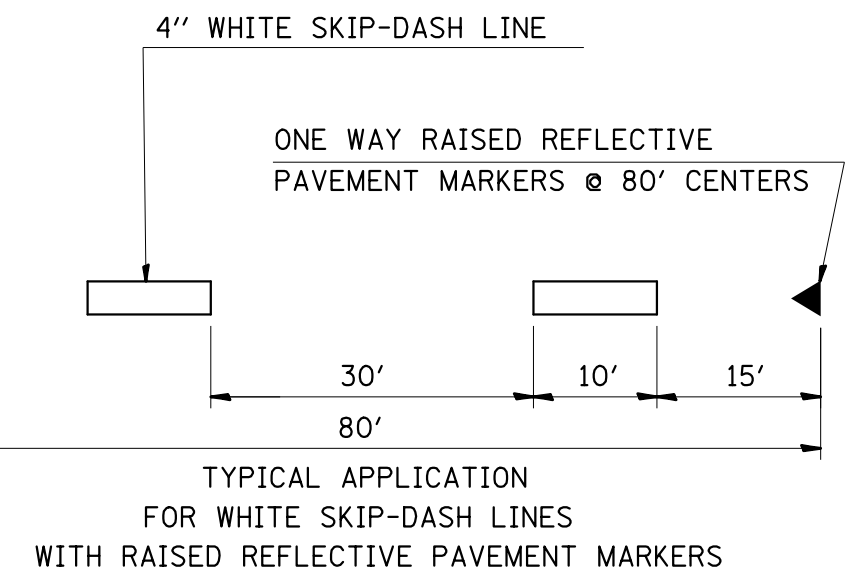
IL 140
STA. 614+00 TO STA. 617+22

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED TYPICAL SECTIONS IL 140				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

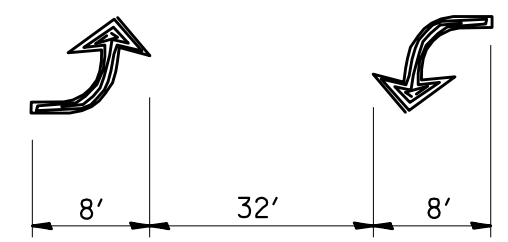


* 30' WHEN POSTED SPEED ≥ 45 MPH

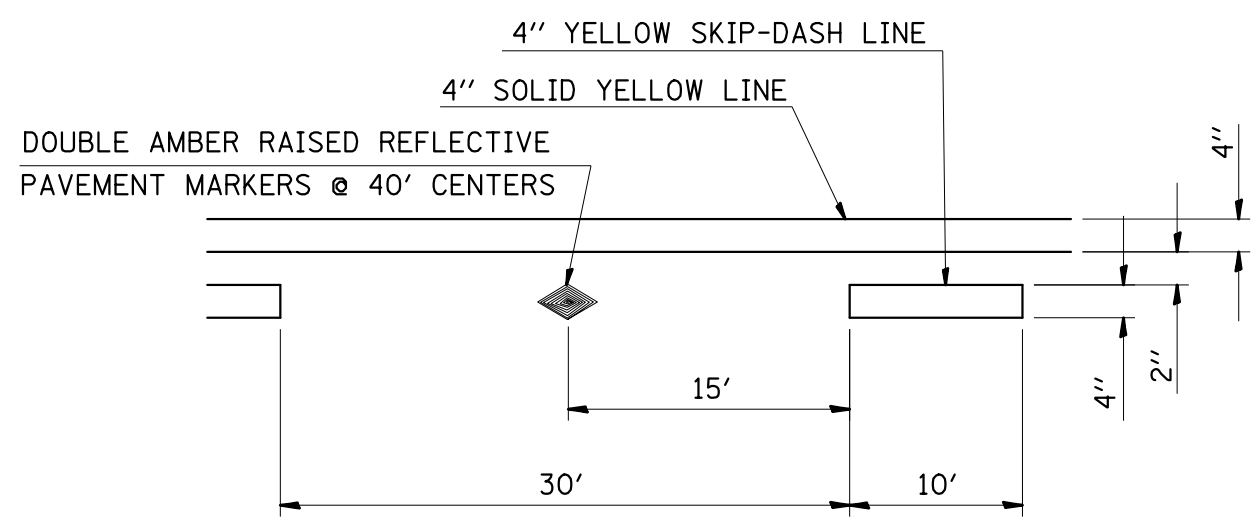
DETAIL 'A'



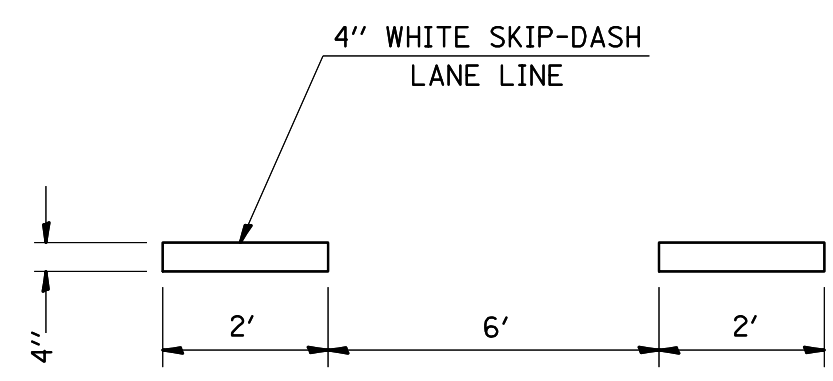
DETAIL 'C'



DETAIL 'E'



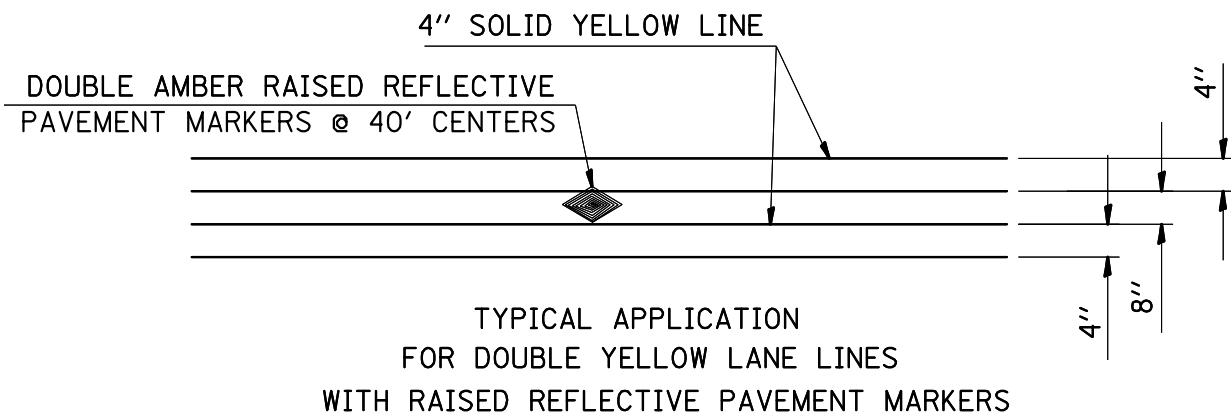
DETAIL 'D'



DETAIL 'F'

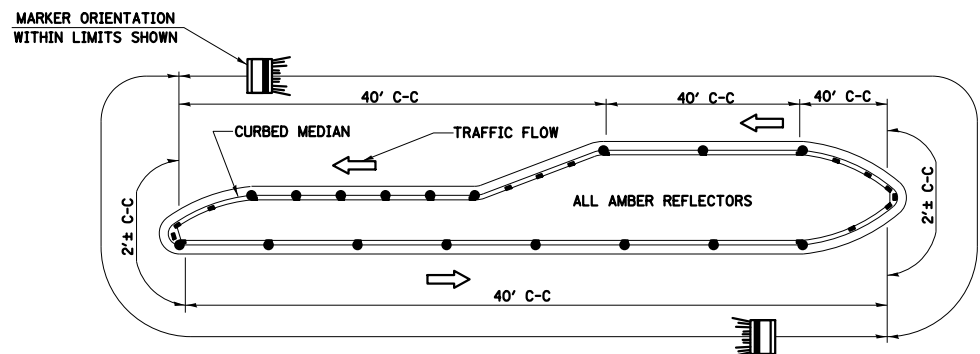
NOT TO SCALE

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	PLOT SCALE = 100.0000' / in.	CHECKED - MDP	REVISED -									
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											CONTRACT NO. 75E85	
											ILLINOIS FED. AID PROJECT	

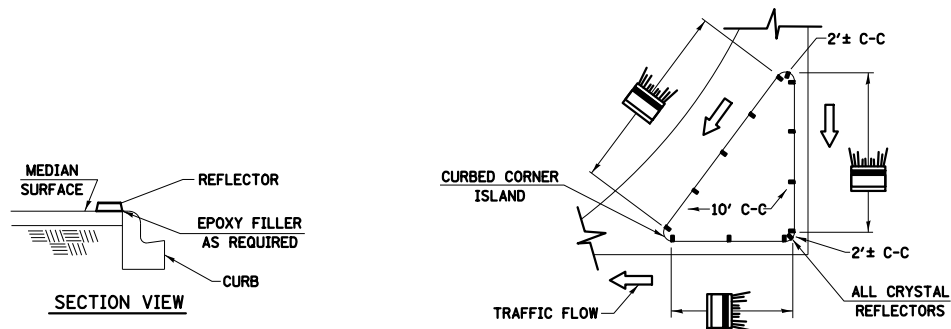


TYPICAL APPLICATION FOR DOUBLE YELLOW LANE LINES WITH RAISED REFLECTIVE PAVEMENT MARKERS

DETAIL 'B'

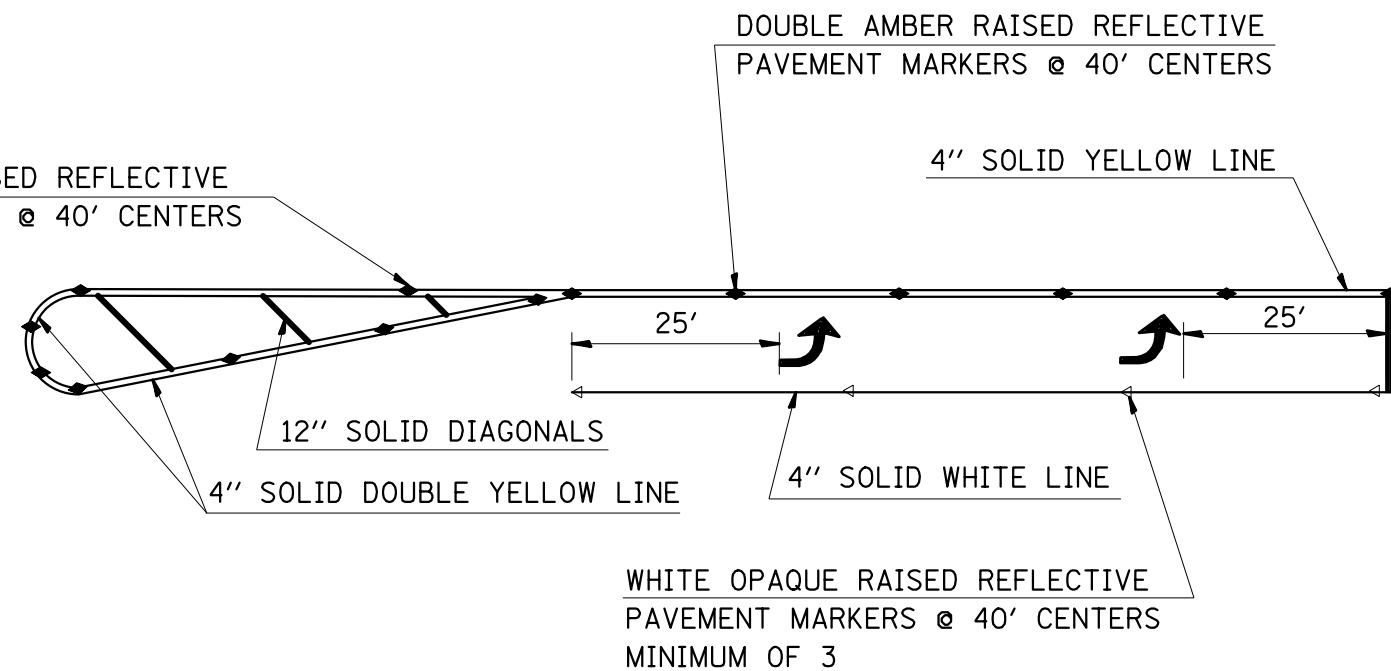


- NOTES**
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL AND POSITIONED SO THAT THE REFLECTIVE FACE IS FACING THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 3. PRISMATIC REFLECTORS SHALL BE EITHER AMBER OR CRYSTAL IN COLOR.



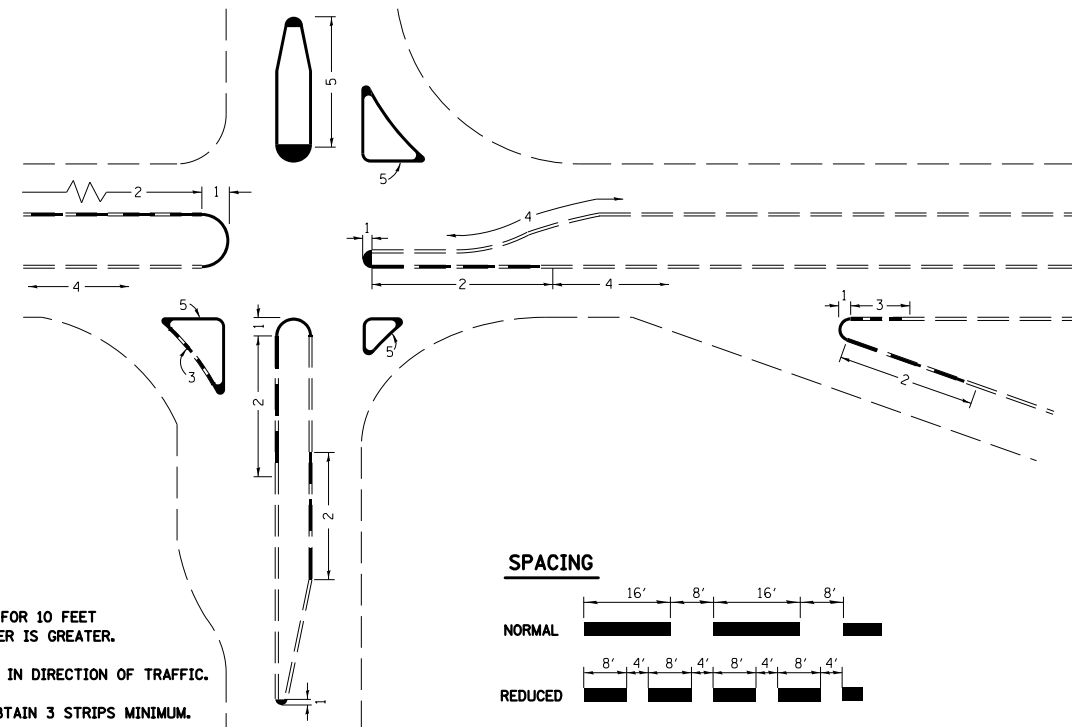
TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBS (NO SCALE)

SINGLE AMBER RAISED REFLECTIVE PAVEMENT MARKERS @ 40' CENTERS



TYPICAL APPLICATION FOR LEFT TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS

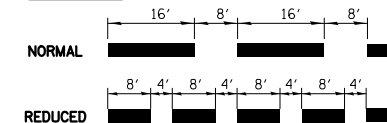
DETAIL 'F'



NOTES

1. PAINT CURB AND NOSE SOLID FOR 10 FEET OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPS MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

SPACING



CURB MARKING

NOT TO SCALE

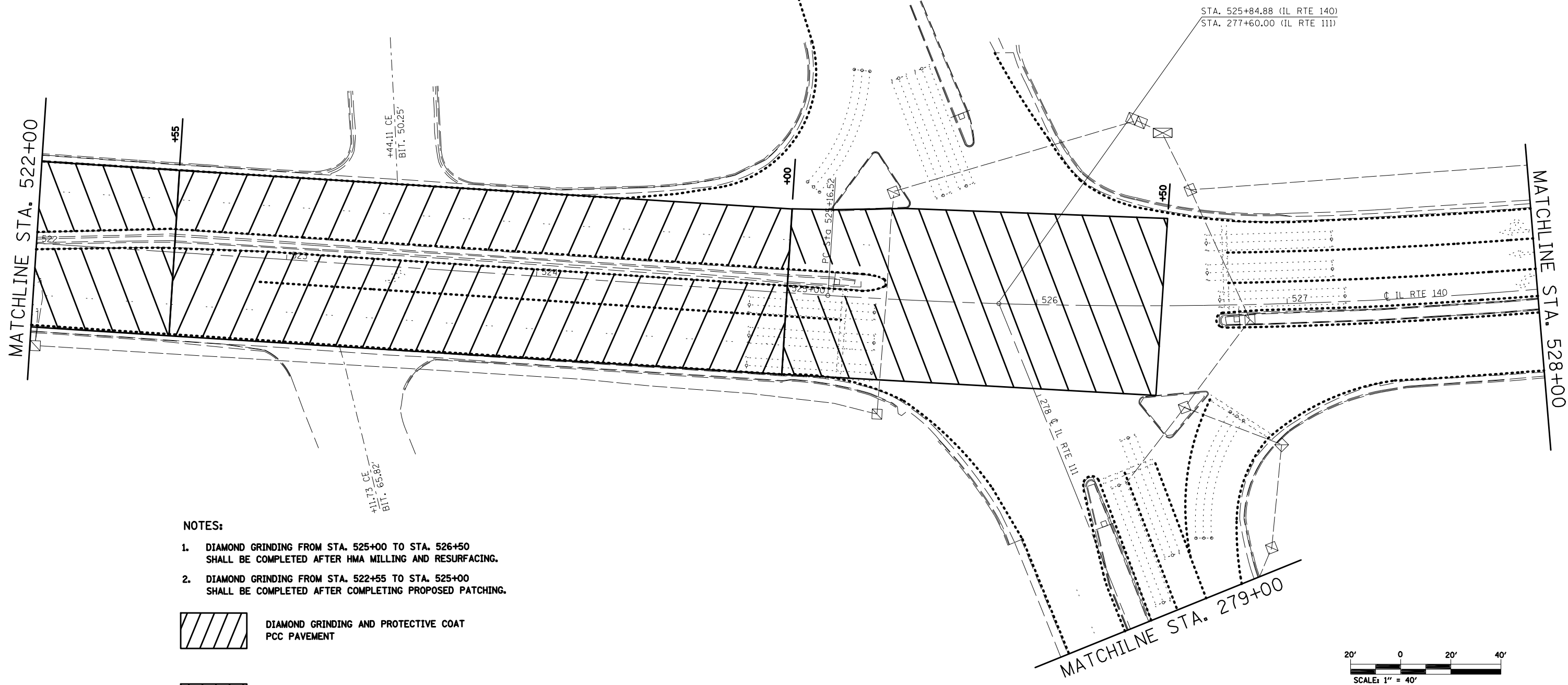
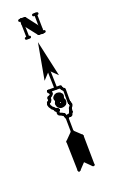
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	PLOT DATE = 3/30/2012	DATE - 3/20/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL SHEET

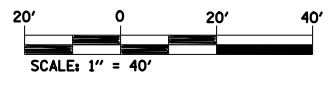
SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-1	MADISON	54	46
CONTRACT NO. 75E85				
ILLINOIS FED. AID PROJECT				



- NOTES:**
1. DIAMOND GRINDING FROM STA. 525+00 TO STA. 526+50 SHALL BE COMPLETED AFTER HMA MILLING AND RESURFACING.
 2. DIAMOND GRINDING FROM STA. 522+55 TO STA. 525+00 SHALL BE COMPLETED AFTER COMPLETING PROPOSED PATCHING.

	DIAMOND GRINDING AND PROTECTIVE COAT PCC PAVEMENT
	DIAMOND GRINDING HMA PAVEMENT



FILE NAME =	USER NAME = chids1	DESIGNED - GEL	REVISED -
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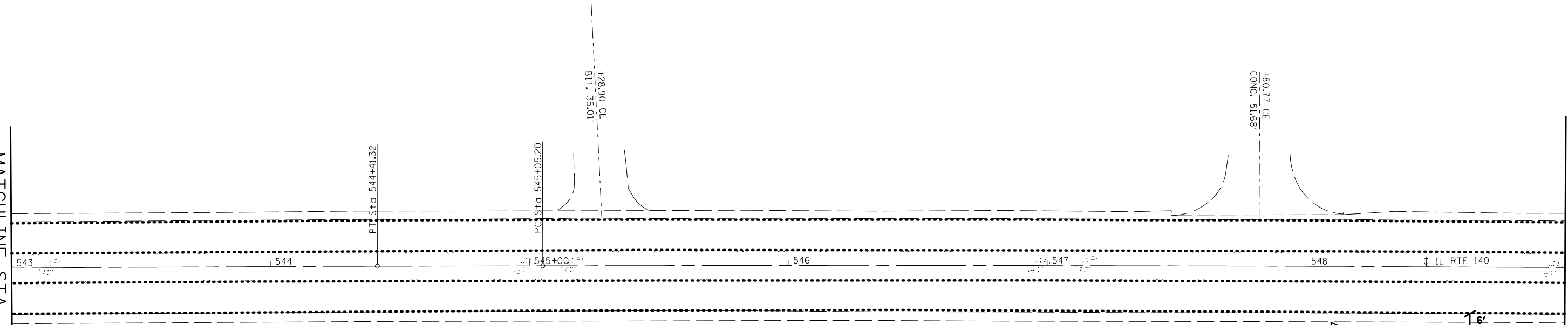
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIAMOND GRINDING PLAN SHEET			
SCALE:	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.

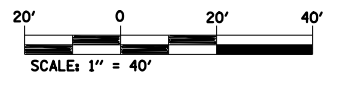
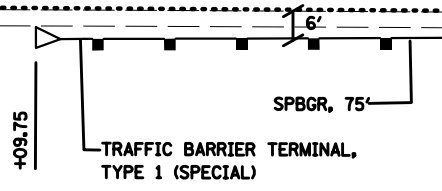
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
785	133RS-6	MADISON	54	48
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 543+00

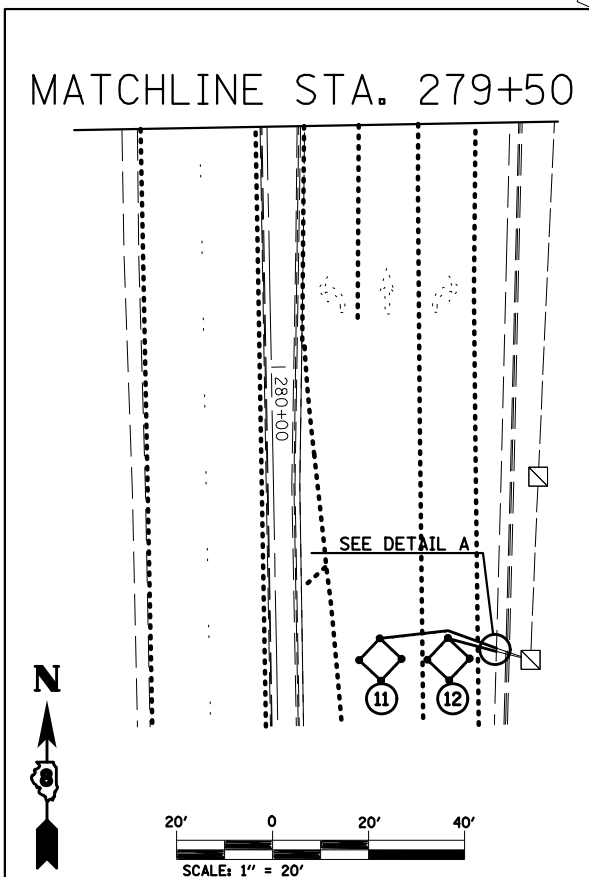
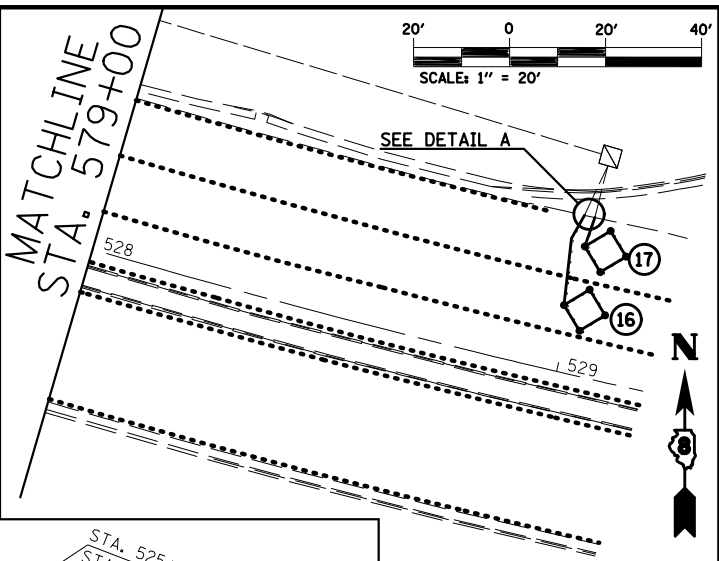
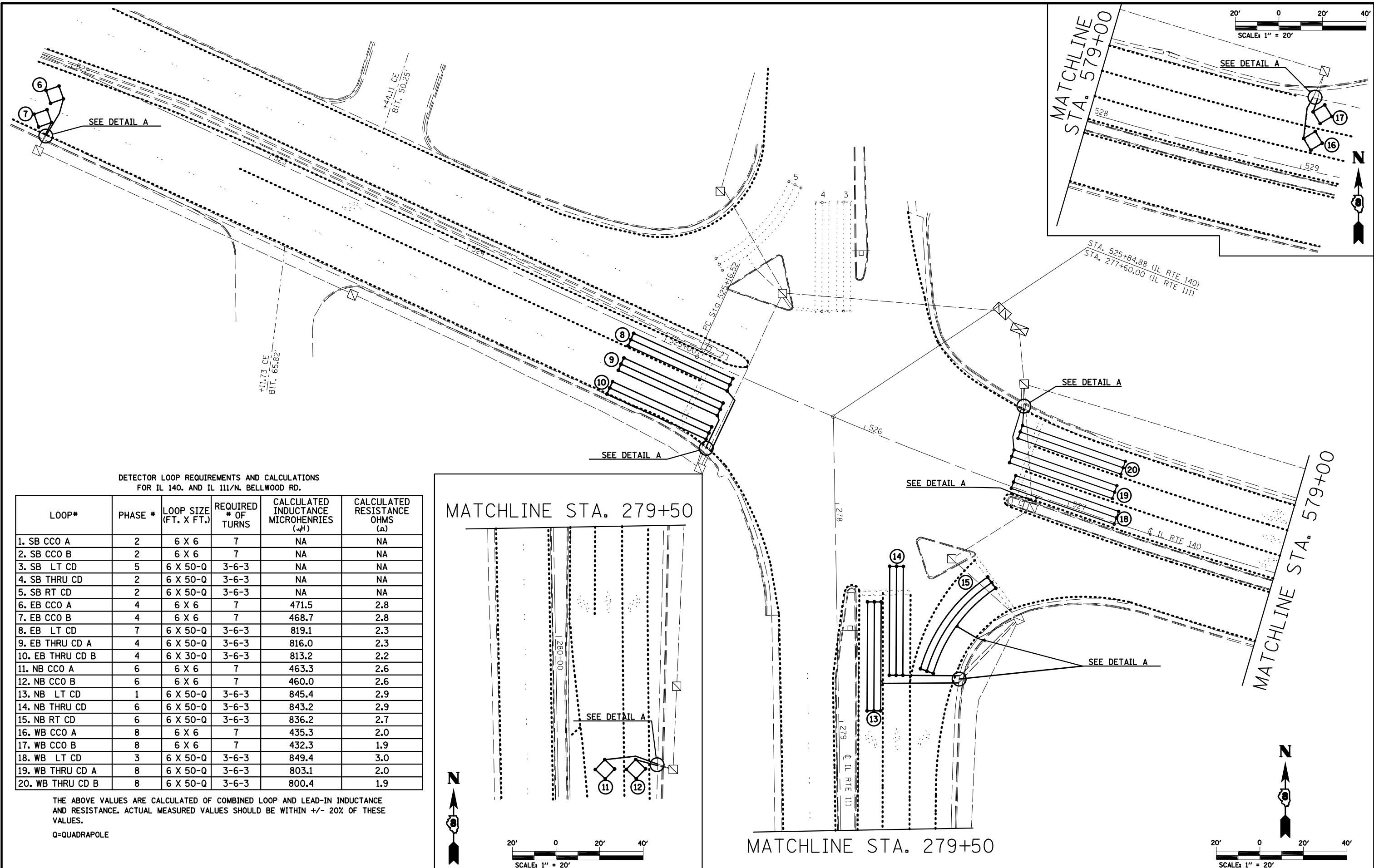
MATCHLINE STA. 549+00



EXIST. CURVE C3
 PI STA. = 547+62.07
 Δ = 0° 38' 14" (RT)
 D = 0° 07' 27"
 R = 46,187.47'
 T = 256.87'
 L = 513.74'
 E = 0.71'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 545+05.20
 P.T. STA. = 550+18.93



FILE NAME =	USER NAME = chids1	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\chids1\d8251881\d876e85-sht-plan.dgn		DRAWN - LAC	REVISED -		SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	785	133RS-6	MADISON	54	49
		CHECKED - MDP	REVISED -		CONTRACT NO. 76E85								
		DATE - 3/21/12	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								



DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 140, AND IL 111/N. BELLWOOD RD.

LOOP*	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. SB CCO A	2	6 X 6	7	NA	NA
2. SB CCO B	2	6 X 6	7	NA	NA
3. SB LT CD	5	6 X 50-Q	3-6-3	NA	NA
4. SB THRU CD	2	6 X 50-Q	3-6-3	NA	NA
5. SB RT CD	2	6 X 50-Q	3-6-3	NA	NA
6. EB CCO A	4	6 X 6	7	471.5	2.8
7. EB CCO B	4	6 X 6	7	468.7	2.8
8. EB LT CD	7	6 X 50-Q	3-6-3	819.1	2.3
9. EB THRU CD A	4	6 X 50-Q	3-6-3	816.0	2.3
10. EB THRU CD B	4	6 X 30-Q	3-6-3	813.2	2.2
11. NB CCO A	6	6 X 6	7	463.3	2.6
12. NB CCO B	6	6 X 6	7	460.0	2.6
13. NB LT CD	1	6 X 50-Q	3-6-3	845.4	2.9
14. NB THRU CD	6	6 X 50-Q	3-6-3	843.2	2.9
15. NB RT CD	6	6 X 50-Q	3-6-3	836.2	2.7
16. WB CCO A	8	6 X 6	7	435.3	2.0
17. WB CCO B	8	6 X 6	7	432.3	1.9
18. WB LT CD	3	6 X 50-Q	3-6-3	849.4	3.0
19. WB THRU CD A	8	6 X 50-Q	3-6-3	803.1	2.0
20. WB THRU CD B	8	6 X 50-Q	3-6-3	800.4	1.9

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE

FILE NAME =
 USER NAME = chids1
 DESIGNED -
 DRAWN -
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 3/30/2012

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
 IL 111
 SCALE: SHEET NO. OF SHEETS STA. TO STA.

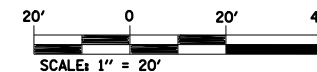
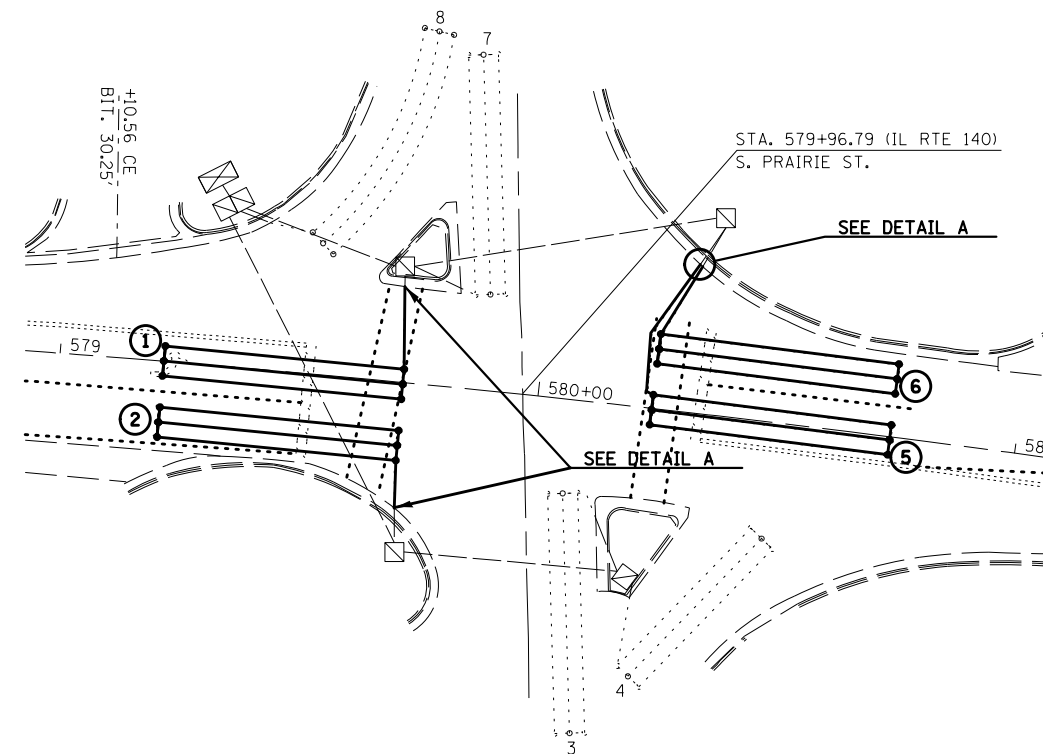
F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 133 RS -6 MADISON 54 51
 CONTRACT NO. 76E85
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS
FOR IL 140. AND S. PRAIRIE ST.

LOOP*	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. EB LT CD	1	6 X 50-Q	3-6-3	803.1	2.0
2. EB THRU CD	6	6 X 50-Q	3-6-3	812.1	2.2
3. NB THRU CD	4	6 X 50-Q	3-6-3	NA	NA
4. NB RT CD	4	6 X 40-Q	3-6-3	NA	NA
5. WB LT CD	5	6 X 50-Q	3-6-3	818.7	2.3
6. WB THRU CD	2	6 X 50-Q	3-6-3	815.6	2.3
7. SB THRU CD	3	6 X 50-Q	3-6-3	NA	NA
8. SB RT CD	3	6 X 50-Q	3-6-3	NA	NA

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE



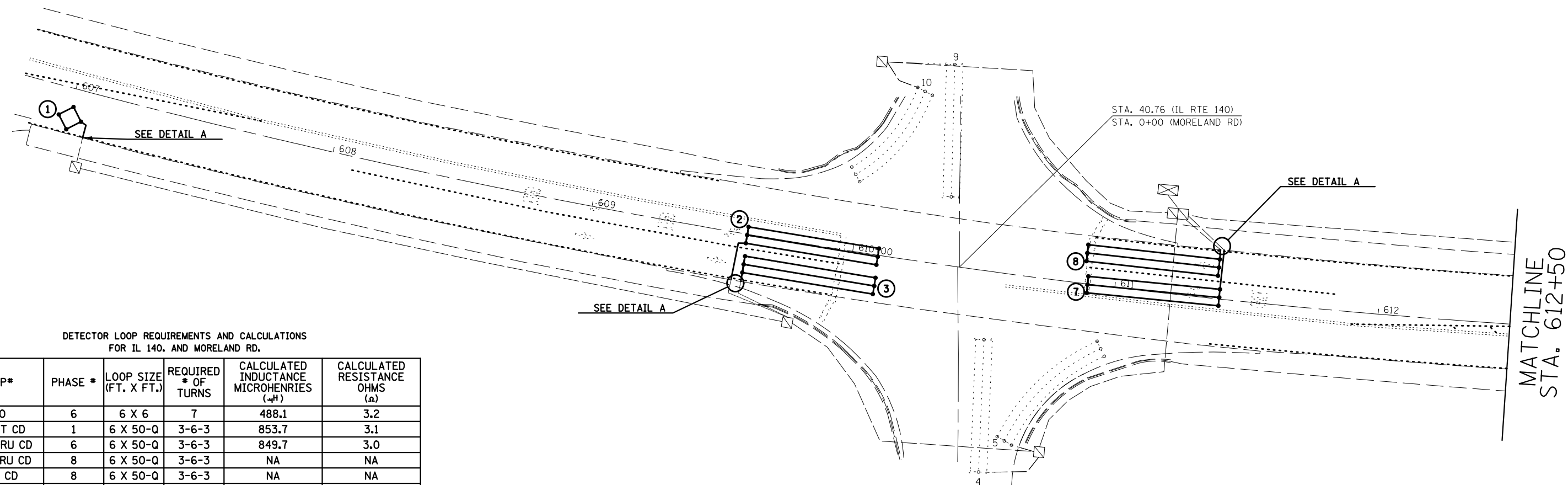
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/30/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
S. PRAIRIE ST.

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	133 RS -6	MADISON	54	52
CONTRACT NO. 76E85				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

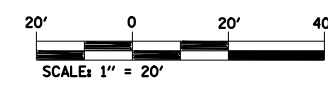
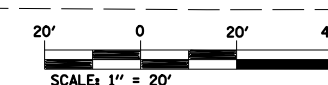
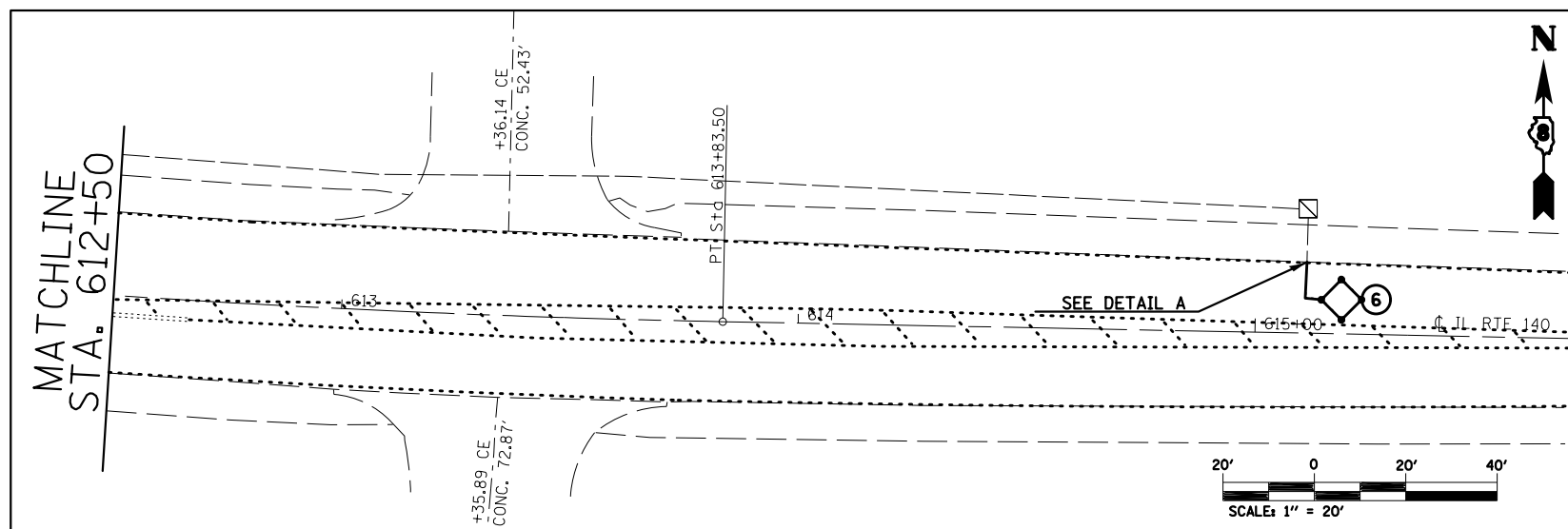


DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 140, AND MORELAND RD.

LOOP#	PHASE #	LOOP SIZE (FT. X FT.)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. WB CCO	6	6 X 6	7	488.1	3.2
2. WB LT CD	1	6 X 50-Q	3-6-3	853.7	3.1
3. WB THRU CD	6	6 X 50-Q	3-6-3	849.7	3.0
4. NB THRU CD	8	6 X 50-Q	3-6-3	NA	NA
5. NB RT CD	8	6 X 50-Q	3-6-3	NA	NA
6. EB CCO	2	6 X 6	7	461.2	2.6
7. EB LT CD	5	6 X 50-Q	3-6-3	798.5	1.9
8. EB THRU CD	2	6 X 50-Q	3-6-3	795.7	1.8
9. SB THRU CD	4	6 X 50-Q	3-6-3	NA	NA
10. SB RT CD	4	6 X 40-Q	3-6-3	NA	NA

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

Q=QUADRAPOLE



MATCHLINE STA. 612+50

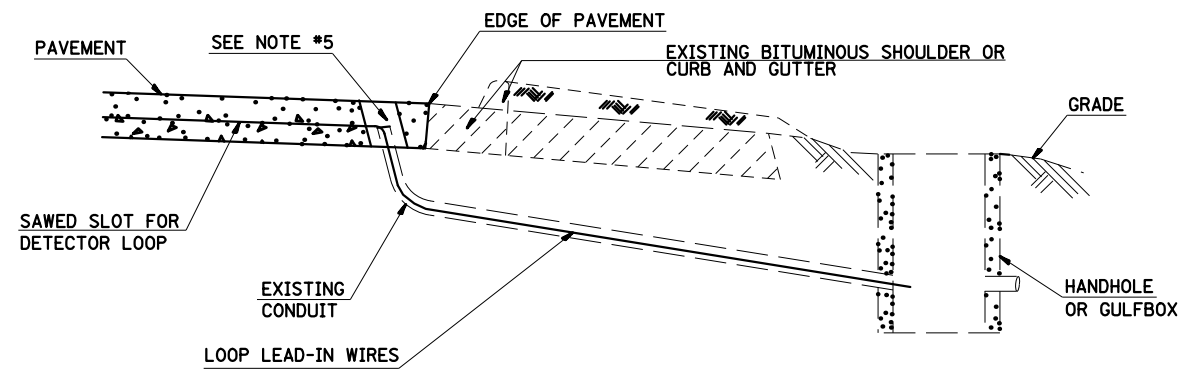
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et:\pw\work\p\midot\chids1\d0251881\d876e85-sh-t-TS.dgn	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					133 RS -6	MADISON	54	53	
	PLOT DATE = 3/30/2012	CHECKED -	REVISED -		CONTRACT NO. 76E85							
		DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						

NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "DETAIL A" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	IL 140 & IL 111	IL 140 & S. PRAIRIE	IL 140 & MORELAND
CODE NO	ITEM	UNIT				
80300100	LOCATING UNDERGROUND CABLE	FOOT	75	40	15	20
88600600	DETECTOR LOOP REPLACEMENT	FOOT	3320	1844	723	753




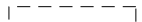

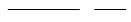

DETAIL A
(NO SCALE)

INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUIT

1. DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
2. REMOVE EXISTING DETECTOR LOOP WIRES TO HANDHOLE OR GULFBOX.
3. INSTALL NEW LOOP LEAD-IN WIRES IN EXISTING CONDUIT.
4. SPLICE NEW DETECTOR LOOP WIRES TO EXISTING LOOP LEAD-IN CABLE IN HANDHOLE OR GULFBOX.
5. FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.
6. LOCATING UNDERGROUND CABLE WILL BE PAID FOR SEPARATELY.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT"

DETECTOR LOOP REPLACEMENT LEGEND

-  EX. HANDHOLE
-  EX. DETECTOR LOOP
-  EX. TRAFFIC SIGNAL CONTROLLER
-  EXISTING CONDUIT
-  PROPOSED DETECTOR LOOP

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\chids1\d0251881\d876e85-sh-t-TS.dgn		DRAWN -	REVISED -		782,582	133 RS -6	MADISON	54	54
PLOT SCALE = 40.0000' / in.		CHECKED -	REVISED -		CONTRACT NO. 76E85				
PLOT DATE = 3/30/2012		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.