

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	1
		ILLINOIS	CONTRACT NO. 61G38	

FOR INDEX OF SHEETS, SEE SHEET NO. 2 06-11-2021 LETTING ITEM 087  
 FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED  
 FEDERAL AID HIGHWAY

FAU ROUTE 1487 (CHICAGO AVENUE) – FROM EAST OF  
 IL ROUTE 83 (KINGERY HWY) TO WEST OF GARFIELD  
 STREET, THIRD STREET – FROM EAST OF GRANT STREET  
 TO WEST OF WASHINGTON STREET  
 RESURFACING AND ADA SIDEWALK RAMP IMPROVEMENTS

SECTION: 19-00098-00-RS

PROJECT: H6BQ(234)

VILLAGE OF HINSDALE

DUPAGE COUNTY

C-91-076-20

PROJECT LOCATION MAP  
 DUPAGE COUNTY, ILLINOIS  
 N.T.S.



LOCATION OF SECTION INDICATED THUS: —

TRAFFIC DATA

CHICAGO AVENUE ADT = 5,600 (2016)  
 THIRD STREET = < 500

ROADWAY POSTED SPEED DESIGN SPEED

CHICAGO AVE 25 MPH 25 MPH  
 THIRD STREET 20 MPH 20 MPH

DESIGN DESIGNATION

FAU 1487 (CHICAGO AVENUE) - MAJOR COLLECTOR  
 MUN 4030 (THIRD STREET) - LOCAL ROAD

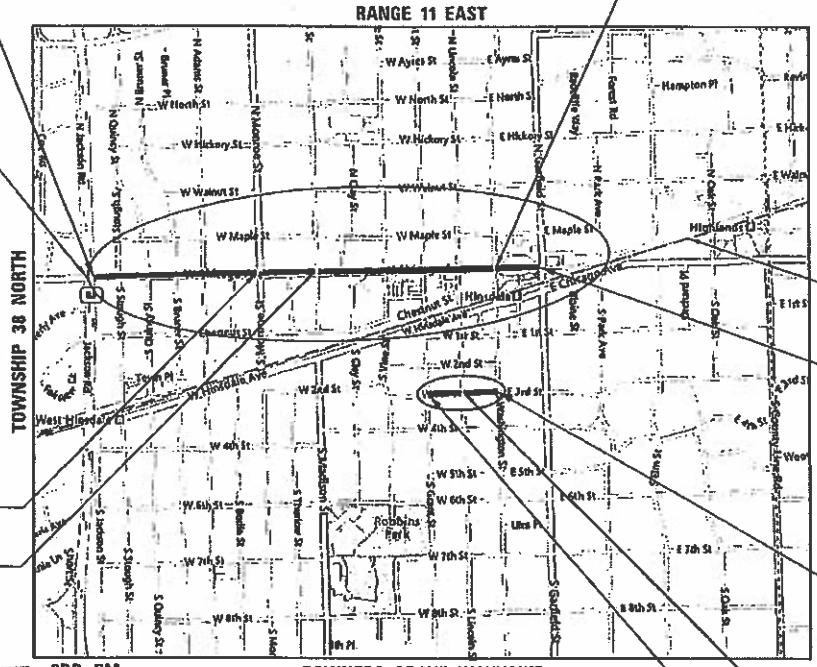
FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

PROJECT BEGINS  
 STA 100+26.50

OMISSION WASHINGTON ST  
 STA. 146+08.58 TO STA. 147+00.99

\*CHICAGO AVE OMISSION AREAS:  
 MONROE ST  
 MADISON ST  
 WASHINGTON ST

\*THIRD ST OMISSION AREAS:  
 LINCOLN ST



BNSF RAILROAD

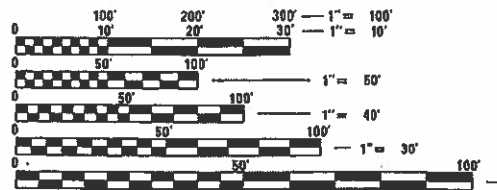
PROJECT ENDS  
 STA 151+67.43

PROJECT ENDS  
 STA 308+13.37

OMISSION LINCOLN ST  
 STA. 303+75.11 TO STA. 304+52.62

PROJECT BEGINS  
 STA 300+35.57

DOWNERS GROVE TOWNSHIP  
 PROJECT LENGTH  
 GROSS LENGTH = 6,111.01 FT = 1.16 MILES  
 NET LENGTH = 5,741.01 FT = 1.09 MILES



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
 ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT

ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



THOMAS S. CREECH, P.E.  
 NO. 062-047669  
 EXPIRES: 11/30/21  
 HR GREEN, INC.  
 3-25-21

**HRGreen**  
 323 ALANA DRIVE | NEW LENOX, ILLINOIS 60451  
 Phone: 815.462.9324 | Toll Free: 800.728.7805 | Fax: 815.462.9328 | HRGreen.com  
 ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

VILLAGE OF HINSDALE  
 APPROVED *March 25, 2021*  
*[Signature]*  
 VILLAGE ENGINEER

PASSED *March 30, 2021*  
*C.F. Riddle*  
 DISTRICT ONE ENGINEER OF LOCAL ROADS AND STREET

RELEASING FOR BID  
 BASED ON LIMITED REVIEW *March 30, 2021*  
*[Signature]*  
 REGIONAL ENGINEER

PRINTED BY THE AUTHORITY  
 OF THE STATE OF ILLINOIS

CONTRACT NO. 61G38

HRC PROJECT NO. 192242  
 HRC PLOT CONTACT  
 FILE NAME: 092242-SP1-01-CONV-001  
 PLOT DRIVER: L:\soft\lbr\mccr7g  
 FOR TABLE: 2/17/2024 10:15

**INDEX OF SHEETS**

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, DISTRICT ONE DETAILS, COMMITMENTS, UTILITY CONTACTS, AND BENCHMARKS
3	GENERAL NOTES
4	SUMMARY OF QUANTITIES
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7 - 8	SCHEDULE OF QUANTITIES
9 - 14	ROADWAY AND PAVEMENT MARKING PLANS
15 - 21	DISTRICT ONE DETAILS
22	VILLAGE OF HINSDALE DETAILS
23 - 26	SIDEWALK DETAIL PLANS

**HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

**VILLAGE OF HINSDALE STANDARDS**

- PAVEMENT PATCHING
- SIDEWALK
- TREE TRUNK PROTECTION
- BARRIER COMBINATION CONCRETE CURB AND GUTTER TYPE B-6.12

**DISTRICT ONE DETAILS**

STANDARD NO.	DESCRIPTION
BD-08	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

**COMMITMENTS**

CONTRACTOR SHALL BE CAUTIOUS AROUND BRIDGE APPROACH AND DRAINAGE STRUCTURES DURING CONSTRUCTION.\*

**BENCHMARK DATA**

DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

SOURCE BENCHMARK (NOT GRAPHICALLY SHOWN)

NGS MONUMENT 0139 (DK3198)  
 3.5 INCH BRASS DISK ON A VACANT CONCRETE BASE FOR A RAILROAD CROSSING SIGNAL LOCATED AT THE NORTHWEST CORNER OF GARFIELD AVENUE AND EAST HINSDALE ROAD, APPROXIMATELY 31.5 FEET WEST OF GARFIELD ROAD CENTERLINE AND 21.0 FEET NORTH OF THE NORTHERNMOST TRACK.  
 ELEVATION: 688.82 (NAVD 88)

BENCHMARK 1

SOUTH BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE NORTHWEST CORNER OF WASHINGTON STREET AND CHICAGO AVENUE.  
 ELEVATION: 687.46 (NAVD 88)

BENCHMARK 2

SOUTHEAST BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE SOUTHWEST CORNER OF GRANT STREET AND CHICAGO AVENUE.  
 ELEVATION: 695.60 (NAVD 88)

BENCHMARK 3

NORTH BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE SOUTHWEST CORNER OF CLAY STREET AND CHICAGO AVENUE.  
 ELEVATION: 695.17 (NAVD 88)

BENCHMARK 4

WEST BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE SOUTHEAST CORNER OF THURLOW STREET AND CHICAGO AVENUE.  
 ELEVATION: 715.78 (NAVD 88)

BENCHMARK 5

SOUTH BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE NORTHWEST CORNER OF BODIN STREET AND CHICAGO AVENUE.  
 ELEVATION: 709.94 (NAVD 88)

BENCHMARK 6

EAST BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE SOUTHWEST CORNER OF BRUNER STREET AND CHICAGO AVENUE.  
 ELEVATION: 710.96 (NAVD 88)

BENCHMARK 7

SOUTH BOLT ON UPPER FLANGE OF HYDRANT AT NORTHWEST CORNER OF THE INTERSECTION OF WASHINGTON STREET AND 3RD STREET.  
 ELEVATION: 726.64(NAVD 88)

HRG PROJECT NO.: 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-SP1-02-index.dgn  
 PLOT DATE: 4/16/2021  
 PEN TABLE: plotTable.tbl



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PLOT SCALE =	CHECKED - BH	REVISED -
PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS HIGHWAY STANDARDS			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	2
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

## GENERAL NOTES

### GENERAL

1. THE CONTRACTOR SHALL NOTIFY THE VILLAGE OF HINSDALE AND THE RESIDENTS WITHIN THE PROJECT LIMITS A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL ABUTTING PROPERTIES, EXCEPT FOR PERIODS OF SHORT DURATION AS APPROVED BY THE ENGINEER. ANY ROADWAY OR ACCESS CLOSURES SHALL ONLY TAKE PLACE BETWEEN THE HOURS OF 7:00 A.M. AND 3:00 P.M. THE VILLAGE OF HINSDALE SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CLOSURES.
3. ALL TRENCHES SHALL BE BACKFILLED OR COVERED AT THE END OF EACH DAY OF CONSTRUCTION.
4. GAS MAIN LOCATION BASED ON NICOR PROVIDED UTILITY ATLAS AND ASSUMED 30" COVER. EXACT LOCATION SHALL BE VERIFIED IN THE FIELD.
5. CLASS D PATCHES, 6" MAY BE REQUIRED AS DETERMINED IN THE FIELD BY THE ENGINEER.
6. CURB REMOVAL AND REPLACEMENT MAY BE REQUIRED AS DETERMINED IN THE FIELD BY THE ENGINEER.
7. SODDING, SPECIAL IS SHOWN ON THE PLANS FOR SIDEWALK REMOVAL AND CURB REMOVAL AND REPLACEMENT. SEE PROJECT SPECIAL PROVISIONS FOR SODDING (SPECIAL) COMPENSATION. RESTORATION QUANTITIES ASSOCIATED WITH THE ABOVE MENTIONED ITEM IS INCLUDED IN THE SCHEDULE OF QUANTITIES HEREIN.
8. ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR STRUCTURES, FITTINGS, ETC., ARE FROM THE CENTERLINE OF THE EXISTING ROADWAY, AS SHOWN ON THESE PLANS.
9. ALL ELEVATIONS ARE ON U.S.G.S. DATUM. (NAVD 88).
10. "PRIVATE UTILITIES" SUCH AS SPRINKLER SYSTEMS, PRIVATE LIGHTING, AND HEAT TUBING FOR DRIVEWAYS SHALL BE RELOCATED AND RECONNECTED AS REQUIRED FOR PROPOSED CONSTRUCTION. THIS WORK SHALL BE INCLUDED IN CONTRACT UNIT PRICE BID OF THE PROPOSED IMPROVEMENT ITEM AFFECTING "PRIVATE UTILITY"
11. CONTRACTOR SHALL BE CAUTIOUS AROUND IL RTE 83 BRIDGE APPROACH AND RELATED DRAINAGE STRUCTURES. SEE PLANS OF RECENT IL RTE 83 OVERLAY PROJECT AT [HTTP://APPS.DOT.ILLINOIS.GOV/EPLAN/DESENV/030620/019-62J38/](http://apps.dot.illinois.gov/eplan/desenv/030620/019-62J38/)

### SEDIMENT AND EROSION CONTROL

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY CONTROL EROSION ON THE JOB SITE THROUGH THE USE OF SILTATION PONDS, FILTER FABRICS, ETC. ANY SILTATION OF CONDUITS, STRUCTURES, OR DITCHES SHALL BE CLEANED AND MAINTAINED BY THE CONTRACTOR UNTIL ANY SEEDING AND/OR SODDING HAS TAKEN HOLD. ALL WASHOUTS, GULLIES, ETC. WILL BE REGRADED AND RESODDED BY THE CONTRACTOR.
2. FOR ALL DRAINAGE STRUCTURES IN THE DISTURBED AREAS, INLET FILTERS SHALL BE PLACED BETWEEN FRAME AND GRATE AND MAINTAINED BY THE CONTRACTOR UNTIL VEGETATION IS ESTABLISHED, AS DETERMINED BY THE ENGINEER.
3. THE CONTRACTOR'S RESPONSIBILITY FOR EROSION CONTROL SHALL EXTEND THROUGHOUT THE CONSTRUCTION PROCESS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP OF PAVED SURFACES DAILY WITHIN AND OUTSIDE OF THE PROJECT CAUSED BY THE CONTRACTOR.
4. EROSION CONTROL STRUCTURES MUST BE INSPECTED WEEKLY AND AFTER EVERY STORM OF ONE HALF INCH (1/2") OF RAINFALL OR GREATER, BY THE CONTRACTOR. AN INSPECTION REPORT MUST BE SUBMITTED BY THE CONTRACTOR TO THE VILLAGE FOLLOWING EACH INSPECTION. ANY REPAIRS OR REPLACEMENT NEEDED TO ENSURE ADEQUATE EROSION CONTROL MUST BE MADE IMMEDIATELY.
5. ALL DISTURBED AREAS ARE TO BE GRADED TO EXISTING CONTOURS AND TO PROVIDE POSITIVE DRAINAGE TO EXISTING DRAINAGE STRUCTURES UNLESS OTHERWISE NOTED ON PLANS.

### LANDSCAPING

1. LANDSCAPING INCLUDING, BUT NOT LIMITED TO TREES, SHRUBS, BUSHES, RETAINING WALLS, DECORATIVE LANDSCAPING ITEMS, ETC., LOCATED IN THE DISTURBED AREA, AS INDICATED ON THE PLANS, SHALL BE RESTORED BY THE CONTRACTOR.
2. FINAL GRADE SHALL MEET EXISTING GRADE AND SHALL BE OF AT LEAST 4" TOPSOIL WITH SODDING (SPECIAL), AS DETERMINED BY THE ENGINEER.

### TRAFFIC CONTROL AND PROTECTION

1. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH ARTICLE 107.14 OF THE STANDARD SPECIFICATIONS.
2. IF NEEDED, ANY EXISTING TRAFFIC REGULATORY AND STREET SIGNS WITHIN THE LIMITS OF THE CONSTRUCTION SHALL BE REMOVED AND STORED BY THE CONTRACTOR. APPROPRIATE TRAFFIC REGULATORY AND STREET SIGNS SHALL BE INSTALLED BY THE CONTRACTOR AS SOON AS CONSTRUCTION ACTIVITIES PERMIT.
3. CONTRACTOR SHALL PROVIDE BUMP SIGNS (W8-1(0)) AT EACH ENTRANCE TO WORK ZONE.

HRG PROJECT NO.: 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-SP-1-03-GenNotes.dgn  
 PLOT DATE: 4/16/2021  
 PEN TABLE: 190242.tbl



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	DRAWN - KH	REVISED -
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PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

### GENERAL NOTES

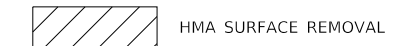
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	3
CONTRACT NO.			61G38	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

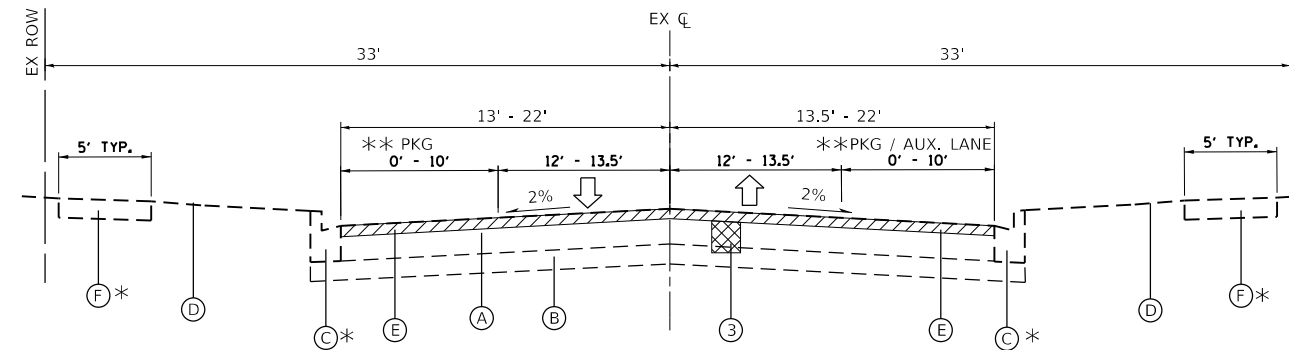


**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PCC BASE COURSE (DEPTH VARIES 2" - 4")
- (C) EXISTING CONCRETE CURB AND GUTTER
- (D) EXISTING GROUND
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- (F) EXISTING PCC SIDEWALK



\* SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER



**EXISTING TYPICAL SECTION**

**CHICAGO AVENUE**

STA. 100+26.50 TO STA. 118+77.33  
 STA. 119+52.78 TO STA. 125+38.02  
 STA. 126+19.86 TO STA. 146+08.58  
 STA. 147+01.00 TO STA. 151+67.43

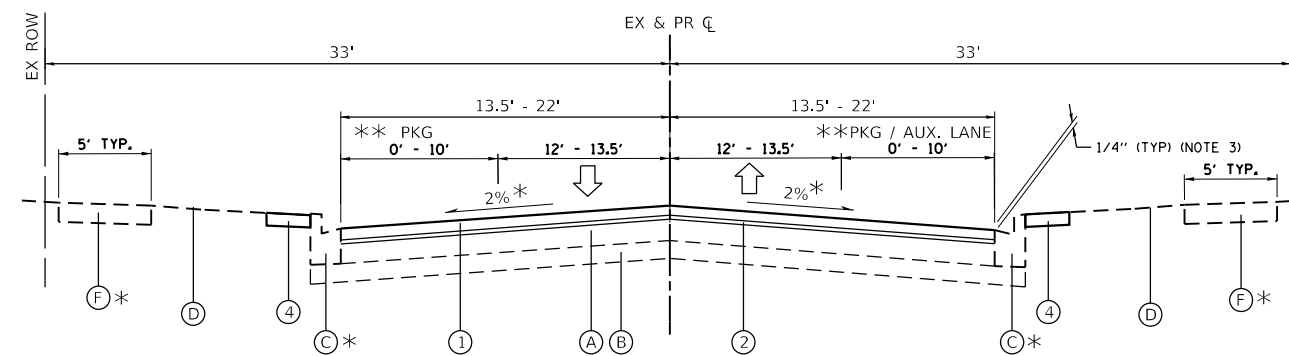
**RESURFACING OMISSIONS:**

STA. 118+77.33 TO STA. 119+52.78  
 STA. 125+38.02 TO STA. 126+19.86  
 STA. 146+08.58 TO STA. 147+01.00

\*\* PARALLEL PARKING LANES (10' WIDE) FROM LINCOLN ST. TO WASHINGTON ST. (BOTH SIDES)  
 AND FROM WASHINGTON ST. TO GARFIELD ST. (SOUTH SIDE)

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; (3/4")
- (3) CLASS D PATCHES, TYPE III, 6 INCH
- (4) SODDING, SPECIAL



**PROPOSED TYPICAL SECTION**

**CHICAGO AVENUE**

STA. 100+26.50 TO STA. 118+77.33  
 STA. 119+52.78 TO STA. 125+38.02  
 STA. 126+19.86 TO STA. 146+08.58  
 STA. 147+01.00 TO STA. 151+67.43

**RESURFACING OMISSIONS:**

STA. 118+77.33 TO STA. 119+52.78  
 STA. 125+38.02 TO STA. 126+19.86  
 STA. 146+08.58 TO STA. 147+01.00

\* MATCH EXISTING CROSS SLOPE  
 \*\* PARALLEL PARKING LANES (10' WIDE) FROM LINCOLN ST. TO WASHINGTON ST. (BOTH SIDES)  
 AND FROM WASHINGTON ST. TO GARFIELD ST. (SOUTH SIDE)

**NOTES:**

1. CONTRACTOR SHALL MILL BEFORE PATCHING.
2. PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
3. SURFACE COURSE TO BE PLACED 1/4" ABOVE GUTTER FLAG.

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 FILE NAME: 190242-SP-06-TypSec01.dgn  
 PEN TABLE: 190242.tbl



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	DRAWN - KH	REVISED -
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

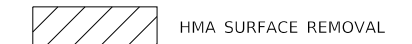
**TYPICAL SECTIONS  
 CHICAGO AVENUE**

SCALE: N.T.S. SHEET 1 OF 2 SHEETS STA. TO STA.

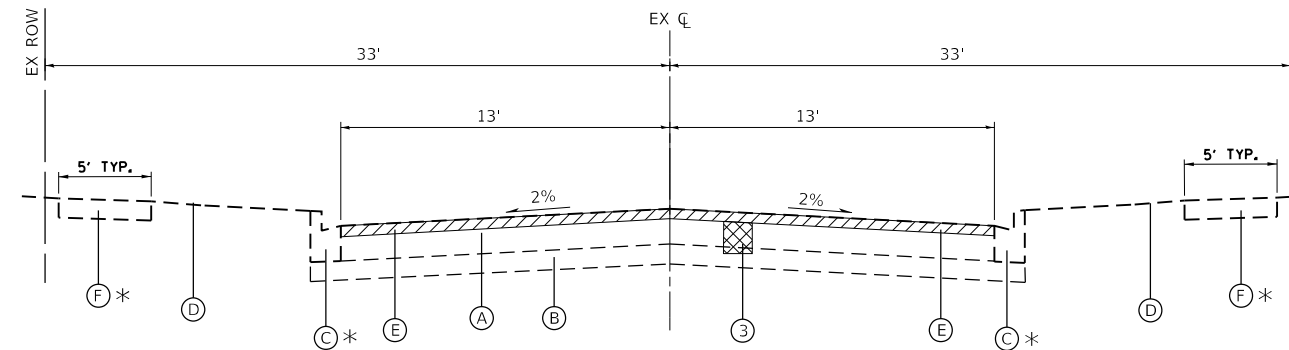
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1487	19-00098-00-R5		26	5
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G38	

**EXISTING LEGEND**

- (A) EXISTING HOT-MIX ASPHALT PAVEMENT
- (B) EXISTING PCC BASE COURSE (DEPTH VARIES 2" - 4")
- (C) EXISTING CONCRETE CURB AND GUTTER
- (D) EXISTING GROUND
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2-1/2"
- (F) EXISTING PCC SIDEWALK



\* SPOT REMOVAL AND REPLACEMENT AS DIRECTED BY THE ENGINEER



**EXISTING TYPICAL SECTION**

**THIRD STREET (NON-PARTICIPATING)**

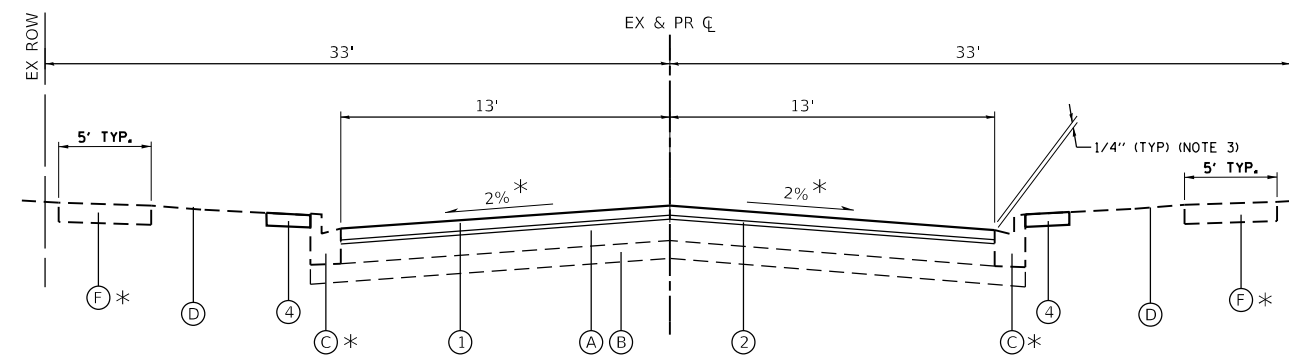
STA. 300+35.57 TO STA. 303+75.11  
 STA. 304+52.62 TO STA. 308+13.37

RESURFACING OMISSIONS:

STA. 303+75.11 TO STA. 304+52.61

**PROPOSED LEGEND**

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50; 2"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; (3/4")
- (3) CLASS D PATCHES, TYPE III, 6 INCH
- (4) SODDING, SPECIAL



**PROPOSED TYPICAL SECTION**

**THIRD STREET (NON-PARTICIPATING)**

STA. 300+35.57 TO STA. 303+75.11  
 STA. 304+52.62 TO STA. 308+13.37

RESURFACING OMISSIONS:

STA. 303+75.11 TO STA. 304+52.61

\* MATCH EXISTING CROSS SLOPE

NOTES:

1. CONTRACTOR SHALL MILL BEFORE PATCHING.
2. PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
3. SURFACE COURSE TO BE PLACED 1/4" ABOVE GUTTER FLAG.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50	4% @ 50 GYR.
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE IL-4.75, N50, (3/4")	3.5% @ 50 GYR.
PAVEMENT PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.
HMA DRIVEWAY PAVEMENT (SPECIAL)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 - 4" (IN 2 LIFTS)	4% @ 50 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE 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 SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

HRG PROJECT NO.: 190242  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
 THIRD STREET (NON-PARTICIPATING)**

SCALE: N.T.S. SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-RS	DUPAGE	26	6
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G38	

PAVEMENT SCHEDULE													
LOCATION	LENGTH (FT)	WIDTH (FT)	EXTRA AREA (SQ YD)	AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) (POUND)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 (3/4") (TON)	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" (SQ YD)	CLASS D PATCHES, TYPE III, 6 INCH (SQ YD)	SODDING, SPECIAL (SQ YD)	CURB REMOVAL AND REPLACEMENT (FOOT)	INLET FILTERS (EACH)
CHICAGO AVENUE	4,904			18,082									
IL RTE 83 - STOUGH ST	276	30	50	970	599	26	41	109	970	49	200	186	8
STOUGH ST - QUINCY ST	336	29	115	1,198	731	26	50	134	1,198	60	195	235	2
QUINCY ST - BRUNER ST	318	29	110	1,135	701	25	48	127	1,135	57	203	223	4
BRUNER ST - ADAMS ST	325	29	46	1,093	716	38	46	122	1,093	55	203	228	6
ADAMS ST - BODIN ST	331	29	57	1,124	724	12	47	126	1,124	56	202	231	5
BODIN ST - MONROE ST	291	29	0	938	728	29	39	105	938	47	193	232	2
MONROE ST - THURLOW ST	295	29	53	1,004	720	13	42	112	1,004	50	190	232	1
THURLOW ST - MADISON ST	289	29	0	931	730	29	39	104	931	47	193	232	1
MADISON ST - CLAY ST	363	29	71	1,241	888	29	52	139	1,241	62	208	283	4
CLAY ST - VINE ST	404	29	106	1,408	882	32	59	158	1,408	70	273	283	6
VINE ST - GRANT ST	427	29	138	1,514	938	46	64	170	1,514	76	256	299	3
GRANT ST - LINCOLN ST	414	42	106	2,038	1,316	26	86	228	2,038	102	123	290	7
LINCOLN ST - WASHINGTON ST	378	42	0	1,764	1,348	38	74	198	1,764	88	200	297	7
WASHINGTON ST - GARFIELD ST	457	34	0	1,726	1,433	17	73	193	1,726	86	311	390	6
THIRD STREET				2,012									
GRANT ST - LINCOLN ST	340	26		993	671	26	42	112	993	50	226	218	4
LINCOLN ST - WASHINGTON ST	345	27		1,019	688	26	43	115	1,019	51	247	220	2
TOTALS:					13,813	438	844	2,252	20,094	1,005	3,423	4,079	68

PAVEMENT MARKING SCHEDULE						
LOCATION	THERMOPLASTIC PAVEMENT MARKING - LETTER AND SYMBOLS (SQ FT)	THERMOPLASTIC PAVEMENT MARKING - LINE 4" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 6" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (FOOT)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (FOOT)
CHICAGO AVENUE	36	8,851	1,272	174	280	170
THIRD STREET	-	48	-	-	69	39
TOTALS:	36	8,899	1272	174	349	209

SIDEWALK SCHEDULE				
LOCATION	* PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REMOVAL (SQ FT)	** EARTH EXCAVATION (CU YD)
CHICAGO AVENUE	3,727	392	3,718	69
THIRD STREET	194	56	144	4
TOTALS:	3,921	448	3,862	73

STRUCTURE SCHEDULE		
LOCATION	* VALVE VAULTS TO BE ADJUSTED (EACH)	* FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) (EACH)
CHICAGO AVENUE	29	51
THIRD STREET	-	1
TOTALS:	29	52

\* P.C.C. CONCRETE SIDEWALK, 5 INCH SHALL INCLUDE AGG. BASE CSE, TY. B (CA-6), THICKNESS 3 INCHES PER DETAIL #42. AGG. BASE SHALL BE INCLUDED IN AS BID PRICE FOR SIDEWALK CONSTRUCTION.

\*\* EARTH EXCAVATION FOR PROPOSED SIDEWALK CONSTRUCTION HAS BEEN ASSUMED AS 6" DEEP FOR SIDEWALK AREAS. EXCAVATION IS INCLUDED IN AS BID PRICE FOR P.C.C. SIDEWALK 5 INCH. DISPOSAL OF THIS MATERIAL SHALL BE INCLUDED IN AS BID PRICE PER CU YD FOR NON-SPECIAL WASTE DISPOSAL.

\* ITEMS TO INCLUDE ADJUSTMENT WITH A PCC BASE CSE 1' BEYOND LID PERIMETER UP TO 2" BELOW SURFACE. PCC BASE CSE SHALL BE INCLUDED IN AS BID PRICE FOR STRUCTURE TO BE ADJUSTED.

HRG PROJECT NO.: 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-S17-09-Schedule.dwg  
 PLOT DATE: 4/16/2021  
 PEN TABLE: plotTable.tbl



USER NAME = tballah	DESIGNED - KH	REVISED -
	DRAWN - KH	REVISED -
PLOT SCALE =	CHECKED - BH	REVISED -
PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

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

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	7
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ENTRANCE AND ALLEY SCHEDULE								
STA	OFFSET	TYPE	DRIVEWAY PAVEMENT REMOVAL	* DRIVEWAY PAVEMENT REMOVAL	HMA DRIVEWAY PAVEMENT 4"	PCC DRIVEWAY PAVEMENT - 6 INCH (SPECIAL)	BRICK DRIVEWAY PAVEMENT	**AGG. BASE CSE. TY. B
			SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	TONS
CHICAGO AVE								
104+43.16	RT	PCC	228.16	26		26		18
104+71.26	RT	PCC	113.64	13		13		9
107+45.87	LT	PCC	119.64	14		14		10
107+55.98	RT	PCC	523.36	59		59		41
108+10.55	LT	PCC	103.65	12		12		8
110+54.04	LT	HMA	128.37	15	15			21
110+89.68	RT	PCC	182.13	21		21		15
114+33.32	LT	HMA	110.32	13	13			18
114+39.43	RT	PCC	76.14	9		9		6
115+20.42	LT	BRICK	122.6	14			14	10
116+01.71	LT	PCC	113.03	13		13		9
116+45.76	LT	PCC	78.88	9		9		6
116+77.17	LT	HMA	95.13	11	11			15
117+21.12	LT	HMA	75.48	9	9			13
117+57.12	RT	PCC	150.68	17		17		12
117+77.37	LT	HMA	74.01	9	9			13
117+97.41	LT	PCC	90.21	11		11		8
120+75.49	LT	PCC	75.08	9		9		6
120+82.51	RT	PCC	285.92	32		32		22
121+43.81	LT	HMA	98.3	11	11			15
122+40.39	LT	PCC	78.41	9		9		6
123+66.55	LT	PCC	85.22	10		10		7
124+12.62	RT	PCC	146.79	17		17		12
124+26.09	LT	PCC	94.69	11		11		8
124+51.23	RT	PCC	121.67	14		14		10
124+92.08	LT	PCC	70.36	8		8		6
127+02.06	LT	BRICK	73.6	9			9	6
131+02.02	LT	PCC	98.39	11		11		8
131+84.47	LT	PCC	75.95	9		9		6
132+09.43	LT	PCC	122.33	14		14		10
135+94.94	LT	PCC	335.65	38		38		26
140+22.45	LT	PCC	139.62	16		16		11
140+48.41	RT	PCC	145.2	17		17		12
140+65.08	LT	PCC	149.86	17		17		12
141+03.45	RT	PCC	170.19	19		19		13
141+83.50	RT	PCC	144.6	17		17		12
143+69.25	RT	PCC	82.2	10		10		7
144+27.34	RT	PCC	80.3	9		9		6
144+36.65	LT	PCC	82.2	10		10		7
144+82.92	LT	PCC	167	19		19		13
145+37.59	RT	PCC	101.1	12		12		8
145+87.10	LT	PCC	78.3	9		9		6
145+91.83	RT	PCC	105.8	12		12		8
CHICAGO AVE TOTALS =				644	68	553	23	495
THIRD ST.								
300+68.16	LT	PCC	63.02	8		8		6
300+96.33	RT	PCC	68.77	8		8		6
301+15.96	LT	PCC	72.12	9		9		6
301+38.80	LT	BRICK	81.55	10			10	7
302+14.27	RT	HMA	65.87	8	8			11
302+59.44	LT	PCC	84.22	10		10		7
302+72.87	RT	PCC	77.34	9		9		6
306+21.83	RT	PCC	231.94	26		26		18
THIRD ST. TOTALS =				88	8	70	10	67
TOTALS =				732	76	623	33	562

RDUM & PGE SCHEDULE			
LOCATION	OFFSET	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	POROUS GRANULAR EMBANKMENT
		CU YD	CU YD
CHICAGO AVENUE			
	LT/RT	121	121
THIRD STREET			
	LT/RT	13	13
TOTAL		134	134

\* TEMP. AGGREGATE AS REQUIRED FOR ACCESS TO ALL DRIVEWAYS SHALL BE INCLUDED IN THE UNIT PRICE AS BID FOR SQ. YD. OF DRIVEWAY PAVEMENT REMOVAL  
 \*\* DRIVEWAY AGGREGATE BASE COURSE INCLUDED IN UNIT PRICE PER SQ YD OF DRIVEWAY PAVEMENT PER SPECIAL PROVISIONS.  
 8" OF AGG. BASE CSE. TY. B SHALL BE USED FOR HMA DRIVEWAYS  
 4" OF AGG. BASE CSE. TY. B SHALL BE USED FOR PCC AND BRICK DRIVEWAYS

HRG PROJECT NO.: 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-SHT-10-Schedule02.dgn  
 PLOT DATE: 4/16/2021  
 PEN TABLE: 190242.tbl



USER NAME = tballah	DESIGNED - KH	REVISED -
PLOT SCALE =	DRAWN - KH	REVISED -
PLOT DATE = 4/16/2021	CHECKED - BH	REVISED -
	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE:	SHEET 2	OF 2 SHEETS	STA. TO STA.

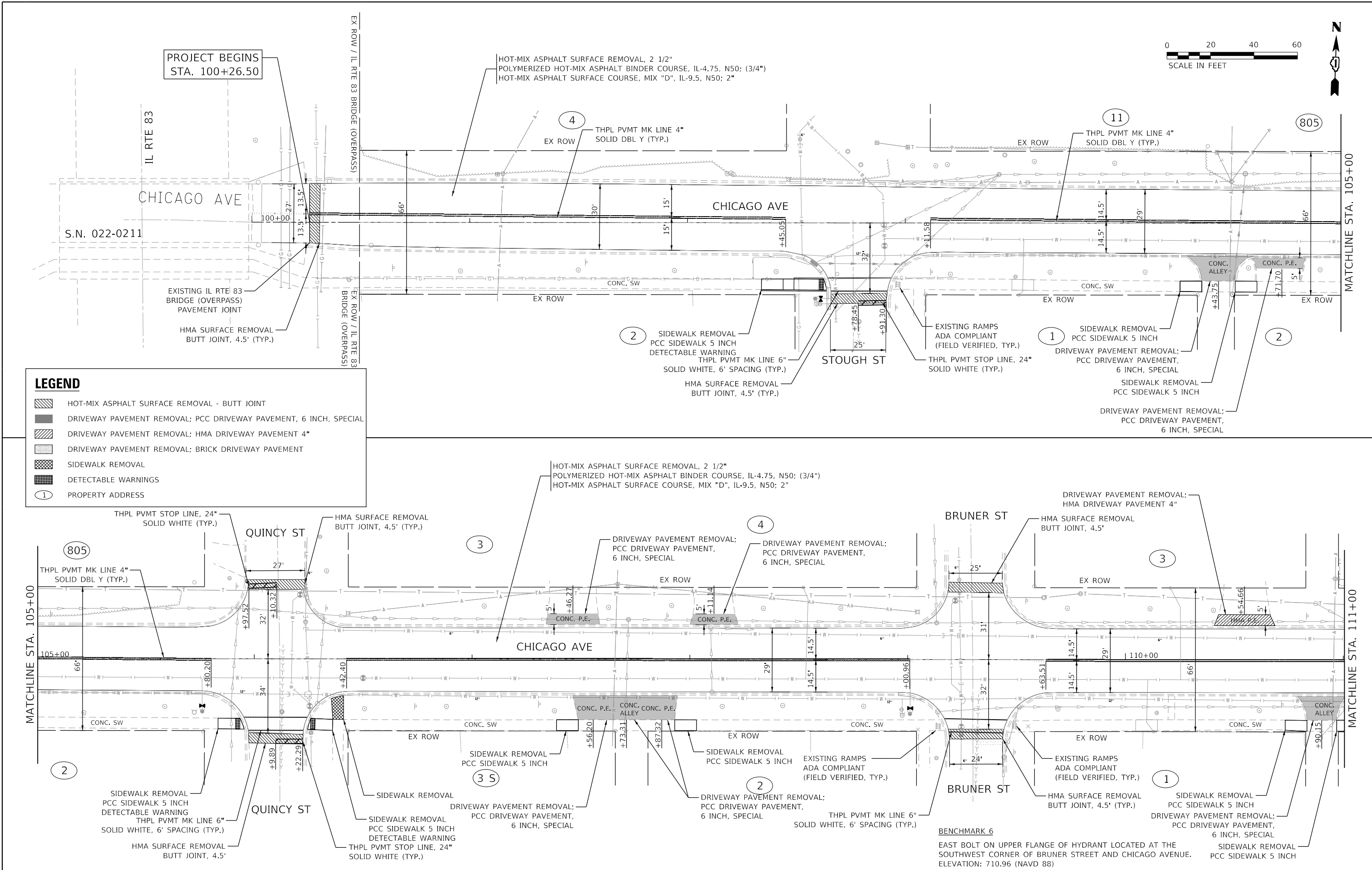
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	8
CONTRACT NO. 61G38			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	NO. 022-0211	
	FILE NAME	
	TABLE NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO.	

HRG PROJECT NO. 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-SPR-19-RoadPlan.dwg  
 PEN TABLE: 190242.tbl



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL; PCC DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- DRIVEWAY PAVEMENT REMOVAL; HMA DRIVEWAY PAVEMENT 4"
- DRIVEWAY PAVEMENT REMOVAL; BRICK DRIVEWAY PAVEMENT
- SIDEWALK REMOVAL
- DETECTABLE WARNINGS
- PROPERTY ADDRESS

USER NAME	= tballah
DESIGNED	- KH
DRAWN	- KH
CHECKED	- BH
DATE	- 2/3/2021

REVIS	-
REVIS	-
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REVIS	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN  
CHICAGO AVENUE**

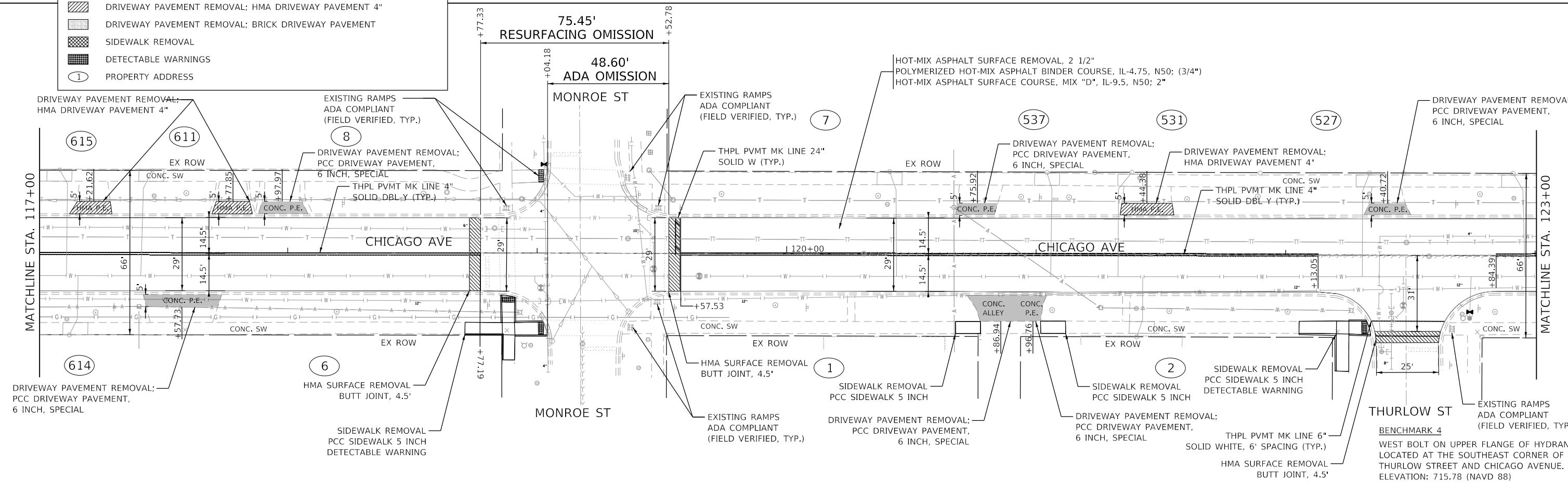
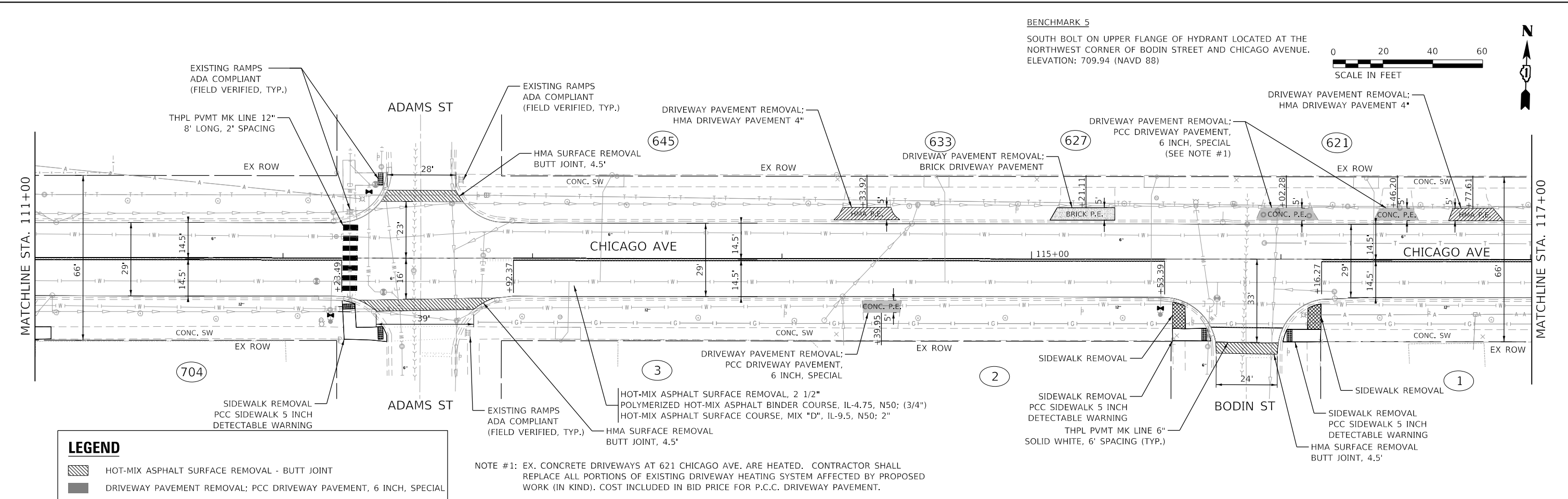
SCALE: 1" = 20' SHEET 1 OF 6 SHEETS STA. 100+00 TO STA. 111+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	9
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G38	

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	CHECKED
	ALIGNED
	FILED
	NO. 1
	NO. 2
	NO. 3
	NO. 4
	NO. 5
	NO. 6
	NO. 7
	NO. 8
	NO. 9
	NO. 10

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	CHECKED
	GRADES
	STRUCTURE
	NOTATIONS
	CHKD
	NO. 1
	NO. 2
	NO. 3
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	NO. 10

HRG PROJECT NO. 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-S17-12-R0202.dgn  
 PEN TABLE: 190242.tbl



**HRGreen.com**  
 Micro Professional Design Firm  
 #184-001322

USER NAME	= tballah
DESIGNED	- KH
DRAWN	- KH
CHECKED	- BH
DATE	- 2/3/2021
REVISIONS	
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REVISIONS	

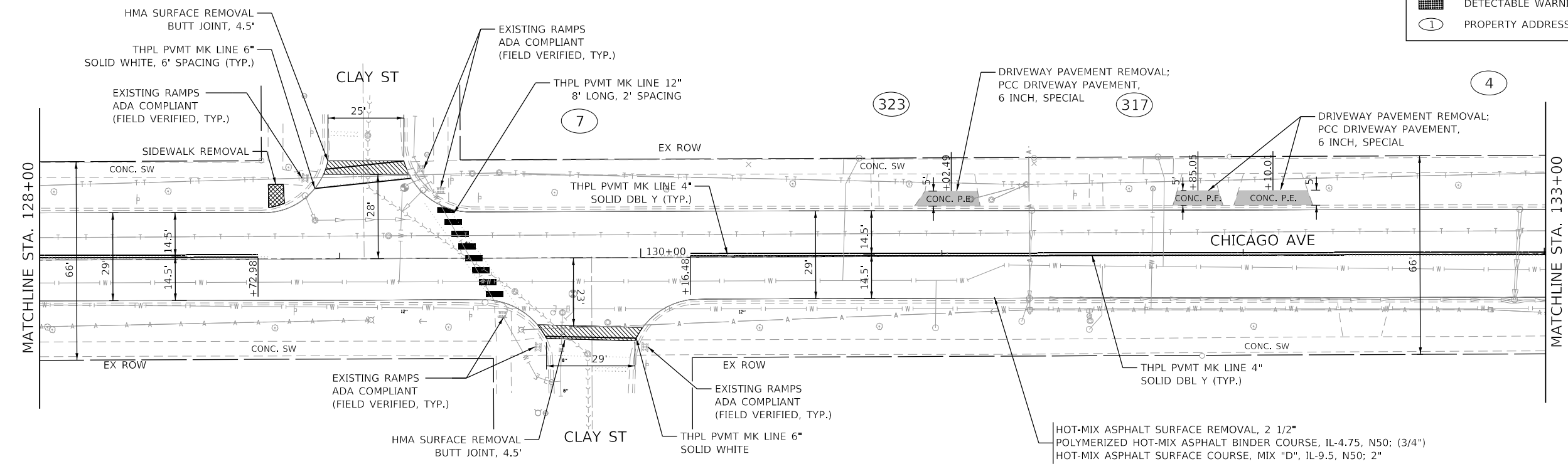
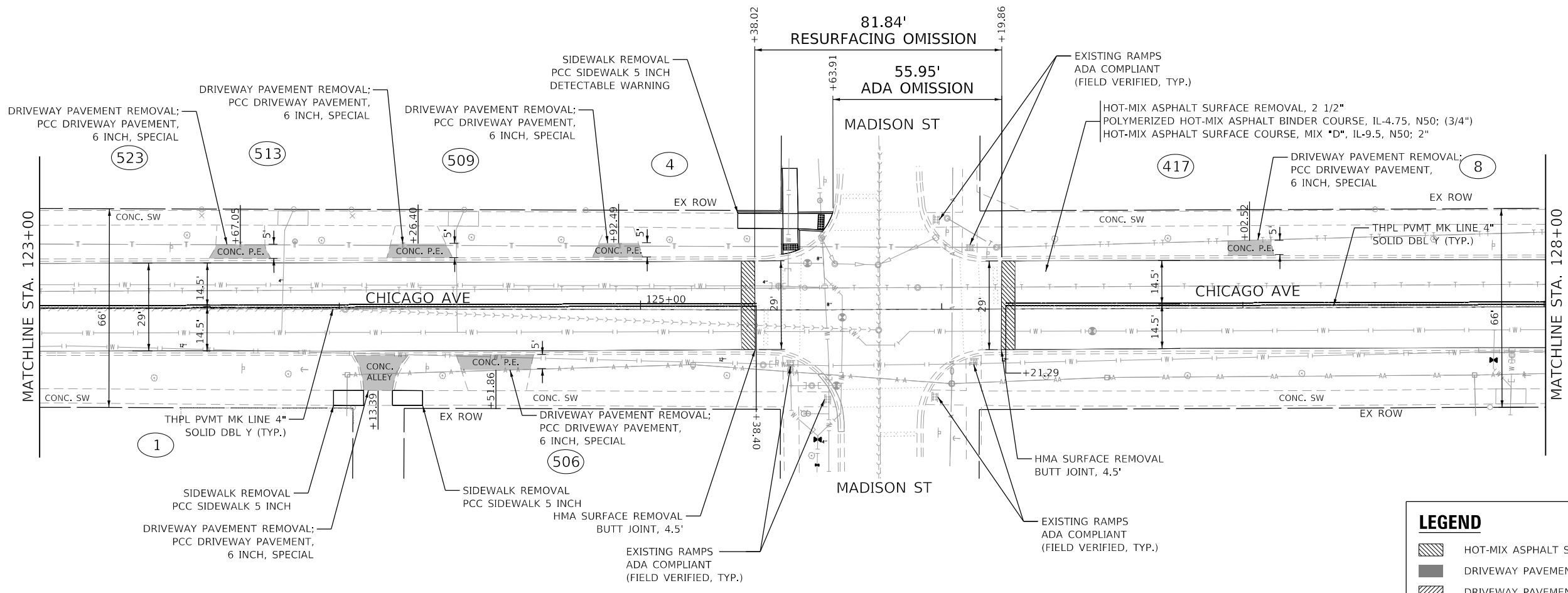
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN**  
**CHICAGO AVENUE**  
 SCALE: 1" = 20'  
 SHEET 2 OF 6 SHEETS  
 STA. 111+00 TO STA. 123+00

F.A.U. R.T.E.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	10
				CONTRACT NO. 61G38
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	PEN TABLE	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	FILE NAME	
	PEN TABLE	



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL; PCC DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- DRIVEWAY PAVEMENT REMOVAL; HMA DRIVEWAY PAVEMENT 4"
- DRIVEWAY PAVEMENT REMOVAL; BRICK DRIVEWAY PAVEMENT
- SIDEWALK REMOVAL
- DETECTABLE WARNINGS
- PROPERTY ADDRESS

**BENCHMARK 3**  
 NORTH BOLT ON UPPER FLANGE OF HYDRANT LOCATED AT THE SOUTHWEST CORNER OF CLAY STREET AND CHICAGO AVENUE.  
 ELEVATION: 695.17 (NAVD 88)

HRG PROJECT NO.: 190242  
 HRG PROJ. CONT. ACT:  
 FILE NAME: 190242-SP-1-13-190242.dgn  
 PEN TABLE: 190242.tbl



USER NAME =	tballah	DESIGNED -	KH	REVISED -	
		DRAWN -	KH	REVISED -	
PLOT SCALE =		CHECKED -	BH	REVISED -	
PLOT DATE =	4/16/2021	DATE -	2/3/2021	REVISED -	

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

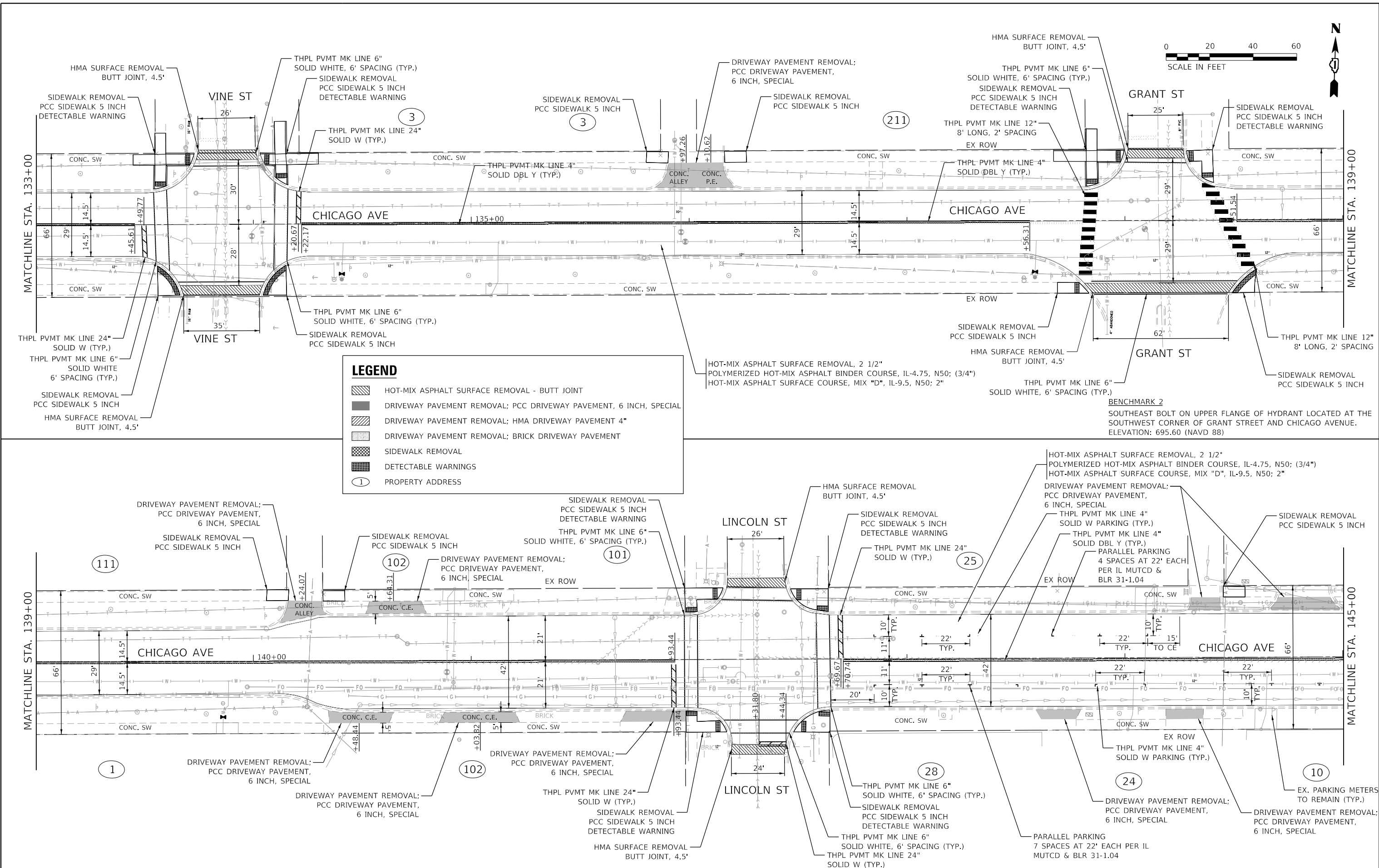
<b>ROADWAY AND PAVEMENT MARKING PLAN</b>			
<b>CHICAGO AVENUE</b>			
SCALE: 1" = 20'	SHEET 3	OF 6 SHEETS	STA. 123+00 TO STA. 133+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	11
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT
			CONTRACT NO. 61G38	

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
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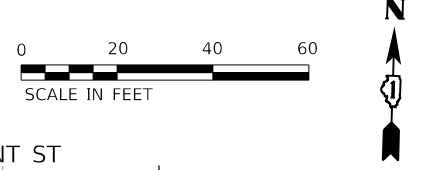
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NOTE BOOK	
	NO.	

HRG PROJECT NO. 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-S17-A-R0204.dgn  
 PEN TABLE: 190242.tbl



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- DRIVEWAY PAVEMENT REMOVAL; PCC DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
- DRIVEWAY PAVEMENT REMOVAL; HMA DRIVEWAY PAVEMENT 4"
- DRIVEWAY PAVEMENT REMOVAL; BRICK DRIVEWAY PAVEMENT
- SIDEWALK REMOVAL
- DETECTABLE WARNINGS
- PROPERTY ADDRESS



USER NAME =	tballsh
DESIGNED -	KH
DRAWN -	KH
CHECKED -	BH
DATE -	2/3/2021

REVISIED -	
REVISIED -	
REVISIED -	
REVISIED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

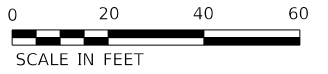
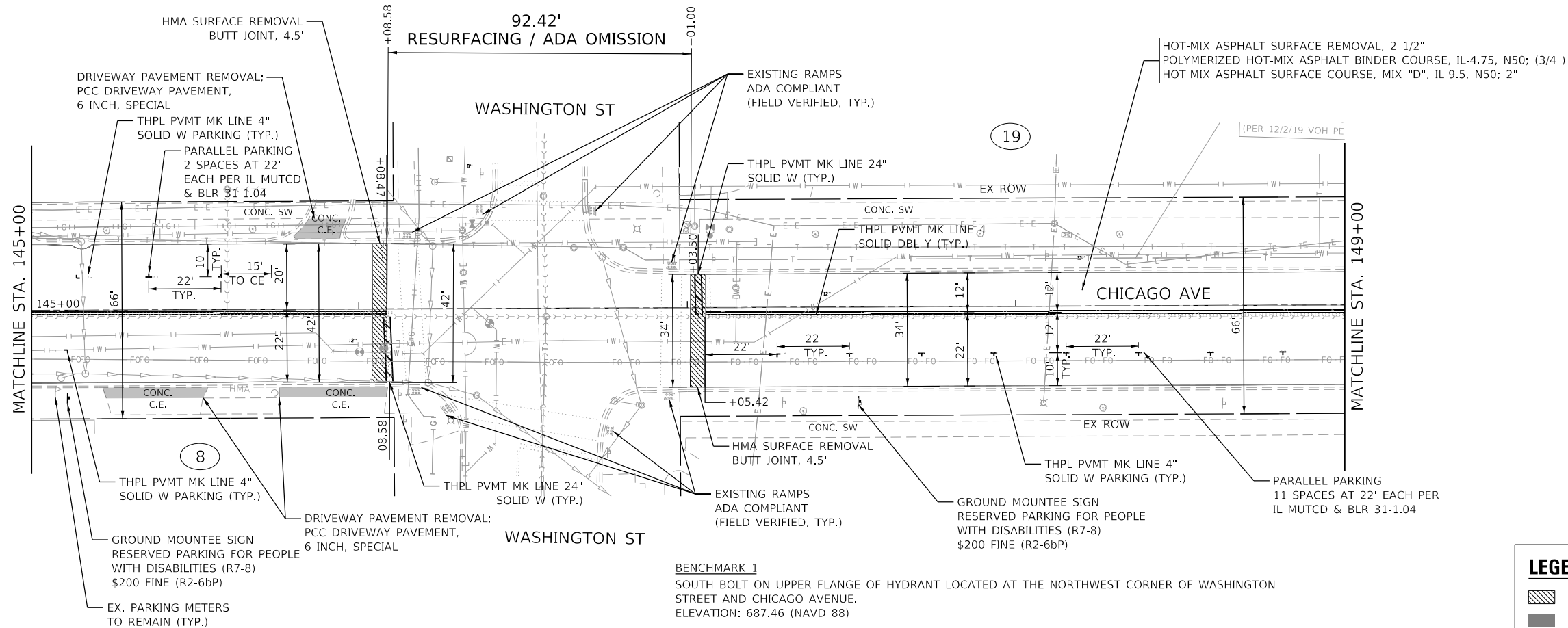
**ROADWAY AND PAVEMENT MARKING PLAN  
 CHICAGO AVENUE**

SCALE: 1" = 20' SHEET 4 OF 6 SHEETS STA. 133+00 TO STA. 145+00

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	12
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

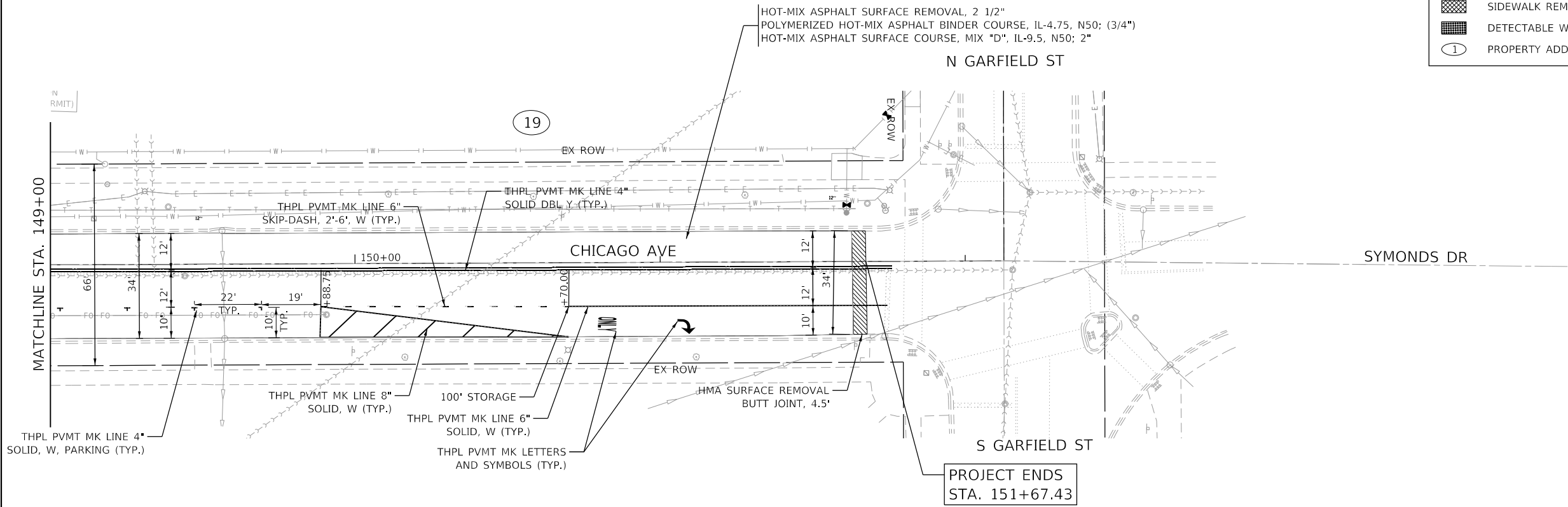
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	PROJECT	
	DATE	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE	
	NOTATIS	
	CHKD	
	NO.	
	FILE NAME	
	PROJECT	
	DATE	



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	DRIVEWAY PAVEMENT REMOVAL; PCC DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
	DRIVEWAY PAVEMENT REMOVAL; HMA DRIVEWAY PAVEMENT 4"
	DRIVEWAY PAVEMENT REMOVAL; BRICK DRIVEWAY PAVEMENT
	SIDEWALK REMOVAL
	DETECTABLE WARNINGS
	PROPERTY ADDRESS

HRG PROJECT NO.: 190242  
 HRG PROJ. CONT. ACT:  
 FILE NAME: 190242-SP-15-PAV05.dgn  
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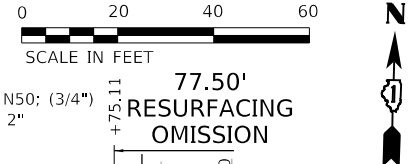
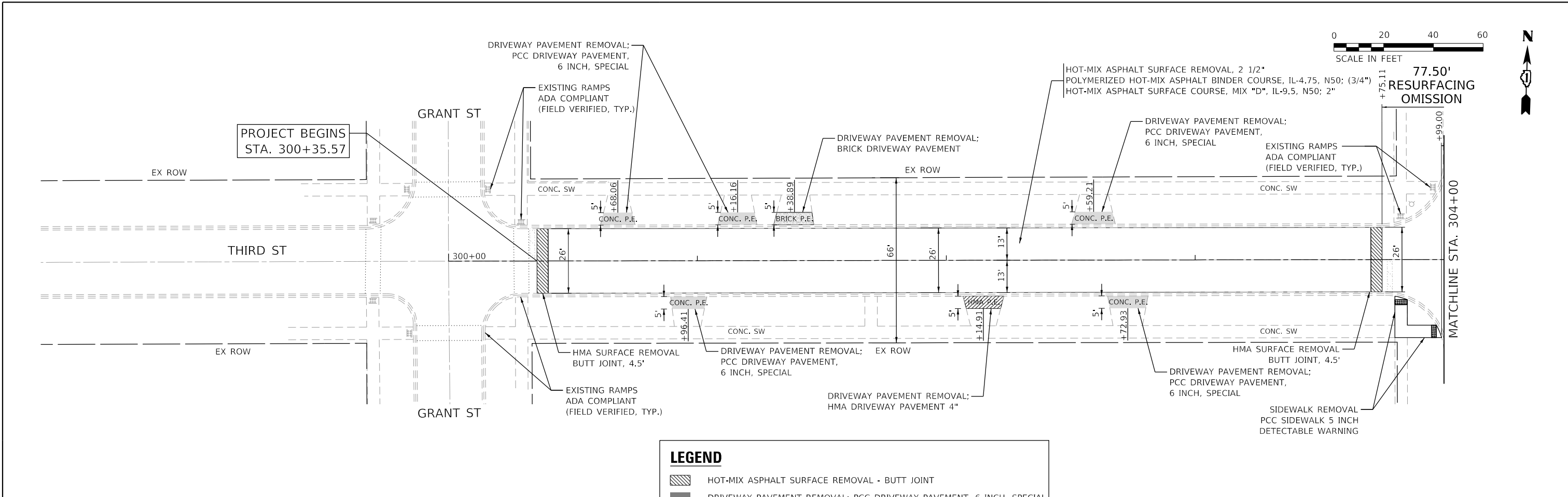


	HRGreen.com Micro Professional Design Firm #184-001322	USER NAME = tballah DESIGNED - KH DRAWN - KH CHECKED - BH DATE - 2/3/2021	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>ROADWAY AND PAVEMENT MARKING PLAN</b> <b>CHICAGO AVENUE</b>	F.A.U. R.E. 1487 SECTION NO. 19-00098-00-R5 COUNTY DUPAGE TOTAL SHEETS 26 SHEET NO. 13	CONTRACT NO. 61G38
	PLOT SCALE = PLOT DATE = 4/16/2021		SCALE: 1" = 20' SHEET 5 OF 6 SHEETS STA. 145+00 TO STA. 151+67.43			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

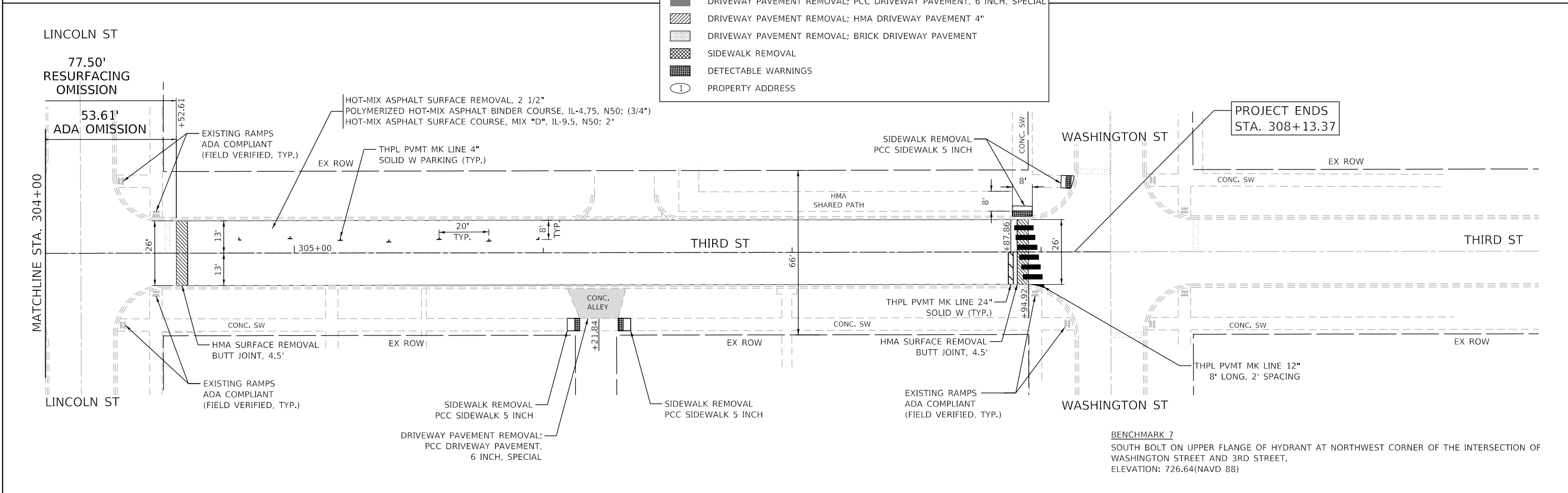
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	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
	NO. _____	

HRG PROJECT NO.: 190242  
 HRG PROJ. CONT. ACT:  
 FILE NAME: 190242-SPT-17-190242.dgn  
 PEN TABLE: 190242.tbl



LEGEND	
	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	DRIVEWAY PAVEMENT REMOVAL; PCC DRIVEWAY PAVEMENT, 6 INCH, SPECIAL
	DRIVEWAY PAVEMENT REMOVAL; HMA DRIVEWAY PAVEMENT 4"
	DRIVEWAY PAVEMENT REMOVAL; BRICK DRIVEWAY PAVEMENT
	SIDEWALK REMOVAL
	DETECTABLE WARNINGS
	PROPERTY ADDRESS



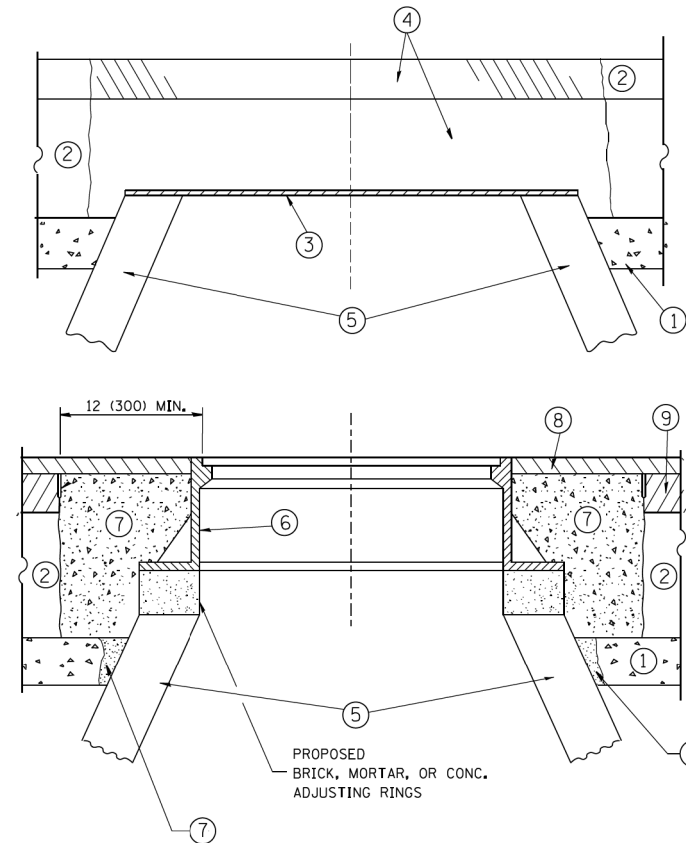
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	DRAWN - KH	REVISED -
PLOT SCALE =	CHECKED - BH	REVISED -
PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN  
THIRD STREET (NON-PARTICIPATING)**

SCALE: 1" = 20'    SHEET 6 OF 6 SHEETS    STA. 300+00 TO STA. 307+94.92

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	14
CONTRACT NO. 61G38				
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1/2 (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**STAGE 2 (AFTER PAVEMENT MILLING)**

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1\* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

\* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

**LEGEND**

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1\* CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

**LOCATION OF STRUCTURES:**

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

**BASIS OF PAYMENT:**

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

**NOTES:**

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING**

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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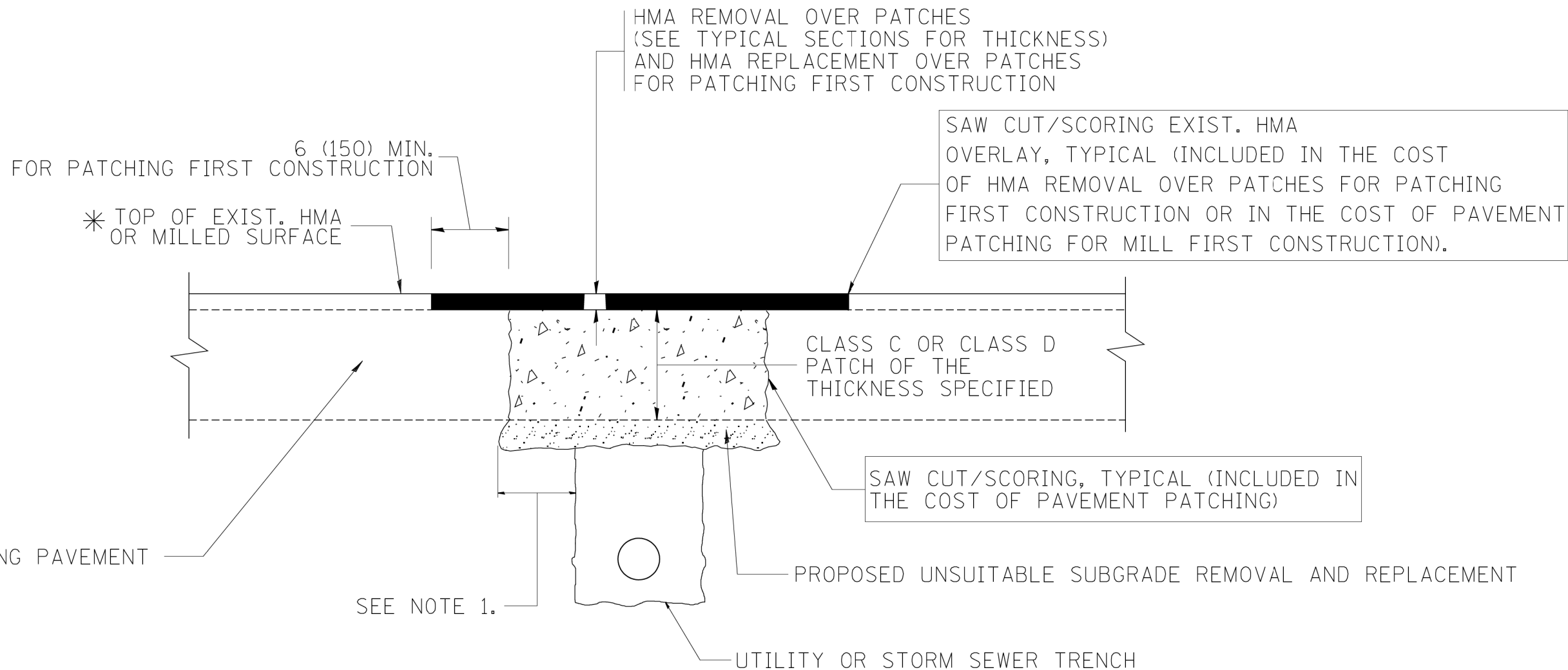
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR  
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: N.T.S. SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	15
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



\* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT**

SCALE: N.T.S. SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G38	



VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001  
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

**BASIS OF PAYMENT:**  
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

\* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

\*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.  
SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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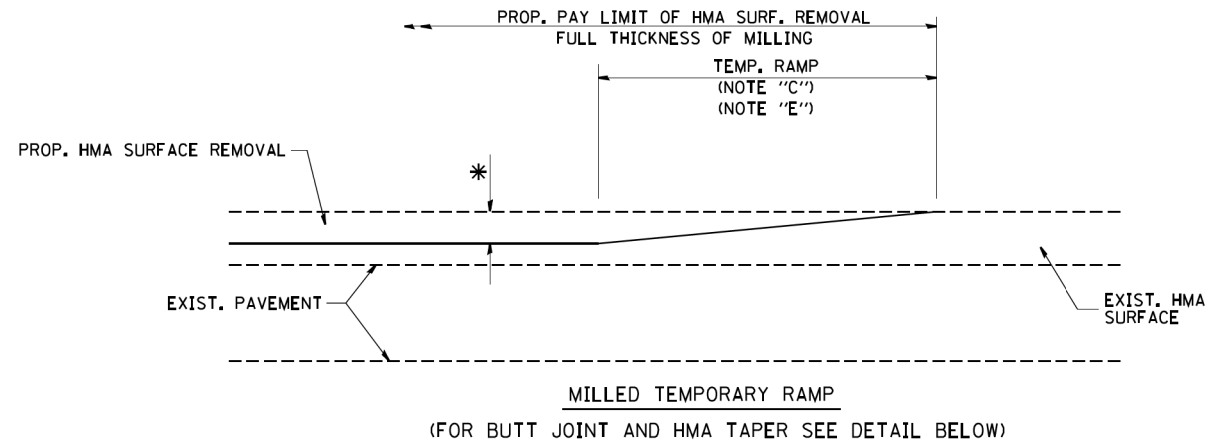
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 Illinois Professional Design Firm  
 #184-001322

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PLOT DATE = 4/16/2021	DATE - 2/3/2021	REVISED -

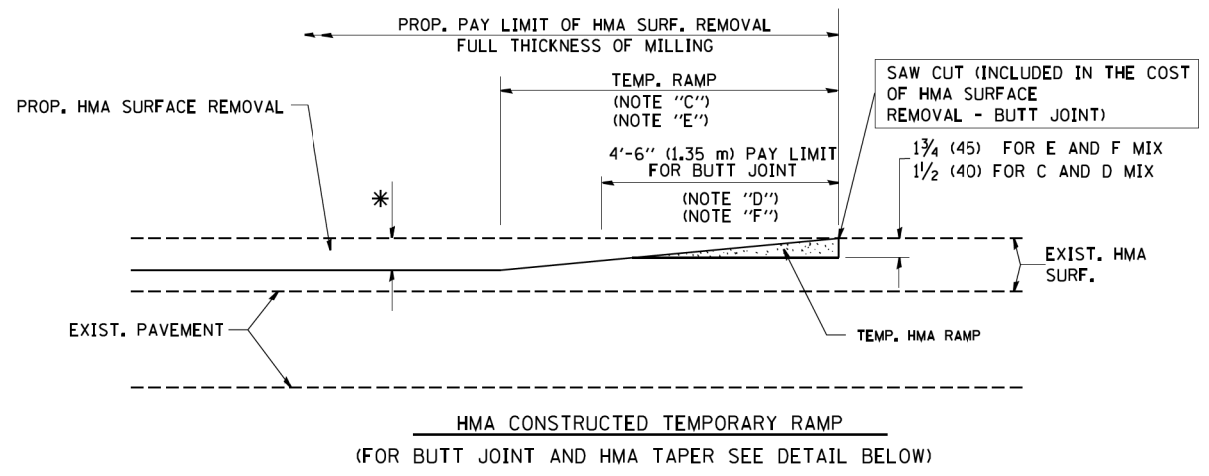
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			
SCALE: N.T.S.	SHEET 3 OF 8 SHEETS	STA.	TO STA.

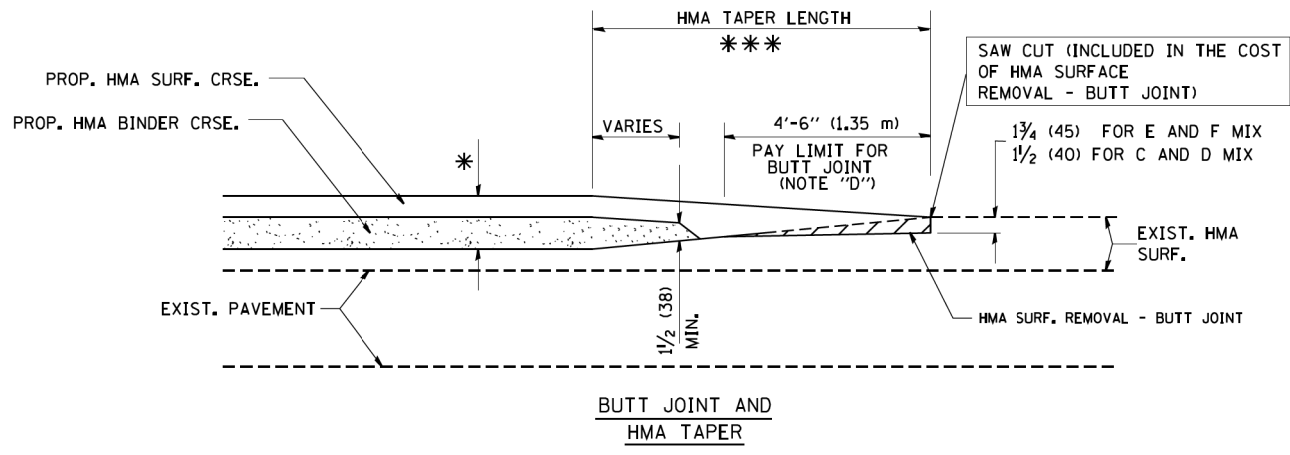
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1487	19-00098-00-R5	DUPAGE	26	17
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G38	



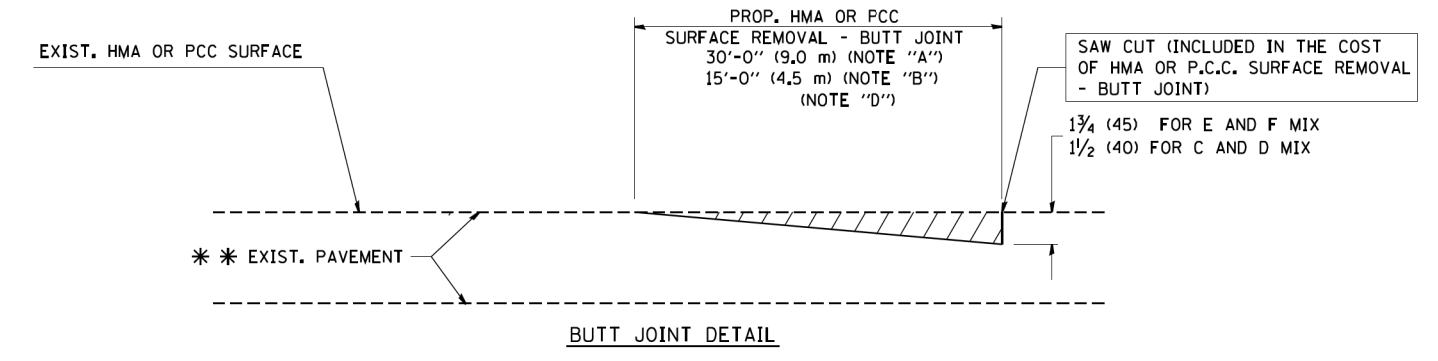
**OPTION 1**



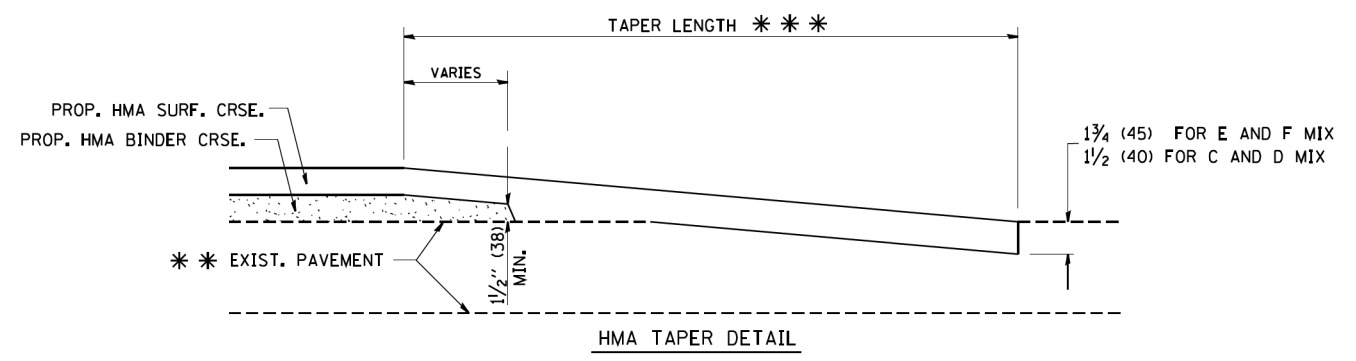
**OPTION 2  
TYPICAL TEMPORARY RAMP**



**TYPICAL BUTT JOINT AND HMA TAPER  
FOR MILLING AND RESURFACING**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER  
FOR RESURFACING ONLY**

\* \* \* PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

**NOTES**

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
  - B: MINOR SIDE ROADS.
  - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
  - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
  - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
  - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
  - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- \* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- \* \* \* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT:**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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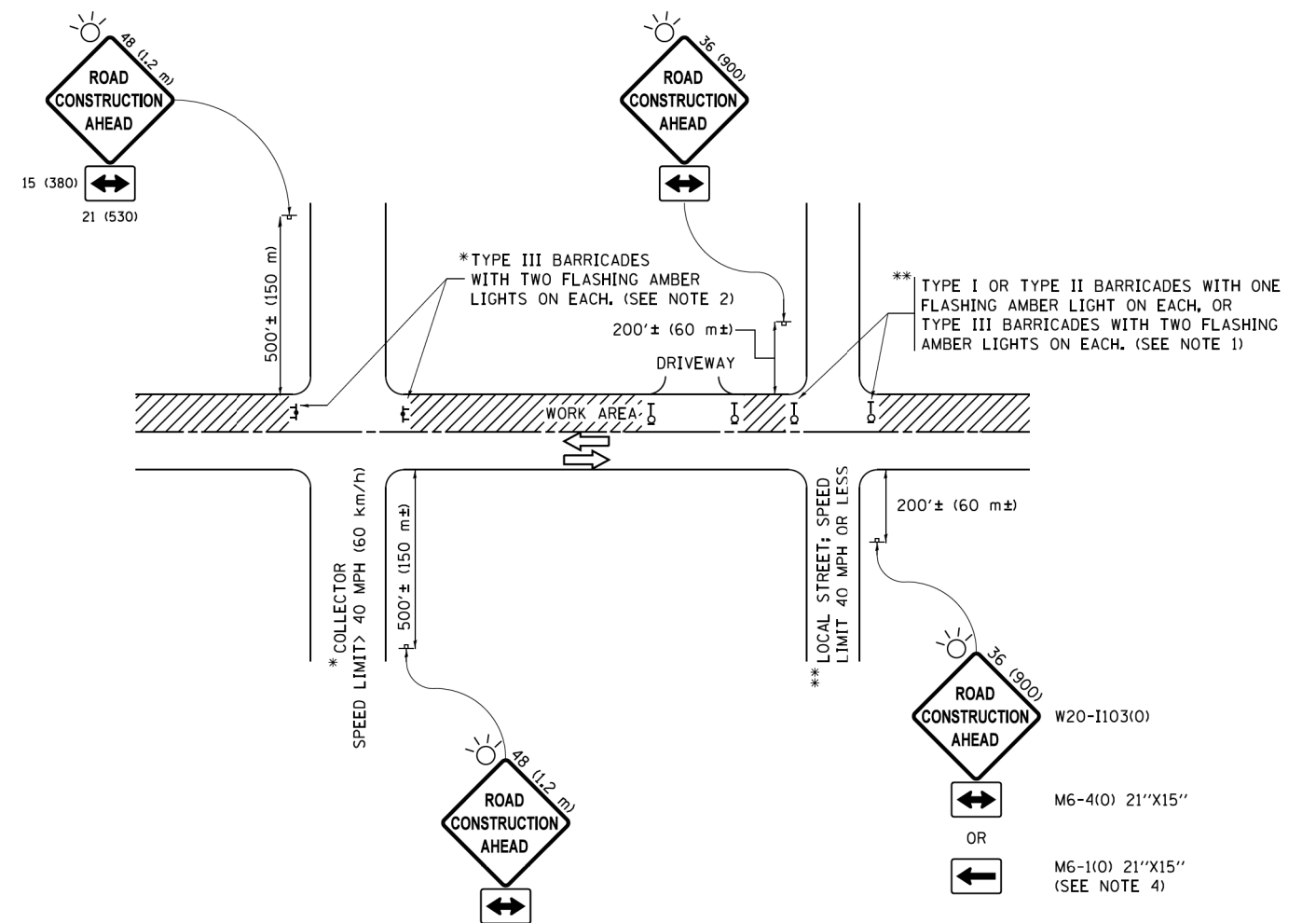
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	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND  
HMA TAPER DETAILS**

SCALE: N.T.S. SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-RS	DUPAGE	26	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G38	



**NOTES:**

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

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 #184-001322

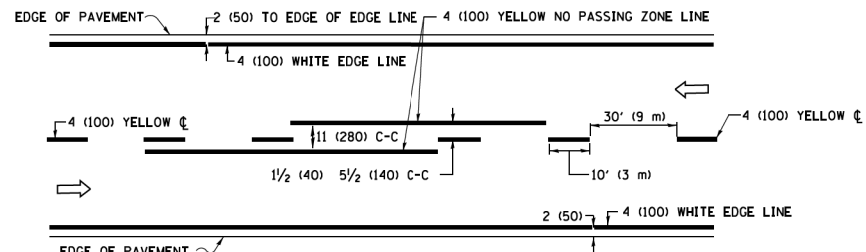
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

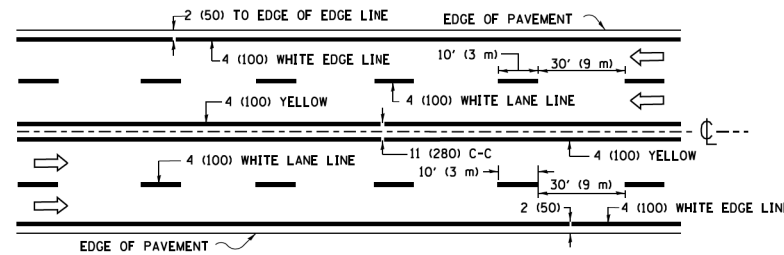
**TRAFFIC CONTROL AND PROTECTION FOR  
 SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: N.T.S. SHEET 5 OF 8 SHEETS STA. TO STA.

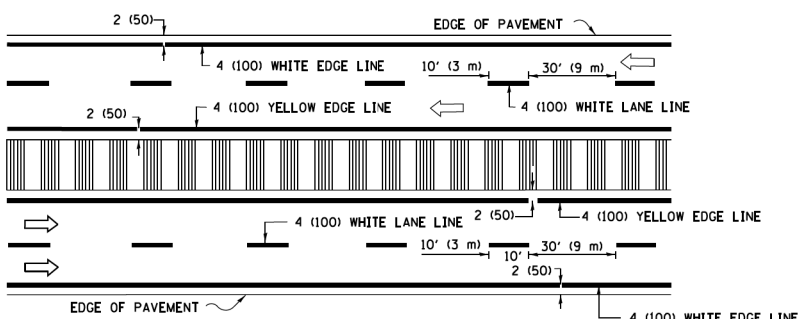
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1487	19-00098-00-R5	DUPAGE	26	19
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

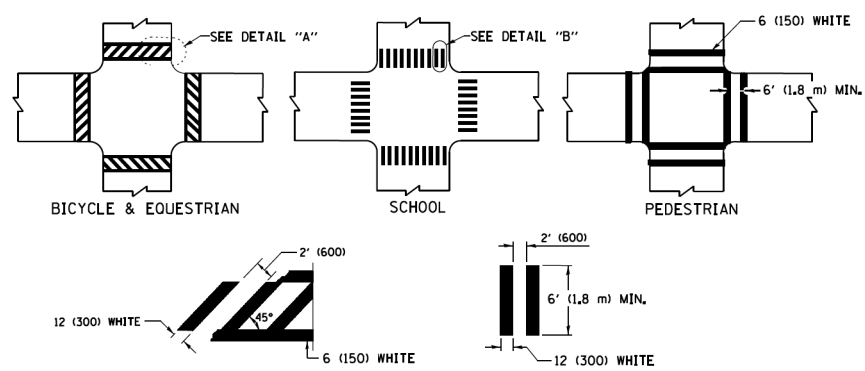


**MULTI-LANE UNDIVIDED**



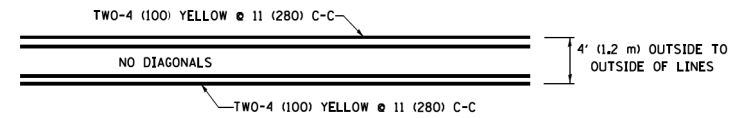
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

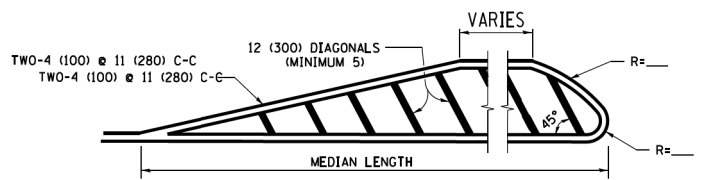


**TYPICAL CROSSWALK MARKING**

\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

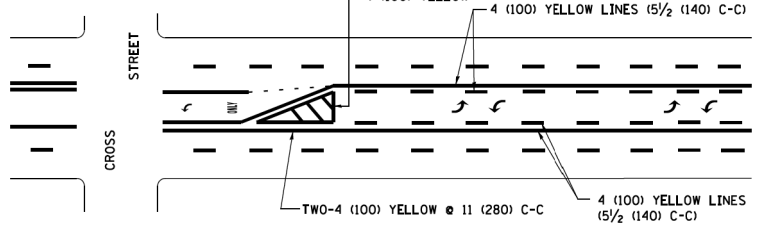


**4' (1.2 m) WIDE MEDIANS ONLY**

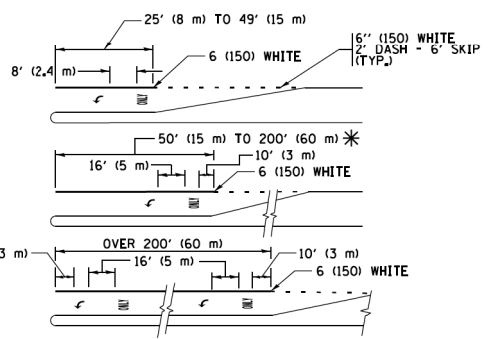


**MEDIANS OVER 4' (1.2 m) WIDE**

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))



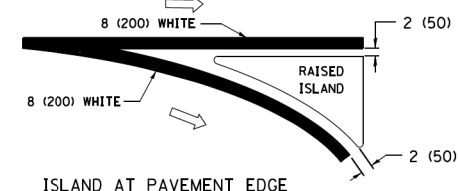
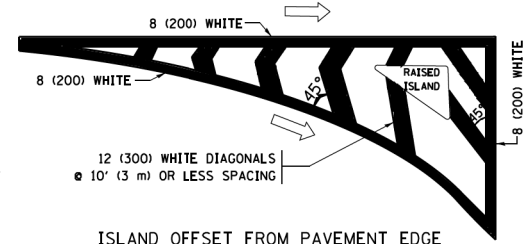
**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**



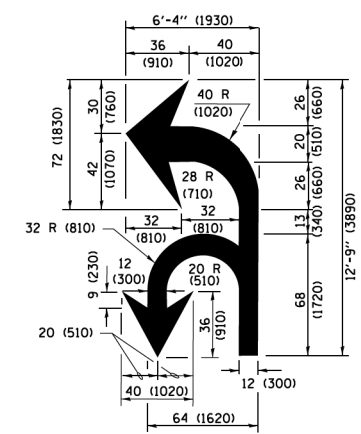
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

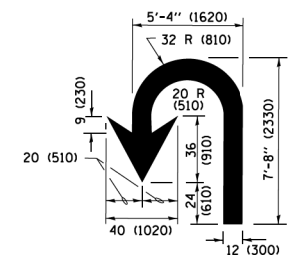
**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

\* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

HRG PROJECT NO: 190242  
HRG PROJ. CONTACT:  
FILE NAME: 190242-SP-1-23-GenDrf-01s06.dgn  
PEN TABLE: 190242.tbl



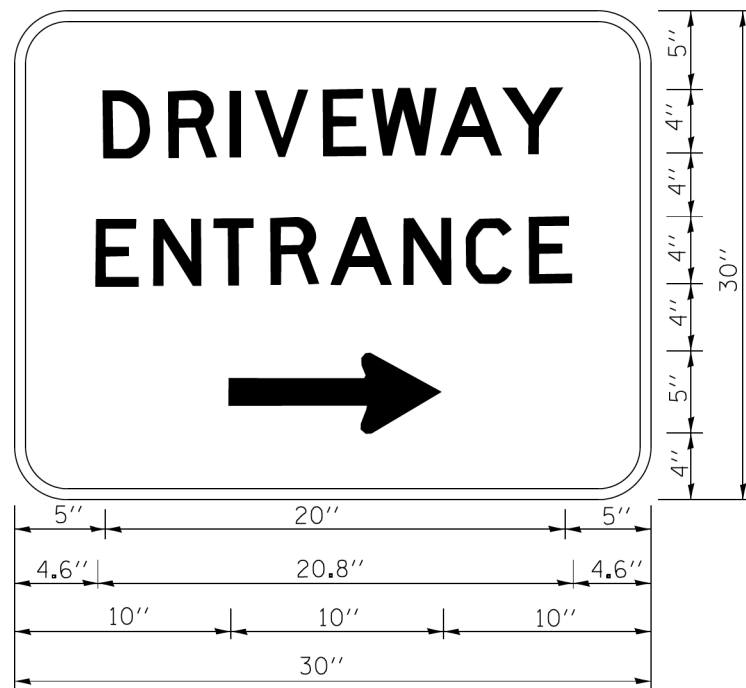
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PLOT SCALE =	DRAWN - KH	REVISED -
PLOT DATE = 4/16/2021	CHECKED - BH	REVISED -
	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE TYPICAL PAVEMENT MARKINGS**

SCALE: N.T.S. SHEET 6 OF 8 SHEETS STA. TO STA.

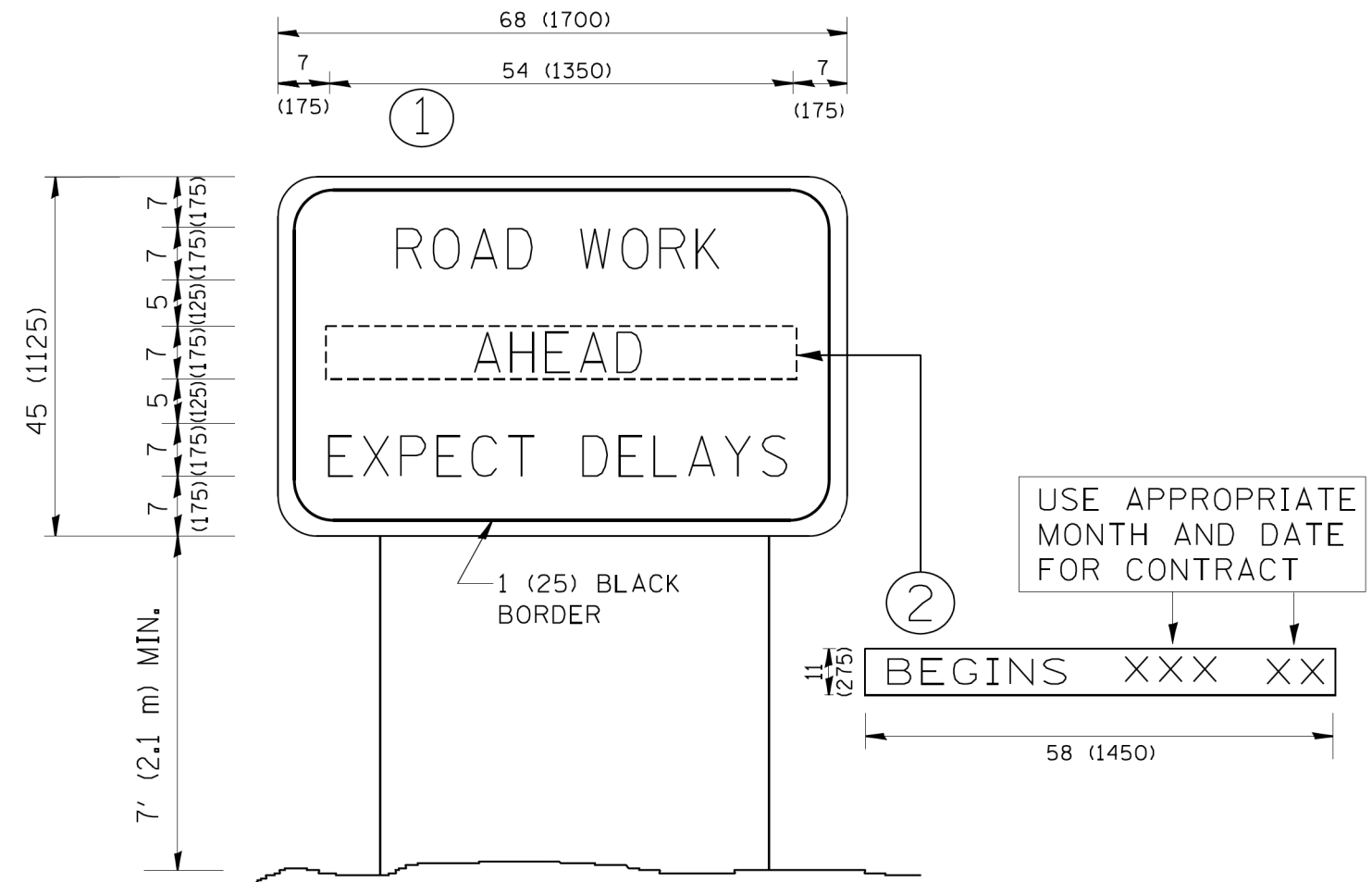
F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G38	



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED  
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

**NOTES:**

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)  
 UNLESS OTHERWISE SHOWN.

HRG PROJECT NO.: 190242  
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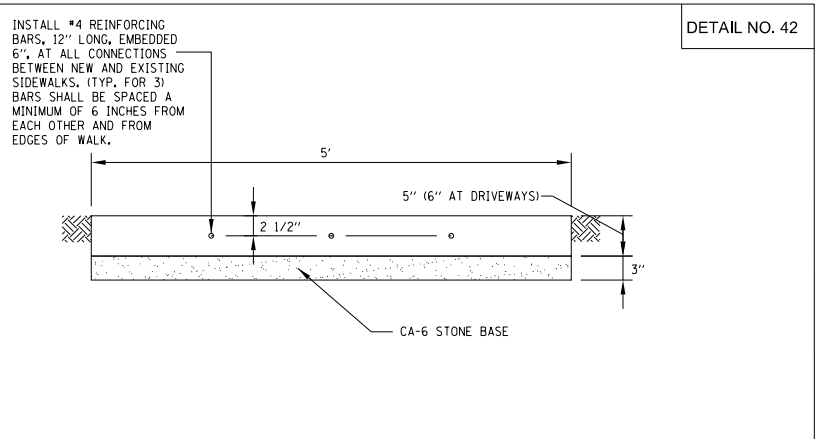
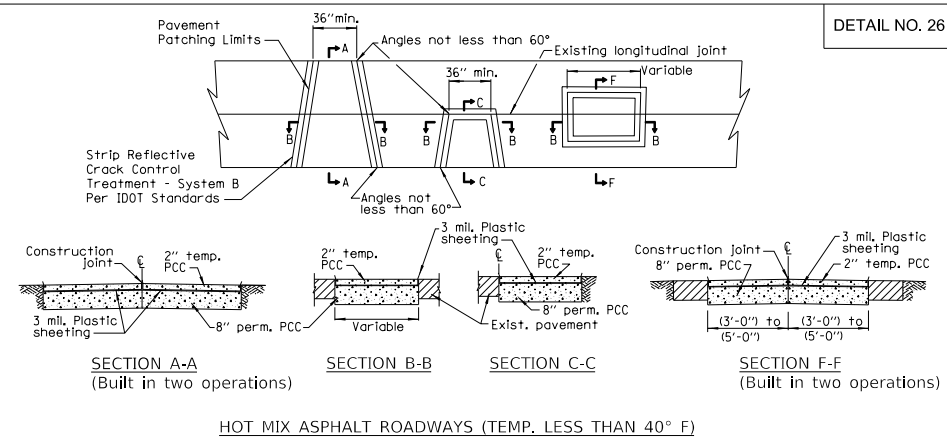
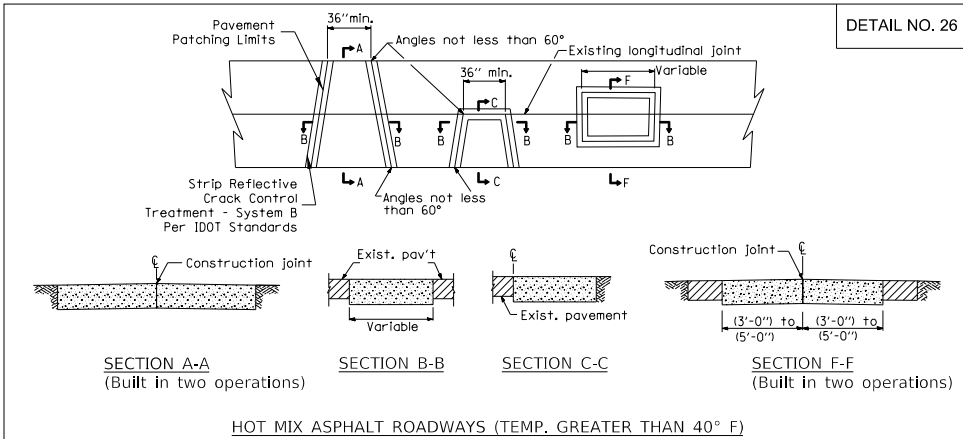


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	DRAWN - KH	REVISED -
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PLOT DATE = 4/16/2021	DATE - 4/16/2021	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TEMPORARY INFORMATION SIGNING			
SCALE: N.T.S.	SHEET 7	OF 8 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	21
CONTRACT NO. 61G38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**GENERAL NOTES:**

- All pavements must be saw cut using a wet saw prior to any excavation.
- All Street patches must be inspected prior to placement of hot mix asphalt materials.
- All granular backfill must be compacted through jetting or tamping.
- Granular material will not be permitted as a temporary surface material. Steel plates, cold mix asphalt, or other materials approved by the Village Engineer shall be utilized.
- In locations where bituminous patches will be overlaid with bituminous surface course, strip reflective crack control treatment shall be applied to all pavement joints and centered along the respective joints.
- In locations where the pavement patch will not be overlaid, two (2) inches of bituminous surface course shall be laid in the final lift of the patch.
- The depth of the bituminous pavement patch shall match the full depth of the existing pavement, but shall not be less than the Village Standard for the respective pavement section.

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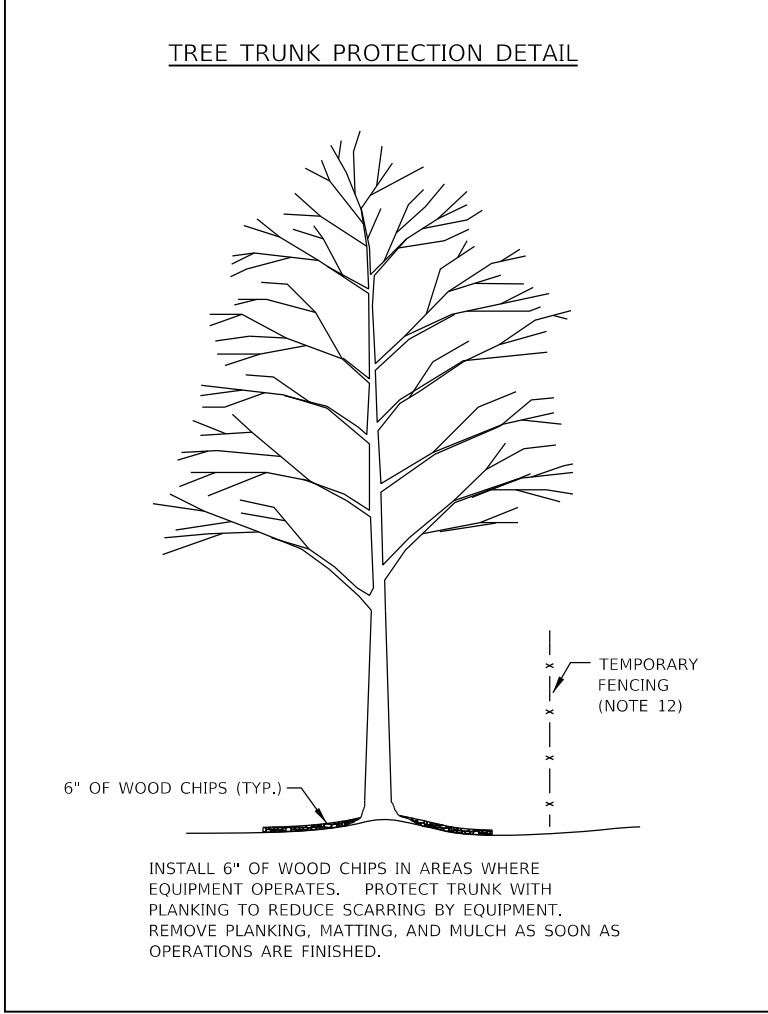
**NOTES:**

- SIDEWALKS ADJACENT TO THE BACK OF CURB SHALL BE A MINIMUM OF 6' IN WIDTH.
- ALL SIDEWALK SHALL BE CONSTRUCTED WITH IDOT CLASS "SI" CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI AT 14 DAYS
- PREFORMED EXPANSION JOINTS (3/4" THICK) SHALL BE CONSTRUCTED IN SIDEWALK EVERY 100 FEET AND AT ALL ABUTTING DRIVEWAYS AND CURB AND GUTTER.
- TOOLED CONTRACTION JOINTS SHALL BE CONSTRUCTED IN SIDEWALK EVERY FIVE FEET.
- SIDEWALK SHALL HAVE 1/4" PER FOOT CROSS-SLOPE.
- SIDEWALKS SHALL BE TESTED PER VILLAGE CODE 11-6-6(B).

VILLAGE OF HINSDALE  
STANDARD DETAIL  
FOR  
PAVEMENT PATCHING  
SHEET 1

VILLAGE OF HINSDALE  
STANDARD DETAIL  
FOR  
PAVEMENT PATCHING  
SHEET 2

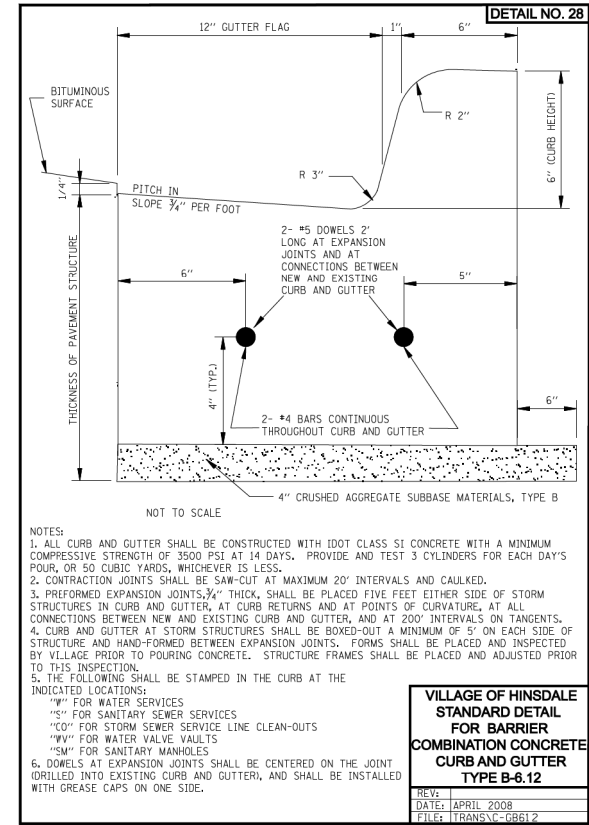
VILLAGE OF HINSDALE  
STANDARD DETAIL  
FOR  
SIDEWALK



**STANDARD TREE PROTECTION ZONE GUIDELINES**

- TREES WITHING THE PUBLIC RIGHT-OF-WAY MAY NOT BE REMOVED FOR ANY REASON AND ARE TO BE PROTECTED FROM INJURY OR DAMAGE DURING CONSTRUCTION. THIS TREE IS A SIGNIFICANT TREE IN THE VILLAGE OF HINSDALE. PRUNING SHALL ONLY BE DONE BY FORESTRY STAFF TO PROVIDE CLEARANCE FOR CONSTRUCTION ACTIVITIES. QUESTIONS REGARDING STREET TREES MAY BE DIRECTED TO THE VILLAGE FORESTER AT (630) 789-7043.
- THE TYPICAL TPZ SHOULD ENCOMPASS THE CANOPY OF THE TREE. HOWEVER, SINCE THESE CONDITIONS ARE UNIQUE, THE APPLICATION SHOULD BE EVALUATED WITH THE FINAL LIMITS OF THE TPZ BEING ESTABLISHED BY THE VILLAGE FORESTER.
- MULCH THE ENTIRE AREA OF THE TPZ IN AN EFFORT TO IMPROVE THE GROWING ENVIRONMENT FOR THE ROOTS. DURING CONSTRUCTION PHASE MAINTAIN A FOUR TO SIX INCH LAYER OF CHIP MULCH OVER THE SOIL SURFACE TO REDUCE SOIL COMPACTION, IMPROVE AERATION, ENHANCE MOISTURE RETENTION AND REDUCE TEMPERATURE EXTREMES. MULCH GENERALLY CONSISTS OF SHREDDED LEAVES OR BARK, PINE STAW, PEAT MOSS, WOOD CHIPS OR COMPOSTED GREEN WASTE.
- FENCE THE PUBLIC PORTION OF THE TPZ WITH A FOUR FOOT (4') GREEN SNOW FENCE OR WOOD SLAT FENCE TO PREVENT WOUNDS TO THE TREE AND SOIL COMPACTION WITHIN THE ROOT ZONE. POST THE FENCE WITH A SIGN STATING: "TREE PROTECTION ZONE - KEEP OUT"
- SHOULD IT BE NECESSARY TO TRENCH WITHIN THE TPZ ALL TRENCHES SHALL BE HAND DUG. NO ROOTS LARGER THAN TWO INCHES (2") SHALL BE CUT UNLESS NO OTHER ALTERNATIVE IS FEASIBLE. ALL SMALLER ROOTS THAT REQUIRE CUTTING SHALL BE CUT WITH PRUNING SAWS. CUTS SHALL BE MADE FLUSH WITH THE SIDE OF THE TRENCH. IF AT ANY TIME TWENTY-FIVE PERCENT (25%) OF THE AREA WITHING THE TPZ IS BEING SEPARATED FROM THE TREE BY A TRENCH, THEN THE LINE SHALL BE EITHER RELOCATED OR INSTALLED BY BORING.
- REMOVAL OF HARDSCAPE AND/OR EXCAVATION WITHIN THE TPZ SHALL BE DONE MANUALLY.
- THE MINIMUM DISTANCE BETWEEN AN OPEN TRENCH AND ANY TREE SHALL BE BETWEEN SIX INCHES (6") TO ONE FOOT (1') FOR EVERY INCH OF TRUNK DIAMETER MEASURED AT FOUR AND A HALF FEET (4 1/2') ABOVE EXISTING GRADE, DEPENDING ON THE SPECIES OF TREE. MINIMUM CLEARANCE SHALL BE TEN FEET (10') FROM THE TRUNK OF THE TREE.
- IN THE EVENT ROOT PRUNING IS REQUIRED TO ACCOMMODATE GRADE CHANGES OR THE INSTALLATION OF HARDSCAPE FEATURES THE ROOT PRUNING PROCEDURES SHALL BE DIRECTED BY FORESTRY STAFF.
- AT NO TIME SHALL ANY EQUIPMENT, MATERIALS, SUPPLIES OR FILL SOIL TO BE ALLOWED IN THE TPZ UNLESS NECESSARY.
- PRIOR TO THE COMMENCEMENT OF YOUR PROJECT CONTACT THE VILLAGE FORESTER AT (630) 789-7043 TO DETERMINE THE PRECISE REQUIREMENTS OF THE TPZ.
- INSTALL TREE PROTECTION FENCE AND PERFORM ROOT PRUNING PER PLAN FOR ALL PROTECTED TREES PRIOR TO ANY CONSTRUCTION ACTIVITY.
- ALL REQUIRED TREE PROTECTION FENCING SHALL REMAIN IN PLACE UNTIL THE TIME OF THE FINISH GRADING AND LANDSCAPING.
- NO TRENCHING SHOULD BE DONE WITHIN THE TREE PROTECTION ZONES FOR ANY CONSTRUCTION ACTIVITY UNLESS PRE-APPROVED BY ENGINEERING AND FORESTRY STAFF.

- ALL PROPOSED WATER, SANITARY, AND STORM SERVICE LINES SHOULD BE LOCATED TO MINIMIZE DAMAGE TO THE PARKWAY TREES.
- DEMOLITION AND CONSTRUCTION OF ANY PROPOSED SIDEWALK SHOULD FOLLOW THE VILLAGE DETAIL FOR SIDEWALK CONSTRUCTION WITHIN TREE PROTECTION ZONES, INCLUDING NO TO MINIMAL EXCAVATION (SEE MANDATORY TREE PROTECTION DURING CONSTRUCTION POLICY).



**NOTES:**

- ALL CURB AND GUTTER SHALL BE CONSTRUCTED WITH IDOT CLASS SI CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 14 DAYS. PROVIDE AND TEST 3 CYLINDERS FOR EACH DAY'S POUR, OR 50 CUBIC YARDS, WHICHEVER IS LESS.
- CONTRACTION JOINTS SHALL BE SAW-CUT AT MAXIMUM 20' INTERVALS AND CAULKED.
- PREFORMED EXPANSION JOINTS, 3/4" THICK, SHALL BE PLACED FIVE FEET EITHER SIDE OF STORM STRUCTURES IN CURB AND GUTTER, AT CURB RETURNS AND AT POINTS OF CURVATURE. AT ALL CONNECTIONS BETWEEN NEW AND EXISTING CURB AND GUTTER, AND AT 200' INTERVALS ON TANGENTS.
- CURB AND GUTTER AT STORM STRUCTURES SHALL BE BOXED-OUT A MINIMUM OF 5' ON EACH SIDE OF STRUCTURE AND HAND-FORMED BETWEEN EXPANSION JOINTS. FORMS SHALL BE PLACED AND INSPECTED BY VILLAGE PRIOR TO POURING CONCRETE. STRUCTURE FRAMES SHALL BE PLACED AND ADJUSTED PRIOR TO THIS INSPECTION.
- THE FOLLOWING SHALL BE STAMPED IN THE CURB AT THE INDICATED LOCATIONS:  
 "W" FOR WATER SERVICES  
 "SS" FOR SANITARY SEWER SERVICES  
 "CS" FOR STORM SEWER SERVICE LINE CLEAN-OUTS  
 "VV" FOR WATER VALVE VAULTS  
 "SM" FOR SANITARY MANHOLES
- DOWELS AT EXPANSION JOINTS SHALL BE CENTERED ON THE JOINT DRILLED INTO EXISTING CURB AND GUTTER, AND SHALL BE INSTALLED WITH GREASE CAPS ON ONE SIDE.

VILLAGE OF HINSDALE  
STANDARD DETAIL  
FOR BARRIER  
COMBINATION CONCRETE  
CURB AND GUTTER  
TYPE B-8.12

HRG PROJECT NO: 190242  
HRG PROJ CONTACT:  
FILE NAME: 190242-SHT-24-GenDetail.dwg  
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HRGreen.com  
Micro Professional Design Firm  
#184-001322

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DATE - 2/3/2021

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

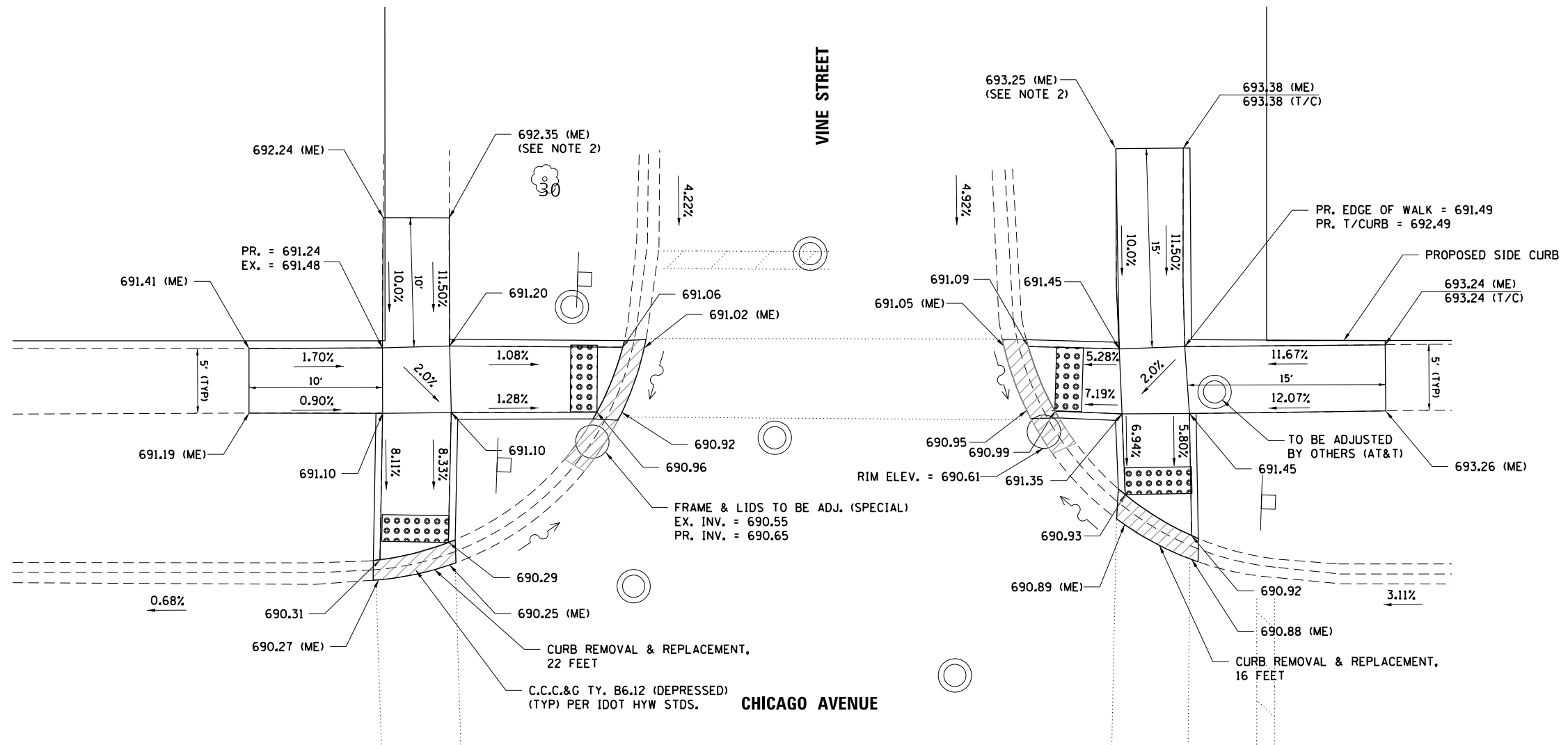
VILLAGE OF HINSDALE  
STANDARD DETAILS

SCALE: N.T.S. SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	22

CONTRACT NO. 61G38  
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT





**DETAIL NOTES**

- ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO PROVIDE P.C.C. SIDEWALK 5 INCH, INCLUDING CURB HEIGHT UP TO 12 INCHES (MEASURED FROM FLOWLINE TO TOP OF CURB) SHALL BE PAID FOR PER AS BID PRICE PER SQUARE FEET OF P.C.C. SIDEWALK 5 INCH.
- SIDEWALK CROSS SLOPES SHALL BE 2.00% OR LESS MEETING ADA. CRITERIA. CONTRACTOR SHALL TRANSITION TO EX. SIDEWALK CROSS-SLOPE, IF GREATER THAN 2%, VIA RUNNIPS SLOPE OF 5% OR LESS FOR VERTICAL DIFFERENCE FROM 2% MAX CROSS-SLOPE.
- CONSTRUCTION SHALL FOLLOW APPLICABLE PORTIONS OF IDOT STD. DETAILS FOR ADA SIDEWALK RAMP CONSTRUCTION INCLUDING 424001, 424006, 424021, & 424026.



HRG PROJECT NO.: 190242  
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

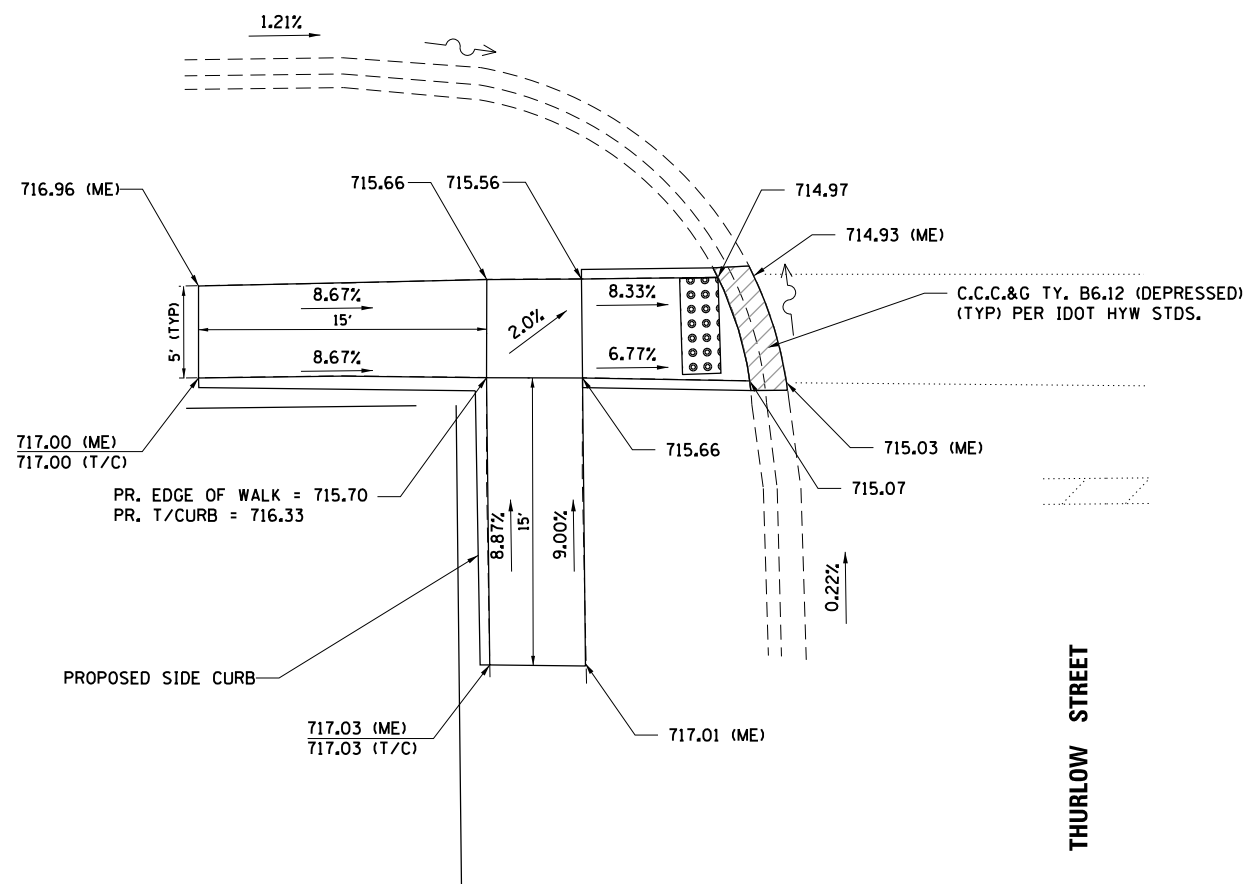
**SIDEWALK DETAIL PLAN**

SCALE: 1" = 5'      SHEET 2 OF 4 SHEETS      STA.      TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	24
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G38	



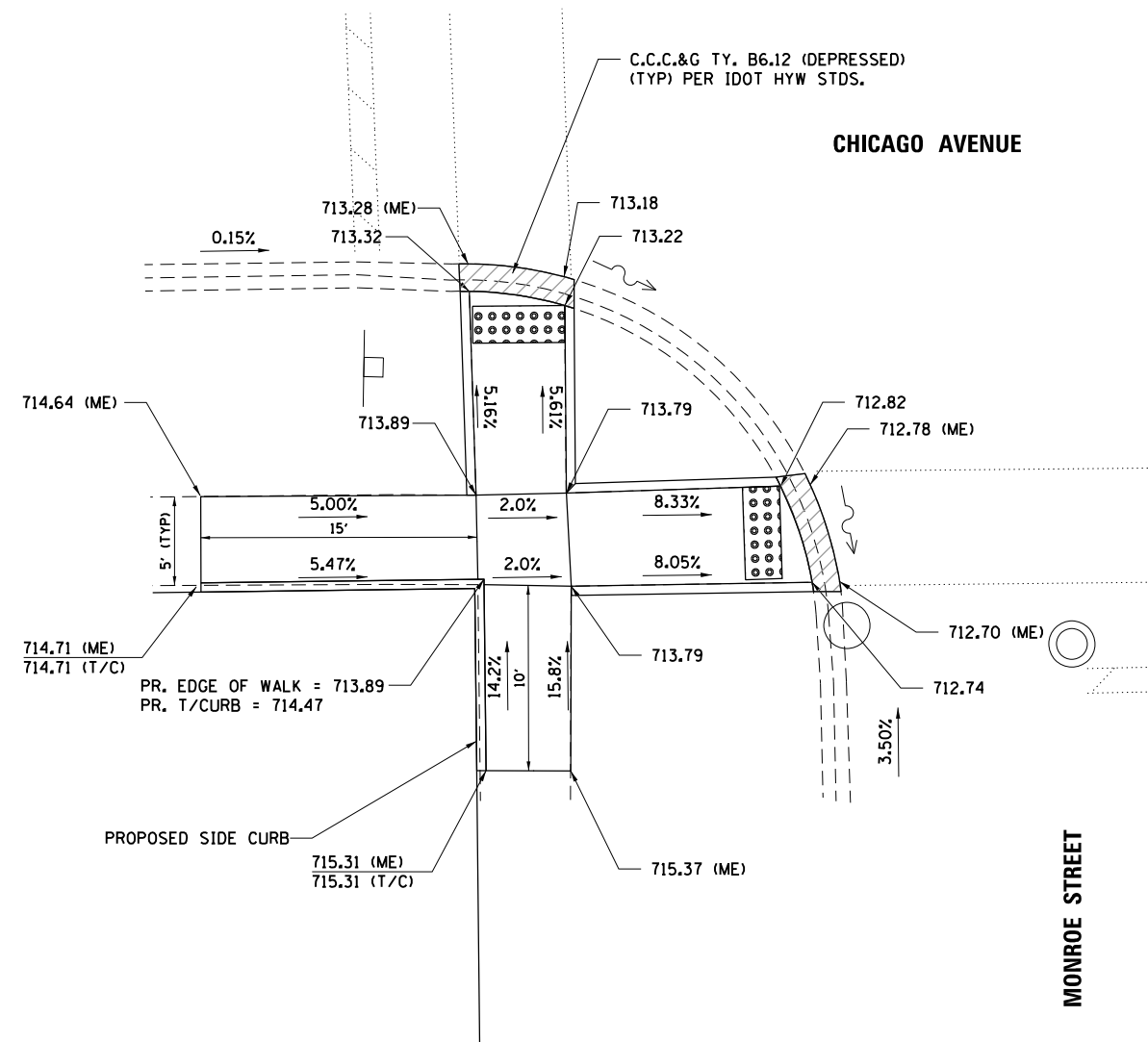
CHICAGO AVENUE



THURLOW STREET



CHICAGO AVENUE



MONROE STREET



DETAIL NOTES

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- SIDEWALK CROSS SLOPES SHALL BE 2.00% OR LESS MEETING ADA CRITERIA. CONTRACTOR SHALL TRANSITION TO EX. SIDEWALK CROSS-SLOPE, IF GREATER THAN 2%, VIA RUNNIPS SLOPE OF 5% OR LESS FOR VERTICAL DIFFERENCE FROM 2% MAX CROSS-SLOPE.
- CONSTRUCTION SHALL FOLLOW APPLICABLE PORTIONS OF IDOT STD. DTAILS FOR ADA SIDEWALK RAMP CONSTRUCTION INCLUDING 424001, 424006, 424021, & 424026.

HRG PROJECT NO.: 190242  
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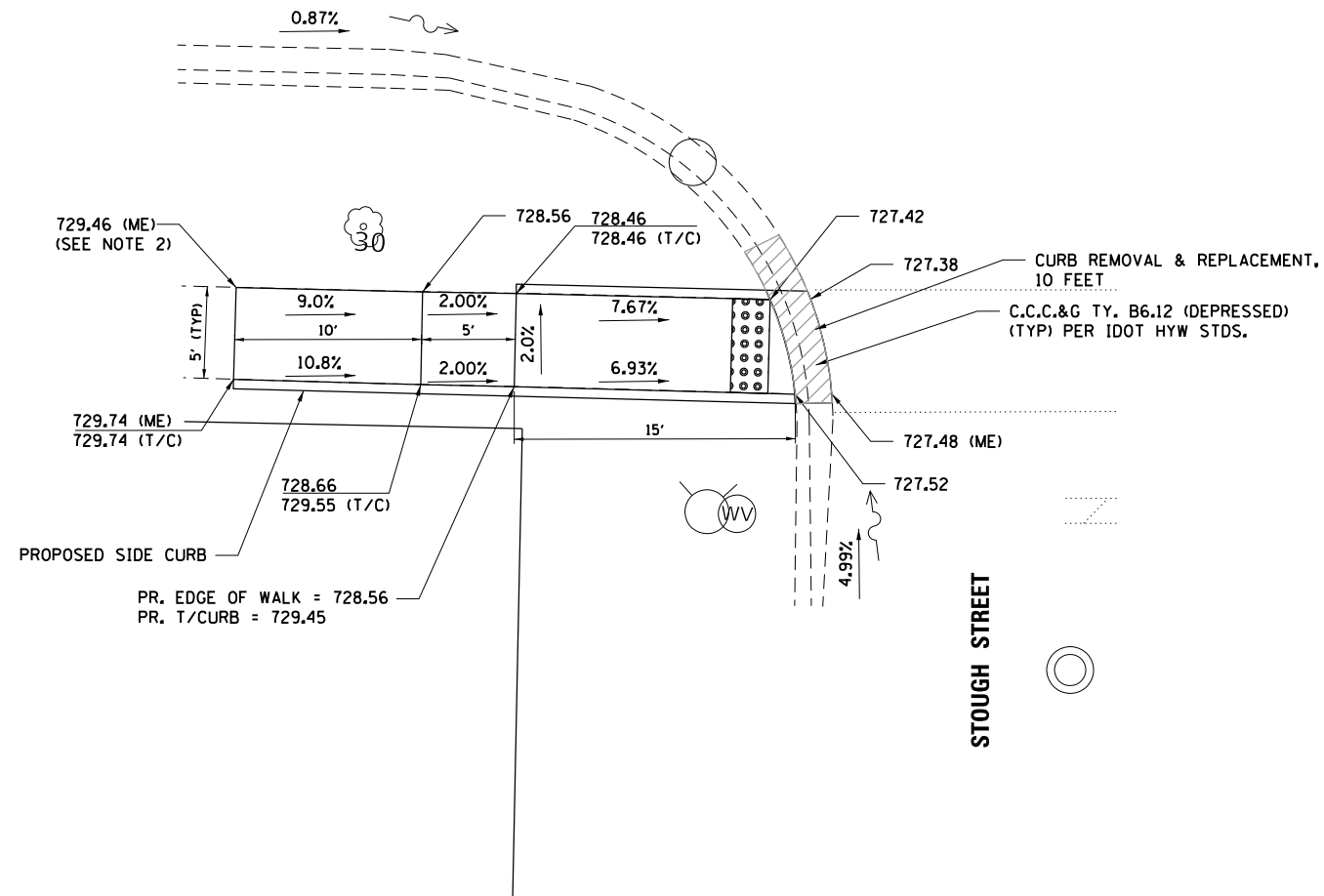
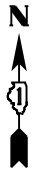
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN

SCALE: 1" = 5' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G38	

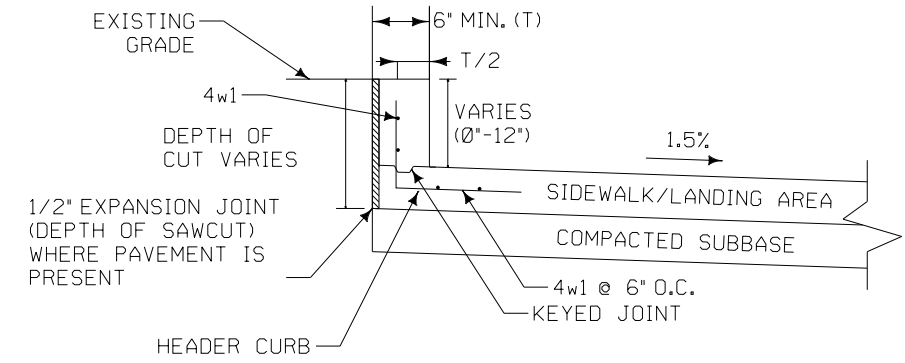
**CHICAGO AVENUE**



**NOTES:**

LOCATIONS VARY; REFER TO SIDEWALK DETAIL PLAN SHEETS FOR LOCATIONS

HEADER CURB SHALL MEASURE PER S.F. OF VERTICAL FACE AND PAID FOR AS P.C.C. SIDEWALK, 5 INCH



Location			
Road Identification	Station to Station		Length (LF)
GRANT ST. & CHICAGO AVE.	137+67.40	137+82.35	25'
MADISON ST. & CHICAGO AVE.	125+32.24	125+47.17	30'
VINE ST. & CHICAGO AVE.	134+14.98	134+29.97	30'
THURLOW ST. & CHICAGO AVE.	122+05.43	122+20.43	30'
MONROE ST. & CHICAGO AVE.	118+71.06	118+86.06	26'
STOUGH ST. & CHICAGO AVE.	102+33.92	102+63.97	30'
		TOTAL	171'

HEADER CURB

**DETAIL NOTES**

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- CONSTRUCTION SHALL FOLLOW APPLICABLE PORTIONS OF IDOT STD. DTAILS FOR ADA SIDEWALK RAMP CONSTRUCTION INCLUDING 424001, 424006, 424021, & 424026.



HRG PROJECT NO.: 190242  
 HRG PROJ. CONTACT:  
 FILE NAME: 190242-SP-1-25-Sidewalk.dgn  
 PEN TABLE: 190242.tbl



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PLOT DATE = 4/16/2021	CHECKED - BH	REVISED -
	DATE - 2/3/2021	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN**

SCALE: 1" = 5' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION NO.	COUNTY	TOTAL SHEETS	SHEET NO.
1487	19-00098-00-R5	DUPAGE	26	26
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 61G38	