

SUMMARY OF QUANTITIES			URBAN 100% STATE		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	WILL COUNTY ROADWAY 0005					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	170	170					
25200110	SODDING, SALT TOLERANT	SO YD	170	170					
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	83	83					
40600300	AGGREGATE (PRIME COAT)	TON	389	389					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	152	152					
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	417	417					
40600895	CONSTRUCTING TEST STRIP	EACH	2	2					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	340	340					
40603595	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90	TON	9773	9773					
42001300	PROTECTIVE COAT	SO YD	340	340					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	17113	17113					
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	78544	78544					
					* SPECIALTY ITEMS				
44201741	CLASS D PATCHES, TYPE II, 8 INCH	SO YD	231	231					

SUMMARY OF QUANTITIES			URBAN 100% STATE		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	WILL COUNTY ROADWAY 0005					
44201745	CLASS D PATCHES, TYPE III, 8 INCH	SO YD	384	384					
44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SO YD	154	154					
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	845	845					
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	1408	1408					
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	563	563					
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	430	430					
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	716	716					
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	289	289					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	314	314					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	12	12					
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	7	7					
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8					
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					
					* SPECIALTY ITEMS # NON-PARTICIPATING ITEMS				

FILE NAME :	USER NAME :	DESIGNED :	REVISED :
DATE :	DATE :	DRAWN :	REVISED :
PLOT SCALE :	CHECKED :	DATE :	REVISED :
PLOT DATE :	DATE :	DATE :	REVISED :

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 53 (INDEPENDENCE BLVD.)
SUMMARY OF QUANTITIES**

Rev. 4-8-13

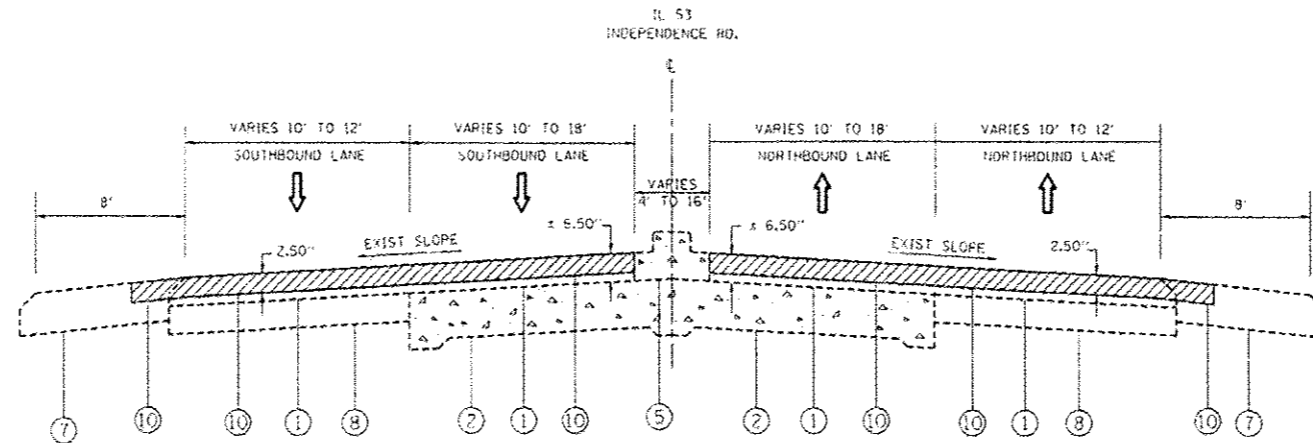
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
112	MY-RS-2	WILL	35	3
FED. ROAD DIST. NO. 1			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 60N44				

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

SUMMARY OF QUANTITIES			URBAN 100% STATE		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	WILL COUNTY ROADWAY 0005					
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
70103B15	TRAFFIC CONTROL SURVEILLANCE	CAL DA	6	6					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	16,499	16,499					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	719	719					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	67,176	67,176					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2306	2306					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	365	365					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1836	1836					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	695	695					
703D1000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	11,433	11,433					* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			URBAN 100% STATE		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	WILL COUNTY ROADWAY 0005					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	719	719					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	67,176	67,176					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2306	2306					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	365	365					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1839	1839					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	695	695					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1567	1567					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1375	1375					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2521	2521					
X0322494	CURB CUT	FOOT	1030	1030					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	142	142					
X4403800	MEDIAN SURFACE REMOVAL	SQ FT	5720	5720					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	650	650					
									* SPECIALTY ITEMS # NON-PARTICIPATING ITEMS

Rev. 4-8-13



IL 53 (INDEPENDENCE RD)
EXISTING TYPICAL SECTION
STA. 4+58 TO STA. 16+15

LEGEND

- ① EXISTING HMA RESURFACING, ± 6.50"
- ② EXISTING P.C. CONCRETE PAVEMENT, (9'-7"-9")
- ③ EXISTING P.C. CONCRETE BASE COURSE, ± 9"
- ④ EXISTING MOUNTABLE MEDIAN WITH CURB & GUTTER TYPE M-2.12
- ④A EXISTING LANDSCAPE MEDIAN
- ⑤ EXISTING CONCRETE BARRIER MEDIAN, TYPE B-12.12
- ⑥ EXISTING COMB. CONC. C&G, TYPE B-6.24
- ⑦ EXISTING BITUMINOUS SHOULDER, 8"
- ⑧ EXISTING HMA BASE COURSE, ± 11"
- ⑨ EXISTING AGGREGATE SHOULDER, TYPE B, 8"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 1-1/2"
- ⑫ PROPOSED PCC SURFACE REMOVAL, 1"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1-3/4"
- ⑮ PROPOSED COMBINATION CONCRETE C&G REMOVAL AND REPLACEMENT
- ⑯ PROPOSED HMA SHOULDER, 8"
- ⑰ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑱ PROPOSED SUB-BASE GRAN MAT'L, TY B

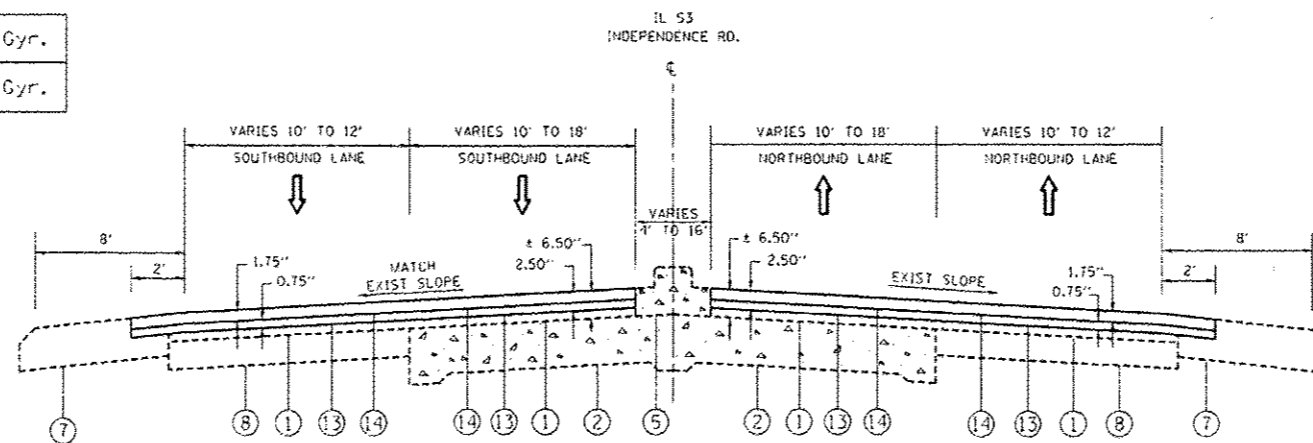
NOTE:
• LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER
" THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING".

HOT-MIX ASPHALT MIXTURE REQUIREMENTS
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

MIXTURE USE	THICKNESS	AIR VOIDS (%) @ NDES
MAINLINE RESURFACING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 3.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.
PATCHING		
CLASS D PATCH (HMA BINDER IL-19 mm)	11	4% @ 70 Gyr.
SHOULDER RESURFACING		
POLY HMA SURFACE COURSE MIX "F", N90 (IL 3.5 mm)	1-3/4"	4% @ 90 Gyr.
POLY. LEVELING BINDER (MM) IL-4.75, N50	3/4"	4% @ 50 Gyr.

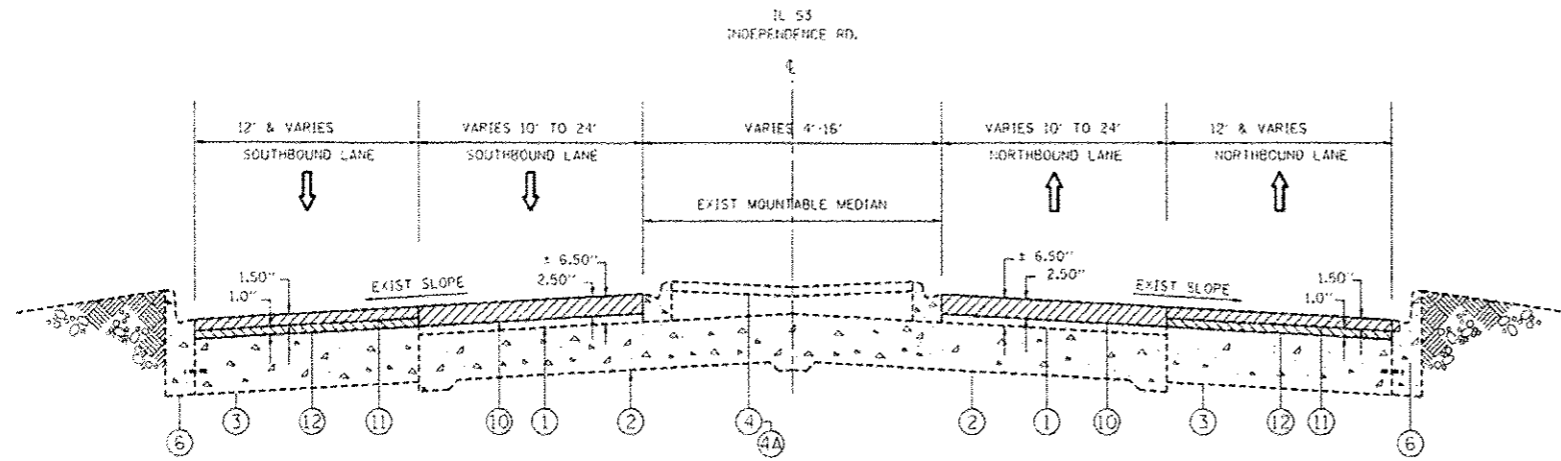
NOTE:
CLASS D PATCHES, 15 INCHES NB & SB OUTSIDE LANES (STA. 4+58 TO STA. 149+04)
CLASS D PATCHES, 11 INCHES INSIDE LANES INCLUDING TURN LANES (STA. 4+58 TO STA. 206+73)

NOTE:
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUNDS PER SQUARE YARD-INCH
THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 10-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
FOR "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.
RFP SPECIAL PROVISIONS APPLIES TO POLY HMA SURF CSE, MIX "F" N90 MIX ONLY.



IL 53 (INDEPENDENCE RD)
PROPOSED TYPICAL SECTION
STA. 4+58 TO STA. 16+15

NOTE:
CLASS D PATCHES, 15 INCHES NB & SB OUTSIDE LANES (STA. 4+58 TO STA. 149+04)
CLASS D PATCHES, 11 INCHES INSIDE LANES INCLUDING TURN LANES (STA. 4+58 TO STA. 206+73)



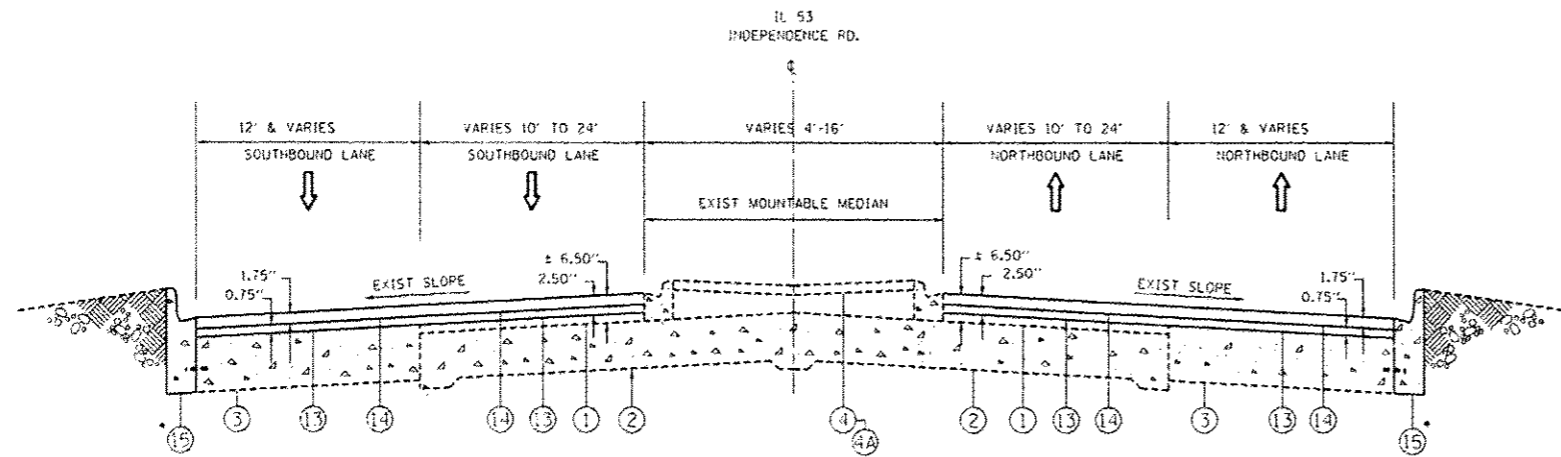
IL 53 (INDEPENDENCE RD)
EXISTING TYPICAL SECTION
STA. 154+03 TO STA. 206+73

NOTE:
NB & SB OUTSIDE LANES
(STA. 149+04 TO STA. 206+73)
• PROPOSED PCC SURFACE REMOVAL, 1"
• PROPOSED HMA SURFACE REMOVAL, 1-1/2"

NOTE:
NB & SB OUTSIDE LANES
(STA. 149+04 TO STA. 206+73)
• PROPOSED PCC SURFACE REMOVAL, 1"
• PROPOSED HMA SURFACE REMOVAL, 1-1/2"

NOTE:
CLASS D PATCHES, 8 INCHES
NB & SB OUTSIDE LANES
(STA. 149+04 TO STA. 206+73)

CLASS D PATCHES, 11 INCHES
INSIDE LANES INCLUDING TURN LANES
(STA. 4+58 TO STA. 206+73)



IL 53 (INDEPENDENCE RD)
PROPOSED TYPICAL SECTION
STA. 154+03 TO STA. 206+73

NOTE:
CLASS D PATCHES, 8 INCHES
NB & SB OUTSIDE LANES
(STA. 149+04 TO STA. 206+73)

CLASS D PATCHES, 11 INCHES
INSIDE LANES INCLUDING TURN LANES
(STA. 4+58 TO STA. 206+73)

PROPOSED MEDIAN TREATMENT:
(STA. 183+28 TO STA. 185+44) AND
(STA. 169+98.50 TO STA. 173+98.90)
PROP MED. SURF. REM.
PROP POLY LEV BIND
(MM, IL-4.75, N50, 3/4")
PROP POLY HMA SURF CSE
MIX "F", N90, 1-3/4"

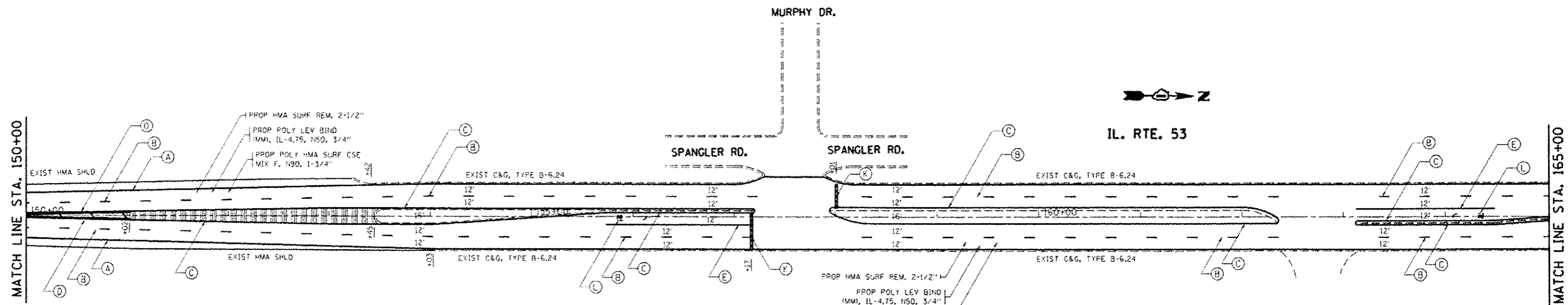
LEGEND

- ① EXISTING HMA RESURFACING, ± 6.50"
- ② EXISTING P.C. CONCRETE PAVEMENT, (9"-7"-9")
- ③ EXISTING P.C. CONCRETE BASE COURSE, ± 9"
- ④ EXISTING MOUNTABLE MEDIAN WITH CURB & GUTTER TYPE M-2.12
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- ⑤ EXISTING CONCRETE BARRIER MEDIAN, TYPE B-12.12
- ⑥ EXISTING COMB. CONC. C&G, TYPE B-6.24
- ⑦ EXISTING BITUMINOUS SHOULDER, 8"
- ⑧ EXISTING HMA BASE COURSE, ± 11"
- ⑨ EXISTING AGGREGATE SHOULDER, TYPE B, 8"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑪ PROPOSED HMA SURFACE REMOVAL, 1-1/2"
- ⑫ PROPOSED PCC SURFACE REMOVAL, 1"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1-3/4"
- ⑮ PROPOSED COMBINATION CONCRETE C&G REMOVAL AND REPLACEMENT
- ⑯ PROPOSED HMA SHOULDER, 8"
- ⑰ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑱ PROPOSED SUB-BASE GRAN MAT'L, TY B

NOTE:
• LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER
" THE CONTRACTOR SHALL MILL FIRST PRIOR TO PATCHING".

Rev. Sheet 4-B-13

FILE NAME	USER NAME galbany	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 53 (N. INDEPENDENCE BLVD.) EXISTING AND PROPOSED TYPICAL SECTIONS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-shr-plan.dgn		DRAWN	REVISED		112	MY-RS-2	WILL	35	9		
PLOT SCALE = 1/8"=1'-0"		CHECKED	REVISED		CONTRACT NO. 60N44			ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/25/2013		DATE	REVISED		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.				



NOTE:

PAVEMENT MARKING SHALL BE THERMOPLASTIC OF THE EXTRUDED TYPE AND SHOULD BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL PAVEMENT MARKING DETAILS".

PAISED REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS DETAILS".

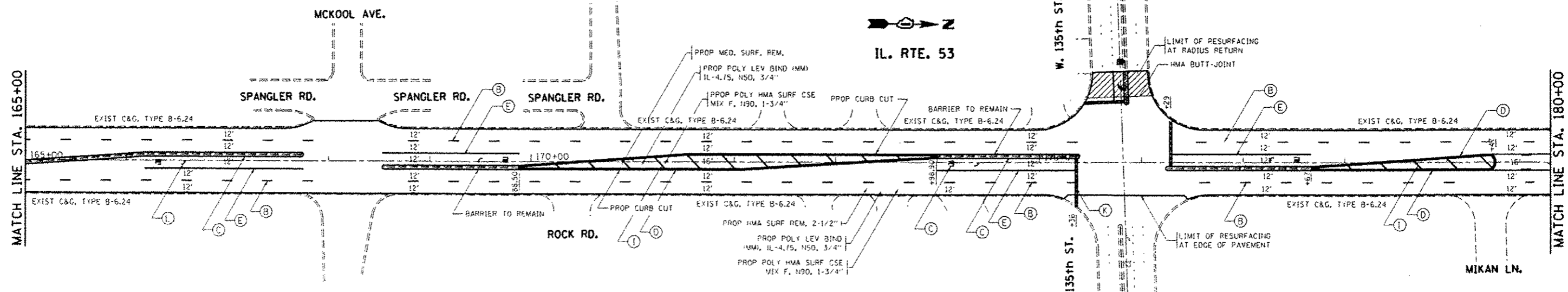
THE RESIDENT ENGINEER SHALL CONTACT LAWRENCE HILL, TRAFFIC FIELD ENGINEER AT (815)485-6475 (SS) OR AT (847)946-2165 (CEL) A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF ANY PERMANENT MARKINGS.

PAVEMENT MARKING LEGEND

- (A) 4" WHITE - SOLID (EDGE LINE)
- (B) 4" WHITE - 10' DASH / 30' SKIP
- (C) 4" YELLOW - SOLID (EDGE LINE)
- (D) 4" YELLOW - 2' @ 11" C-C
- (E) 6" WHITE - SOLID (TURN LANE LINE)
- (F) 6" WHITE - 2' DASH / 6' SKIP (TURN LANE LINE)
- (G) 8" WHITE - SOLID (CHANNELIZATION) (GORE)
- (H) 12" WHITE - RT. 45° DIAGONAL @ 75' C-C (SHOULDER)
- (I) 12" YELLOW - RT. 45° DIAGONAL @ 75' C-C (MEDIAN)
- (J) 12" WHITE - RT. 45° CHEVRON @ 20' C-C
- (K) 24" WHITE - SOLID (STOP BAR)
- (L) 8" WHITE - LETTERS AND SYMBOLS
- (M) 4" YELLOW - SKIP DASH AND SOLID 5-1/2" C-C

NOTE:

- NB & SB OUTSIDE LANES (STA. 149+04 TO STA. 206+73)
- PCC SURFACE REMOVAL, 1"
- HMA SURFACE REMOVAL, 1-1/2"



NOTE:

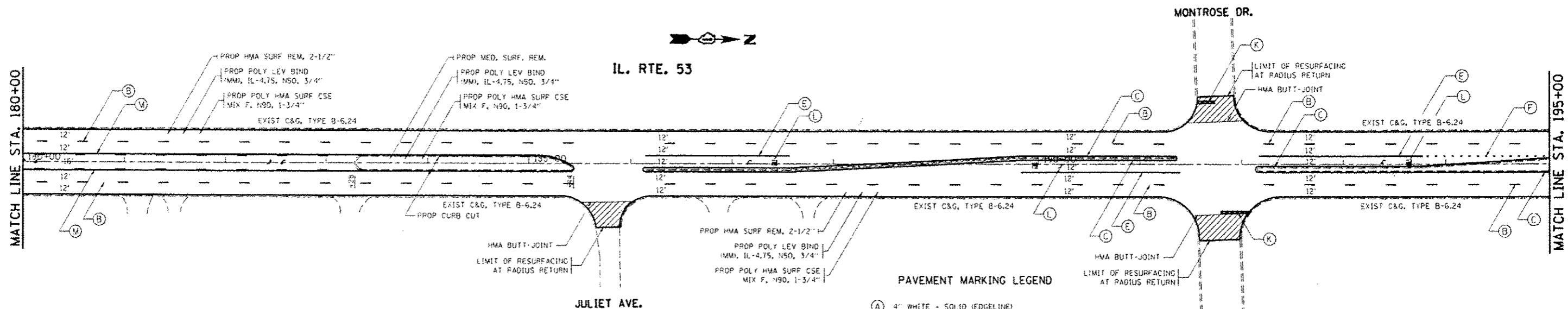
- MOUNTABLE MEDIAN (TO BE MILLED AND RESURFACED) (STA. 169+88.50 TO STA. 173+98.90)
- PROP CURB CUT
- PROP MED REM SURF REM
- PROP POLY LEV BIND (MM) IL-4.75, NSD, 3/4"
- PROP POLY HMA SUR CSE MIX "F", N90, 1-3/4"

NOTE:

- NB & SB OUTSIDE LANES (STA. 149+04 TO STA. 206+73)
- PCC SURFACE REMOVAL, 1"
- HMA SURFACE REMOVAL, 1-1/2"

Rev. Sheet 4-B-13

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 53 (N. INDEPENDENCE BLVD.) ROADWAY AND PAVEMENT MARKING P			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
11-sh01andgn	11-sh01andgn	DRAWN	REVISED		112	MY-RS-2	WILL	35	15			
PLOT SCALE	100.0000	CHECKED	REVISED		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 60N44				
PLOT DATE	3/25/2013	DATE	REVISED		ILLINOIS FED. AID PROJECT							



- PAVEMENT MARKING LEGEND**
- (A) 4" WHITE - SOLID (EDGE LINE)
 - (B) 4" WHITE - 10' DASH / 30' SKIP
 - (C) 4" YELLOW - SOLID (EDGE LINE)
 - (D) 4" YELLOW - 2 @ 11" C-C
 - (E) 6" WHITE - SOLID (TURN LANE LINE)
 - (F) 6" WHITE - 2' DASH / 6' SKIP (TURN LANE LINE)
 - (G) 8" WHITE - SOLID (CHANNELIZATION) (GORE)
 - (H) 12" WHITE - RT. 45° DIAGONAL @ 75' C-C (SHOULDER)
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 - (J) 12" WHITE - RT. 45° CHEVRON @ 20' C-C
 - (K) 24" WHITE - SOLID (STOP BAR)
 - (L) 8" WHITE - LETTERS AND SYMBOLS
 - (M) 4" YELLOW - SKIP DASH AND SOLID 5-1/2" C-C

NOTE:

PAVEMENT MARKING SHALL BE THERMOPLASTIC OF THE EXTRUDED TYPE AND SHOULD BE PLACED IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL PAVEMENT MARKING DETAILS".

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH THE DISTRICT ONE "TYPICAL APPLICATION RAISED REFLECTIVE PAVEMENT MARKERS DETAILS".

THE RESIDENT ENGINEER SHALL CONTACT LAWRENCE HILL, TRAFFIC FIELD ENGINEER AT (815)485-6475 (SS) OR AT (847)846-2165 (CEL) A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF ANY PERMANENT MARKINGS.

NOTE:

MOUNTABLE MEDIAN (TO BE MILLED AND RESURFACED) (STA. 183+28.25 TO STA. 185+43.73)

- PROP CURB CUT
- PROP MED REM SURF REM
- PROP POLY LEV BIND (MM, IL-4.75, NSO, 3/4")
- PROP POLY HMA SURF CSE MIX F, N90, 1-3/4"

NOTE:

NB & SB OUTSIDE LANES (STA. 149+04 TO STA. 206+73)

- PCC SURFACE REMOVAL, 1"
- HMA SURFACE REMOVAL, 1-1/2"

Rev. Sheet 4-B-13

FILE NAME: g:\work\10\dot\galen\p0249919-010	USER NAME: galen	DESIGNED: II-shrplandgn	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 53 (N. INDEPENDENCE BLVD.) ROADWAY AND PAVEMENT MARKING PLANS		F.A.P. RTE. 112	SECTION MY-RS-2	COUNTY	TOTAL SHEETS 35	SHEET NO. 16	
PLDT SCALE: 1/8"=1'-0"	PLDT DATE: 3-25-2013	DRAWN: -	REVISED: -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60N44				
		CHECKED: -	REVISED: -		ILLINOIS FED. AID PROJECT							
		DATE: -	REVISED: -									