

URBAN

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SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	29	29				
25200110	SOODING, SALT TOLERANT	SO YD	29	29				
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	21	21				
40600300	AGGREGATE (PRIME COAT)	TON	102	102				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	39	39				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4, 75, N50	TON	1050	1050				
40600895	CONSTRUCTING TEST STRIP	EACH	2	2				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	331	331				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	135	135				
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	2500	2500				
42001300	PROTECTIVE COAT	SO YD	60	60				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	12	12				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE				
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	23966	23966				
44000600	SIDEWALK REMOVAL	SO FT	12	12				
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	590	590				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	461	461				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	20	20				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	29	29				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	5	5				
60406000	FRAMES AND LIDS, TYPE I, OPEN LID	EACH	3	3				
60406100	FRAMES AND LIDS, TYPE I, CLOSED LID	EACH	4	4				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2850	2850				

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**US ROUTE 14 (LUTHER LANE TO E0 GREENWOOD AVE.)
SUMMARY OF QUANTITIES**

F.A. RTE. 1324	SECTION 2010-094-RS	COUNTY COOK	TOTAL SHEETS 22	SHEET NO. 3
CONTRACT NO. 60L93				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Rev 4-10-13

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SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	472	472					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	11,113	11,113					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2530	2530					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1405	1405					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	343	343					
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	320	320					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	472	472					
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	11,113	11,113					
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2530	2530					
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1405	1405					
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	343	343					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	250	250					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	244	244					
88600600	DETECTOR LOOP REPLACEMENT	FOOT	1894	1894					

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 100% STATE					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	30	30					
20004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	520	520					
20018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	45	45					
20030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4					
44003510	MEDIAN REMOVAL, PARTIAL DEPTH	SQ FT	13,200	13,200					
* SPECIALTY ITEMS									

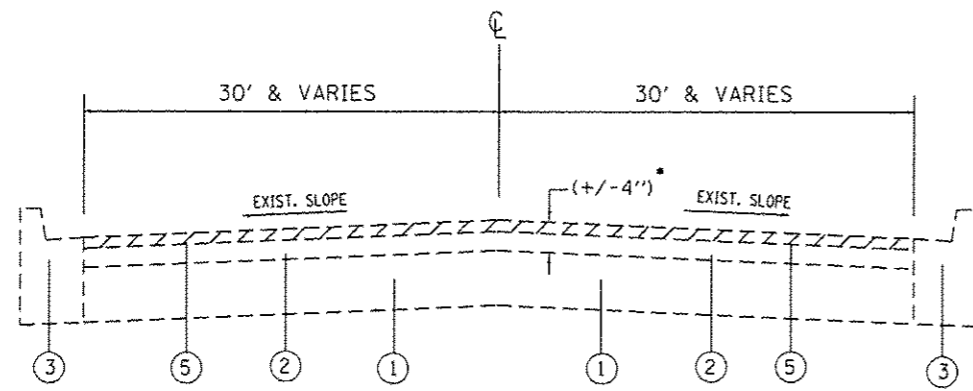
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

US ROUTE 14 (LUTHER LANE TO E/O GREENWOOD AVE.)
SUMMARY OF QUANTITIES

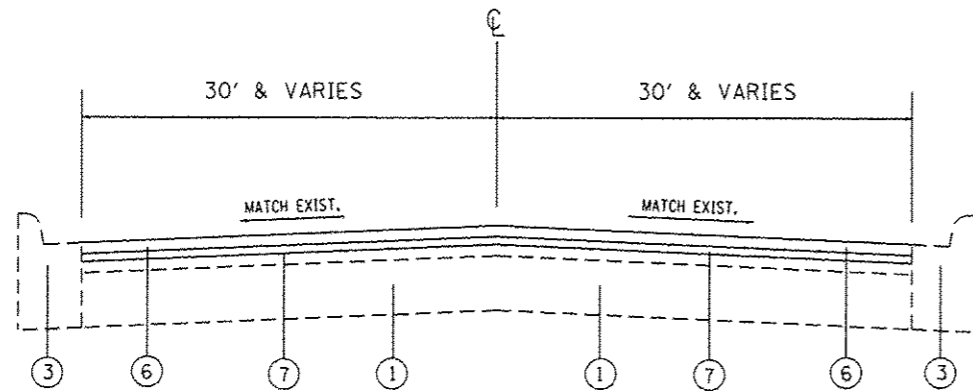
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1324	2010-094-RS	COOK	22	4
CONTRACT NO. 60L93				

Rev. 4-10-13



EXISTING TYPICAL SECTION
US 14

STATION:
3+00 TO 12+50



PROPOSED TYPICAL SECTION
US 14

STATION:
3+00 TO 12+50

LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10" (+/-)
- ② EXISTING HMA SURFACE COURSE, 4" (+/-)
- ③ EXISTING CONCRETED CURB & GUTTER
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 "
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 "

⑧ PROPOSED MEDIAN REMOVAL, PARTIAL DEPTH (TO BE MILLED FLUSH WITH ADJACENT MILLED ROADWAY SURFACE)

NOTES:

1. PAVEMENT PATCHING SHALL BE DONE PRIOR TO MILLING OF ROADWAY (SEE BD-22)
2. SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS OF LEFT AND RIGHT TURN LANES, MEDIANS AND CURB AND GUTTER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	MINIMUM AIR Voids
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL-9.5 mm)	4% AT 90 GYR.
POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50	3.5% AT 50 GYR.
HMA REPLACEMENT OVER PATCHES, (BINDER IL-19.0 MM)	4% AT 70 GYR.
CLASS D PATCHES, (HMA BINDER IL-19.0 mm)	4% AT 70 GYR.

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES QUANTITIES IS 112 LBS/SQ YD/IN.

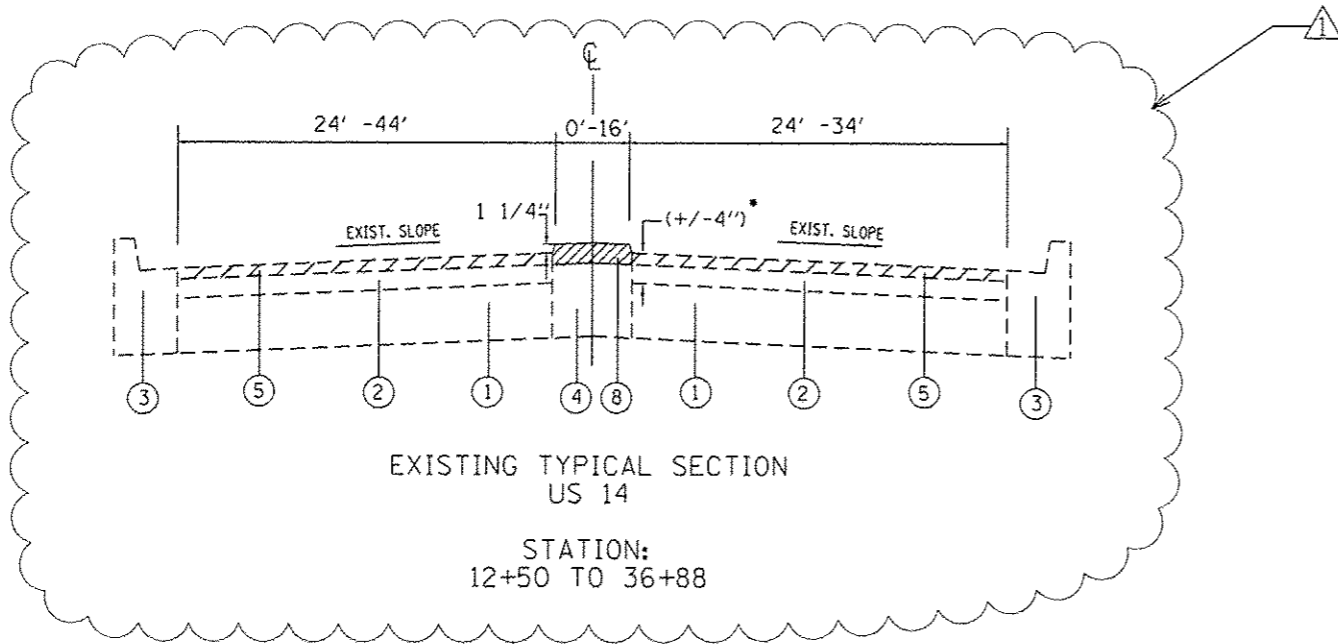
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.J. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
US ROUTE 14 (LUTHER LANE TO E0 GREENWOOD AVE.)		1324	2010-094-R5	COOK	22	5
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

REVISOR 3/28/2013, KB

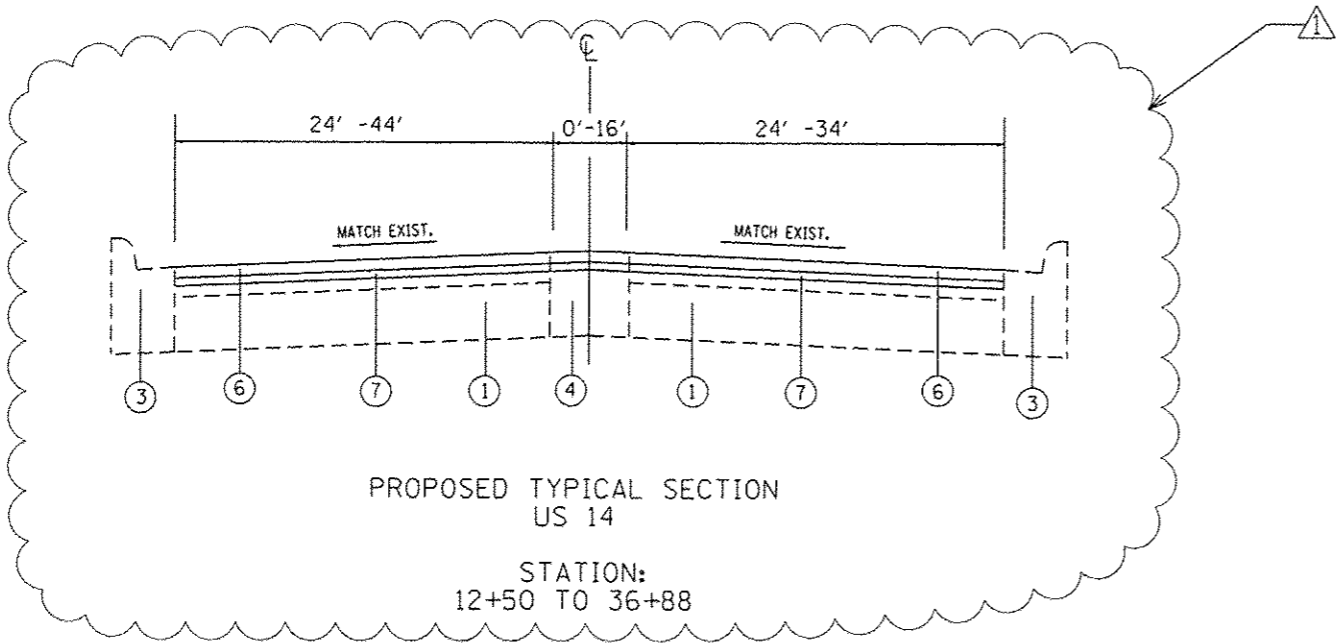


LEGEND

- ① EXISTING P.C.C. PAVEMENT, 10" (+/-)
- ② EXISTING HMA SURFACE COURSE, 4" (+/-)
- ③ EXISTING CONCRETED CURB & GUTTER
- ④ EXISTING CONCRETE MEDIAN
- ⑤ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑥ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4 "
- ⑦ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4 "
- ⑧ PROPOSED MEDIAN REMOVAL, PARTIAL DEPTH (TO BE MILLED FLUSH WITH ADJACENT MILLED ROADWAY SURFACE)

NOTES:

1. PAVEMENT PATCHING SHALL BE DONE PRIOR TO MILLING OF ROADWAY (SEE BD-22)
2. SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS OF LEFT AND RIGHT TURN LANES, MEDIANS AND CURB AND GUTTER.



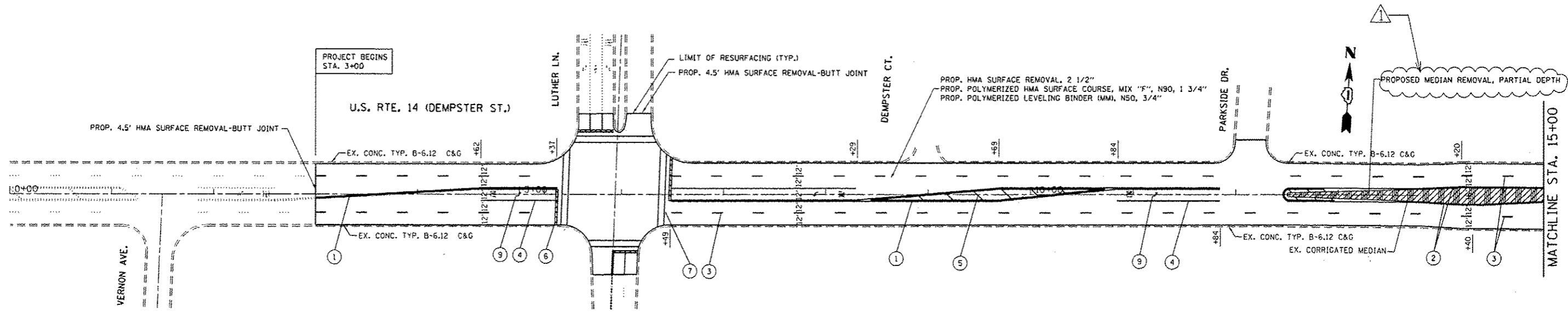
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	PLOT DATE * 4/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
US ROUTE 14 (LUTHER LANE TO E/O GREENWOOD AVE.)**

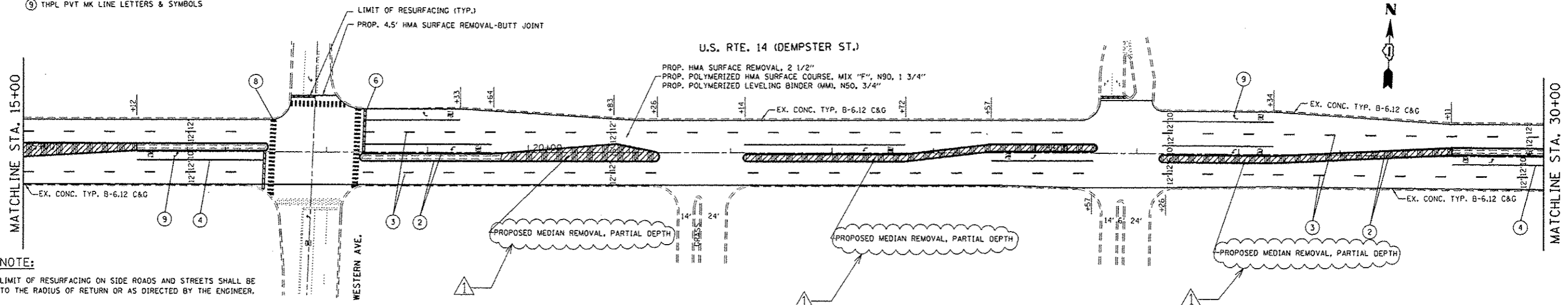
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1324	2010-094-R5	COOK	22	6
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60L93	

REVISED 3/28/2013, KB



LEGEND

- ① THPL PVT MK LINE DOUBLE YELLOW CENTERLINE, 4", 11" C-C
- ② THPL PVT MK LINE YELLOW SOLID, MEDIAN EDGE LINE, 4"
- ③ THPL PVT MK LINE WHITE SKIP DASH, 4", 10' LINE WITH 30' SPACE
- ④ THPL PVT MK LINE WHITE TURN LANE LINE, 6"
- ⑤ THPL PVT MK LINE YELLOW DIAGONAL, 45°, 12", MIN. OF 5 EQUALLY SPACED
- ⑥ THPL PVT MK LINE WHITE STOP BAR, 24"
- ⑦ THPL PVT MK LINE WHITE CROSSWALK, 6", 6' C-C
- ⑧ THPL PVT MK LINE WHITE SOLID SCHOOL CROSSING, 12"
- ⑨ THPL PVT MK LINE LETTERS & SYMBOLS



NOTE:

LIMIT OF RESURFACING ON SIDE ROADS AND STREETS SHALL BE TO THE RADIUS OF RETURN OR AS DIRECTED BY THE ENGINEER.

ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED. SEE "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE USED THROUGH THE IMPROVEMENT LIMITS. SEE "DISTRICT ONE TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS" DETAIL (TC-11).

ALL MEDIANS SHALL BE RESTRIPEDED ACCORDING TO "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" DETAIL (TC-13).

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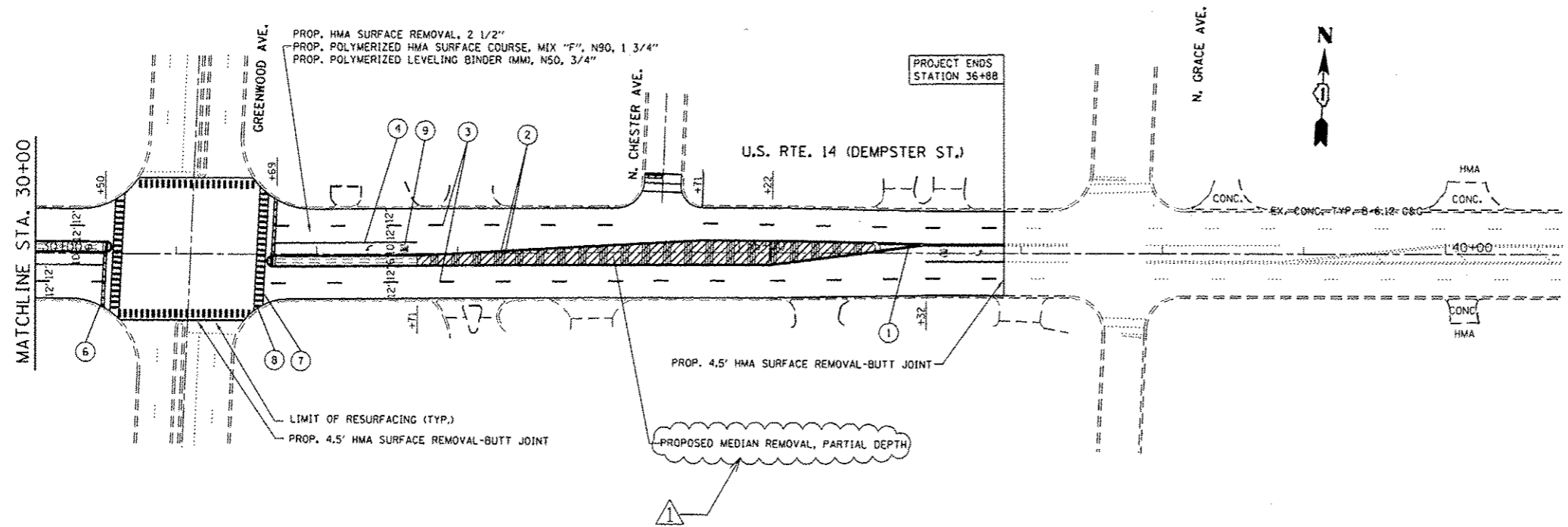
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	PLOT DATE = 3/28/2013		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY & PAVEMENT MARKING PLAN
U.S. ROUTE 14 (LUTHER LANE - E/O GREENWOOD AVE.)

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 3+00 TO STA. 30+00

F.A.U. RTE. 1324	SECTION 2010-094-RS	COUNTY COOK	TOTAL SHEETS 22	SHEET NO. 7
CONTRACT NO. 60L93			ILLINOIS FED. AID PROJECT	



LEGEND

- ① THPL PVT MK LINE DOUBLE YELLOW CENTERLINE, 4", 11" C-C
- ② THPL PVT MK LINE YELLOW SOLID, MEDIAN EDGE LINE, 4"
- ③ THPL PVT MK LINE WHITE SKIP DASH, 4", 10' LINE WITH 30' SPACE
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FILE NAME =	USER NAME = bochtekr	DESIGNED -	REVISED - 3/28/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY & PAVEMENT MARKING PLAN				F.A.U. RTE. 1324 SECTION 2010-094-RS COUNTY COOK TOTAL SHEETS 22 SHEET NO. 8 CONTRACT NO. 60L93 ILLINOIS FED. AID PROJECT	
		DRAWN -	REVISED -		U.S. ROUTE 14 (LUTHER LANE - E/O GREENWOOD AVE.)					
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		DATE -	REVISED -							

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