

FOR INDEX OF SHEETS, SEE SHEET NO. 2

HIGHLAND AVENUE

PRE-FINAL

PLANS FOR PROPOSED ROADWAY RESURFACING IMPROVEMENT

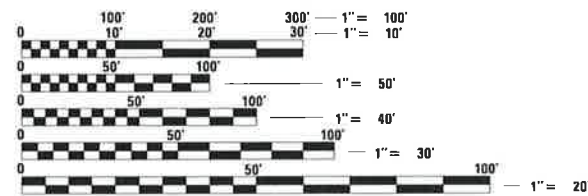
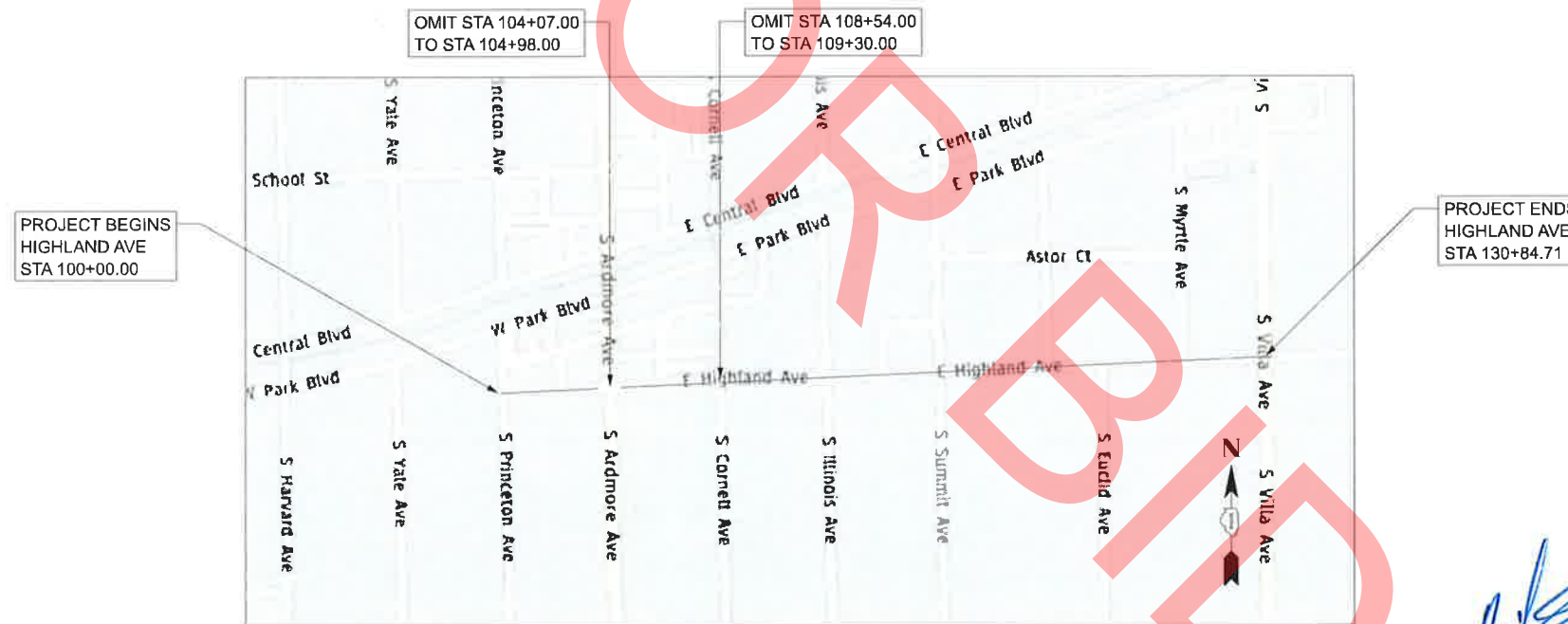
PREPARED FOR:
VILLAGE OF VILLA PARK

USING MFT FUNDS

POSTED SPEED

25 MPH (EXISTING)

**HIGHLAND AVENUE (PRINCETON AVENUE TO VILLA AVENUE)
ROADWAY RESURFACING PLANS
SECTION NO.: 25-00104-00-RS
VILLAGE OF VILLA PARK
DuPAGE COUNTY**



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

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

LOCATION MAP
NOT TO SCALE
GROSS LENGTH OF PROJECT = 3,084.71 FEET = 0.584 MILES
NET LENGTH OF PROJECT = 2,917.71 FEET = 0.553 MILES



8/12/2025

Emily A. Druckrey
Village of Villa Park
Director of Public Works
DESIGN CONSULTANT:

EMILY A. DRUCKREY, P.E.
NO. 062-067642
EXP. DATE 11/30/25

TRANSYSTEMS 1475 EAST WOODFIELD ROAD, SUITE 600
SCHAUMBURG, ILLINOIS 60173
(847) 605-9600

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IDOT DISTRICT ONE STANDARD DETAILS

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IDOT HIGHWAY STANDARD DETAILS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
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701006-06	OFF-ROAD 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
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE PROJECT.
- BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT 8-1-1 AND THE VILLAGE OF VILLA PARK AT 630-834-8505 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON VILLAGE PROPERTY OR ROW WITHOUT WRITTEN PERMISSION FROM THE VILLAGE OF VILLA PARK.
- THE CONTRACTOR SHALL COORDINATE PAVING OPERATIONS FOR BOTH HMA LEVEL BINDER AND SURFACE COURSES SO THAT THE LONGITUDINAL JOINTS ARE CLOSED AND COMPACTED AT THE END OF EACH DAY. PAVING OPERATIONS SHALL BE SCHEDULED SO THAT ADJACENT LANES ARE PAVED IN THE SAME DIRECTION AS THE INITIAL LANE MINIMIZING THE TIME THE EDGE OF A PAVEMENT MAT IS ALLOWED TO COOL.
- ALL RADII FOR PROPOSED CURB AND GUTTER ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED. CURB AND GUTTER ELEVATIONS SHOWN ALONG RETURNS AND AT POINTS OF CURVATURE, ETC. ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- SAW CUTTING WILL BE REQUIRED FOR ALL REMOVAL ITEMS LISTED IN SECTION 440 OF THE STANDARD SPECIFICATIONS, SHOWN IN THE PLANS, AND AS DIRECTED BY THE ENGINEER.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY RESIDENTS AND THE ENGINEER WHEN ACCESS TO THEIR DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO SIDEWALK REPLACEMENT, AND/OR CURB AND GUTTER REPLACEMENT. AT LOCATIONS WHERE THE SIDEWALK OR CURB AND GUTTER IS SCHEDULED TO BE REMOVED, THE CONTRACTOR SHALL CONTACT THE BUSINESS/HOMEOWNER 24 HOURS PRIOR TO REMOVING THE CURB. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE A DRIVEWAY FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BARRICADES TO PREVENT TRAFFIC FROM USING THE DRIVEWAYS DURING THIS PERIOD.
- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER THE PROPOSED CURB AND GUTTER, PROPOSED SIDEWALK AND PROPOSED DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE PROPOSED AGGREGATE BASE COURSE, TYPE B 4" SHALL BE CONSIDERED INCLUDED IN THE COSTS OF COMBINATION CURB AND GUTTER REMOVAL, SIDEWALK REMOVAL AND DRIVEWAY REMOVAL.
- COMBINATION CURB AND GUTTER REMOVAL AND COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 SHOWN IN THE PLANS ARE AT APPROXIMATE LOCATIONS. LIMITS FOR REMOVAL AND REPLACEMENT ARE AT THE DISCRETION OF THE ENGINEER.
- DRIVEWAYS ARE SHOWN IN PLANS AS HALF APRONS, BUT DRIVEWAY REMOVAL AND REPLACEMENT QUANTITIES INCLUDE FULL APRONS AT THE DISCRETION OF THE ENGINEER.

STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND UTILITY NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF ANY UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- ALL UTILITY OWNERS AND THE ENGINEER SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- ALL LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS.
- THE CONTRACTOR SHALL ENSURE ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.

TRAFFIC CONTROL

- SEE TRAFFIC CONTROL HIGHWAY STANDARDS CONCERNING TRAFFIC CONTROL AND PROTECTION.

COMMITMENTS

NO COMMITMENTS

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		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

INDEX OF DRAWINGS AND HIGHWAY STANDARDS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	2
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
1	TRENCH BACKFILL	CU YD	15
* 2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	793
* / ** 3	SODDING, SALT TOLERANT	SQ YD	793
** 4	INLET FILTERS	EACH	31
5	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,375
** 6	BITUMINOUS MATERIALS (TACK COAT)	POUND	6,347
7	LONGITUDINAL JOINT SEALANT	FOOT	2,918
8	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	180
9	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	530
10	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	793
11	PROTECTIVE COAT	SQ YD	1,202
12	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	251
13	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3,901
** 14	DETECTABLE WARNINGS	SQ FT	230
15	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	9,229
** 16	DRIVEWAY PAVEMENT REMOVAL	SQ YD	345
** 17	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,237
** 18	SIDEWALK REMOVAL	SQ FT	4,826
** 19	CLASS D PATCHES, 6 INCH	SQ YD	680


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20	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	18
21	STORM SEWER REMOVAL 12"	FOOT	17
** 22	INLETS, TYPE A	EACH	4
23	INLETS TO BE RECONSTRUCTED	EACH	3
** 24	FRAMES AND GRATES, TYPE 11	EACH	6
** 25	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1
** 26	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3
27	REMOVING CATCH BASINS	EACH	1
** 28	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	2,237
** 29	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
** 30	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	17
** 31	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	72
** 32	PROPOSED STORM SEWER CONNECTION TO EXISTING MANHOLE	EACH	2
** 33	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	23
** 34	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
** 35	TEMPORARY INFORMATION SIGNING	SQ FT	416
** 36	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	10
** 37	STORM SEWERS, TYPE 1 WATER MAIN QUALITY PIPE, 12"	FOOT	21
** 38	PRE-CONSTRUCTION VIDEO RECORDING	L SUM	1

ADDENDUM 1 - 08/21/2025

* INDICATES SPECIALTY ITEM
 ** INDICATES SPECIAL PROVISION

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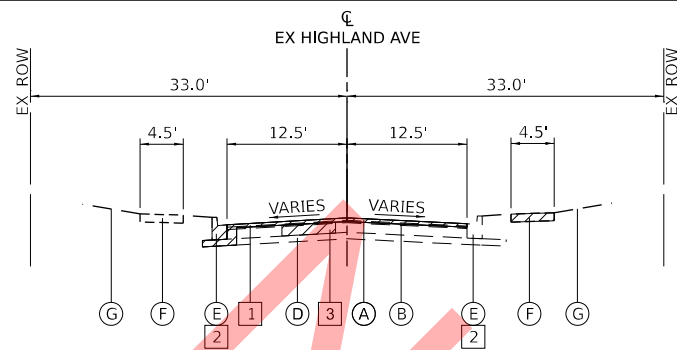
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PLOT DATE = 8/21/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

SUMMARY OF QUANTITIES

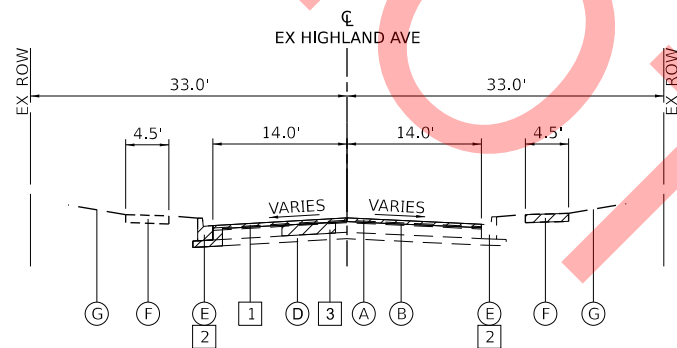
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



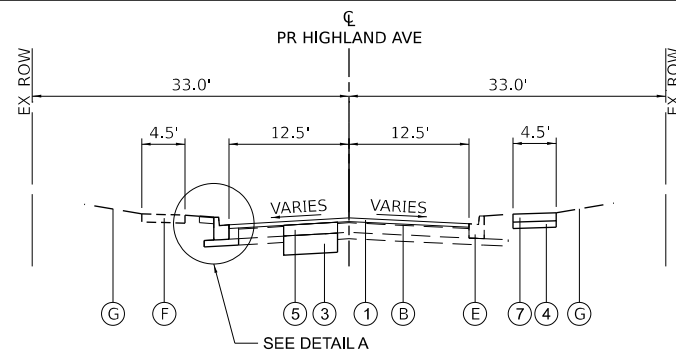
EXISTING TYPICAL SECTION

HIGHLAND AVE
STA 100+00.00 TO STA 104+07.00



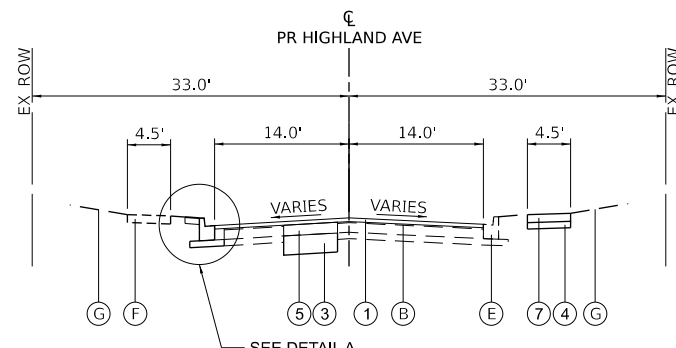
EXISTING TYPICAL SECTION

HIGHLAND AVE
STA 104+98.00 TO STA 130+84.71
OMIT STA 104+07.00 TO STA 104+98.00
OMIT STA 108+54.00 TO STA 109+30.00



PROPOSED TYPICAL SECTION

HIGHLAND AVE
STA 100+00.00 TO STA 104+07.00



PROPOSED TYPICAL SECTION

HIGHLAND AVE
STA 104+98.00 TO STA 130+84.71
OMIT STA 104+07.00 TO STA 104+98.00
OMIT STA 108+54.00 TO STA 109+30.00

EXISTING LEGEND

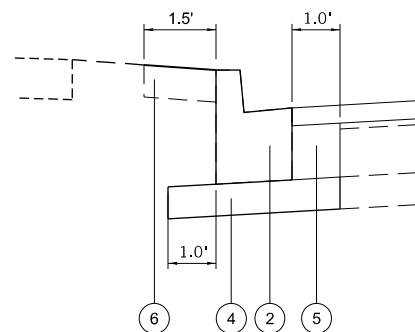
- (A) HMA SURFACE COURSE, 1 1/2"
- (B) HMA BINDER COURSE, 1 1/2"
- (C) HMA BASE COURSE, 6"
- (D) AGG BASE COURSE
- (E) COMB CONCRETE CURB AND GUTTER, TYPE B6.12
- (F) PCC SIDEWALK
- (G) GROUND

REMOVAL LEGEND

- [1] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [2] COMBINATION CURB AND GUTTER REMOVAL
- [3] CLASS D PATCHES, 6 INCH (TYPE AND LOCATION AS DIRECTED BY ENGINEER)
- [Hatched Box] DENOTES REMOVAL ITEM

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, IL-9.5, MIX "D", N50, 1 1/2" POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"
- (2) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12 (AS DIRECTED BY THE ENGINEER)
- (3) AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)
- (4) AGGREGATE BASE COURSE, TYPE B 4" (AS DIRECTED BY THE ENGINEER)
- (5) CLASS D PATCHES, 6 INCH (AS DIRECTED BY THE ENGINEER)
- (6) TOPSOIL FURNISH AND PLACE 4", SODDING, & FERTILIZER NUTRIENTS
- (7) PCC SIDEWALK, 5 INCH (AS DIRECTED BY THE ENGINEER)



DETAIL A

HOT-MIX ASPHALT MIXTURE REQUIREMENTS CHART

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1 1/2"	4% @ 50 GYR.	QC/QA
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"	3.5% @ 50 GYR.	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 50 GYR.	QC/QA
WIDENING		
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 1"	3.5% @ 50 GYR.	QC/QA
DRIVEWAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 2"	4% @ 50 GYR.	QC/QA
HMA BASE COURSE (HMA BINDER IL-19 mm); PE - 2"	4% @ 50 GYR.	QC/QA

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/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 RECLAIMED MATERIALS SPECIFICATIONS.

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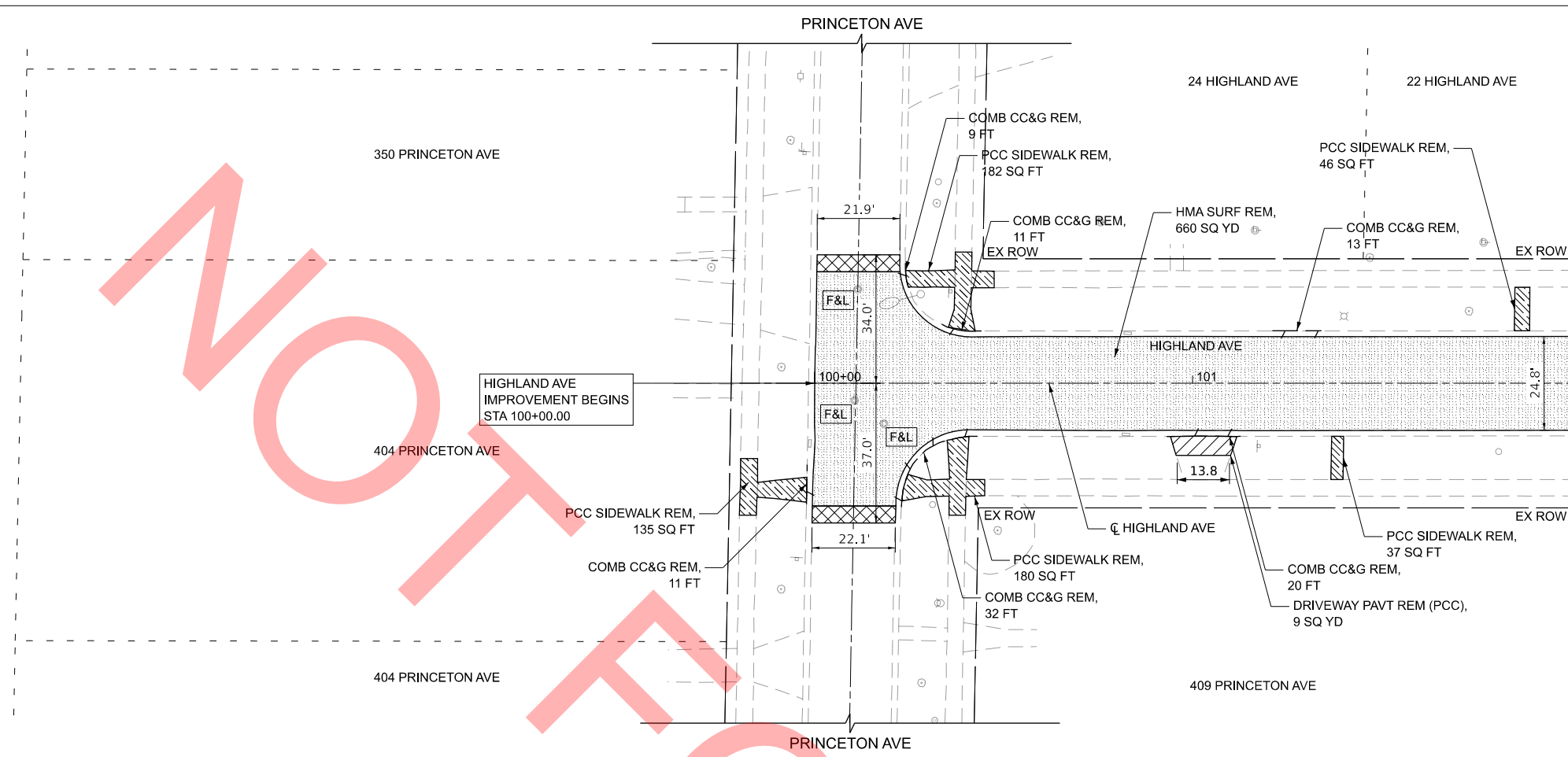
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	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

TYPICAL SECTIONS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

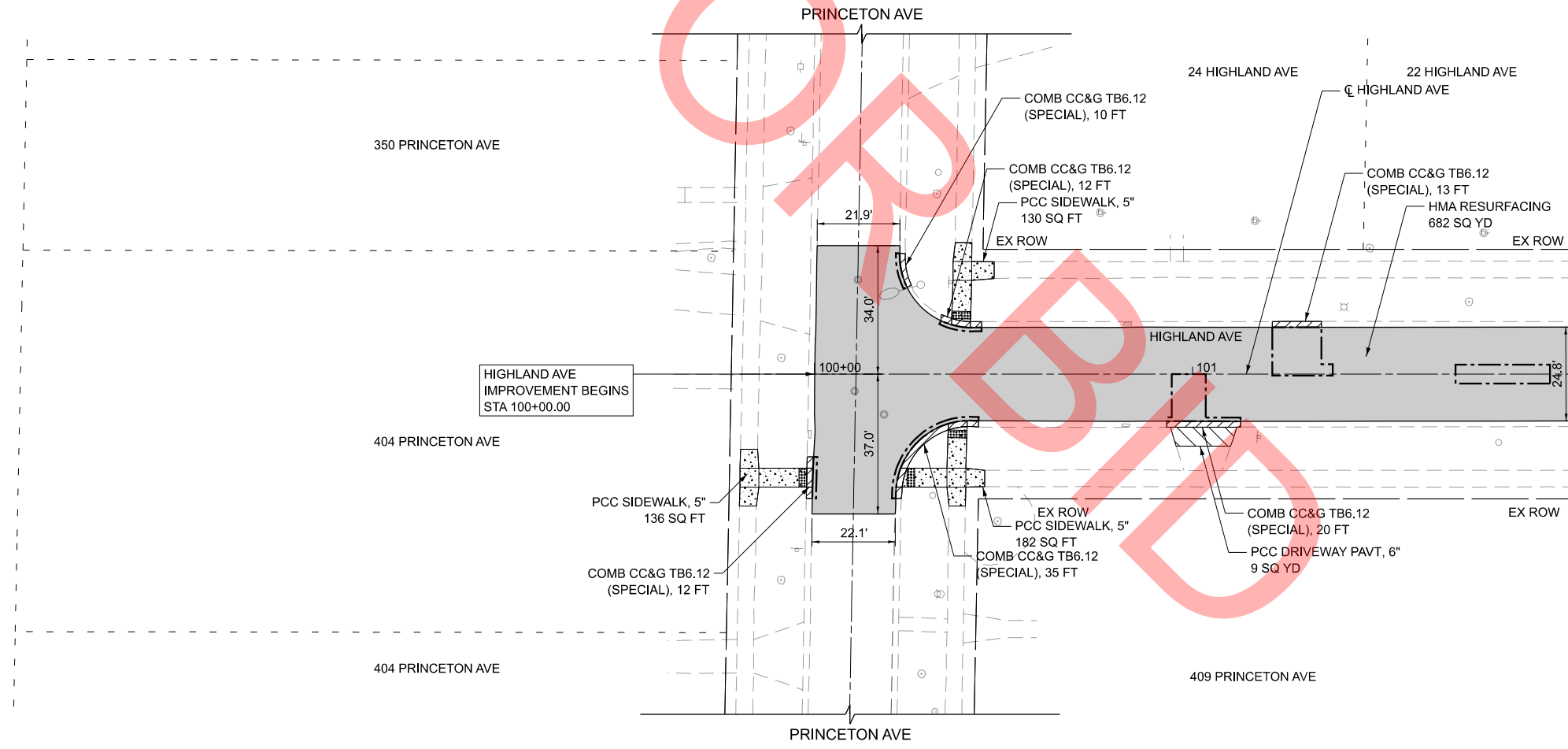


REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2.5"
- HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- DRAINAGE STRUCTURES TO BE ADJUSTED
- FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.

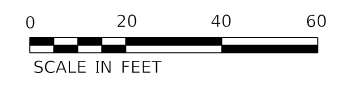


PLAN LEGEND

- PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
- HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
- PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
- COMB CC&G TB6.12 AGG BASE CSE B, 4"
- CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.

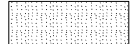

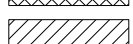






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	PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -		SCALE: 1"=20'	SHEET 1	OF 7 SHEETS	STA. 100+00.00	TO STA. 102+00.00			






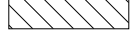
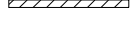
REMOVAL LEGEND

-  HMA SURFACE REMOVAL, 2.5"
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  DRAINAGE STRUCTURES TO BE ADJUSTED
-  FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

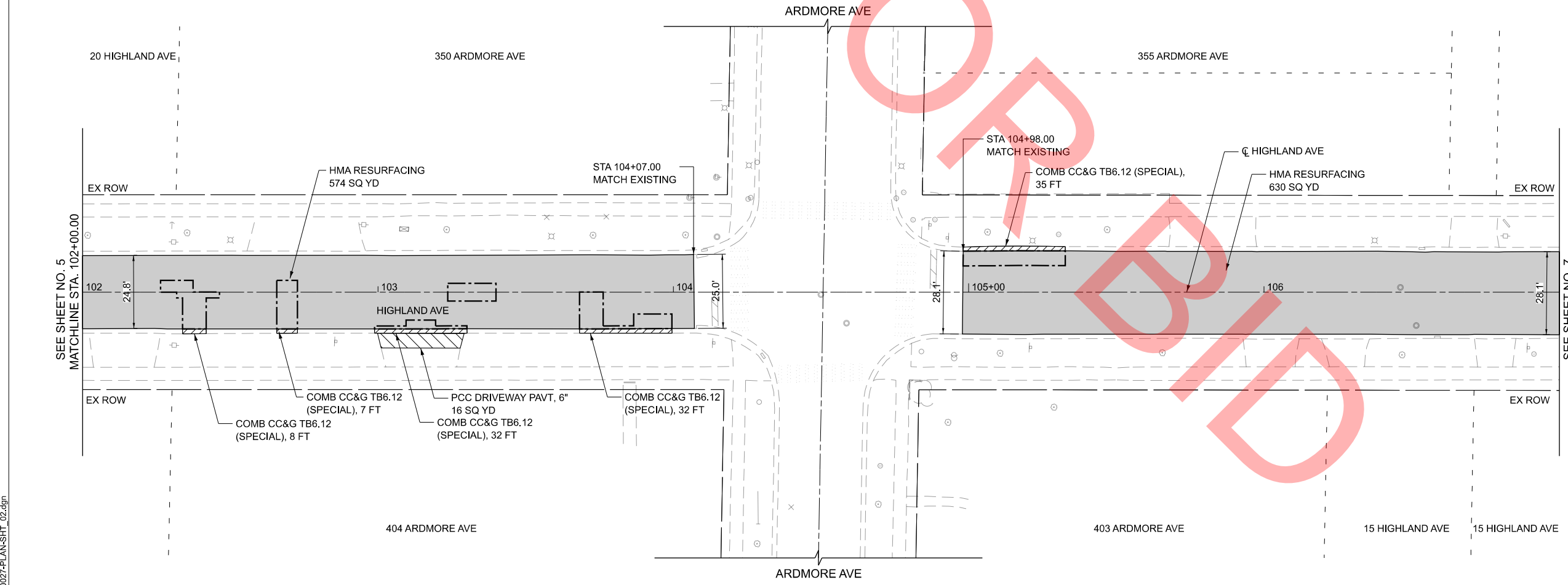
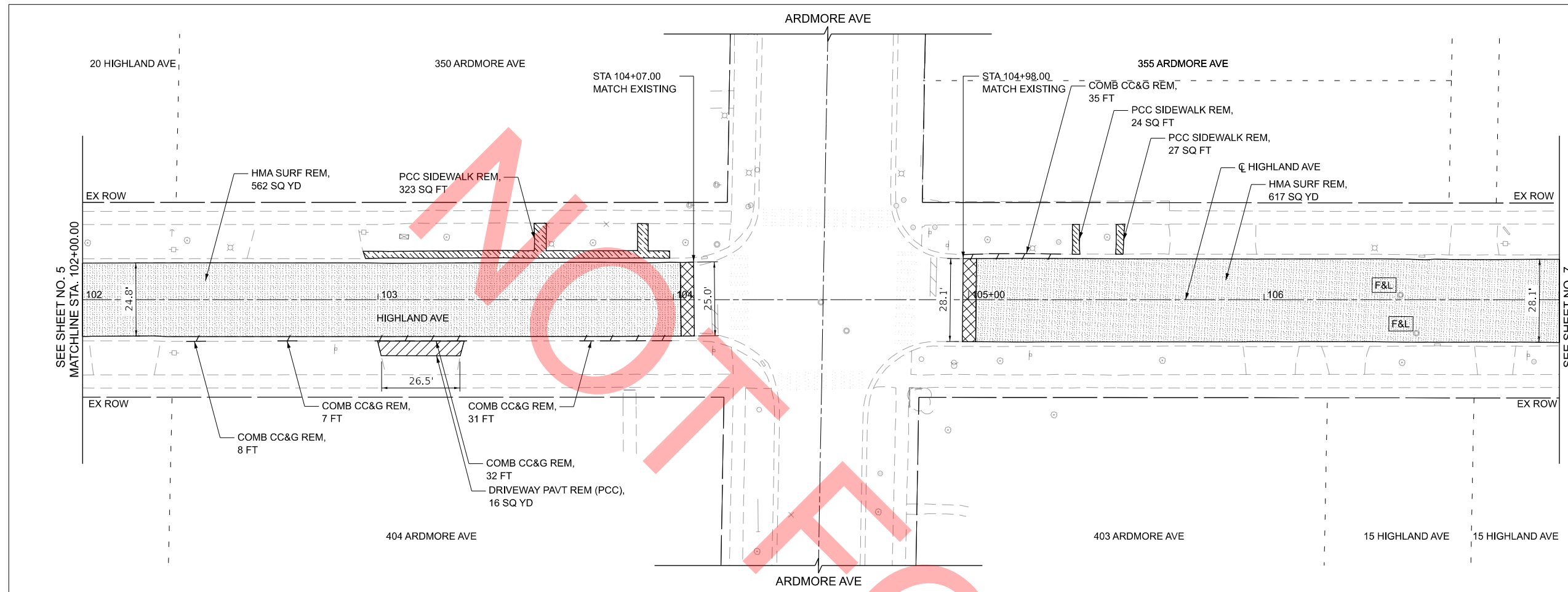
- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.

PLAN LEGEND

-  PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
-  HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
-  PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
-  COMB CC&G TB6.12 AGG BASE CSE B, 4"
-  CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



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	DRAWN - KLB	REVISED -
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PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

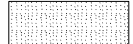

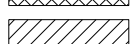




PLAN IMPROVEMENTS

SCALE: 1"=20' SHEET 2 OF 7 SHEETS STA. 102+00.00 TO STA. 107+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	6
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				







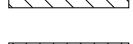
REMOVAL LEGEND

-  HMA SURFACE REMOVAL, 2.5"
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  DRAINAGE STRUCTURES TO BE ADJUSTED
-  FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

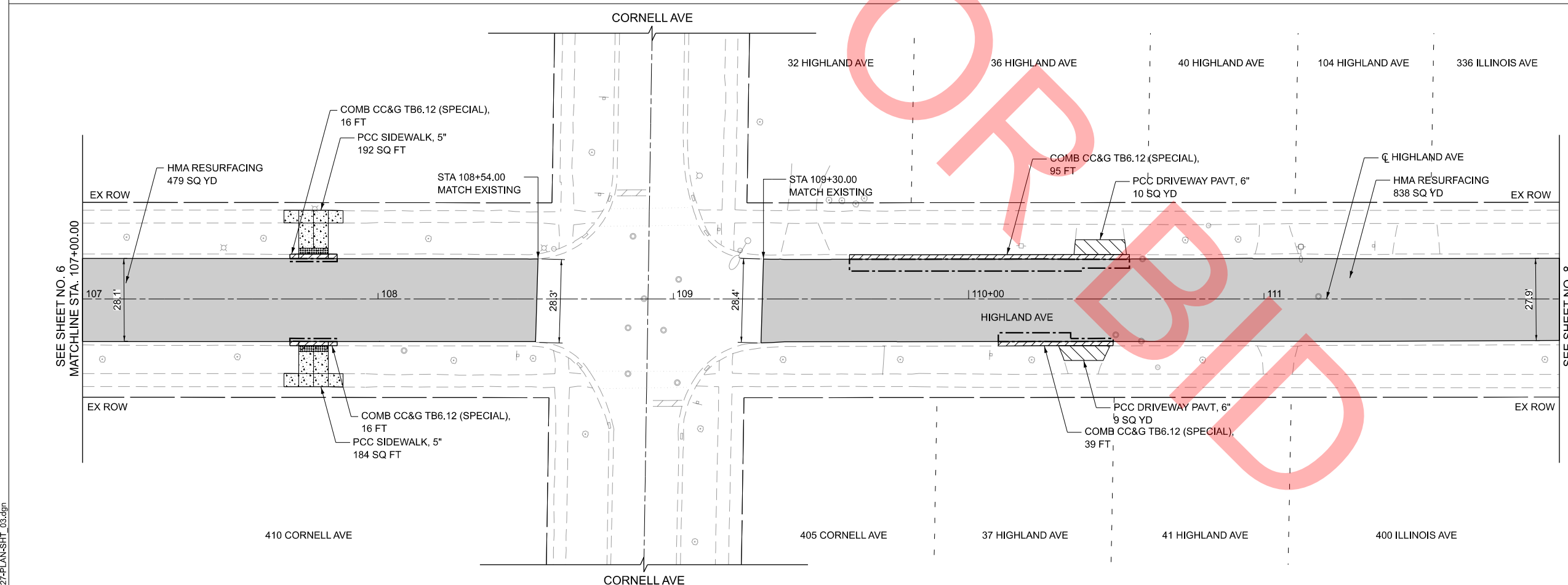
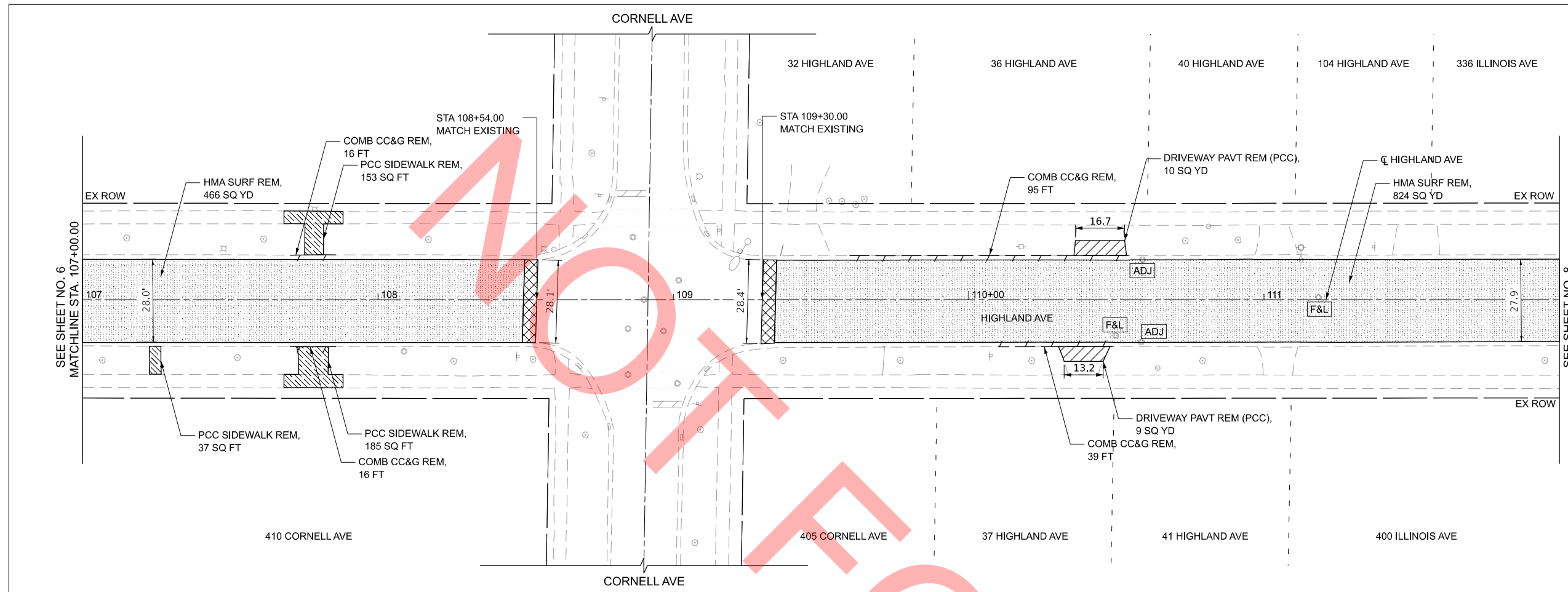
- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.

PLAN LEGEND

-  PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
-  HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
-  PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
-  COMB CC&G TB6.12 AGG BASE CSE B, 4"
-  CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



MODEL: Default
 FILE NAME: 0027-PLAN-SHT_03.dgn



USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

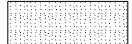

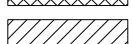




PLAN IMPROVEMENTS

SCALE: 1"=20' SHEET 3 OF 7 SHEETS STA. 107+00.00 TO STA. 112+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



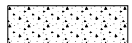
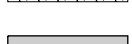


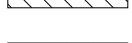
REMOVAL LEGEND

-  HMA SURFACE REMOVAL, 2.5"
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  DRAINAGE STRUCTURES TO BE ADJUSTED
-  FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

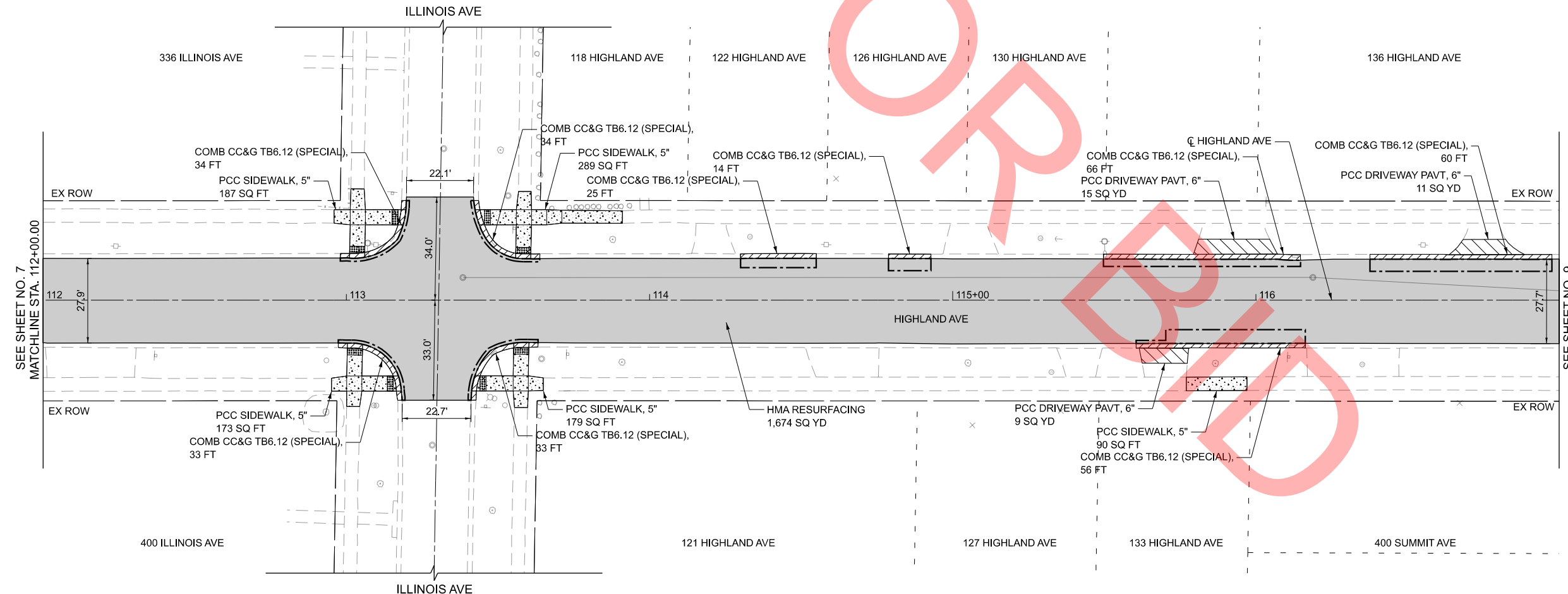
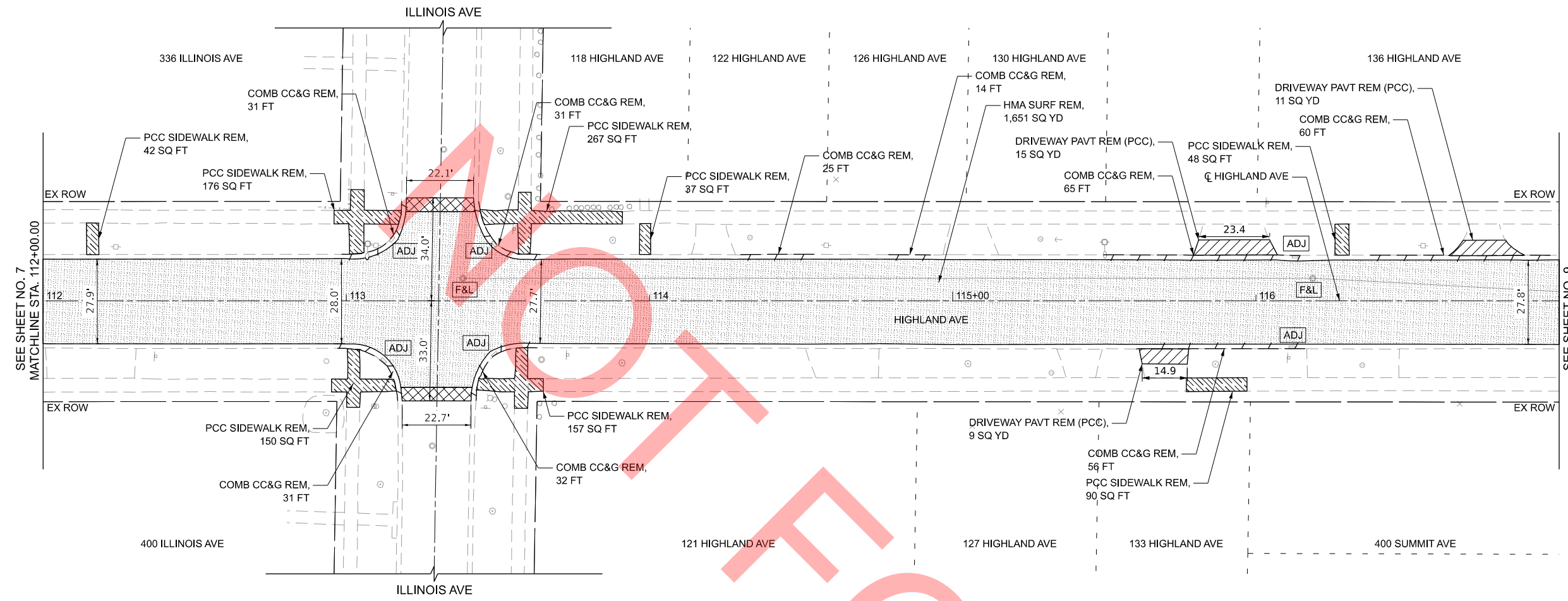
- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.

PLAN LEGEND

-  PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
-  HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
-  PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
-  COMB CC&G TB6.12 AGG BASE CSE B, 4"
-  CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

VILLAGE OF VILLA PARK
ENGINEERING DIVISION

PLAN IMPROVEMENTS

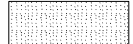

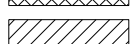




SCALE: 1"=20' SHEET 4 OF 7 SHEETS STA. 112+00.00 TO STA. 117+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: 0027-PLAN-SHT_04.dgn



REMOVAL LEGEND





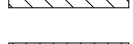
-  HMA SURFACE REMOVAL, 2.5"
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  DRIVEWAY REMOVAL
-  SIDEWALK REMOVAL
-  COMBINATION CURB AND GUTTER REMOVAL
-  DRAINAGE STRUCTURES TO BE ADJUSTED
-  FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.

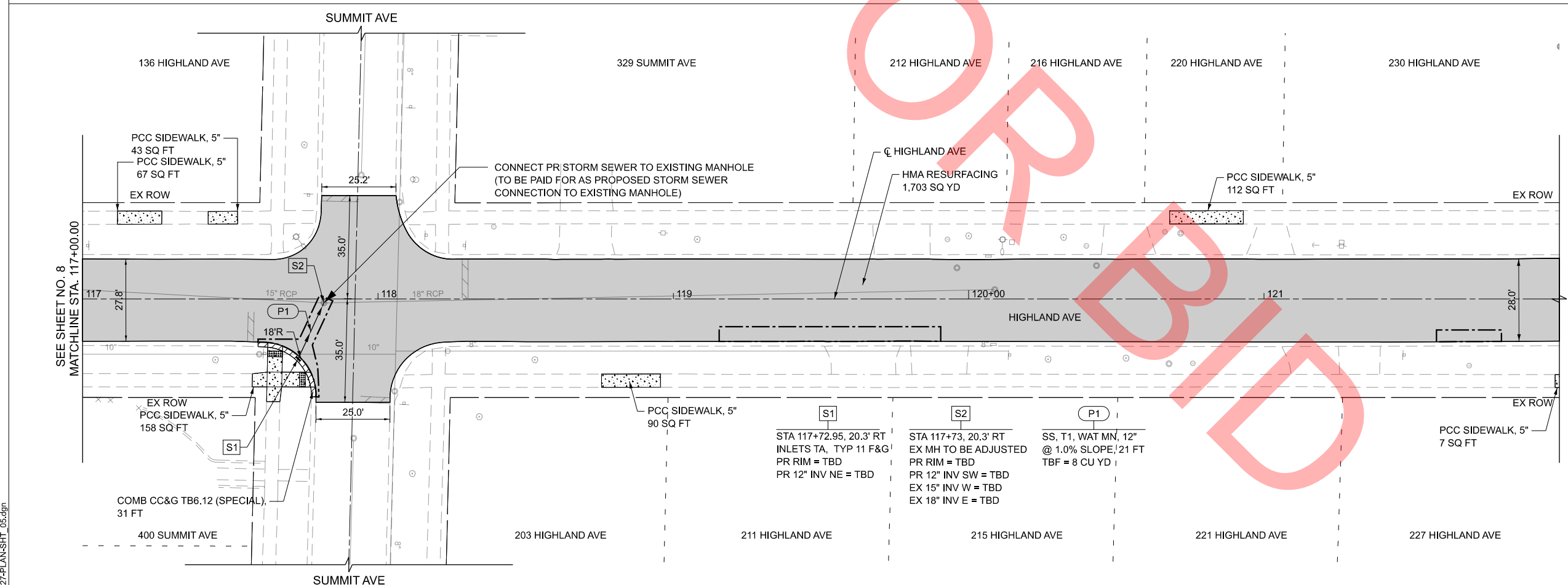
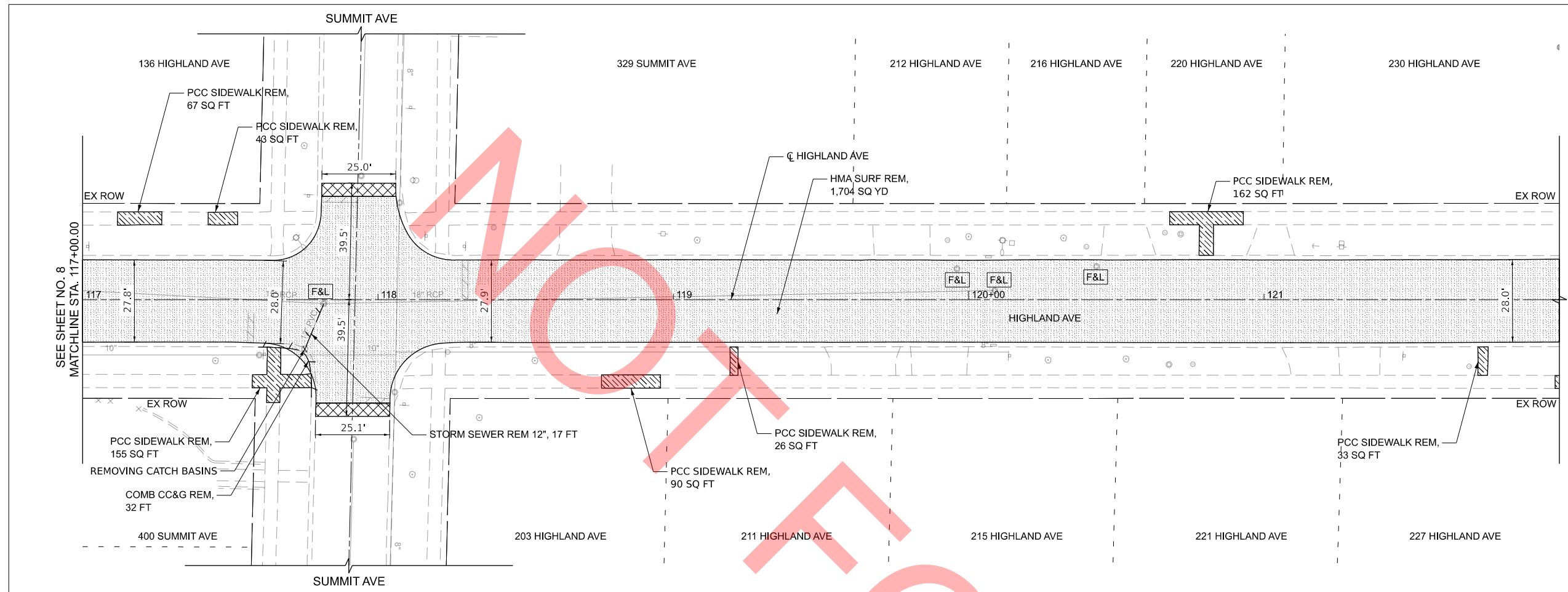


PLAN LEGEND

-  PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
-  HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
-  PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
-  COMB CC&G TB6.12 AGG BASE CSE B, 4"
-  CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



MODEL: Default
FILE NAME: 0027-PLAN-SHT_05.dgn



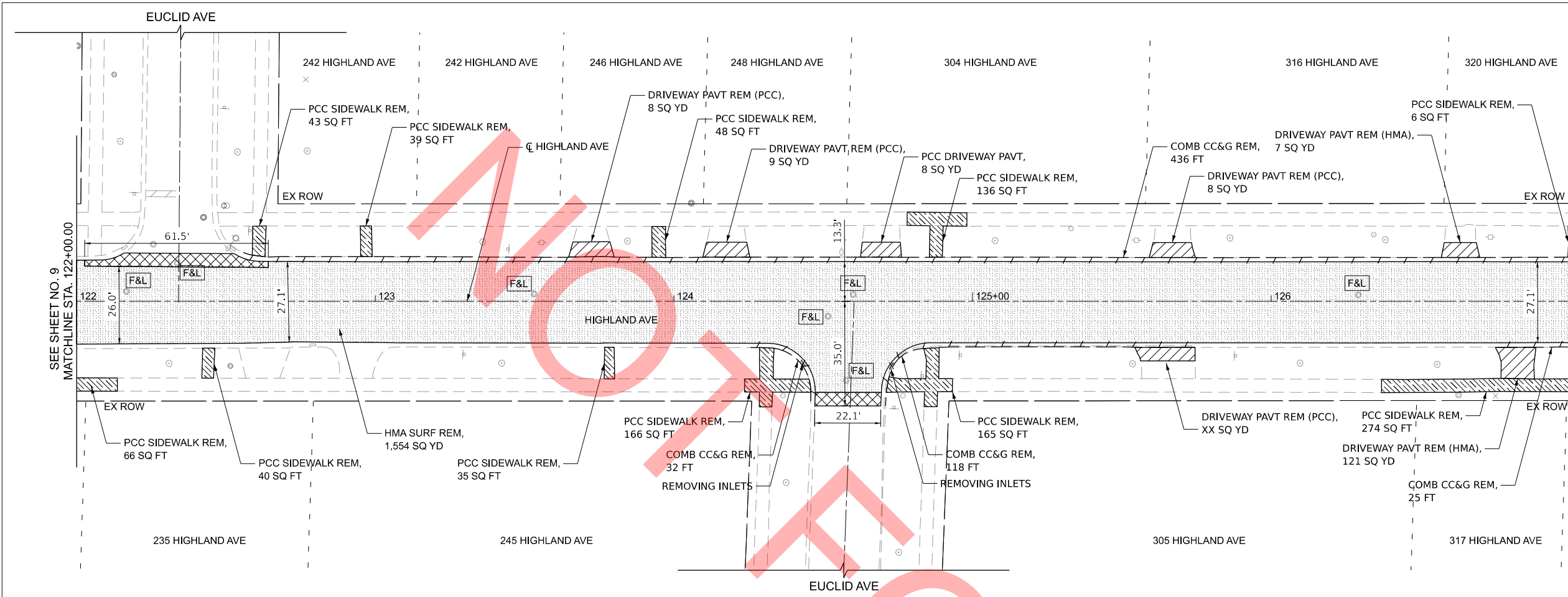
USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

PLAN IMPROVEMENTS

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 117+00.00 TO STA. 122+00.00

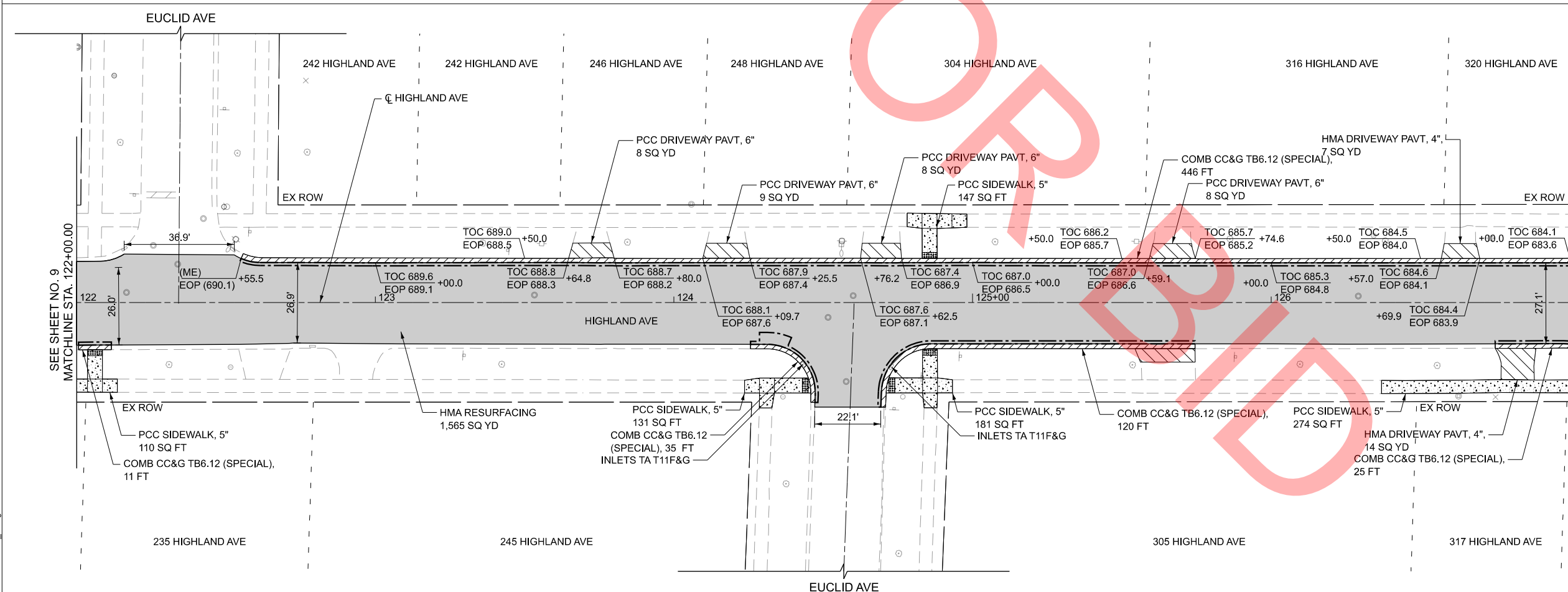
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	9
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2.5"
- HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- DRAINAGE STRUCTURES TO BE ADJUSTED
- FRAMES AND LIDS TO BE ADJUST (SPECIAL)

- NOTES**
- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.



PLAN LEGEND

- PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
- HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
- PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
- COMB CC&G TB6.12 AGG BASE CSE B, 4"
- CL D PATCH 6" TYPE VARIES

- NOTES**
- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



MODEL: Default
FILE NAME: 0027-PLAN-SHT_06.dgn



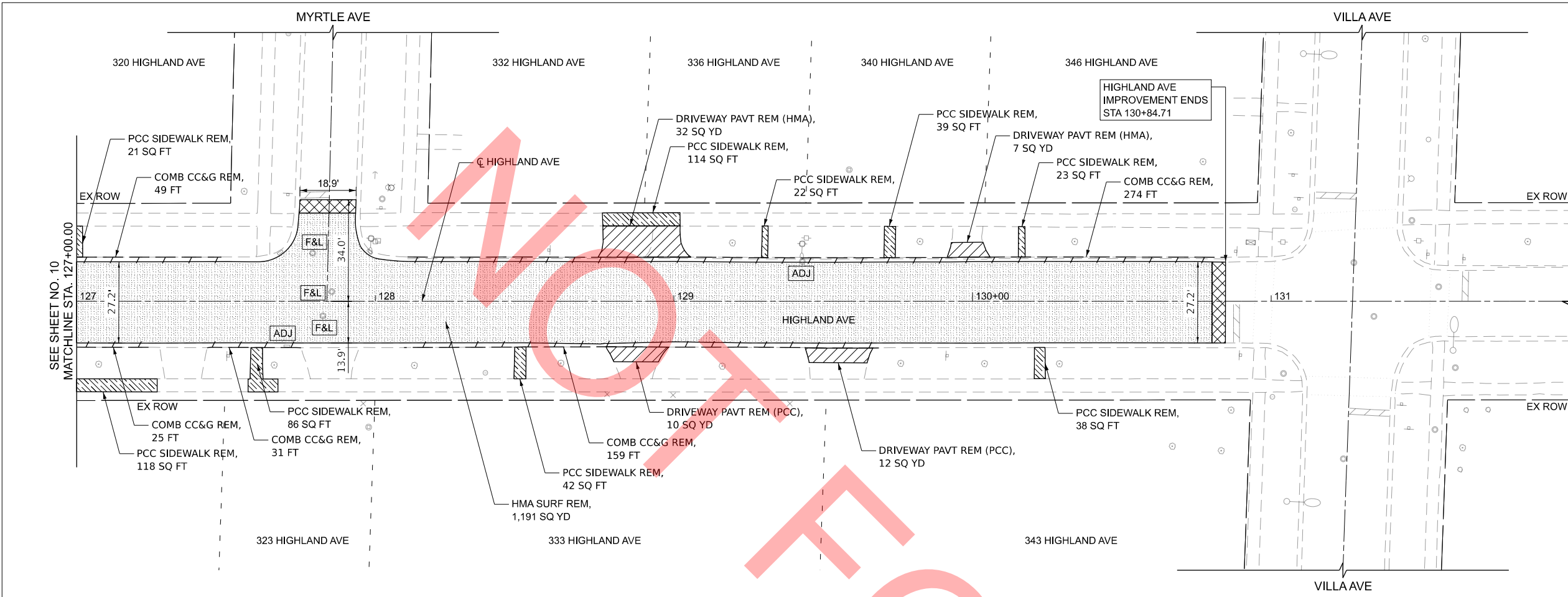
USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

PLAN IMPROVEMENTS

SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 122+00.00 TO STA. 127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

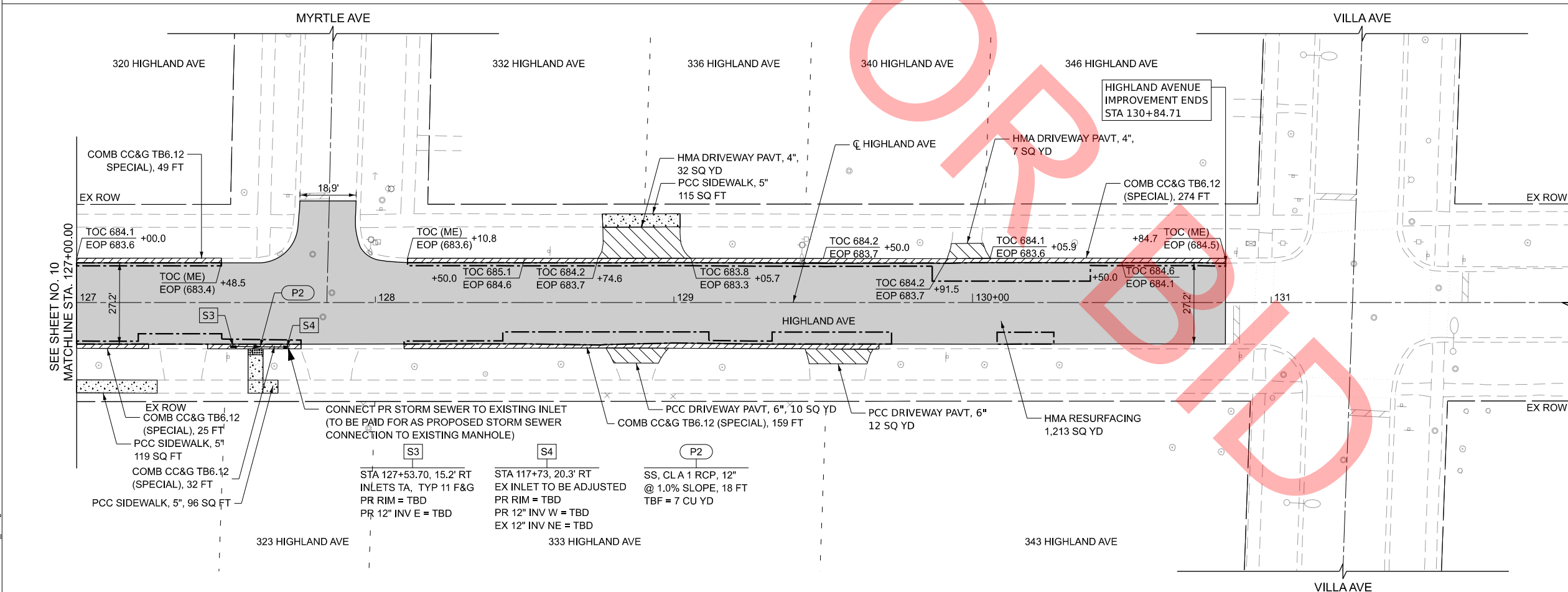


REMOVAL LEGEND

- HMA SURFACE REMOVAL, 2.5"
- HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
- DRIVEWAY REMOVAL
- SIDEWALK REMOVAL
- COMBINATION CURB AND GUTTER REMOVAL
- DRAINAGE STRUCTURES TO BE ADJUSTED
- FRAMES AND LIDS TO BE ADJUST (SPECIAL)

NOTES

- REMOVAL AND DISPOSAL OF THE MATERIAL UNDER CURB AND GUTTER, SIDEWALK AND DRIVEWAY LOCATIONS IN ORDER TO INSTALL THE AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COSTS OF REMOVAL.



PLAN LEGEND

- PCC SIDEWALK, 5 INCH AGG BASE CSE B, 4"
- HMA SC IL-9.5 D N50, 1-1/2" P HMA BC IL-4.75 N50, 1"
- PCC DRIVEWAY PAVT, 6 INCH AGG BASE CSE B, 4"
- COMB CC&G TB6.12 AGG BASE CSE B, 4"
- CL D PATCH 6" TYPE VARIES

NOTES

- SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.



MODEL: Default
FILE NAME: 0027-PLAN-SHT_07.dgn



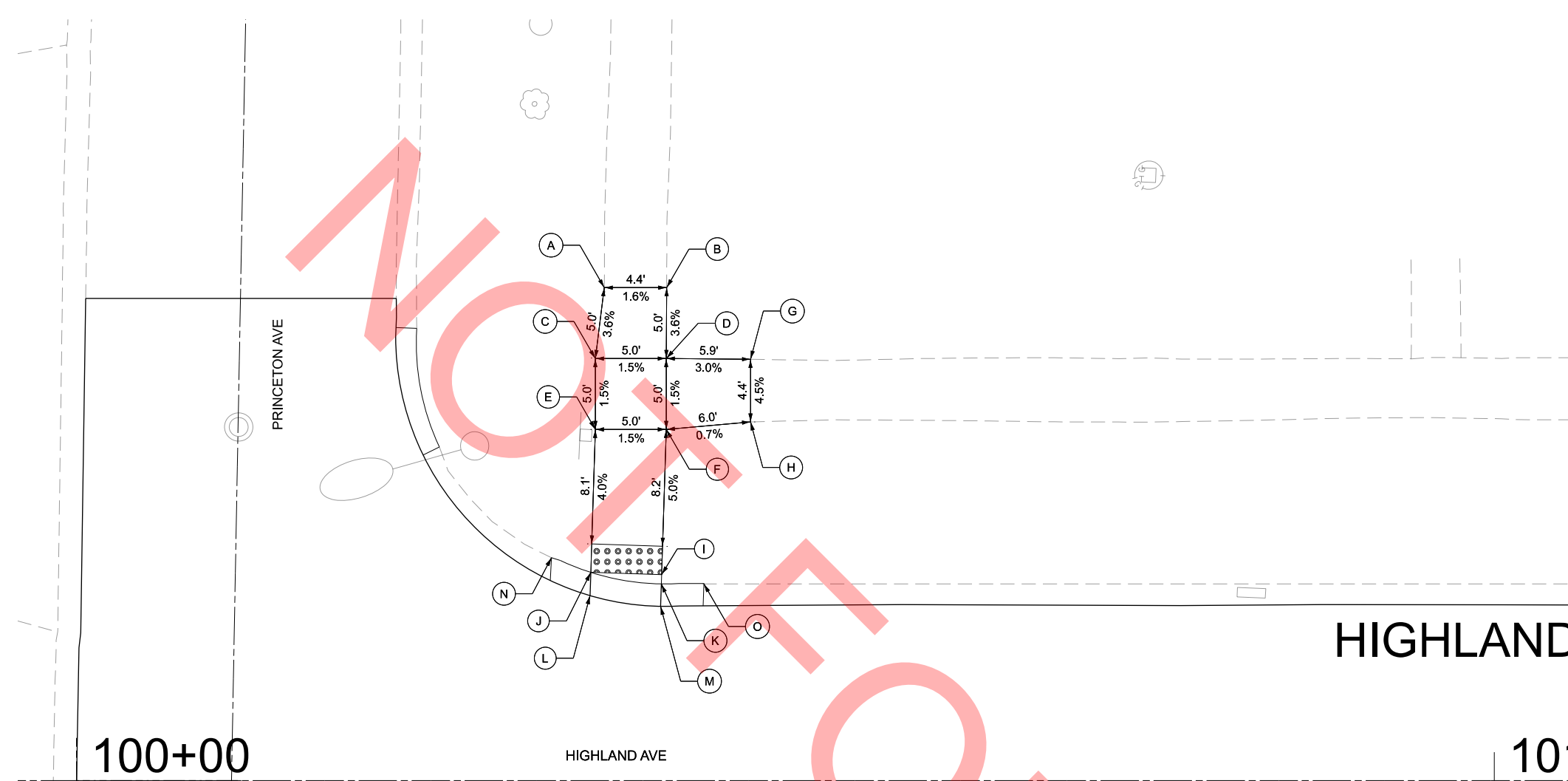
USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

PLAN IMPROVEMENTS

SCALE: 1"=20' SHEET 7 OF 7 SHEETS STA. 127+00.00 TO STA. 132+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	11
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEV
A	100+37.22	34.76' LT	(704.02)
B	100+41.62	34.76' LT	(704.09)
C	100+36.59	29.76' LT	703.84
D	100+41.59	29.76' LT	703.91
E	100+36.59	24.76' LT	703.76
F	100+41.59	24.76' LT	703.84
G	100+47.54	29.70' LT	(704.08)
H	100+47.54	25.29' LT	(703.88)
I	100+41.26	14.52' LT	703.33
J	100+36.27	14.68' LT	703.36
K	100+41.24	13.87' LT	703.32
L	100+36.22	13.04' LT	703.37
M	100+41.15	12.29' LT	703.33
N	100+33.50	15.71' LT	(703.79)
O	100+44.25	13.87' LT	(703.65)

HIGHLAND

100+00

HIGHLAND AVE

101

MODEL: Default
FILE NAME: 0027-ADA-SHT_01.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

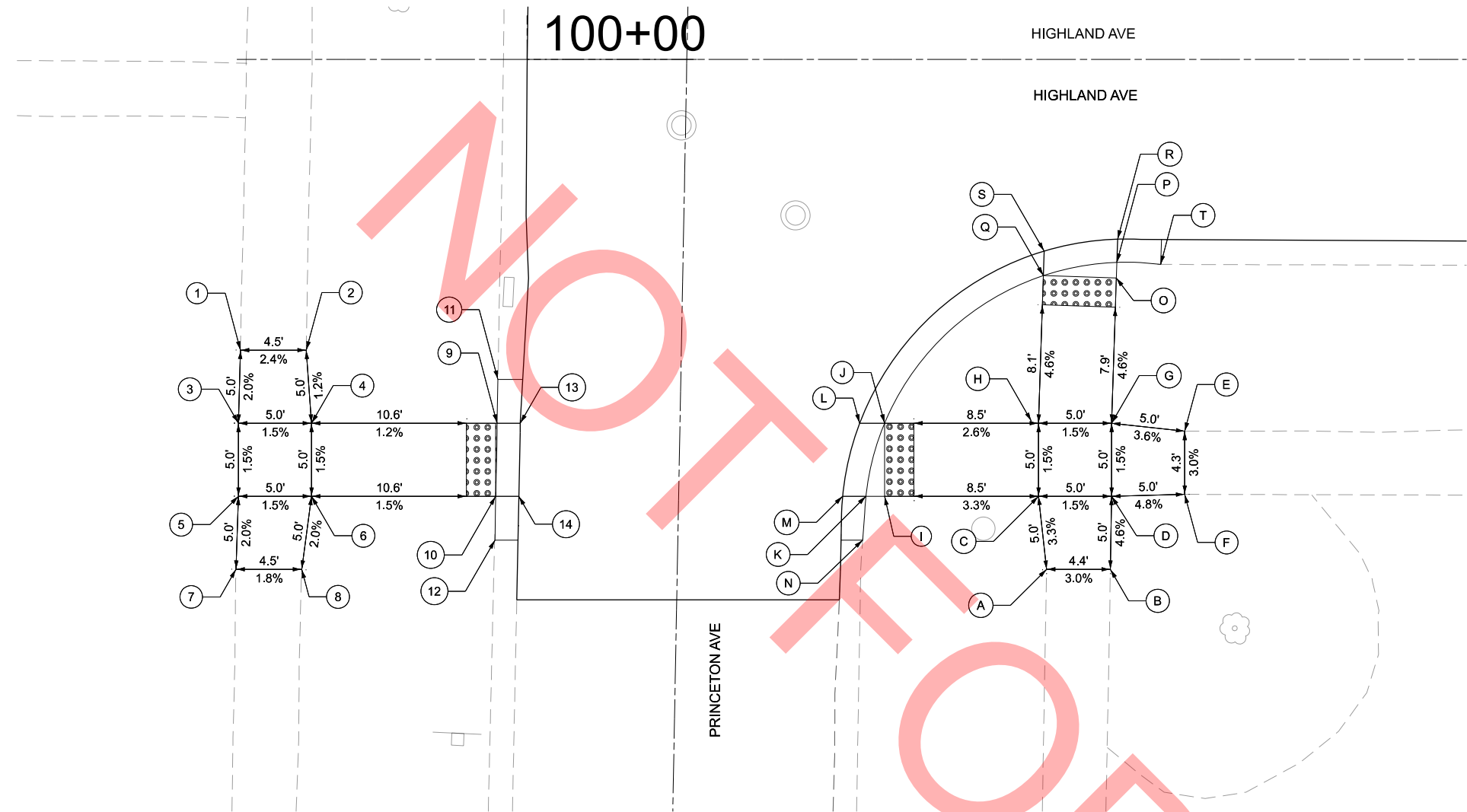
SCALE: 1"=5' SHEET 1 OF 7 SHEETS STA. 100+00.00 TO STA. 101+05.73

ADA LEGEND

- RED DETECTABLE WARNINGS
- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE



F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	12
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEV
1	99+80.39	19.91' RT	(703.91)
2	99+84.89	19.91' RT	(703.80)
3	99+80.25	24.91' RT	703.81
4	99+85.25	24.91' RT	703.74
5	99+80.25	29.91' RT	703.89
6	99+85.27	29.91' RT	703.81
7	99+80.13	34.91' RT	(703.99)
8	99+84.57	34.91' RT	(703.91)
9	99+97.85	24.91' RT	703.55
10	99+97.85	29.91' RT	703.58
11	99+98.01	21.91' RT	(703.87)
12	99+97.80	32.91' RT	(703.96)
13	99+99.53	24.91' RT	703.56
14	99+99.43	29.91' RT	703.59

	STATION	OFFSET	ELEV
A	100+35.54	34.91' RT	(704.00)
B	100+39.91	34.91' RT	(704.13)
C	100+35.00	29.91' RT	703.83
D	100+40.00	29.91' RT	703.90
E	100+45.00	25.46' RT	(704.01)
F	100+45.00	29.80' RT	(704.14)
G	100+40.00	24.91' RT	703.83
H	100+35.00	24.91' RT	703.75
I	100+24.46	29.91' RT	(703.48)
J	100+24.46	24.91' RT	703.41
K	100+23.18	29.91' RT	703.46
L	100+22.75	24.91' RT	703.42
M	100+21.59	29.91' RT	703.47
N	100+22.96	32.91' RT	703.87
O	100+40.32	14.97' RT	(703.37)
P	100+40.35	13.90' RT	703.35
Q	100+35.32	14.81' RT	703.30
R	100+40.40	12.31' RT	703.36
S	100+35.38	13.13' RT	703.31
T	100+43.35	14.04' RT	703.66

ADA LEGEND

- RED DETECTABLE WARNINGS
- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 0027-ADA-SHT_02.dgn



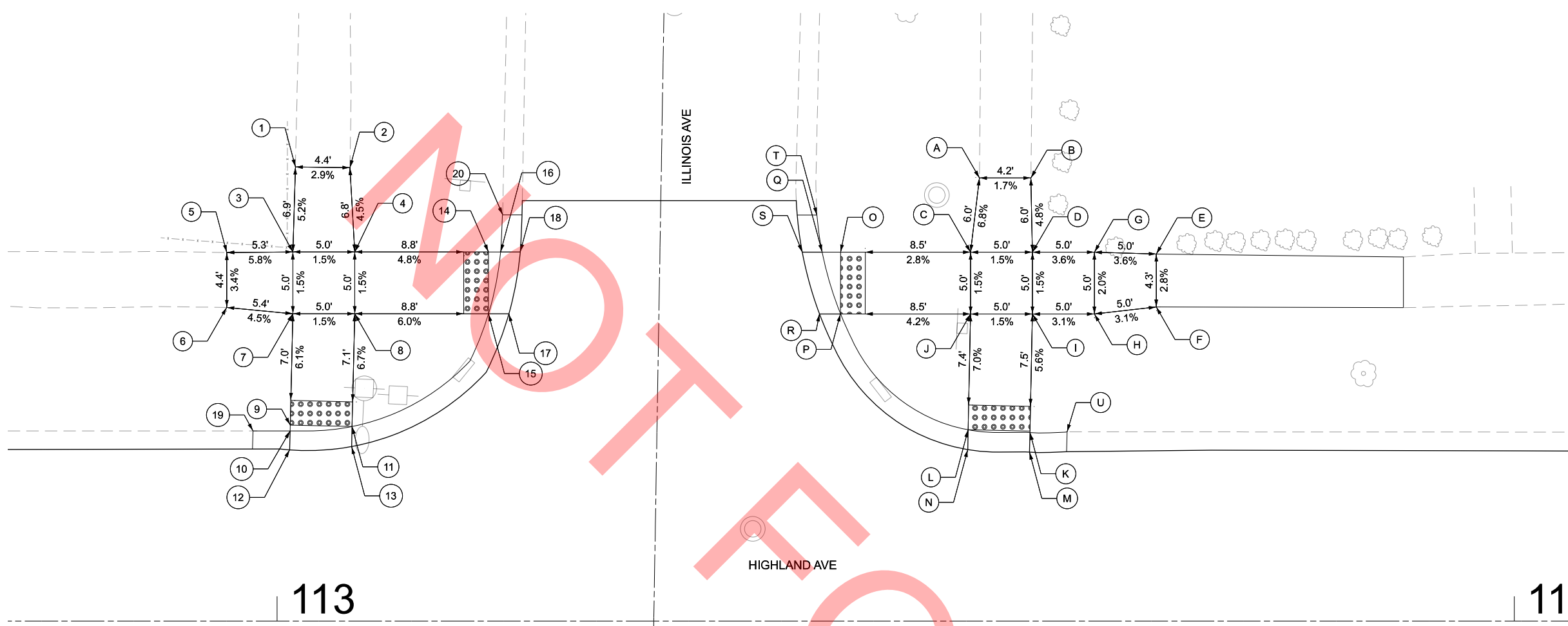
USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

SCALE: 1"=5' SHEET 2 OF 7 SHEETS STA. 100+00.00 TO STA. 100+64.29

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	13
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEV
1	113+01.48	36.73' LT	703.80
2	113+05.89	36.66' LT	703.67
3	113+01.28	29.85' LT	703.44
4	113+06.28	29.85' LT	703.36
5	112+95.94	29.81' LT	703.75
6	112+95.94	25.36' LT	703.60
7	113+01.28	24.85' LT	703.36
8	113+06.28	24.85' LT	703.29
9	113+01.07	15.84' LT	702.81
10	113+01.06	15.37' LT	702.80
11	113+06.06	15.73' LT	702.67
12	113+01.02	13.84' LT	702.81
13	113+06.02	14.11' LT	702.68
14	113+17.09	29.85' LT	702.84
15	113+17.09	24.85' LT	702.64
16	113+18.10	29.85' LT	702.82
17	113+18.74	24.85' LT	702.65
18	113+19.65	29.85' LT	702.83
19	112+98.05	15.37' LT	703.17
20	113+18.24	32.85' LT	703.37

	STATION	OFFSET	ELEV
A	113+56.77	35.83' LT	(703.80)
B	113+60.93	35.83' LT	(703.73)
C	113+56.06	29.83' LT	703.39
D	113+61.06	29.83' LT	703.31
E	113+71.07	29.68' LT	(703.67)
F	113+71.07	25.40' LT	(703.55)
G	113+66.07	29.83' LT	703.49
H	113+66.07	24.83' LT	703.39
I	113+61.06	24.83' LT	703.24
J	113+56.06	24.83' LT	703.31
K	113+60.85	15.24' LT	702.70
L	113+55.86	14.47' LT	702.66
M	113+60.82	13.66' LT	702.71
N	113+55.82	13.86' LT	702.67
O	113+45.55	29.84' LT	703.10
P	113+45.54	24.84' LT	702.87
Q	113+44.06	29.85' LT	703.08
R	113+43.85	24.84' LT	702.88
S	113+42.45	29.84' LT	703.09
T	113+43.64	32.82' LT	(703.49)
U	113+63.86	15.31' LT	(703.14)

ADA LEGEND

- RED DETECTABLE WARNINGS
- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 0027-ADA-SHT_03.dgn



USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

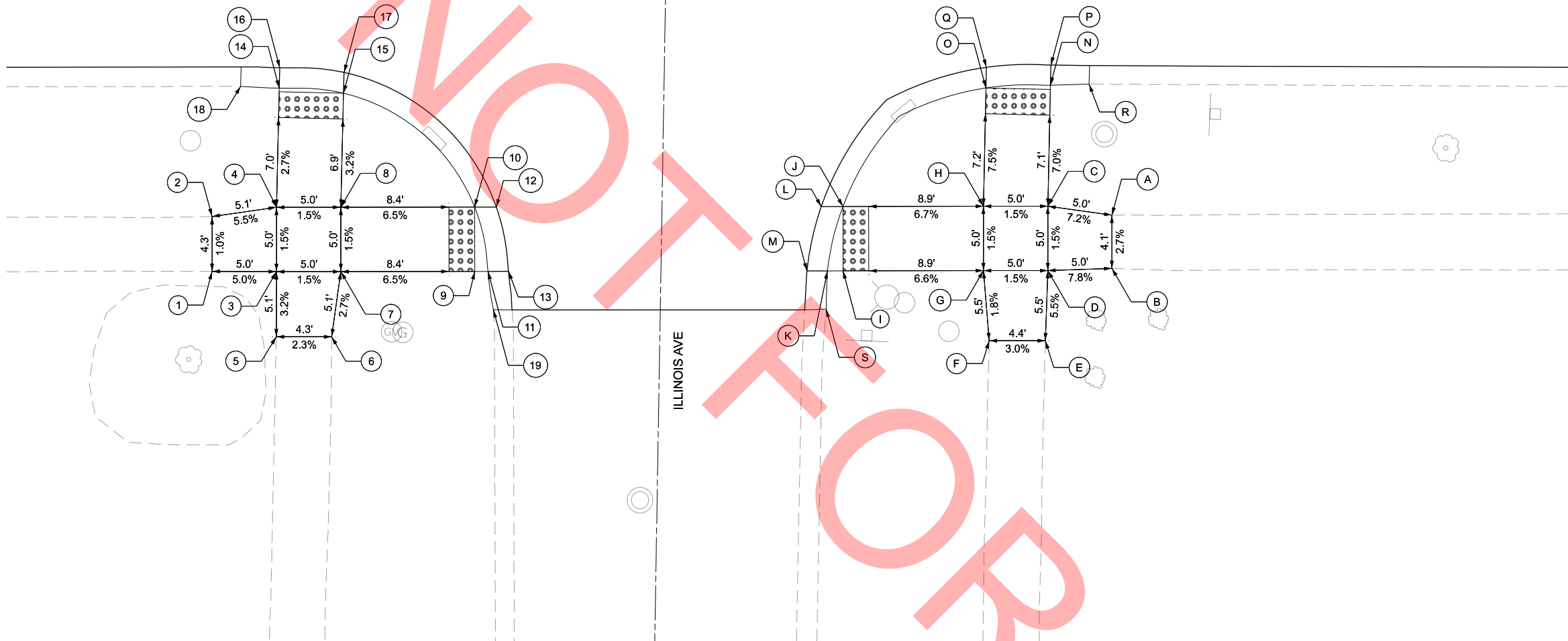
SCALE: 1"=5' SHEET 3 OF 7 SHEETS STA. 117+16.01 TO STA. 118+07.42

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	14
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

113

HIGHLAND AVE

ILLINOIS AVE



	STATION	OFFSET	ELEV
A	113+64.97	25.65' RT	(703.36)
B	113+64.97	29.78' RT	(703.47)
C	113+59.99	24.95' RT	703.00
D	113+59.99	29.85' RT	703.08
E	113+59.80	35.40' RT	(703.38)
F	113+55.44	35.40' RT	(703.25)
G	113+54.99	29.95' RT	703.15
H	113+54.99	24.95' RT	703.08
I	113+44.09	29.97' RT	702.43
J	113+44.08	24.97' RT	702.35
K	113+42.88	29.97' RT	702.41
L	113+42.40	24.97' RT	702.36
M	113+41.29	29.98' RT	702.42
N	113+60.19	15.56' RT	702.34
O	113+55.19	15.77' RT	702.39
P	113+60.23	13.98' RT	702.35
Q	113+55.22	14.16' RT	702.40
R	113+63.20	15.46' RT	(702.79)
S	113+42.78	32.95' RT	(702.88)

	STATION	OFFSET	ELEV
1	112+95.10	30.02' RT	(703.39)
2	112+95.10	25.75' RT	(703.34)
3	113+00.10	30.03' RT	703.14
4	113+00.10	25.11' RT	703.06
5	113+00.04	35.17' RT	(703.30)
6	113+04.39	35.10' RT	(703.20)
7	113+05.10	30.03' RT	703.06
8	113+05.10	25.03' RT	702.99
9	113+15.50	30.02' RT	702.38
10	113+15.49	25.02' RT	702.31
11	113+16.52	30.02' RT	702.36
12	113+17.18	25.01' RT	702.32
13	113+18.11	30.01' RT	702.37
14	113+00.32	15.78' RT	702.81
15	113+05.31	16.17' RT	702.71
16	113+00.36	14.19' RT	702.82
17	113+05.35	14.56' RT	702.72
18	112+97.32	15.64' RT	(703.26)
19	113+64.94	33.01' RT	(702.87)

ADA LEGEND

- RED DETECTABLE WARNINGS
- EX CURB AND GUTTER
- PR CURB AND GUTTER
- (/) EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 0227-ADA-SHT_04.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

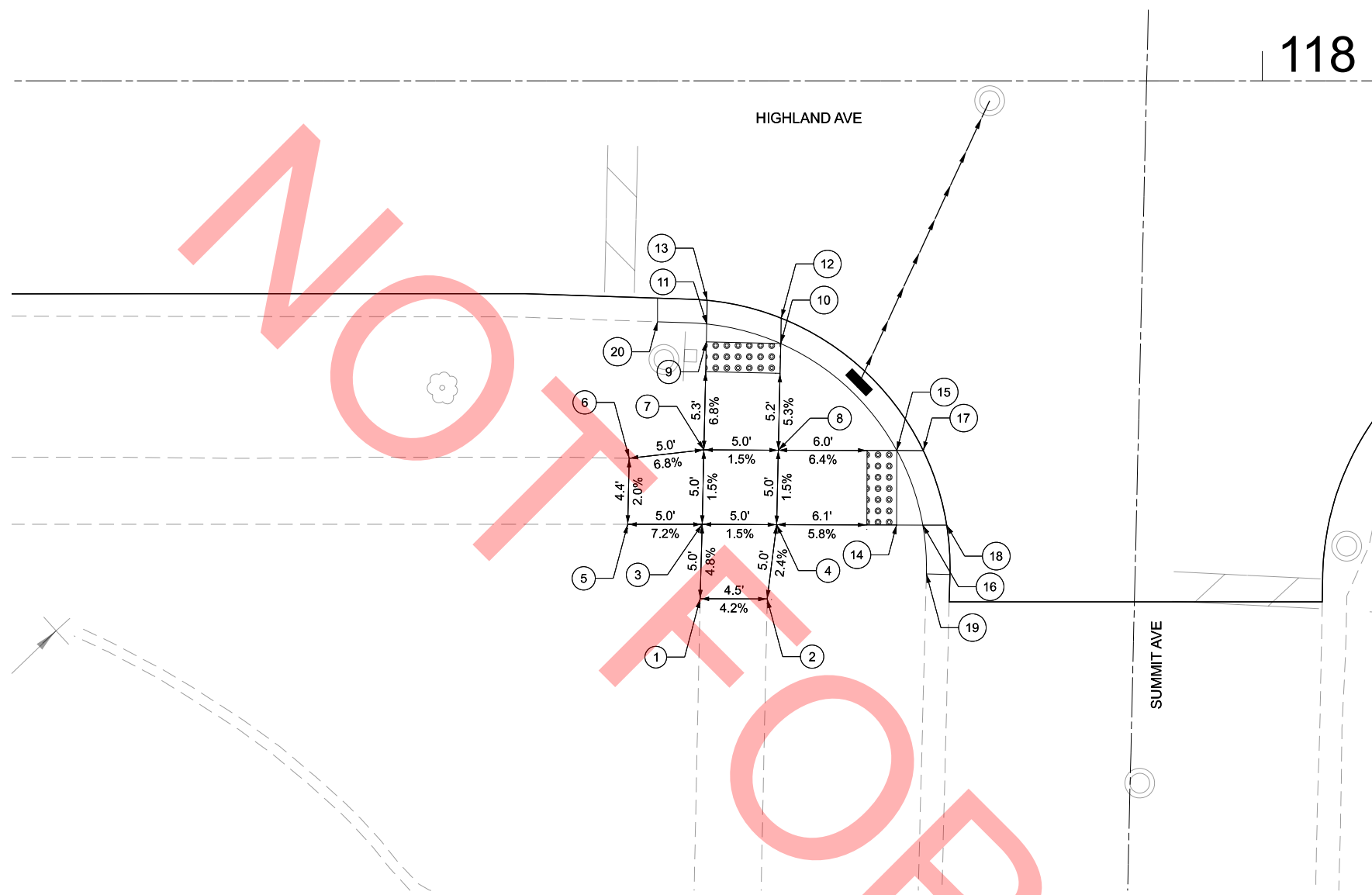
SCALE: 1"=5' SHEET 4 OF 7 SHEETS STA. 112+79.13 TO STA. 114+01.11

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	15
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

118





HIGHLAND AVE

SUMMIT AVE



	STATION	OFFSET	ELEV
1	117+62.25	34.80' RT	(702.44)
2	117+66.75	34.81' RT	(702.25)
3	117+62.39	29.80' RT	702.20
4	117+67.39	29.81' RT	702.13
5	117+57.39	29.79' RT	(702.56)
6	117+57.49	25.35' RT	(702.47)
7	117+62.50	29.79' RT	702.13
8	117+67.50	24.81' RT	702.20
9	117+62.66	17.54' RT	701.63
10	117+67.66	17.65' RT	701.82
11	117+62.69	16.34' RT	701.62
12	117+67.98	16.06' RT	701.83
13	117+62.73	14.75' RT	701.63
14	117+75.44	29.83' RT	701.66
15	117+75.46	24.83' RT	701.69
16	117+77.20	29.84' RT	701.63
17	117+77.24	24.84' RT	701.70
18	117+78.81	29.85' RT	701.64
19	117+77.44	33.12' RT	(702.00)
20	117+59.39	16.19' RT	(702.07)

ADA LEGEND

-  RED DETECTABLE WARNINGS
-  EX CURB AND GUTTER
-  PR CURB AND GUTTER
-  EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 027-ADA-SHT_05.dgn

TRANSYSTEMS

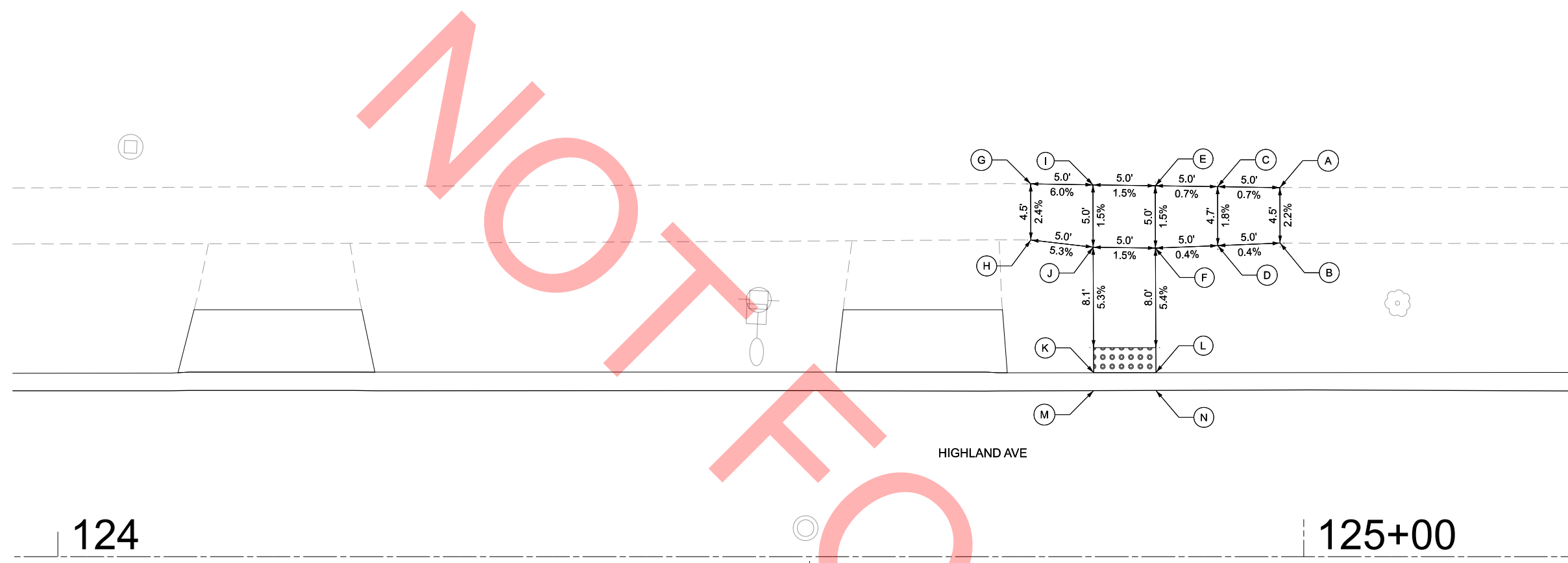
USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

SCALE: 1"=5' SHEET 5 OF 7 SHEETS STA. 117+16.01 TO STA. 118+07.42

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



	STATION	OFFSET	ELEV
A	124+98.09	29.61' LT	(686.53)
B	124+98.16	25.09' LT	(686.43)
C	124+93.09	29.69' LT	686.50
D	124+93.10	24.96' LT	686.41
E	124+88.09	29.76' LT	686.46
F	124+88.10	24.76' LT	686.39
G	124+78.09	29.91' RT	(686.84)
H	124+78.10	25.41' RT	(686.73)
I	124+83.09	29.84' RT	686.54
J	124+83.10	24.84' RT	686.46
K	124+83.13	14.77' RT	685.93
L	124+88.13	14.77' RT	685.85
M	124+83.14	13.32' RT	685.94
N	124+88.14	13.34' RT	685.86





124

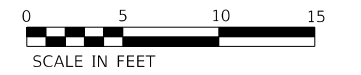
125+00

HIGHLAND AVE

HIGHLAND AVE

ADA LEGEND

-  RED DETECTABLE WARNINGS
-  EX CURB AND GUTTER
-  PR CURB AND GUTTER
-  EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 0027-ADA-SHT_06.dgn

TRANSYSTEMS	USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
		DRAWN - KLB	REVISED -
		CHECKED - EAD	REVISED -
	PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

SCALE: 1"=5' SHEET 6 OF 7 SHEETS STA. 123+96.36 TO STA. 125+21.36

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	17
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

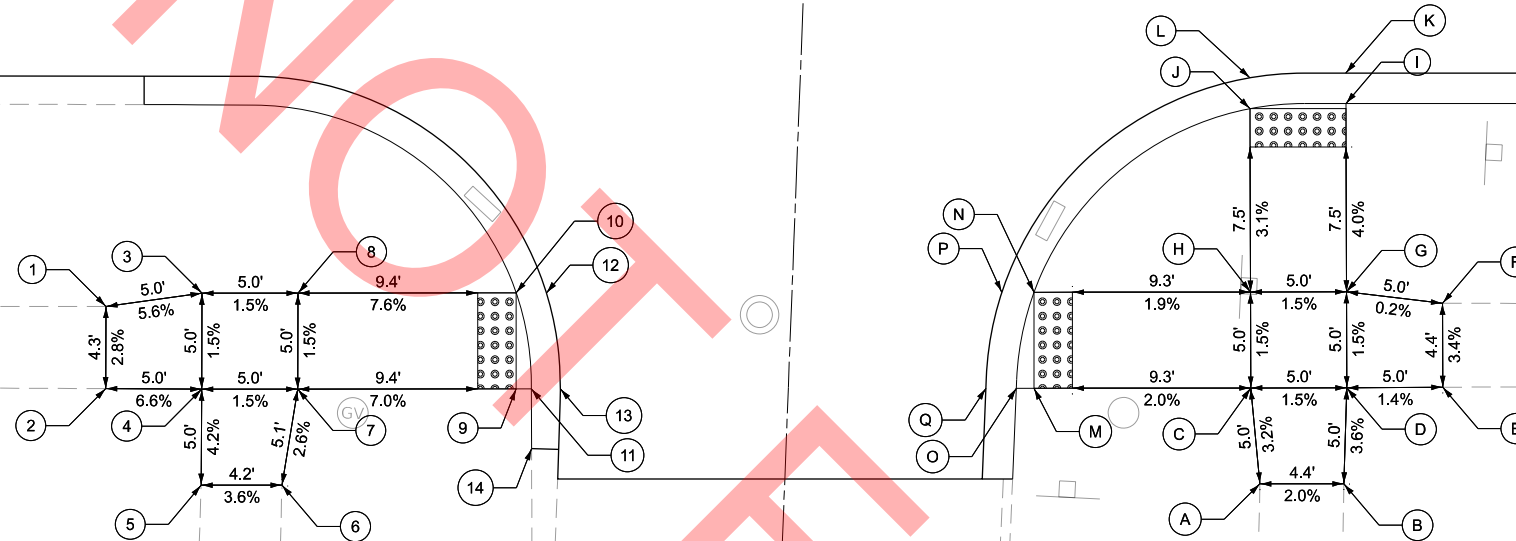
124

125+00



HIGHLAND AVE

EUCLID AVE



	STATION	OFFSET	ELEV
A	124+83.75	35.26' RT	(686.35)
B	124+88.13	35.25' RT	(686.44)
C	124+83.28	30.26' RT	686.19
D	124+88.28	30.25' RT	686.26
E	124+93.28	30.22' RT	(686.33)
F	124+93.26	25.85' RT	(686.18)
G	124+88.26	25.25' RT	686.19
H	124+83.25	25.26' RT	686.11
I	124+88.23	15.44' RT	685.79
J	124+83.23	15.71' RT	685.81
K	124+88.23	13.85' RT	685.80
L	124+83.23	14.10' RT	685.82
M	124+71.99	30.27' RT	685.96
N	124+71.99	25.27' RT	685.90
O	124+71.06	30.27' RT	685.95
P	124+70.31	25.27' RT	685.91
Q	124+69.48	30.27' RT	685.96

	STATION	OFFSET	ELEV
1	124+23.64	26.01' RT	(687.08)
2	124+23.62	30.30' RT	(687.20)
3	124+28.64	25.32' RT	686.80
4	124+28.62	30.32' RT	686.87
5	124+28.60	35.32' RT	(687.08)
6	124+32.81	35.32' RT	(686.93)
7	124+33.62	30.32' RT	686.80
8	124+33.64	25.32' RT	686.72
9	124+45.01	30.30' RT	686.00
10	124+45.01	25.30' RT	685.86
11	124+45.80	30.30' RT	685.99
12	124+46.58	25.30' RT	685.87
13	124+47.37	30.37' RT	686.00
14	124+45.81	33.41' RT	(686.24)

ADA LEGEND

- RED DETECTABLE WARNINGS
- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE



MODEL: Default
FILE NAME: 027-ADA-SHT_07.dgn

TRANSYSTEMS

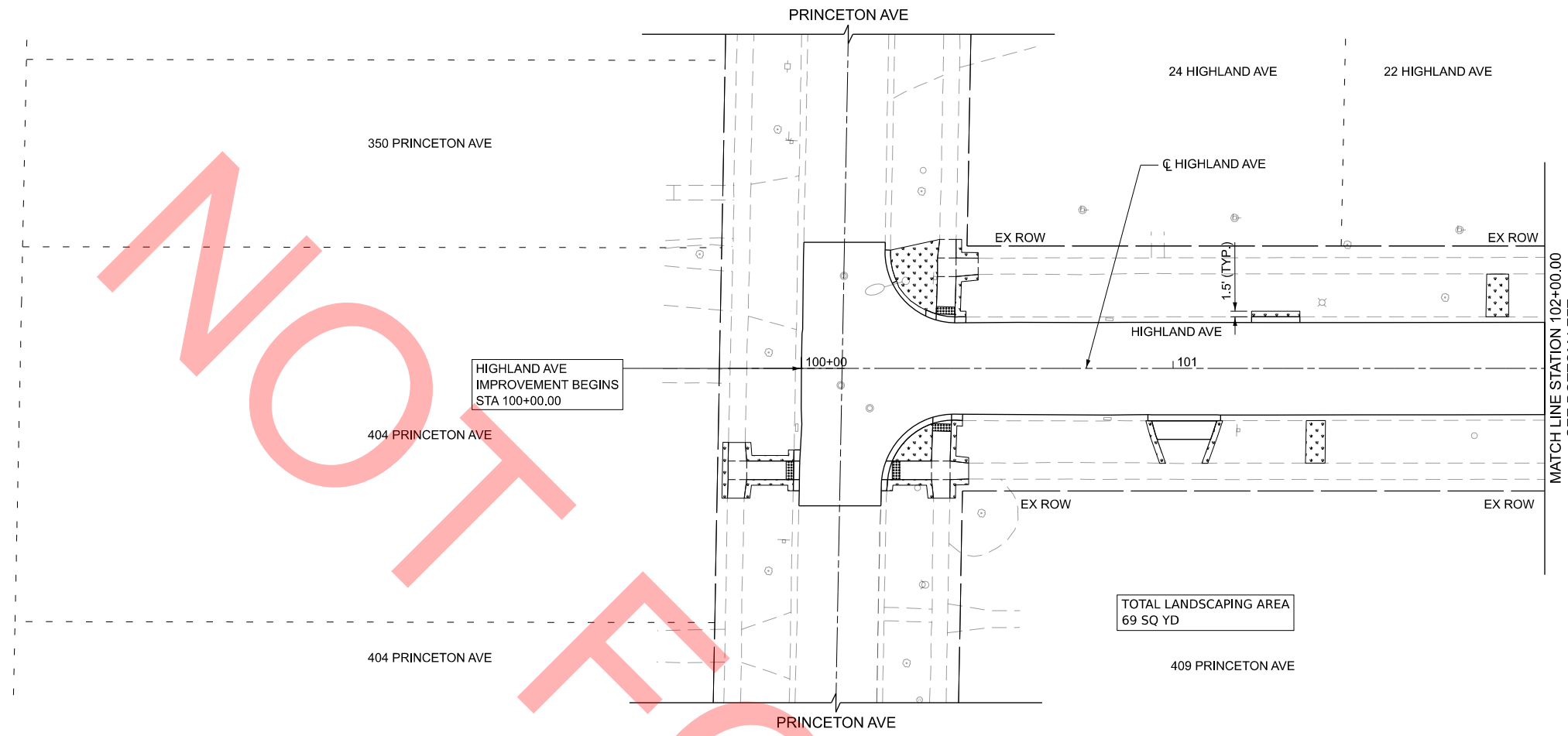
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		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

ADA DETAILS

SCALE: 1"=5' SHEET 7 OF 7 SHEETS STA. 123+96.36 TO STA. 125+21.36

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	18
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

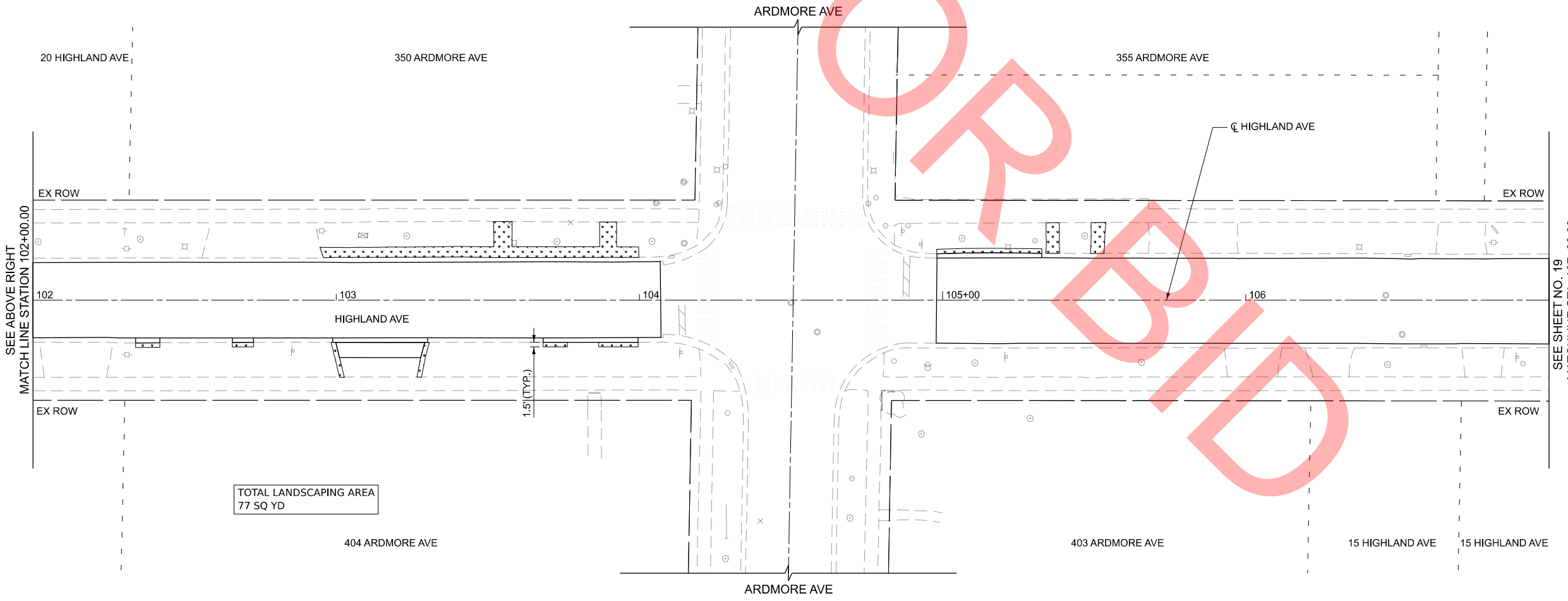


LANDSCAPING LEGEND

TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT & FERTILIZER NUTRIENTS

NOTES

1. THE VILLAGE OF VILLA PARK WILL REPLACE PAVEMENT MARKINGS AFTER THE PROJECT HAS BEEN COMPLETED



MODEL: Default
FILE NAME: 0027-SHT-LS_01.dgn

TRANSYSTEMS

USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

LANDSCAPING AND SIGNING PLAN

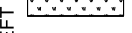
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. 100+00.00 TO STA. 107+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	19
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



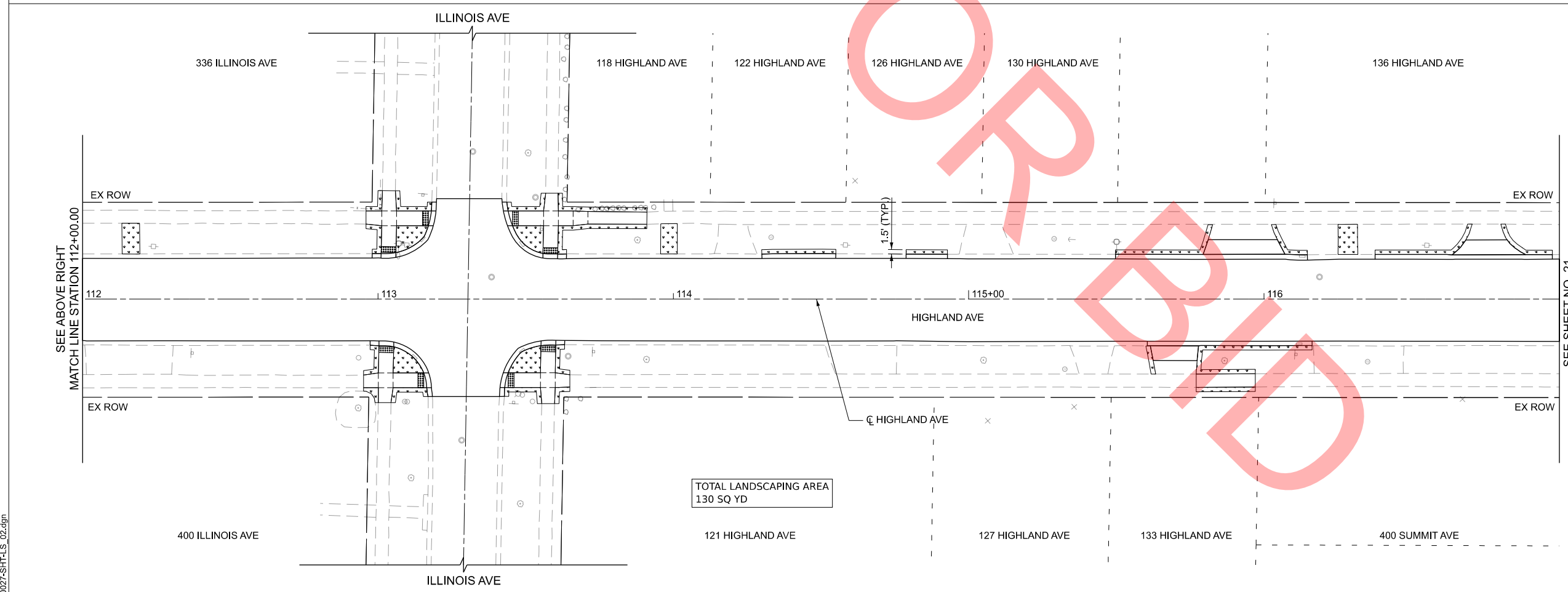
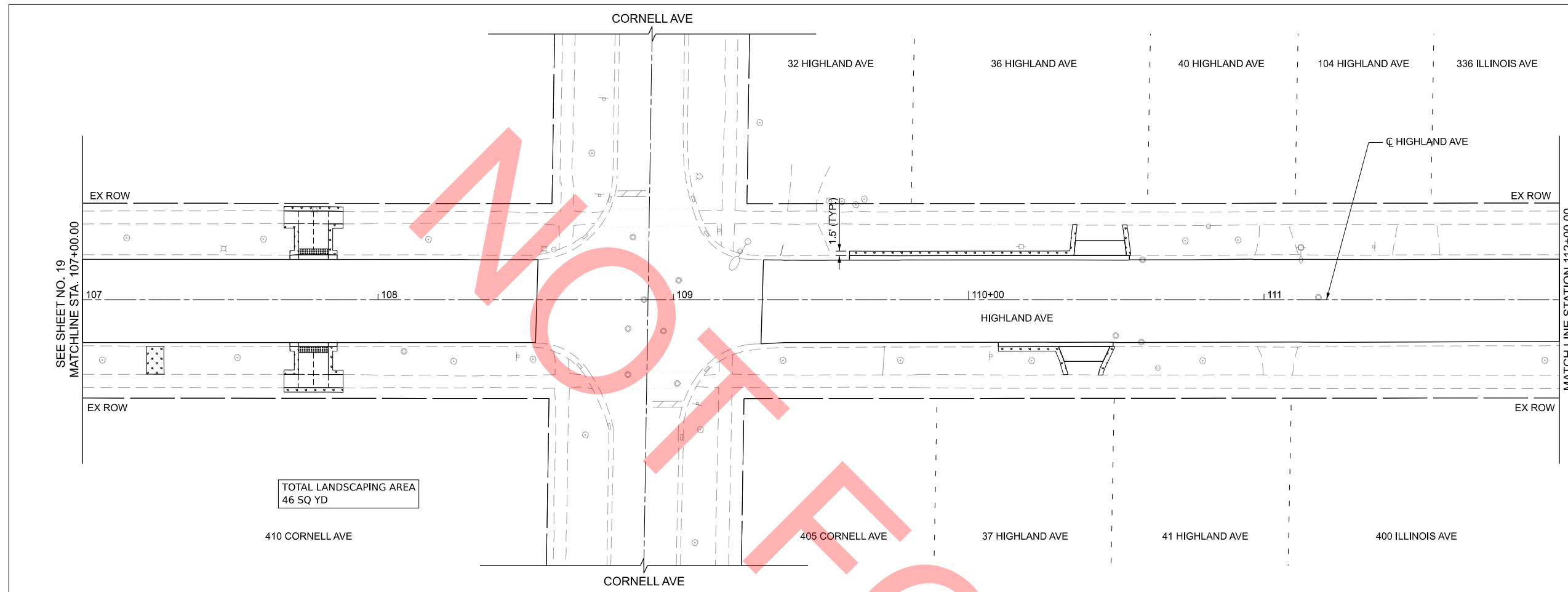
LANDSCAPING LEGEND

TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT & FERTILIZER NUTRIENTS



NOTES

1. THE VILLAGE OF VILLA PARK WILL REPLACE PAVEMENT MARKINGS AFTER THE PROJECT HAS BEEN COMPLETED



MODEL: Default
FILE NAME: 0027-SHT-LS_02.dgn



USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

VILLAGE OF VILLA PARK
ENGINEERING DIVISION

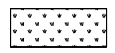
LANDSCAPING AND SIGNING PLAN

SCALE: 1"=20' SHEET 2 OF 4 SHEETS STA. 107+00.00 TO STA. 117+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	20
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

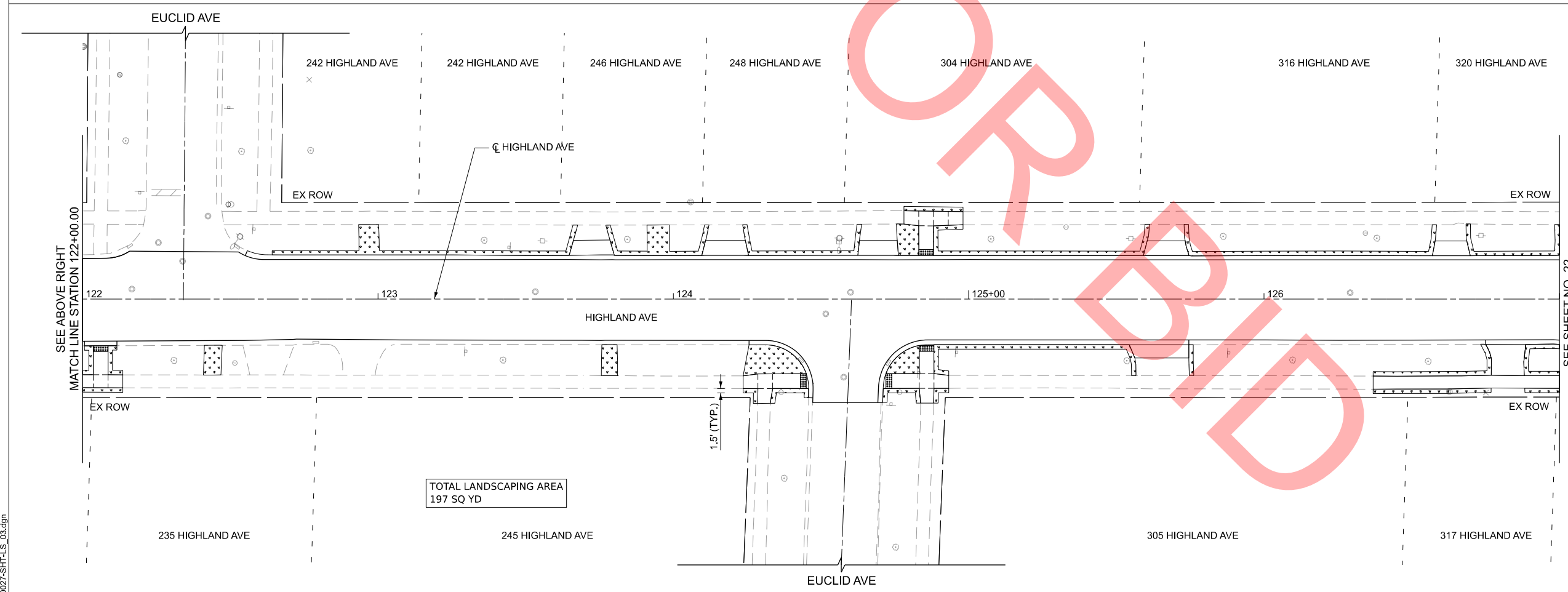
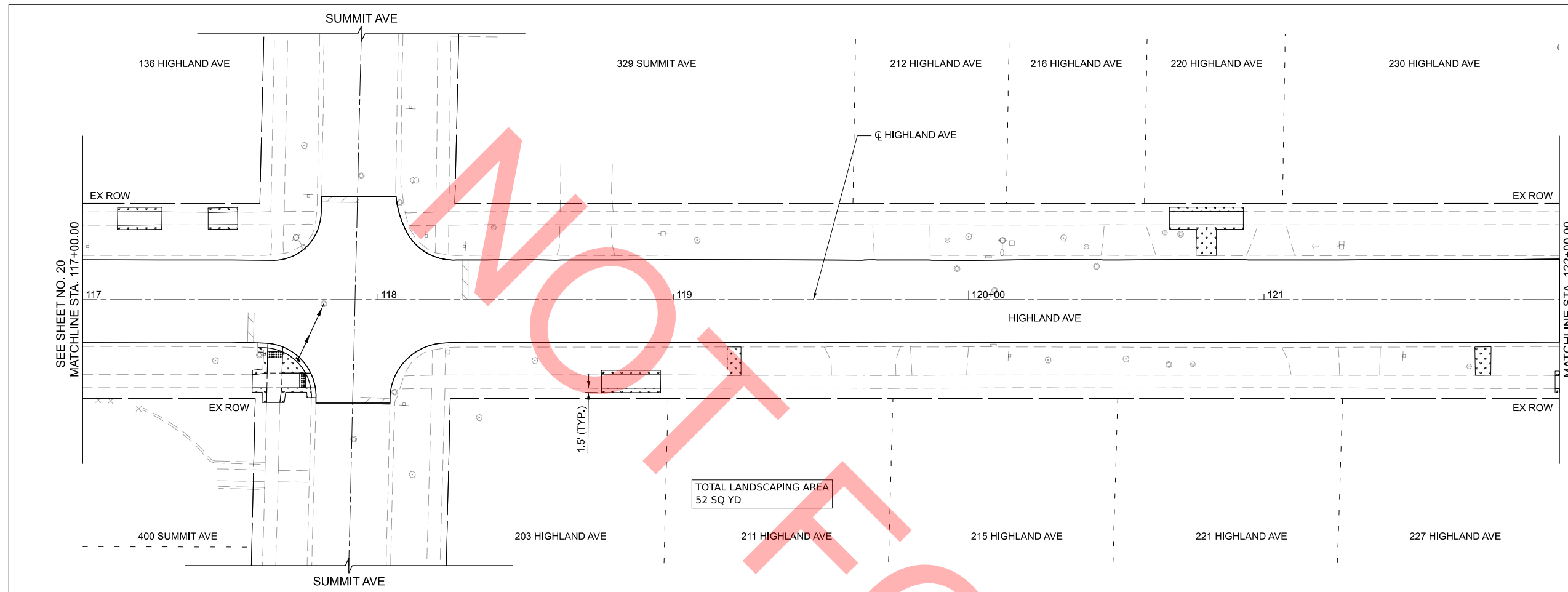


LANDSCAPING LEGEND

 TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT & FERTILIZER NUTRIENTS

NOTES

1. THE VILLAGE OF VILLA PARK WILL REPLACE PAVEMENT MARKINGS AFTER THE PROJECT HAS BEEN COMPLETED



MODEL: Default
FILE NAME: 0027-SHT-LS_03.dgn



USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	KLB	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

LANDSCAPING AND SIGNING PLAN

SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. 117+00.00 TO STA. 127+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	21
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

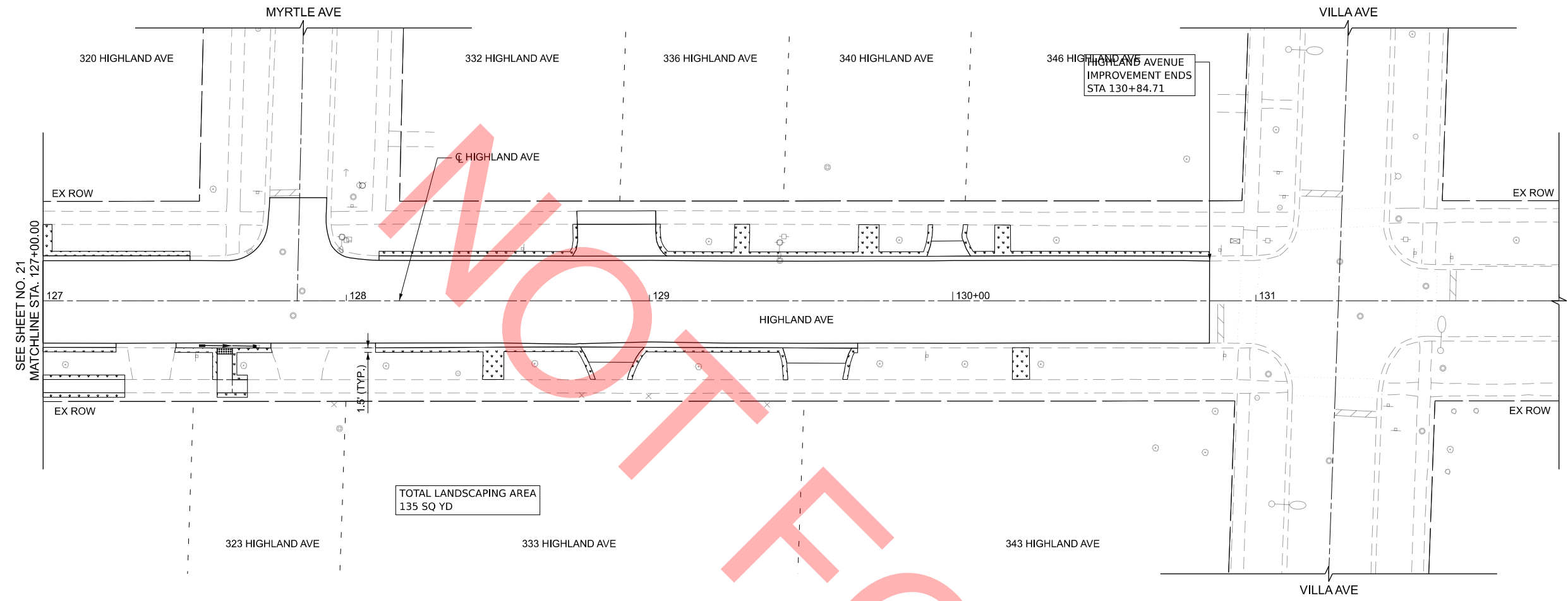


LANDSCAPING LEGEND

TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT & FERTILIZER NUTRIENTS

NOTES

- 1. THE VILLAGE OF VILLA PARK WILL REPLACE PAVEMENT MARKINGS AFTER THE PROJECT HAS BEEN COMPLETED



MODEL: Default
FILE NAME: 027-SHT-LS_04.dgn



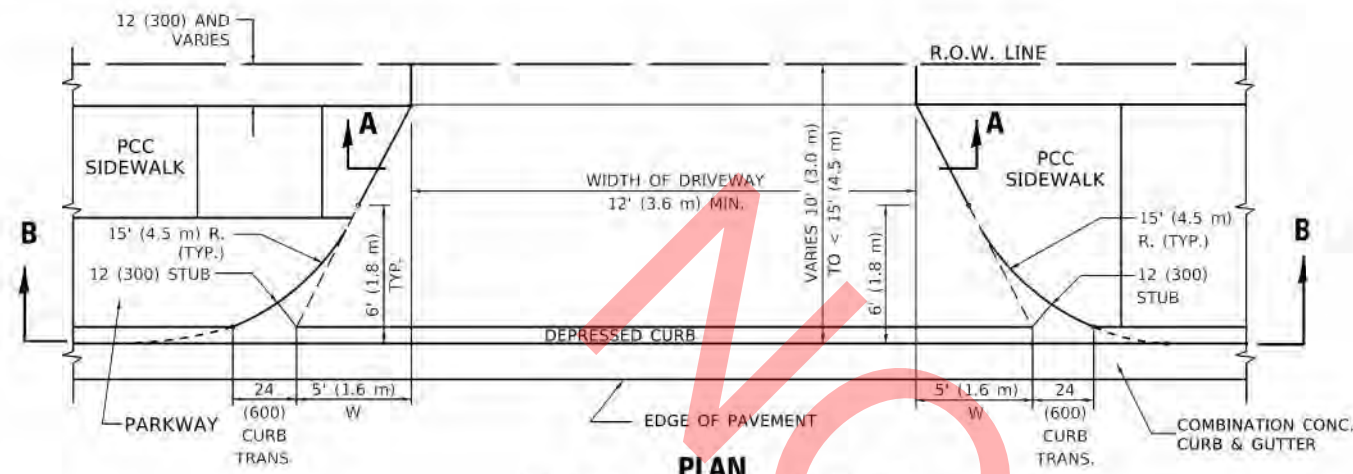
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	DRAWN - KLB	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

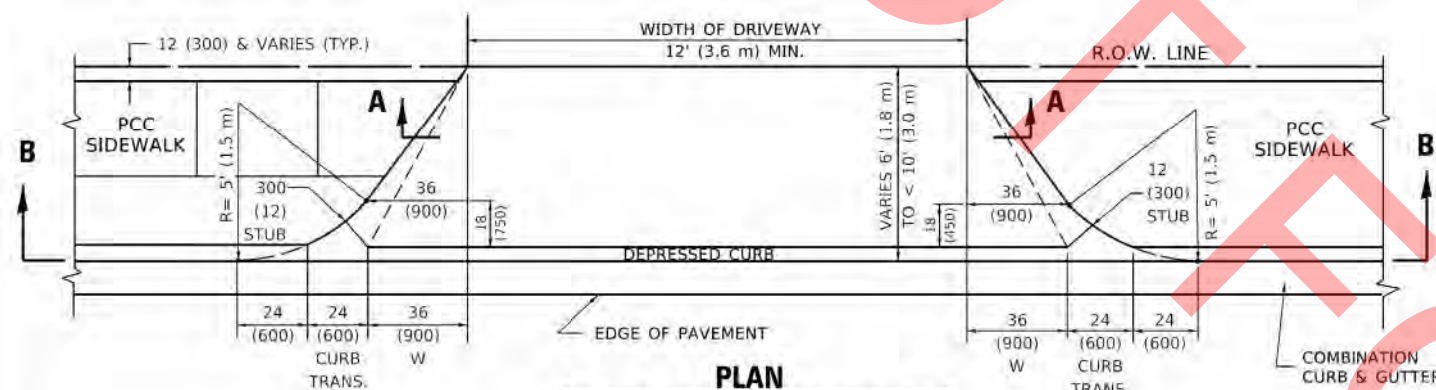
LANDSCAPING AND SIGNING PLAN

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. 127+00.00 TO STA. 132+00.00

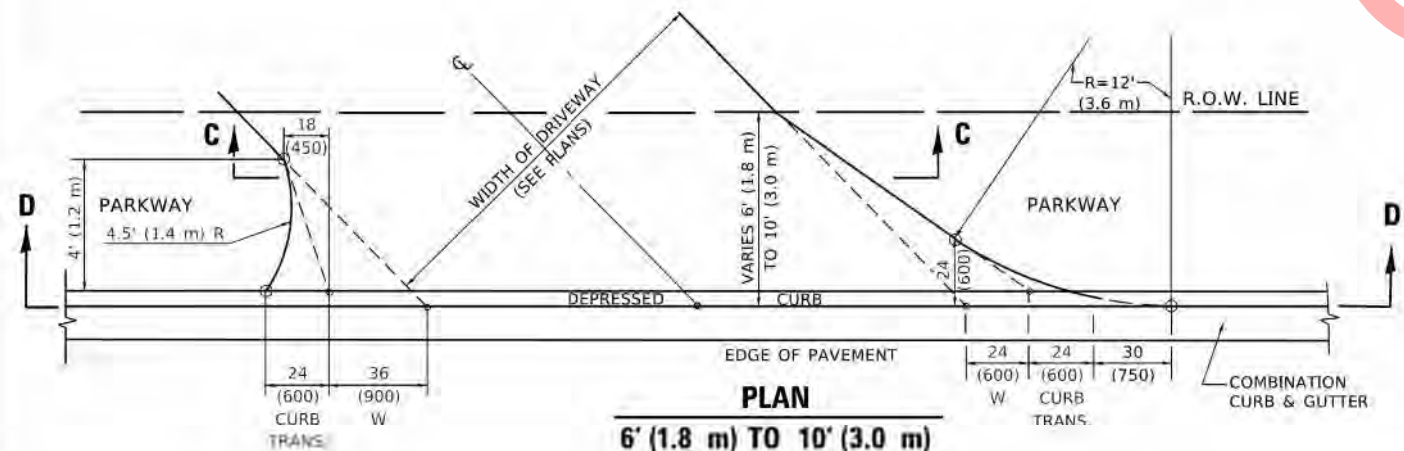
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	22
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



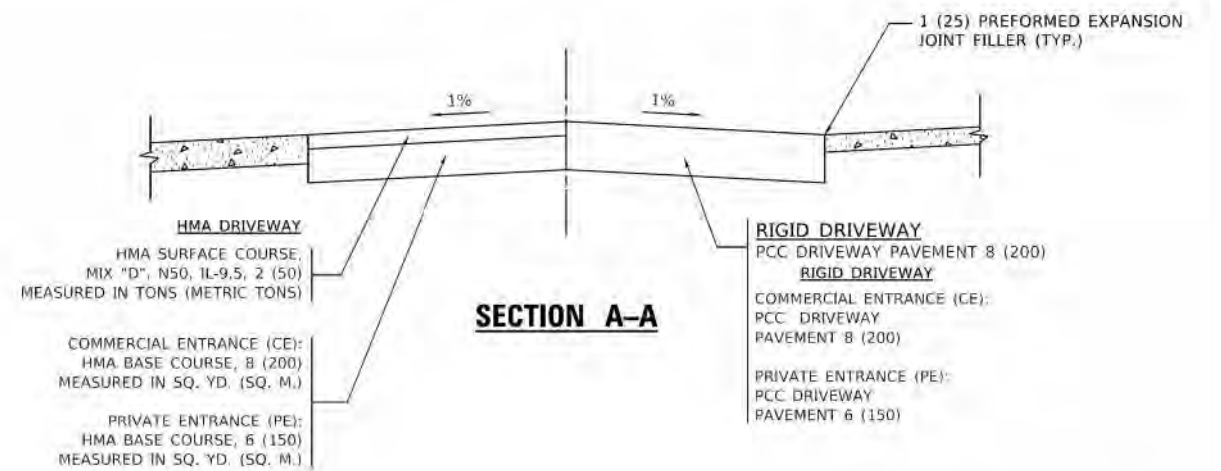
PLAN
10' (3.0 m) TO < 15' (4.5 m)



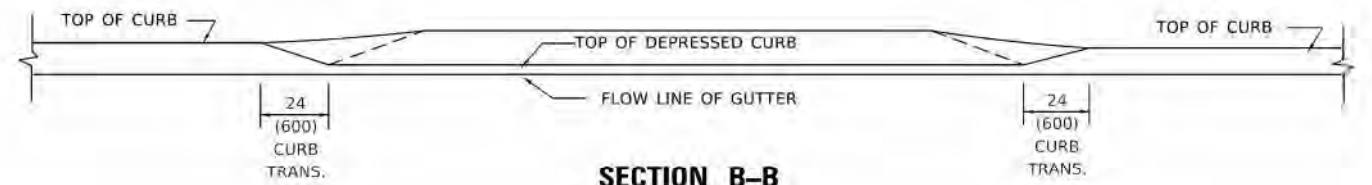
PLAN
6' (1.8 m) TO < 10' (3.0 m)



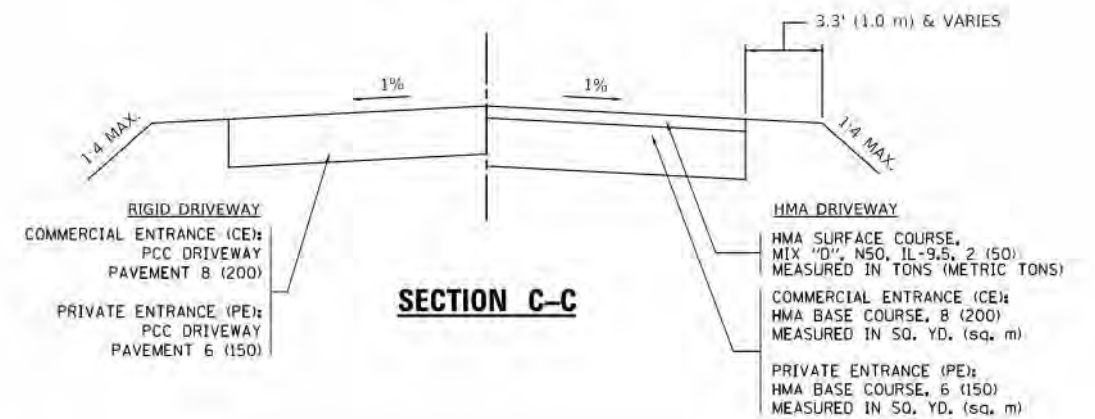
PLAN
6' (1.8 m) TO 10' (3.0 m)



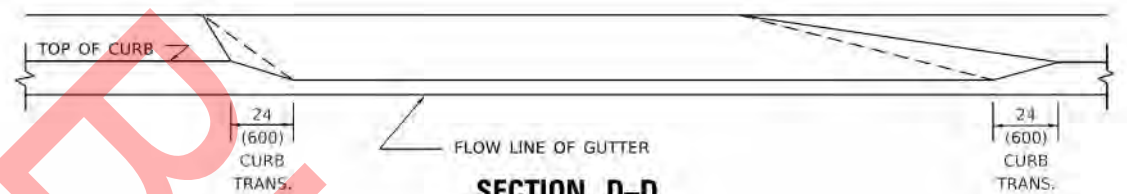
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

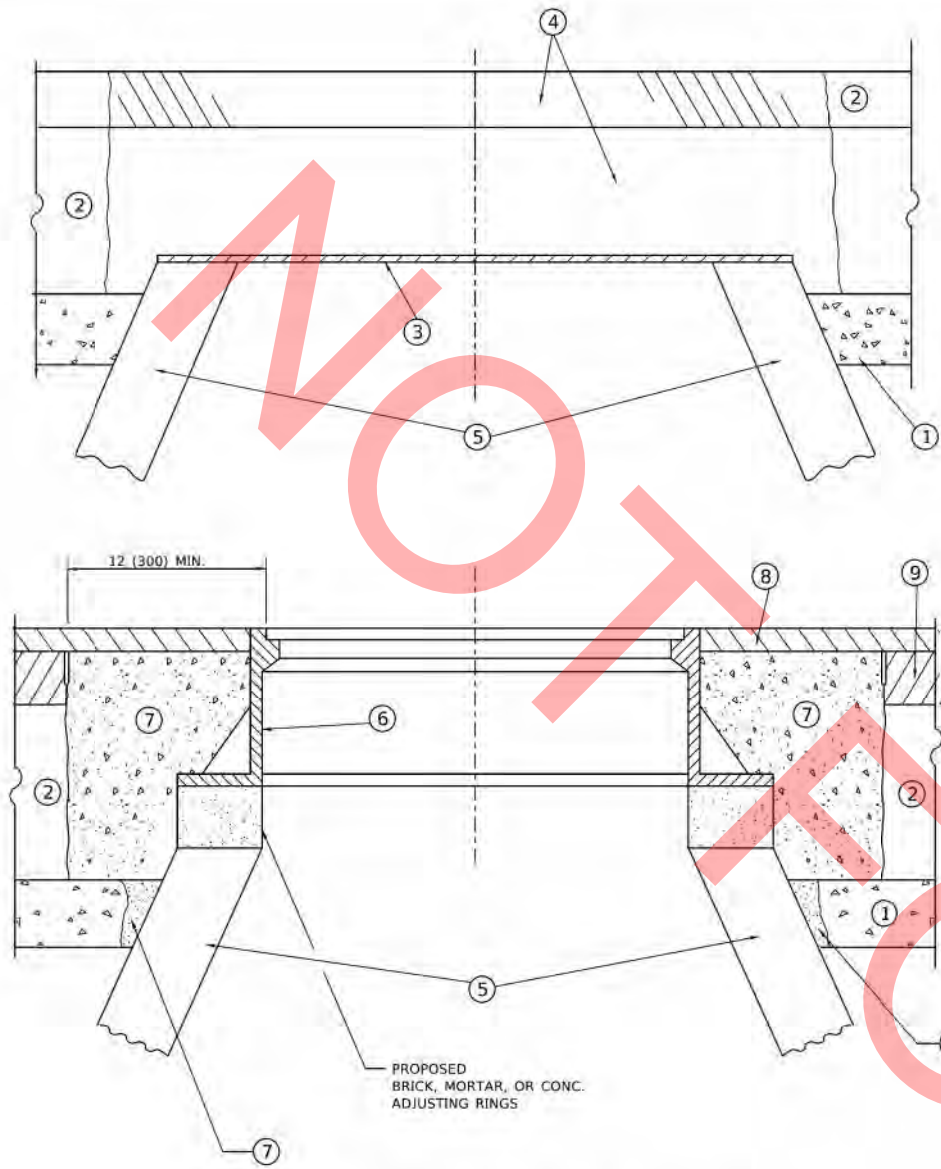
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

S.A. IITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	23
80406-02 (B0-02)			CONTRACT NO.	

USER NAME: LAYERSADMIN	DESIGNED: R. SHAH	REVISED: R. SHIH 01-01-07
PROJECT SCALE: 1/8" = 1'-0"	CHECKED: E. SMITH 08-27-13	REVISED: E. SMITH 08-27-13
PLT DATE: 11-18-02	DATE: 11-06-99	REVISED: E. SMITH 11-18-02

SCALE: NONE SHEET: 1 OF 1 SHEETS STA. TO STA.



DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

- 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

- 1. 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)."
- 2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. 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.

NOTES

- 1. 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.
- 2. 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.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

P.A. FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	24
80600-03 (80-08)		CONTRACT NO.		

DESIGNED	R. SHAH	REVISED	R. BORO 01-01-07
DRAWN		REVISED	R. BORO 03-09-11
CHECKED		REVISED	R. BORO 12-06-11
DATE	10-25-14	REVISED	K. SMITH 11-18-22

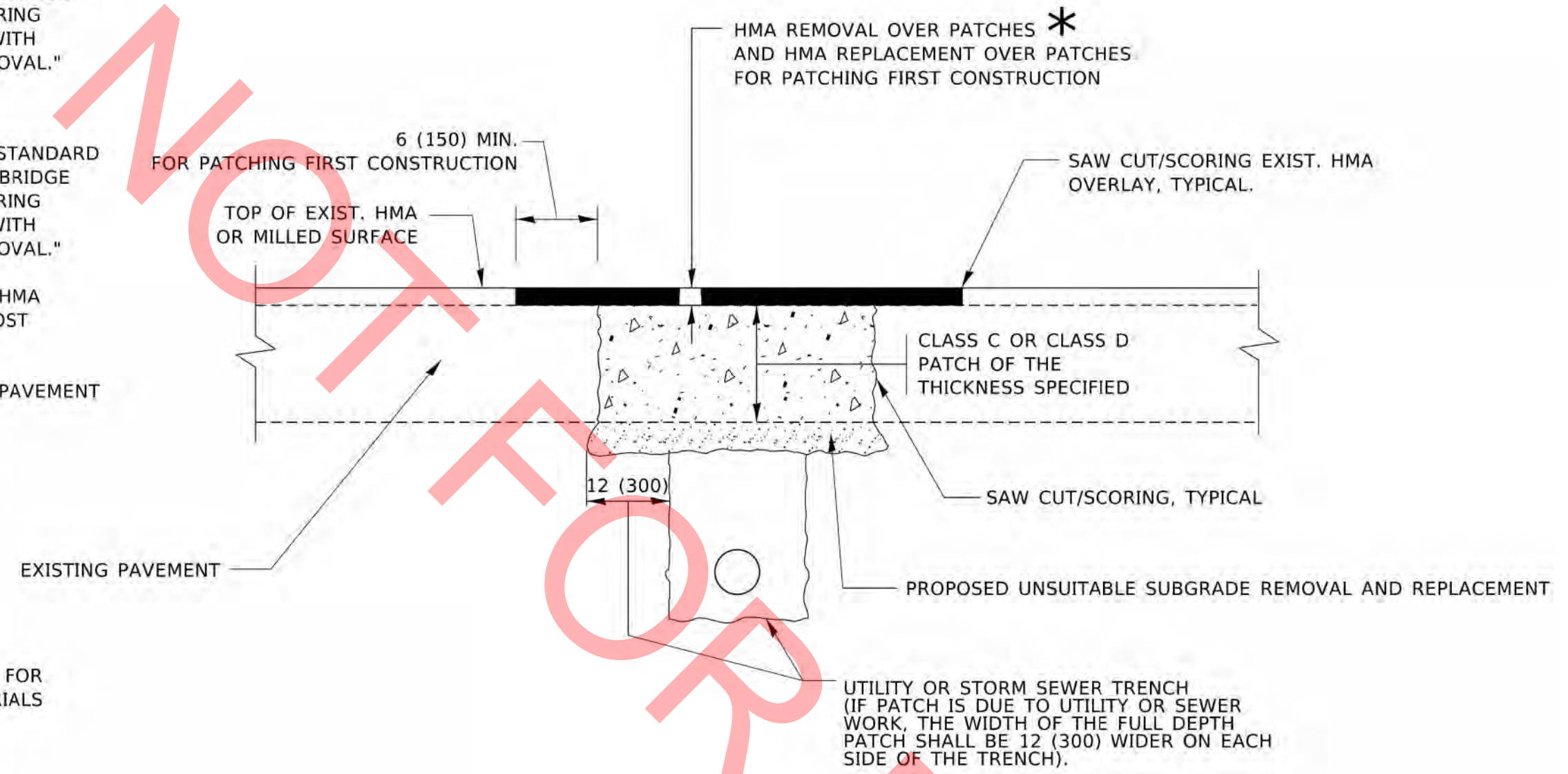
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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 4½ 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.

I:\projects\2025\25-00104\00-RS\Drawings\25-00104-00-RS-25.dwg
 DATE: 11/19/22
 PLOT DATE: 11/19/22

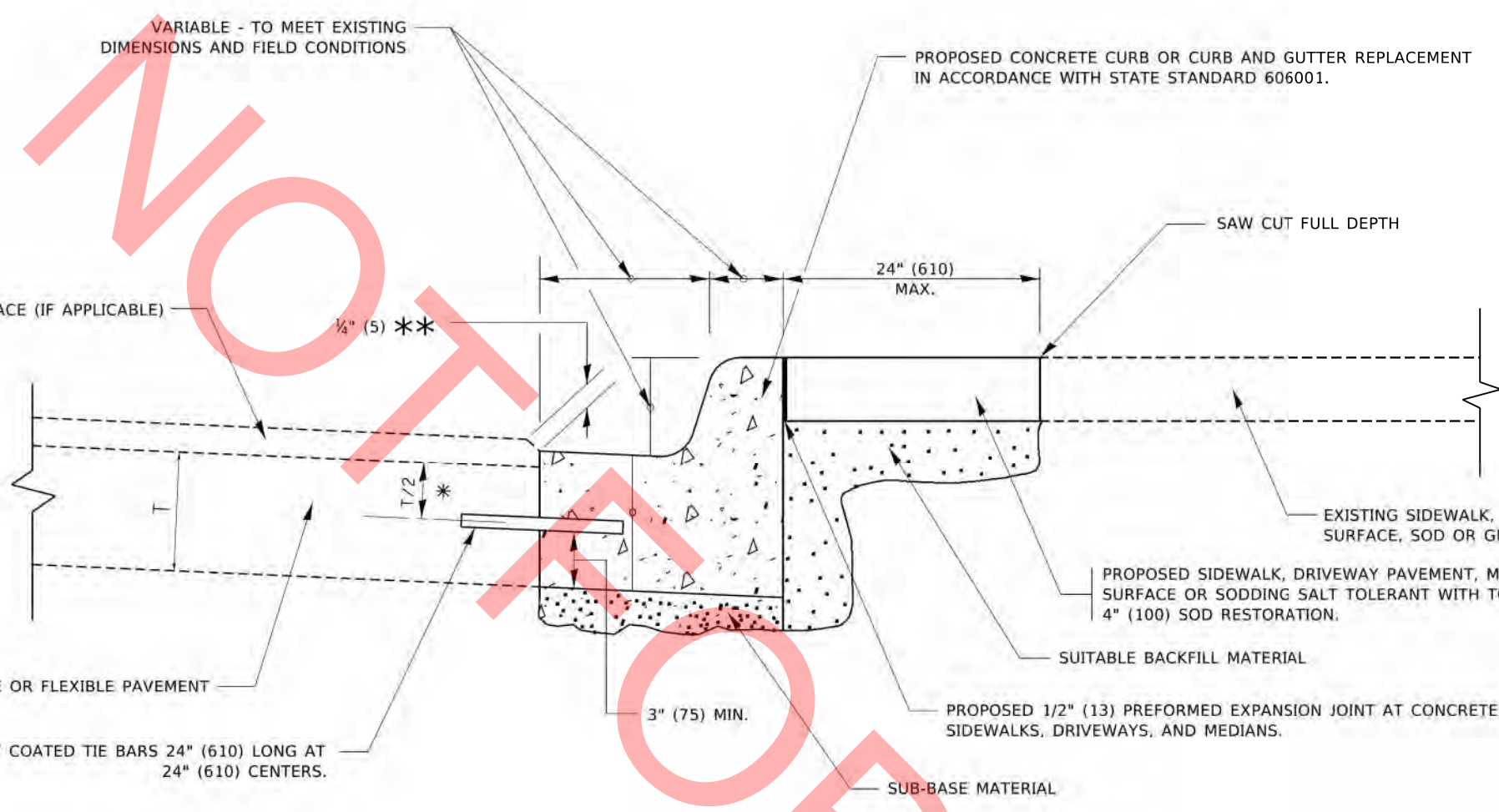
DESIGNED BY: R. SHAH	DESIGNED DATE: 11-25-24	REVISION 1: R. SHAR 01-01-27	REVISION 2: R. SHAR 04-04-27
DRAWN BY: R. SHAR	CHECKED BY: K. SINGH	REVISION 3: K. SINGH 10-27-28	REVISION 4: S. SMITH 11-18-22
DATE: 11-25-24			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

P.A. FILE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25-00104-00-RS <td>DUPAGE <td>61</td> <td>25</td> <td></td> </td>	DUPAGE <td>61</td> <td>25</td> <td></td>	61	25	
80408-01 (80-22)		CONTRACT NO.		



- * 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.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

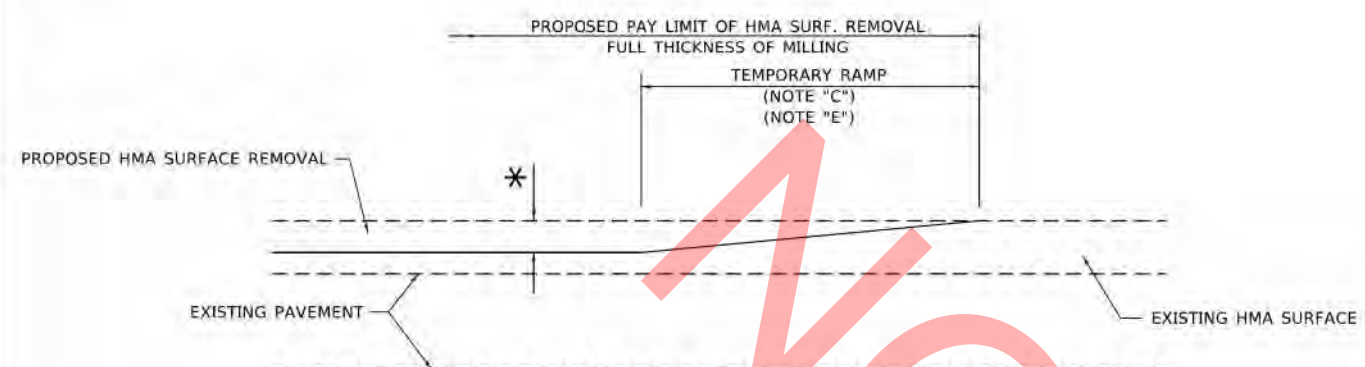
PROJECT: 25-00104-00-RS
 SHEET: 61 OF 26
 DATE: 03-11-24

DESIGNED BY	A. HOUSSE	DESIGNED BY	A. HOUSSE
DRAWN BY	M. GOMEZ	DRAWN BY	M. GOMEZ
CHECKED BY	R. BORD	CHECKED BY	R. BORD
DATE	03-11-24	DATE	03-11-24
REVISIONS		REVISIONS	
REVISED BY	A. ABBAS	REVISED BY	A. ABBAS
REVISED DATE	01-22-21	REVISED DATE	01-22-21
REVISED BY	R. BORD	REVISED BY	R. BORD
REVISED DATE	12-15-09	REVISED DATE	12-15-09
REVISED BY	K. SMITH	REVISED BY	K. SMITH
REVISED DATE	01-11-13	REVISED DATE	01-11-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

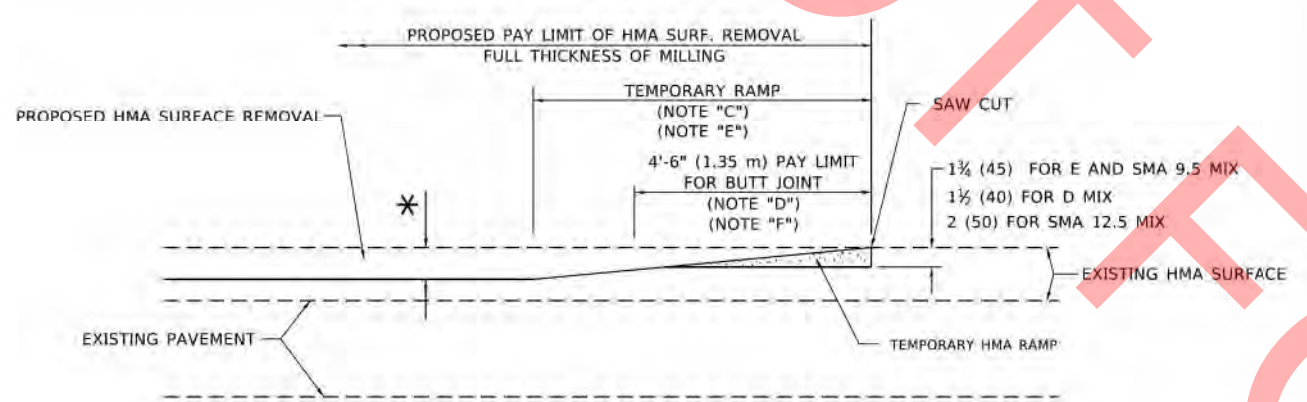
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. IRL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS	DUPAGE	61	26
80600-06 (80-24)		CONTRACT NO.		
(BLANK) (FED. AID PROJECT)				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

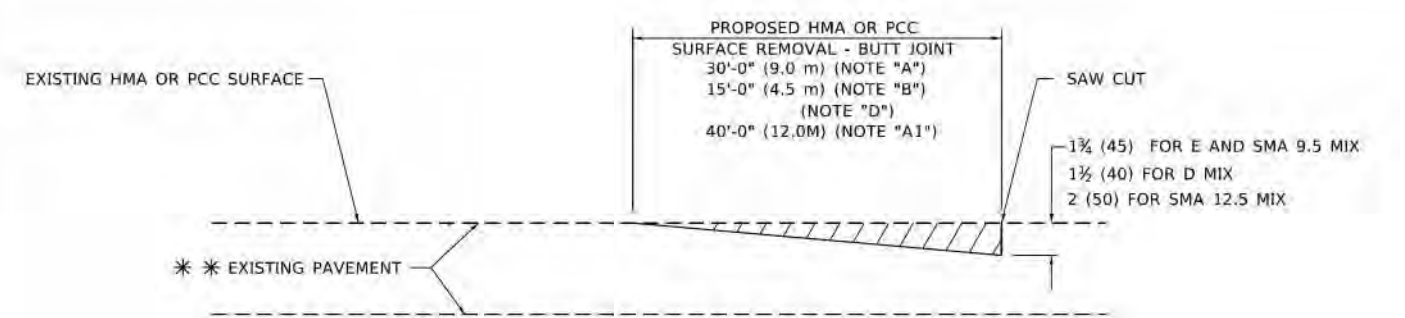
OPTION 1



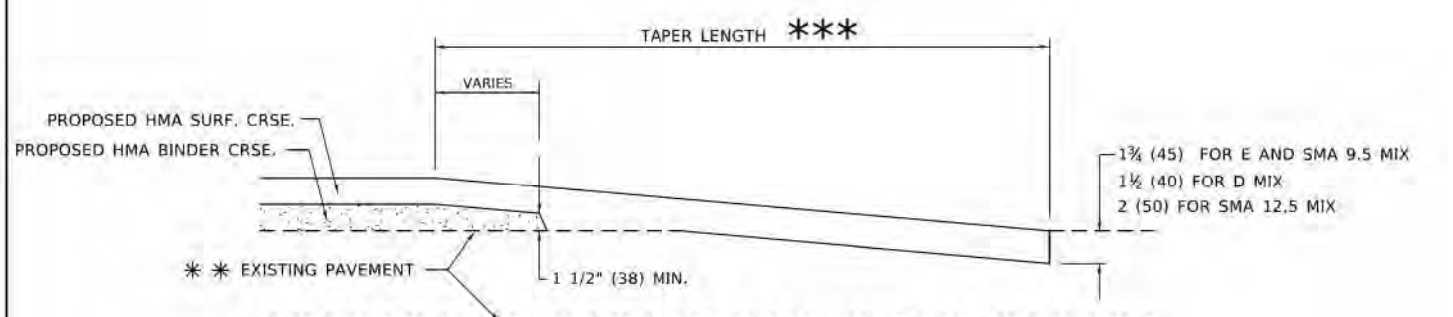
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

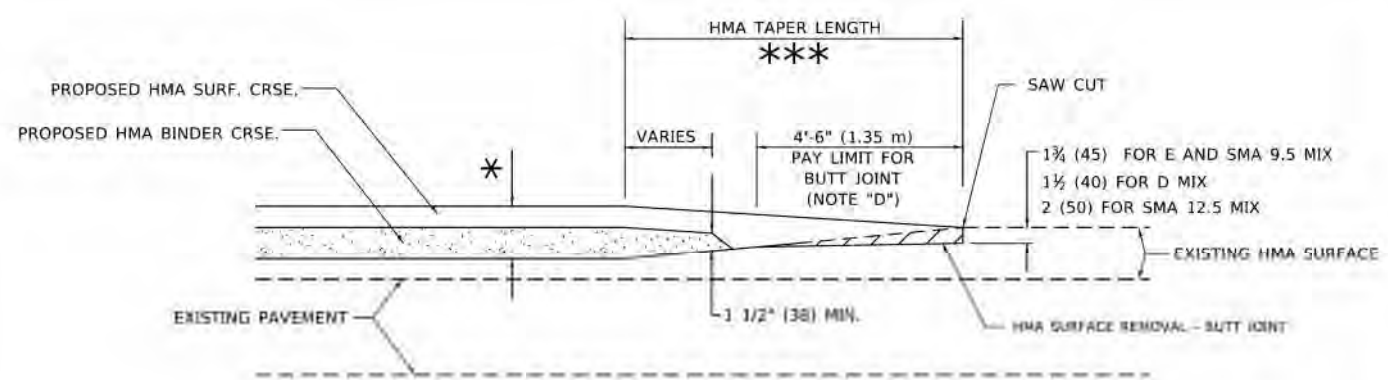
*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL - BUTT JOINT".
- *** 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

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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

I:\Projects\2025\25-00104-00-RS\Drawings\25-00104-00-RS-32.dwg
 USER: jay@state.gov
 DATE: 11/18/2022

USER NAME: jay@state.gov	DESIGNED: M. DE YONG	REVISED: A. AIRAS 02-21-07
PLT SCALE: = 1/8" = 1'-0"	CHECKED: R. GOMEZ 04-06-01	REVISED: M. GOMEZ 04-06-01
PLT DATE: 11/18/2022	DATE: 06-13-00	REVISED: R. SORD 01-01-07
		REVISED: K. SMITH 11-18-22

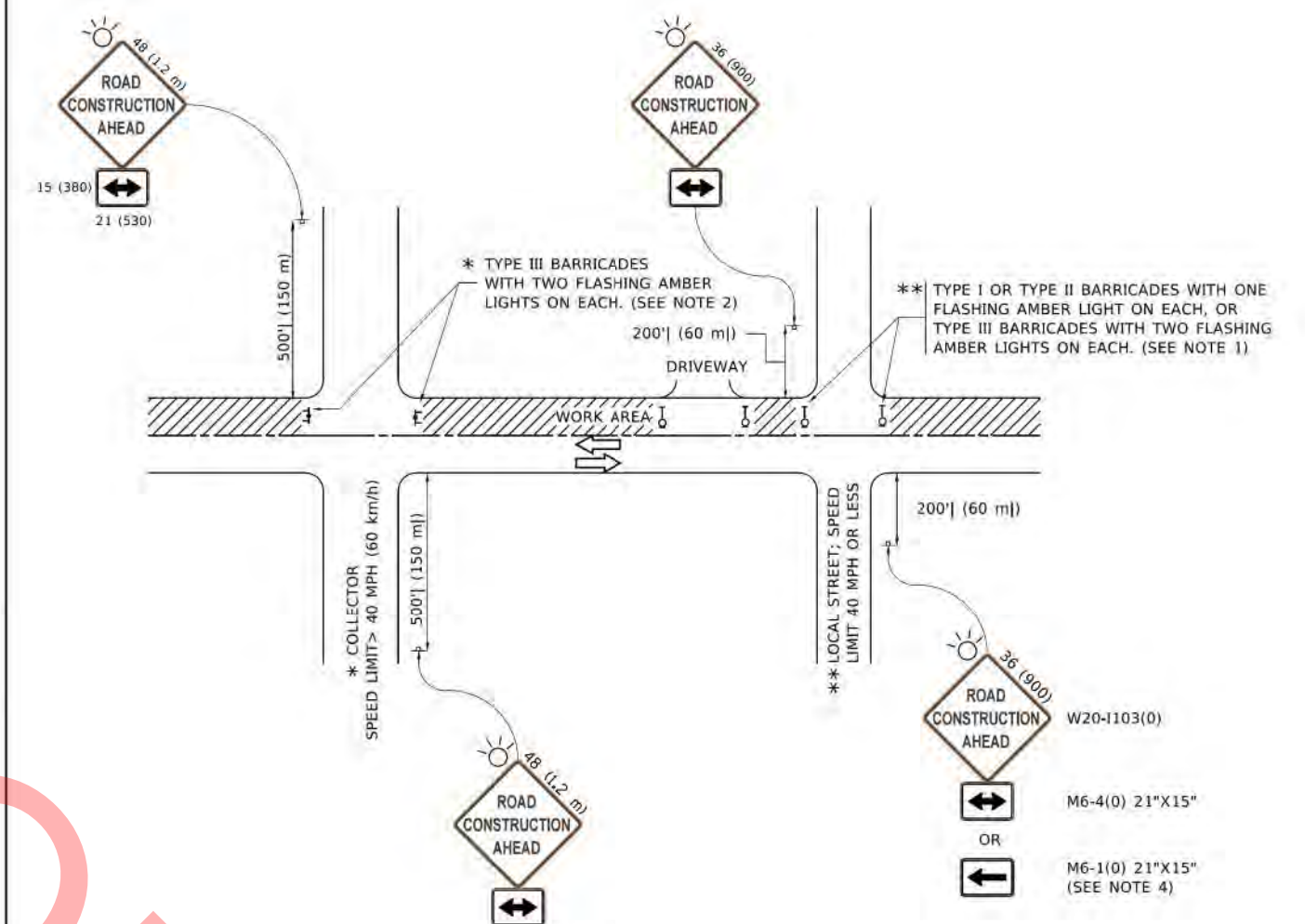
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE		SHEET: 1 OF 1 SHEETS		STA: _____	TD STA: _____
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BUTT JOINT AND HMA TAPER DETAILS

P.A. IITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-RS		61	27
80400-05 BD-32		CONTRACT NO.		
ILLINOIS FED-400 PROJECT				

NOT FOR



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.

PROJECT: 25-00104-00-RS, CONTRACT NO. 25-00104-00-RS, SHEET NO. 61 OF 61, DATE: 05-20-2025, DRAWN BY: T. BANNACHER, CHECKED BY: A. SCHURTZE, DESIGNED BY: L.H.A., REVISIONS: 01-26-01, 03-01-13, 07-15-16

USER NAME: FEET SCALE: 1" = 30'-0" (1:91.44) PLOT DATE: 05-20-2025	DESIGNED: L.H.A. DRAWN: T. BANNACHER CHECKED: A. SCHURTZE DATE: 05-20-2025	REVISED: A. HOUSEH 10-15-16 REVISED: T. BANNACHER 01-26-01 REVISED: A. SCHURTZE 03-01-13 REVISED: A. SCHURTZE 07-15-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	SECTION: 25-00104-00-RS COUNTY: DUPAGE SHEET NO.: 61 SHEET FIG.: 28
--	---	---	---	--	--	--



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".

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

REF NAME → None	DESIGNED →	REVISED → C. JUCIUS 02-15-17
FEET SCALE → 30-0000 1"=1 MI.	DRAWN →	REVISED →
PLAT DATE → 06/2012	CHECKED →	REVISED →
	DATE →	REVISED →

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
F.A. IRL	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	25-00104-00-RS	DUPAGE	61	30	
	TC-25	CONTRACT NO.			
BLANKS FED. AID PROJECT					

PROJECT: 25-00104-00-RS
 SHEET: 30 OF 61
 DATE: 02-15-17
 DRAWN BY: JUCIUS
 CHECKED BY: JUCIUS
 PROJECT LOCATION: 25-00104-00-RS

ABV ABOVE
 A/C ACCESS CONTROL
 AC ACRE
 ADJ ADJUST
 AS AERIAL SURVEYS
 AGG AGGREGATE
 AH AHEAD
 APT APARTMENT
 ASPH ASPHALT
 AUX AUXILIARY
 AGS AUXILIARY GAS VALVE (SERVICE)
 AVE AVENUE
 AX AXIS OF ROTATION
 BK BACK
 B-B BACK TO BACK
 BKPL BACKPLATE
 B BARN
 BARR BARRICADE
 BL BASELINE
 BGN BEGIN
 BM BENCHMARK
 BIND BINDER
 BIT BITUMINOUS
 BTM BOTTOM
 BLVD BOULEVARD
 BRK BRICK
 BBOX BUFFALO BOX
 BLDG BUILDING
 CATV CABLE
 CIP CAST IRON PIPE
 CB CATCH BASIN
 C-C CENTER TO CENTER
 CL CENTERLINE OR CLEARANCE
 CL-E CENTERLINE TO EDGE
 CL-F CENTERLINE TO FACE
 CTS CENTERS
 CERT CERTIFIED
 CHSLD CHISELED
 CS CITY STREET
 CP CLAY PIPE
 CLSD CLOSED
 CLID CLOSED LID
 CT COAT OR COURT
 COMB COMBINATION
 C COMMERCIAL BUILDING
 CE COMMERCIAL ENTRANCE
 CONC CONCRETE
 CONST CONSTRUCT
 CONTD CONTINUED
 CONT CONTINUOUS
 COR CORNER
 CORR CORRUGATED
 CMP CORRUGATED METAL PIPE
 CNTY COUNTY
 CH COUNTY HIGHWAY
 CSE COURSE
 XSECT CROSS SECTION
 m³ CUBIC METER
 mm³ CUBIC MILLIMETER

CU YD CUBIC YARD
 CULV CULVERT
 C&G CURB & GUTTER
 D DEGREE OF CURVE
 DC DEPRESSED CURVE
 DET DETECTOR
 DIA DIAMETER
 DIST DISTRICT
 DOM DOMESTIC
 DBL DOUBLE
 DSEL DOWNSTREAM ELEVATION
 DSFL DOWNSTREAM FLOWLINE
 DR DRAINAGE OR DRIVE
 DI DRAINAGE INLET OR DROP INLET
 DRV DRIVEWAY
 DCT DUCT
 EA EACH
 EB EASTBOUND
 EOP EDGE OF PAVEMENT
 E-CL EDGE TO CENTERLINE
 E-E EDGE TO EDGE
 ELEC ELECTRICAL
 EL ELEVATION
 ENTR ENTRANCE
 EXC EXCAVATION
 EX EXISTING
 EXPWAY EXPRESSWAY
 E EXTERNAL DISTANCE OF HORIZONTAL CURVE
 E OFFSET DISTANCE TO VERTICAL CURVE
 F-F FACE TO FACE
 FA FEDERAL AID
 FAI FEDERAL AID INTERSTATE
 FAP FEDERAL AID PRIMARY
 FAS FEDERAL AID SECONDARY
 FAUS FEDERAL AID URBAN SECONDARY
 FP FENCE POST
 OPT FIBER OPTIC
 FE FIELD ENTRANCE
 FH FIRE HYDRANT
 FL FLOW LINE
 FB FOOT BRIDGE
 FDN FOUNDATION
 FR FRAME
 F&G FRAME & GRATE
 FRWAY FREEWAY
 GAL GALLON
 GALV GALVANIZED
 G GARAGE
 GM GAS METER
 GV GAS VALVE
 GIS GEOGRAPHICAL INFORMATION SYSTEM
 GRAN GRANULAR
 GR GRATE
 GRVL GRAVEL
 GND GROUND
 GUT GUTTER
 GP GUY POLE
 GW GUY WIRE
 HH HANDHOLE

HATCH HATCHING
 HD HEAD
 HDW HEADWALL
 HDUTY HEAVY DUTY
 ha HECTARE
 HMA HOT MIX ASPHALT
 HWY HIGHWAY
 HORIZ HORIZONTAL
 HSE HOUSE
 IL ILLINOIS
 IMP IMPROVEMENT
 IN DIA INCH DIAMETER
 INL INLET
 INST INSTALLATION
 IDS INTERSECTION DESIGN STUDY
 INV INVERT
 IP IRON PIPE
 IR IRON ROD
 JT JOINT
 kg KILOGRAM
 km KILOMETER
 LS LANDSCAPING
 LN LANE
 LT LEFT
 LIDAR LIGHT DETECTION AND RANGING
 LP LIGHT POLE
 LGT LIGHTING
 LF LINEAL FEET OR LINEAR FEET
 L LITER OR CURVE LENGTH
 LC LONG CHORD
 LNG LONGITUDINAL
 L SUM LUMP SUM
 MACH MACHINE
 MB MAIL BOX
 MH MANHOLE
 MATL MATERIAL
 MED MEDIUM
 m METER
 METH METHOD
 M MID-ORDINATE
 mm MILLIMETER
 mm DIA MILLIMETER DIAMETER
 MIX MIXTURE
 MBH MOBILE HOME
 MOD MODIFIED
 MFT MOTOR FUEL TAX
 N & BC NAIL & BOTTLE CAP
 N & C NAIL & CAP
 N & W NAIL & WASHER
 NC NORMAL CROWN
 NB NORTHBOUND
 NE NORTHEAST
 NW NORTHWEST
 O/S OFFSET
 O&C OIL AND CHIP
 OLID OPEN LID
 PAT PATTERN
 PVD PAVED
 PVMT PAVEMENT

PM PAVEMENT MARKING
 PED PEDESTAL
 PNT POINT
 PC POINT OF CURVATURE
 PI POINT OF INTERSECTION OF HORIZONTAL CURVE
 PRC POINT OF REVERSE CURVE
 PT POINT OF TANGENCY
 POT POINT ON TANGENT
 POLYETH POLYETHYLENE
 PCC PORTLAND CEMENT CONCRETE
 PP POWER POLE OR PRINCIPAL POINT
 PRM PRIME
 PE PRIVATE ENTRANCE
 PROF PROFILE
 PGL PROFILE GRADELINE
 PROJ PROJECT
 P.C. PROPERTY CORNER
 PL PROPERTY LINE
 PR PROPOSED
 R RADIUS or RESIDENTIAL
 RR RAILROAD
 RRS RAILROAD SPIKE
 RPS REFERENCE POINT STAKE
 REF REFLECTIVE
 RCCP REINFORCED CONCRETE CULVERT PIPE
 REINF REINFORCEMENT
 REM REMOVAL
 RC REMOVE CROWN
 REP REPLACEMENT
 REST RESTAURANT
 RESURF RESURFACING
 RET RETAINING
 RT RIGHT
 ROW RIGHT-OF-WAY
 RD ROAD
 RDWY ROADWAY
 RTE ROUTE
 SAN SANITARY
 SANS SANITARY SEWER
 SEC SECTION
 SEED SEEDING
 SHAP SHAPING
 S SHED
 SH SHEET
 SHLD SHOULDER
 SW SIDEWALK OR SOUTHWEST
 SIG SIGNAL
 SOD SODDING
 SM SOLID MEDIUM
 SB SOUTHBOUND
 SE SOUTHEAST
 SPL SPECIAL
 SD SPECIAL DITCH
 SQ FT SQUARE FEET
 m² SQUARE METER
 mm² SQUARE MILLIMETER
 SQ YD SQUARE YARD
 STB STABILIZED

STD STANDARD
 SBI STATE BOND ISSUE
 SR STATE ROUTE
 STA STATION
 SPBGR STEEL PLATE BEAM GUARDRAIL
 SS STORM SEWER
 STY STORY
 ST STREET
 STR STRUCTURE
 e SUPERELEVATION RATE
 S.E. RUN. SUPERELEVATION RUNOFF LENGTH
 SURF SURFACE
 SMK SURVEY MARKER
 T TANGENT DISTANCE
 T.R. TANGENT RUNOUT DISTANCE
 TEL TELEPHONE
 TB TELEPHONE BOX
 TP TELEPHONE POLE
 TEMP TEMPORARY
 TBM TEMPORARY BENCH MARK
 TD TILE DRAIN
 TBE TO BE EXTENDED
 TBR TO BE REMOVED
 TBS TO BE SAVED
 TWP TOWNSHIP
 TR TOWNSHIP ROAD
 TS TRAFFIC SIGNAL
 TSCB TRAFFIC SIGNAL CONTROL BOX
 TSC TRAFFIC SYSTEMS CENTER
 TRVS TRANSVERSE
 TRVL TRAVEL
 TRN TURN
 TY TYPE
 T-A TYPE A
 TYP TYPICAL
 UNDGNDR UNDERGROUND
 USGS U.S. GEOLOGICAL SURVEY
 USEL UPSTREAM ELEVATION
 USFL UPSTREAM FLOWLINE
 UTIL UTILITY
 VBOX VALVE BOX
 VV VALVE VAULT
 VLT VAULT
 VEH VEHICLE
 VP VENT PIPE
 VERT VERTICAL
 VC VERTICAL CURVE
 VPC VERTICAL POINT OF CURVATURE
 VPI VERTICAL POINT OF INTERSECTION
 VPT VERTICAL POINT OF TANGENCY
 WM WATER METER
 WV WATER VALVE
 WMAIN WATER MAIN
 WB WESTBOUND
 WILDFL WILDFLOWERS
 W WITH
 WO WITHOUT

Illinois Department of Transportation

RECEIVED January 1, 2021
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-21	Updated fonts, abbreviations, and symbols.
1-1-19	Added new symbols.

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 1 of 9)

STANDARD 000001-08

MODEL: Default
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USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

VILLAGE OF VILLA PARK
 ENGINEERING DIVISION

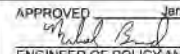
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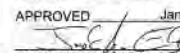
SHEET 1 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	31
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

ADJUSTMENT ITEMS		EX	PR	ALIGNMENT ITEMS		EX	PR	DRAINAGE ITEMS		EX	PR
Structure To Be Adjusted			ADJ	Baseline	---	---		Channel or Stream Line	----	----	
Structure To Be Cleaned			C	Centerline	---	---		Culvert Line	----	----	
Main Structure To Be Filled			FM	Centerline Break Circle	o	o		Grading & Shaping Ditches	----	----	
Structure To Be Filled			F	Baseline Symbol	⊥	⊥		Drainage Boundary Line	----	----	
Structure To Be Filled Special			FSP	Centerline Symbol	⊥	⊥		Paved Ditch	----	----	
Structure To Be Removed			R	PI Indicator	Δ	Δ		Aggregate Ditch	----	----	
Structure To Be Reconstructed			REC	Point Indicator	o	o		Pipe Underdrain	----	----	
Structure To Be Reconstructed Special			RSP	Point Indicator	o	o		Storm Sewer	----	----	
Frame and Grate To Be Adjusted			A	Horizontal Curve Data (Half Size)	EX - CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	PR - CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=		Flowline	⊥	⊥	
Frame and Lid To Be Adjusted			A	BOUNDARIES ITEMS		EX	PR	Ditch Check	⊥	⊥	
Domestic Service Box To Be Adjusted			A	Dashed Property Line	----	----		Headwall	---	---	
Valve Vault To Be Adjusted			A	Solid Property/Lot Line	---	---		Inlet	⊥	⊥	
Special Adjustment			SP	Section/Grant Line	----	----		Manhole	o	o	
Item To Be Abandoned			AB	Quarter Section Line	----	----		Summit	↔	↔	
Item To Be Moved			M	Quarter/Quarter Section Line	----	----		Roadway Ditch Flow	↔	↔	
Item To Be Relocated			REL	County/Township Line	----	----		Swale	⊥	⊥	
Pavement Removal and Replacement				State Line	----	----		Catch Basin	o	o	
				Chiseled Square Found	□	□		Culvert End Section	Δ	Δ	
				Iron Pipe Found	o	o		Water Surface Indicator	⊥	⊥	
				Iron Pipe Set	●	●		Riprap	▒	▒	
				Survey Marker	⊙	⊙		HYDRAULICS ITEMS		EX	PR
				Property Line Symbol	⊥	⊥		Overflow	↩	↩	
				Same Ownership Symbol (Half Size)	↗	↗		Sheet Flow	→	→	
				Northwest Quarter Corner (Half Size)	⊙	⊙		Hydrant Outlet	→	→	
				Section Corner (Half Size)	⊙	⊙					
				Southeast Quarter Corner (Half Size)	⊙	⊙					

Illinois Department of Transportation

APPROVED January 1, 2021

 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021

 ENGINEER OF DESIGN AND ENVIRONMENT

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
 (Sheet 2 of 9)

STANDARD 000001-08

MODEL: Default
 FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 2 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	32
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

EROSION & SEDIMENT CONTROL ITEMS

EX

PR

Cleaning & Grading Limits	
Dike	
Erosion Control Fence	
Perimeter Erosion Barrier	
Temporary Fence	
Ditch Check Temporary	
Ditch Check Permanent	
Inlet & Pipe Protection	
Sediment Basin	
Erosion Control Blanket	
Fabric Formed Concrete Revelement Mat	
Turf Reinforcement Mat	
Mulch Temporary	
Mulch Method 1	
Mulch Method 2 Stabilized	
Mulch Method 3 Hydraulic	

CONTOUR ITEMS

EX

PR

Approx. Index Line	
Approx. Intermediate Line	
Index Contour	
Intermediate Contour	

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NON-HIGHWAY IMPROVEMENT ITEMS

EX

PR

Noise Attn./Levee	
Field Line	
Fence	
Base of Levee	
Mailbox	
Multiple Mailboxes	
Pay Telephone	
Advertising Sign	
*ITS Camera	
Wind Turbine	
Cellular Tower	
*Intelligent Transportation Systems	

LANDSCAPING ITEMS

EX

PR

Contour Mounding Line	
Fence	
Fence Post	
Shrubs	
Mowline	
Perennial Plants	
Seeding Class 2	
Seeding Class 2A	
Seeding Class 4	
Seeding Class 4 & 5 Combined	

EXISTING LANDSCAPING ITEMS (contd.)

EX

PR

Seeding Class 5	
Seeding Class 7	
Seedlings Type 1	
Seedlings Type 2	
Sodding	
Mowstake w/Sign	
Tree Trunk Protection	

Evergreen Tree		
Shade Tree		

LIGHTING

EX

PR

Duct		
Conduit		
Electrical Aerial Cable		
Electrical Buried Cable		
Controller		
Underpass Luminaire		
Power Pole		

STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS

(Sheet 3 of 9)

STANDARD 000001-08

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**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 3 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	33
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

**LIGHTING
(contd.)**

Pull Point

EX



PR



Handhole



Heavy Duty Handhole



Junction Box



Light Unit Comb.



Electrical Ground



Traffic Flow Arrow



High Mast Pole
(Half Size)



Light Unit-1



PAVEMENT (MISC.)

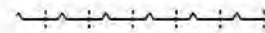
Keyed Long. Joint

EX

PR



Keyed Long. Joint w/Tie Bars



Sawed Long. Joint w/Tie Bars



Bituminous Shoulder



Bituminous Taper



Stabilized Driveway



Widening



PAVEMENT MARKINGS

Handicap Symbol

EX



PR



RR Crossing



Raised Marker Amber 1 Way

Raised Marker Amber 2 Way

Raised Marker Crystal 1 Way

Two Way Turn Left

Shoulder Diag. Pattern

Skip-Dash White

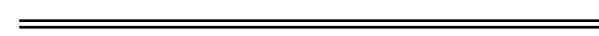
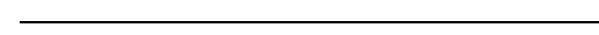
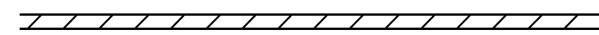
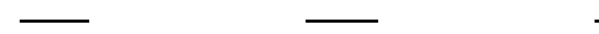
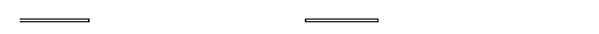
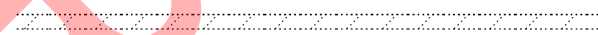
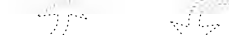
Skip-Dash Yellow

Stop Line

Solid Line

Double Centerline

Dotted Lines



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**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**
(Sheet 4 of 9)

STANDARD 000001-08

MODEL: Default
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PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 4 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	34
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS
(contd.)

CL 2Ln 2Way
RRPM 12.2 m (40') o.c.

CL 2Ln 2Way
RRPM 80' (24.4 m) o.c.

CL Multilane Div.
RRPM 40' (12.2 m) o.c.

CL Multilane Div.
RRPM 80' (24.4 m) o.c.

CL Multilane Div. Dbl.
RRPM 80' (24.4 m) o.c.

CL Multilane Undiv.

Two Way Turn Left Line

Urban Combination Left

Urban Combination Right

Urban Left Turn Arrow

Urban Right Turn Arrow

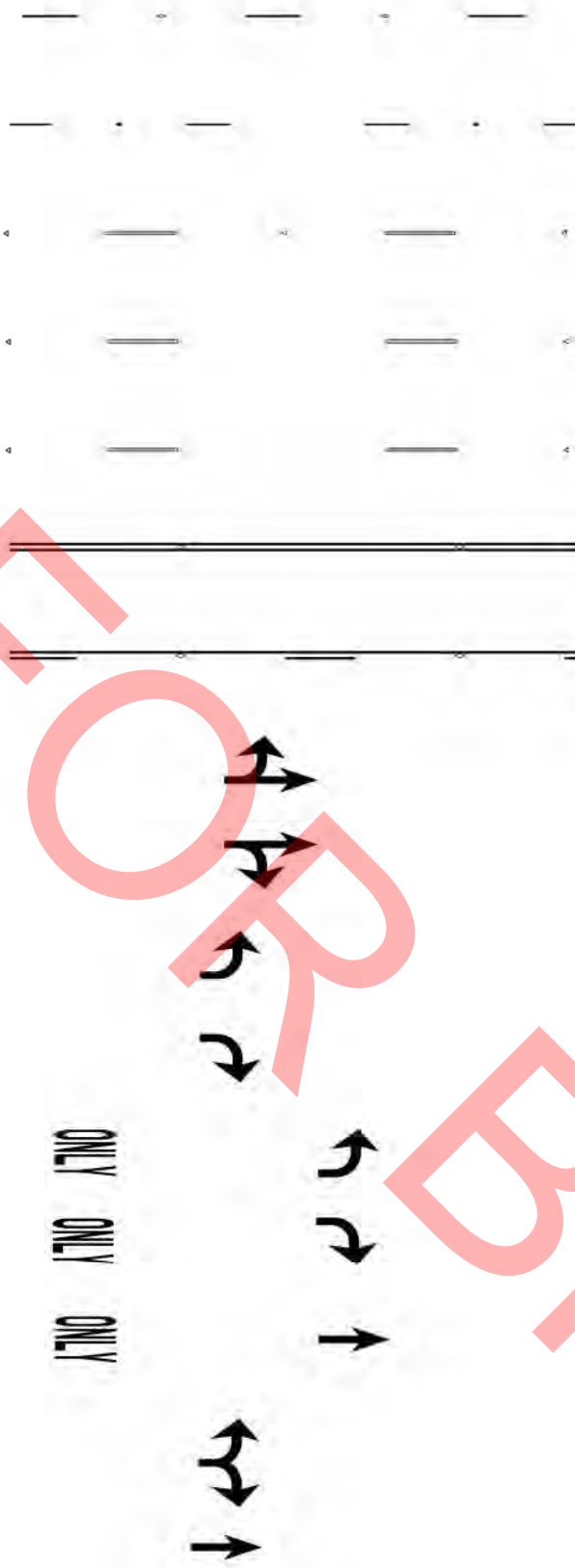
Urban Left Turn Only

Urban Right Turn Only

Urban Thru Only

EX

PR



RAILROAD ITEMS

EX

PR

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck



REMOVAL ITEMS

EX

PR

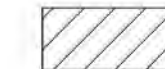
Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



RIGHT OF WAY ITEMS

EX

PR

Future ROW Corner Monument



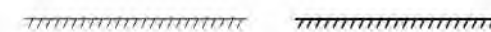
ROW Marker



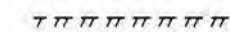
ROW Line



Easement



Temporary Easement



**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**
(Sheet 5 of 9)

STANDARD 000001-08

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Urban LT & RT Turn Arrow

Urban Thru Arrow

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TRANSYSTEMS

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PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 5 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	35
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKINGS
(contd.)

Urban U-Turn

Urban Combined U-Turn

Rural Combination Left

Rural Combination Right

Rural Left Turn Arrow

Rural Right Turn Arrow

Rural Left Turn Only

Rural Right Turn Only

Rural Thru Only

Rural Thru Arrow

Rural Lt & Rt Turn Arrow

Bike Lane Symbol

Bike Lane Text

Bike Path Shared

Bike Shared Roadway

Lane Drop Symbol

EX

PR



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Wrong Way Arrow

**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 6 of 9)

STANDARD 000001-08

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE	8/12/2025	DATE	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 6 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	36
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

RIGHT OF WAY ITEMS (contd.)		EX	PR	ROADWAY PROFILES		EX	PR	SIGNING ITEMS (contd.)		EX	PR	
Access Control Line				P.I. Indicator				Reverse Left W1-4L (Half Size)				
Access Control Line & ROW				Point Indicator				Reverse Right W1-4R (Half Size)				
Access Control Line & ROW with Fence				Earthworks Balance Point				Two Way Traffic Sign W6-3 (Half Size)				
Excess ROW Line				Begin Point				Detour Ahead W20-2(O) (Half Size)				
ROADWAY PLAN ITEMS				Vert. Curve Data	VPI = ELEV = L = E =		VPI = ELEV = L = E =	Left Lane Closed Ahead W20-5L(O) (Half Size)				
Cable Barrier				Ditch Profile Left Side				Right Lane Closed Ahead W20-5R(O) (Half Size)				
Concrete Barrier				Ditch Profile Right Side				Road Closed Ahead W20-3(O) (Half Size)				
Edge of Pavement				Roadway Profile Line				Road Construction Ahead W20-1-(O) (Half Size)				
Bit Shoulders, Medians and C&G Line				Storm Sewer Profile Left Side				Single Lane Ahead (Half Size)				
Aggregate Shoulder				Storm Sewer Profile Right Side				Transition Left W4-2L (Half Size)				
Sidewalks, Driveways				SIGNING ITEMS					Transition Right W4-2R (Half Size)			
Guardrail				Cone, Drum or Barricade				STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS (Sheet 7 of 9) STANDARD 000001-08				
Guardrail Post				Barricade Type II								
Traffic Sign				Barricade Type III								
Corrugated Median				Barricade With Edge Line								
Impact Attenuator				Flashing Light Sign								
North Arrow with District Office (Half Size)				Panels I								
Match Line			STA. 45+00	Panels II								
Slope Limit Line				Direction of Traffic								
Typical Cross-Section Line				Sign Flag (Half Size)								

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**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 7 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	37
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

**SIGNING ITEMS
(contd.)**

- One Way Arrow Lrg. W1-6-(O)
(Half Size)
- Two Way Arrow Large W1-7-(O)
(Half Size)
- Detour M4-10L-(O)
(Half Size)
- Detour M4-10R-(O)
(Half Size)
- One Way Left R6-1L
(Half Size)
- One Way Right R6-1R
(Half Size)
- Left Turn Lane R3-100L
(Half Size)
- Keep Left R4-7AL
(Half Size)
- Keep Left R4-7BL
(Half Size)
- Keep Right R4-7AR
(Half Size)
- Keep Right R4-7BR
(Half Size)
- Stop Here On Red R10-6-AL
(Half Size)
- Stop Here On Red R10-6-AR
(Half Size)
- No Left Turn R3-2
(Half Size)
- No Right Turn R3-1
(Half Size)
- Road Closed R11-2
(Half Size)
- Road Closed Thru Traffic R11-2
(Half Size)

EX

PR



STRUCTURES ITEMS

EX

PR

- Box Culvert Barrel
- Box Culvert Headwall
- Bridge Pier
- Bridge
- Retaining Wall
- Temporary Sheet Piling

**TRAFFIC SHEET
ITEMS**

EX

PR

- Cable Number
- Left Turn Green
- Left Turn Yellow
- Signal Backplate
- Signal Section 8" (200 mm)
- Signal Section 12" (300 mm)
- Walk/Don't Walk Letters
- Walk/Don't Walk Symbols

**TRAFFIC SIGNAL
ITEMS**

EX

PR

- Galv. Steel Conduit
- Underground Cable
- Detector Loop Line
- Detector Loop Large
- Detector Loop Small
- Detector Loop Quadrapole

**STANDARD SYMBOLS,
ABBREVIATIONS,
AND PATTERNS**

(Sheet 8 of 9)

STANDARD 000001-08

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**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 8 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	38
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL ITEMS (contd.)		EX	PR	UNDERGROUND UTILITY ITEMS			EX	PR	ABANDONED	UTILITY ITEMS (contd.)		EX	PR
Detector Raceway				Cable TV					Traffic Signal				
Aluminum Mast Arm				Electric Cable					Traffic Signal Control Box				
Steel Mast Arm				Fiber Optic					Water Meter				
Veh. Detector Magnetic				Gas Pipe					Water Meter Valve Box				
Conduit Splice				Oil Pipe					Profile Line				
Controller				Sanitary Sewer					Aerial Power Line				
Gulfbox Junction				Telephone Cable					VEGETATION ITEMS				
Wood Pole				Water Pipe					Deciduous Tree				
Temp. Signal Head				UTILITIES ITEMS			EX	PR	Bush or Shrub				
Handhole				Controller				Evergreen Tree					
Double Handhole				Double Handhole				Stump					
Heavy Duty Handhole				Fire Hydrant				Orchard/Nursery Line					
Junction Box				GuyWire or Deadman Anchor				Vegetation Line					
Ped. Pushbutton Detector				Handhole				Woods & Bush Line					
Ped. Signal Head				Heavy Duty Handhole				WATER FEATURE ITEMS					
Power Pole Service				Junction Box				Stream or Drainage Ditch					
Priority Veh. Detector				Light Pole				Waters Edge					
Signal Head				Manhole				Water Surface Indicator					
Signal Head w/Backplate				Monitoring Well (Gasoline)				Water Point					
Signal Post				Pipeline Warning Sign				Disappearing Ditch					
Closed Circuit TV				Power Pole				Marsh					
Video Detector System				Power Pole with Light				Marsh/Swamp Boundary					
				Sanitary Sewer Cleanout									
				Splice Box Above Ground									
				Telephone Splice Box Above Ground									
				Telephone Pole									

Illinois Department of Transportation

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STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
 (Sheet 9 of 9)

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**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 9 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	39
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DECIMAL OF AN INCH AND OF A FOOT															
A		B	A		B	A		B	A		B	A		B	
0.0052	1/16	11/64	0.171875	2 1/16	0.3385	4 1/16	0.5052	6 1/16	43/64	0.671875	8 1/16	0.8385	10 1/16		
0.0104	1/8	1/32	0.1771	2 1/8	11/32	0.34375	4 1/8	0.5104	6 1/8	1/2	0.6771	8 1/8	27/32	0.84375	10 1/8
0.015625	3/16	3/64	0.1823	2 3/16	0.3490	4 3/16	33/64	0.515625	6 3/16	11/16	0.6823	8 3/16	10 3/16	0.8490	10 3/16
0.0208	1/4	1/16	0.1875	2 1/4	0.3542	4 1/4	0.5208	6 1/4	0.6875	8 1/4	0.8542	10 1/4			
0.0260	5/16	1/8	0.1927	2 5/16	23/64	0.359375	4 5/16	0.5260	6 5/16	0.6927	8 5/16	55/64	0.859375	10 5/16	
0.03125	3/8	1/32	0.1979	2 3/8	0.3646	4 3/8	17/32	0.53125	6 3/8	0.6979	8 3/8	0.8646	10 3/8		
0.0365	7/16	13/64	0.203125	2 7/16	0.3698	4 7/16	0.5365	6 7/16	45/64	0.703125	8 7/16	0.8698	10 7/16		
0.0417	1/2	1/16	0.2083	2 1/2	3/8	0.3750	4 1/2	0.5417	6 1/2	0.7083	8 1/2	7/8	0.8750	10 1/2	
0.046875	9/16	7/32	0.2135	2 9/16	0.3802	4 9/16	35/64	0.546875	6 9/16	0.7135	8 9/16	0.8802	10 9/16		
0.0521	5/8	1/16	0.21875	2 5/8	0.3854	4 5/8	0.5521	6 5/8	23/32	0.71875	8 5/8	0.8854	10 5/8		
0.0573	11/16	1/32	0.2240	2 11/16	25/64	0.390625	4 11/16	0.5573	6 11/16	0.7240	8 11/16	57/64	0.890625	10 11/16	
0.0625	3/4	1/16	0.2292	2 3/4	0.3958	4 3/4	9/16	0.5625	6 3/4	0.7292	8 3/4	0.8958	10 3/4		
0.0677	13/16	15/64	0.234375	2 13/16	0.4010	4 13/16	0.5677	6 13/16	47/64	0.734375	8 13/16	0.9010	10 13/16		
0.0729	7/8	1/8	0.2396	2 7/8	13/32	0.40625	4 7/8	0.5729	6 7/8	0.7396	8 7/8	29/32	0.90625	10 7/8	
0.078125	15/16	1/16	0.2448	2 15/16	0.4115	4 15/16	37/64	0.578125	6 15/16	0.7448	8 15/16	0.9115	10 15/16		
0.0833	1	1/4	0.2500	3	0.4167	5	0.5833	7	3/4	0.7500	9	0.9167	11		
0.0885	1 1/16	17/64	0.2552	3 1/16	27/64	0.421875	5 1/16	0.5885	7 1/16	0.7552	9 1/16	59/64	0.921875	11 1/16	
0.09375	1 1/8	1/32	0.2604	3 1/8	0.4271	5 1/8	19/32	0.59375	7 1/8	0.7604	9 1/8	0.9271	11 1/8		
0.0990	1 1/4	1/16	0.265625	3 1/4	0.4323	5 1/4	0.5990	7 3/8	49/64	0.765625	9 3/8	0.9323	11 3/8		
0.1042	1 1/2	1/8	0.2708	3 1/2	7/16	0.4375	5 1/2	0.6042	7 1/2	0.7708	9 1/2	15/16	0.9375	11 1/2	
0.109375	1 5/16	9/32	0.2760	3 5/16	0.4427	5 5/16	39/64	0.609375	7 5/16	0.7760	9 5/16	0.9427	11 5/16		
0.1146	1 3/8	1/16	0.28125	3 3/8	0.4479	5 3/8	25/32	0.6146	7 3/8	0.78125	9 3/8	0.9479	11 3/8		
0.1198	1 7/16	1/32	0.2865	3 7/16	29/64	0.453125	5 7/16	0.6198	7 7/16	0.7865	9 7/16	61/64	0.953125	11 7/16	
0.1250	1 1/2	1/8	0.2917	3 1/2	0.4583	5 1/2	5/8	0.6250	7 1/2	0.7917	9 1/2	0.9583	11 1/2		
0.1302	1 9/16	18/64	0.296875	3 9/16	0.4635	5 9/16	0.6302	7 9/16	51/64	0.796875	9 9/16	0.9635	11 9/16		
0.1354	1 5/8	1/16	0.3021	3 5/8	0.46875	5 5/8	15/32	0.6354	7 5/8	0.8021	9 5/8	31/32	0.96875	11 5/8	
0.140625	1 11/16	1/32	0.3073	3 11/16	0.4740	5 11/16	41/64	0.640625	7 11/16	0.8073	9 11/16	0.9740	11 11/16		
0.1458	1 3/4	1/8	0.3125	3 3/4	0.4792	5 3/4	0.6458	7 3/4	13/16	0.8125	9 3/4	0.9792	11 3/4		
0.1510	1 13/16	19/64	0.3177	3 13/16	31/64	0.484375	5 13/16	0.6510	7 13/16	0.8177	9 13/16	63/64	0.984375	11 13/16	
0.15625	1 7/8	1/16	0.3229	3 7/8	0.4896	5 7/8	21/32	0.65625	7 7/8	0.8229	9 7/8	0.9896	11 7/8		
0.1615	1 15/16	1/32	0.328125	3 15/16	0.4948	5 15/16	53/64	0.6615	7 15/16	0.828125	9 15/16	0.9948	11 15/16		
0.1667	2	1/4	0.3333	4	1/2	0.5000	6	0.6667	8	0.8333	10	1	1.0000	12	

A = Fractions of Inch or Foot

B = Inch Equivalents to Foot Fractions

APPROVED <u>January 1, 1997</u> ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED <u>January 1, 1997</u> ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-97	New Standard.

DECIMAL OF AN INCH AND OF A FOOT

STANDARD 001006

MODEL: Default
FILE NAME: 027-SHT-IDOT_Hwy_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

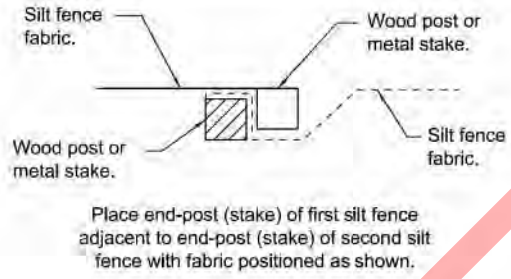
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		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

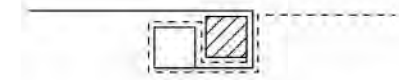
IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 10 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



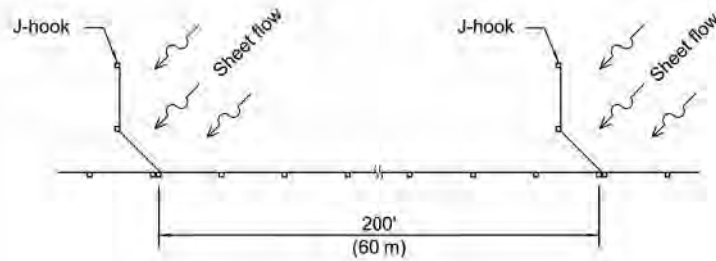
STEP 1



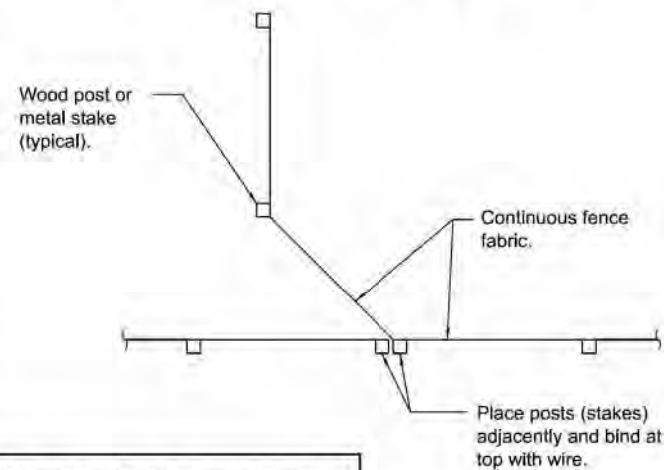
Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.

STEP 2

ATTACHING TWO SILT FILTER FENCES
(Not applicable for J-hooks)



SILT FILTER J-HOOK PLACEMENT



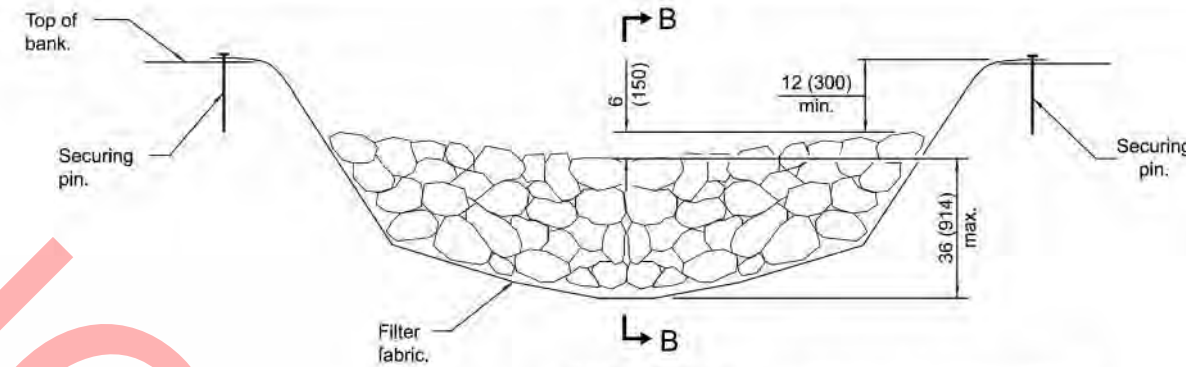
J-HOOK

Illinois Department of Transportation

APPROVED January 1, 2013
Michael Beard
ENGINEER OF POLICY AND PROCEDURES

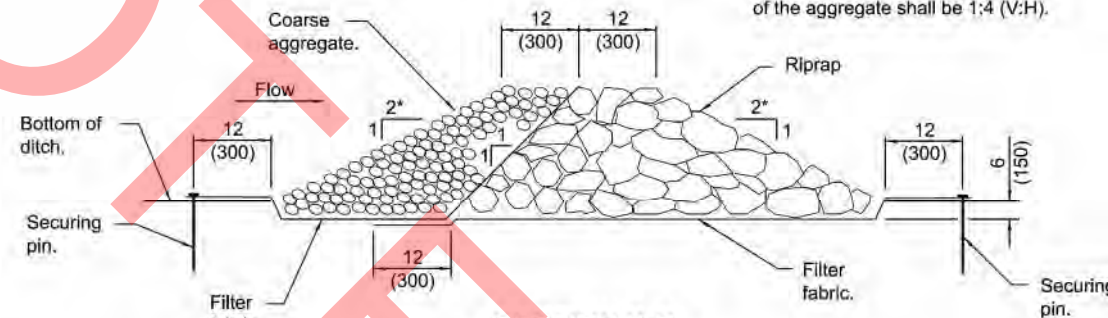
APPROVED January 1, 2013
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97



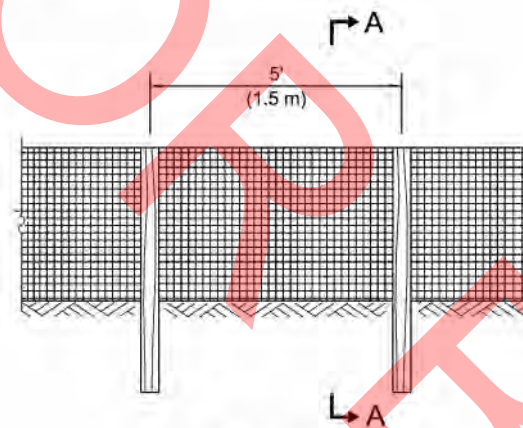
ELEVATION

* When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).



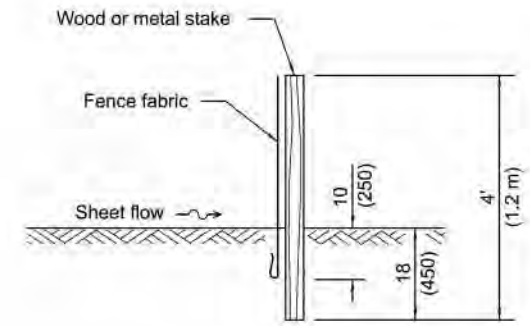
SECTION B-B

AGGREGATE DITCH CHECK

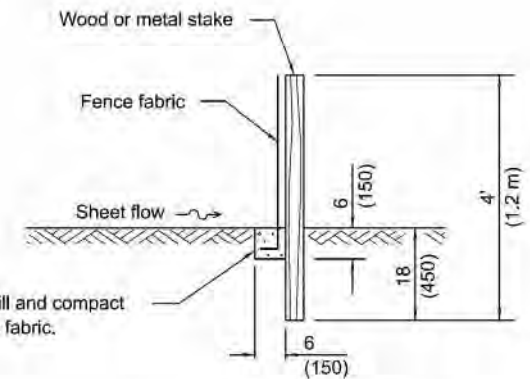


ELEVATION

SILT FILTER FENCE AS A PERIMETER EROSION BARRIER



SLICE METHOD



TRENCH METHOD

SECTION A-A

Excavate, backfill and compact trench to secure fabric.

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

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

DATE	REVISIONS
1-1-13	Corrected notation for flowline (F) on SEDIMENT BASIN ELEVATION
1-1-12	Omitted hay/straw perimeter barrier. Added SLICE METHOD to SECTION A-A

TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 1 of 2)

STANDARD 280001-07

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

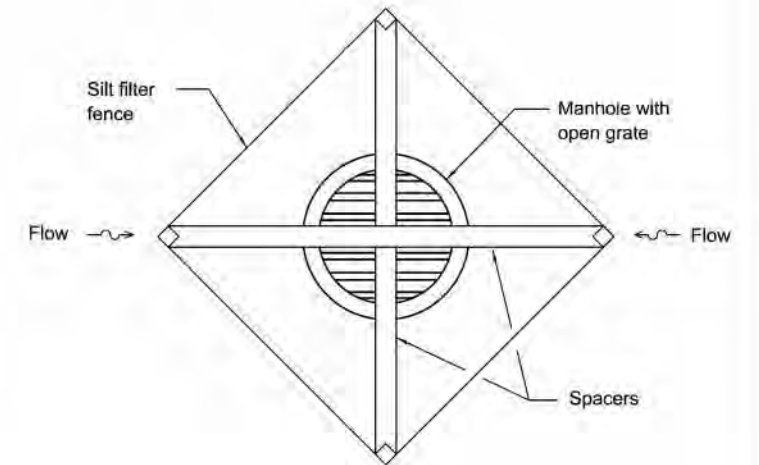
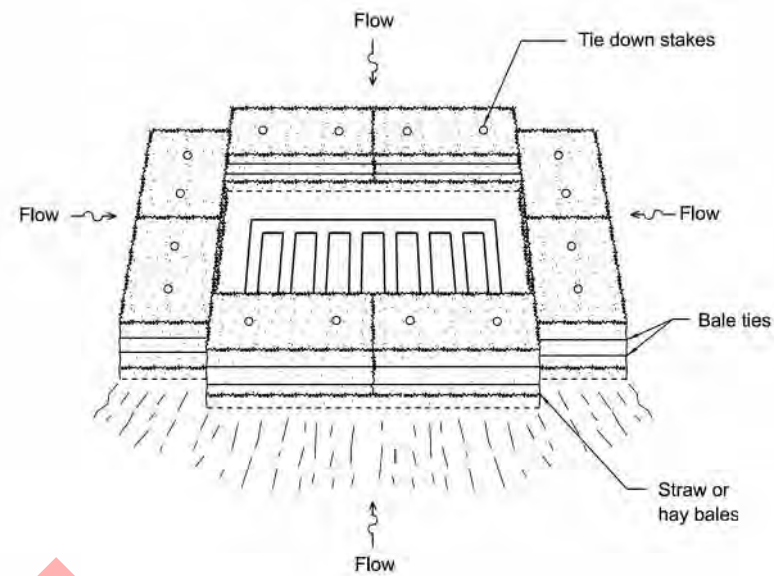
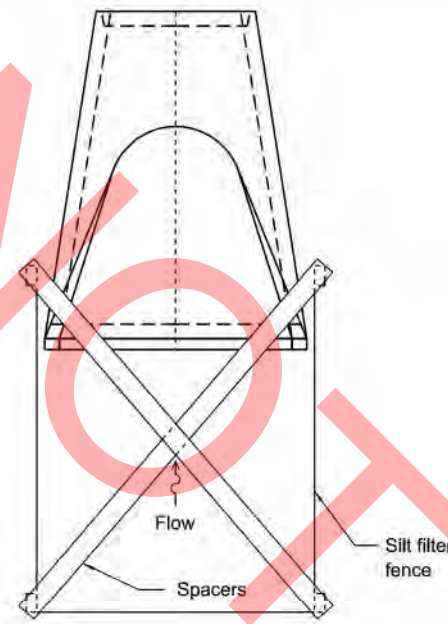
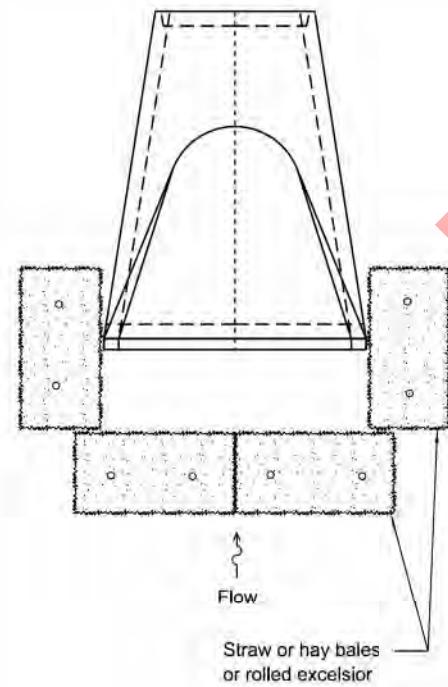
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	DRAWN - MRQ	REVISED -
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PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

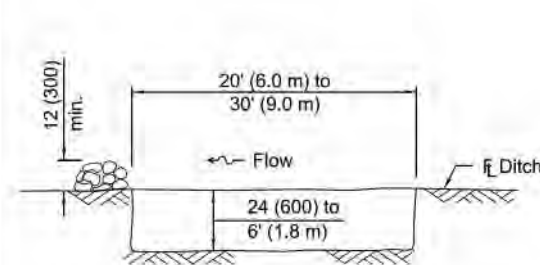
IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 11 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

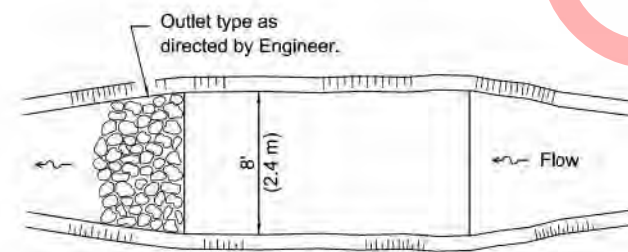


INLET AND PIPE PROTECTION



The performance of the basin will improve if put into a series.

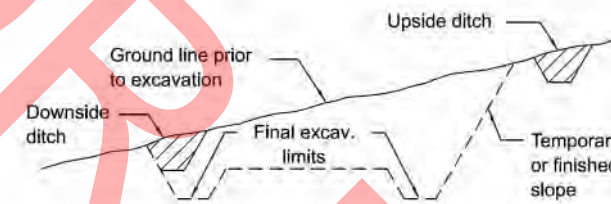
ELEVATION



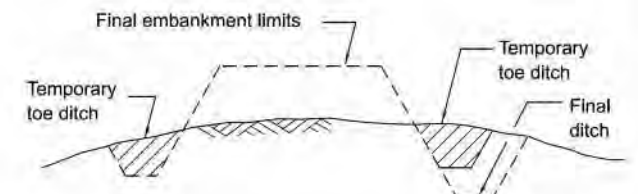
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.

PLAN

SEDIMENT BASIN



TYPICAL CUT CROSS-SECTION



TYPICAL FILL CROSS-SECTION

TEMPORARY DITCHES FOR CUT & FILL SECTIONS

TEMPORARY EROSION CONTROL SYSTEMS

(Sheet 2 of 2)

STANDARD 280001-07

Illinois Department of Transportation

APPROVED January 1, 2013
Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2013
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

MODEL: Default
 FILE NAME: 027-SHT-IDOT_Hwy_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

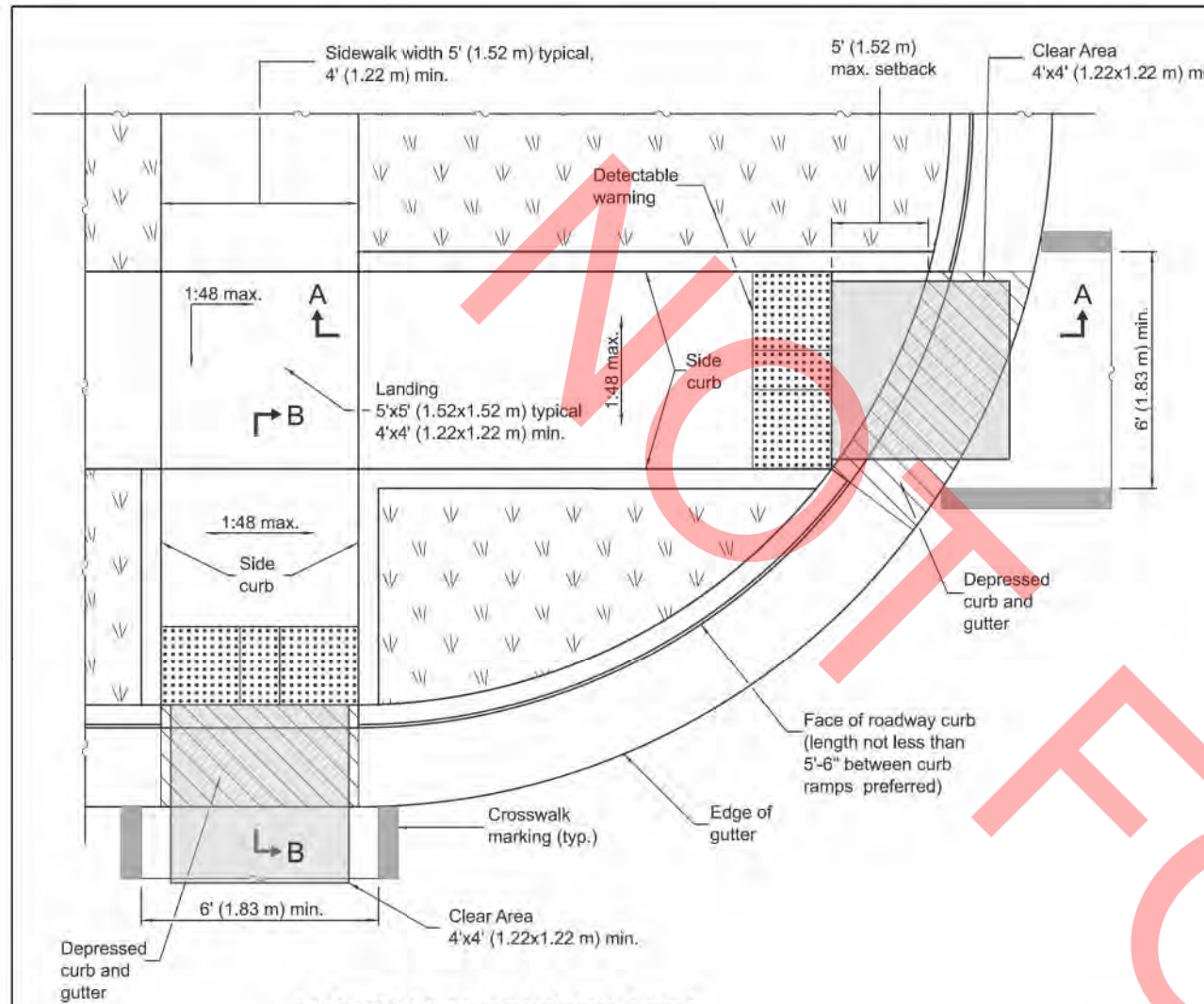
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**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

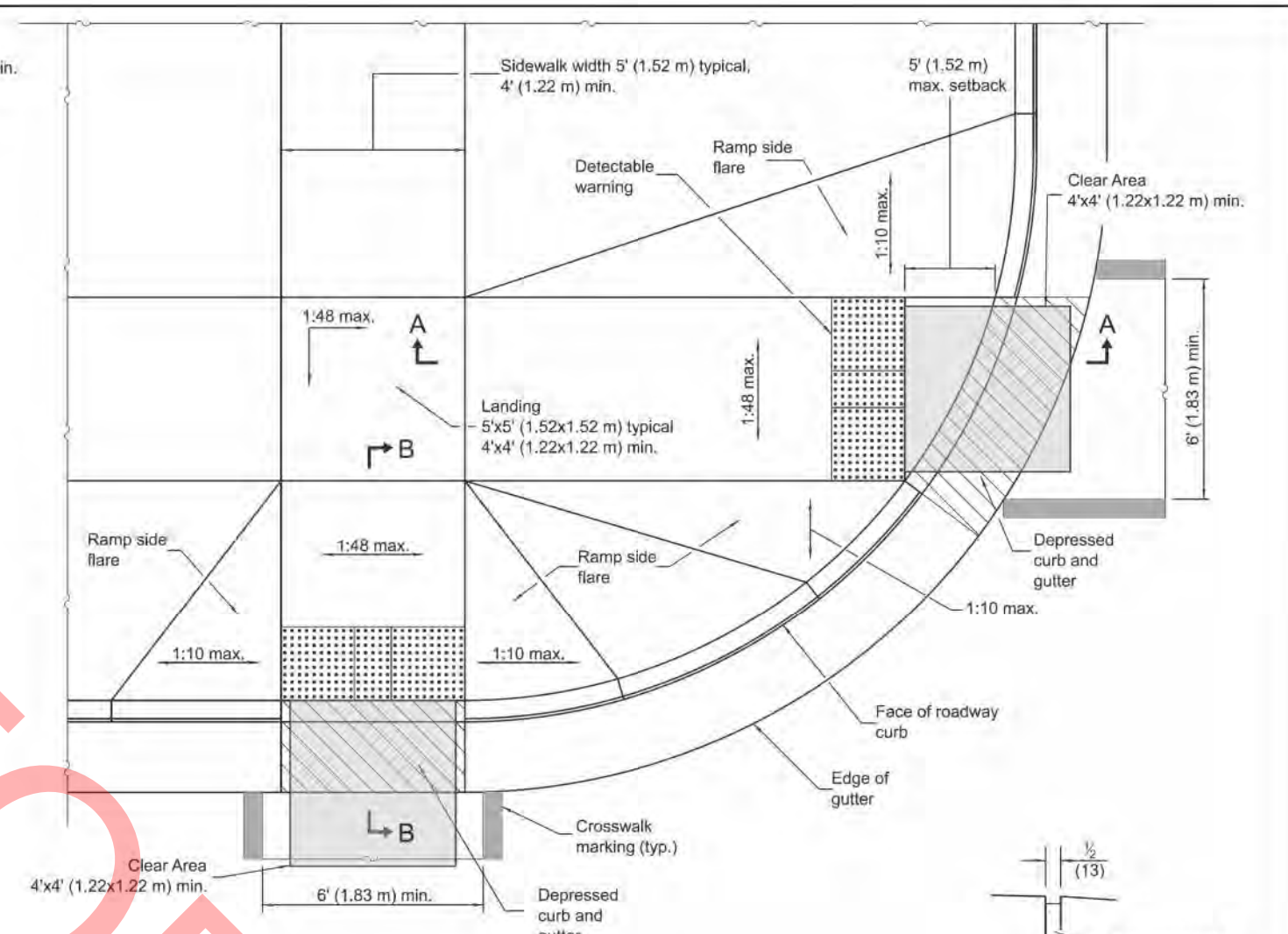
IDOT HIGHWAY STANDARD DETAILS

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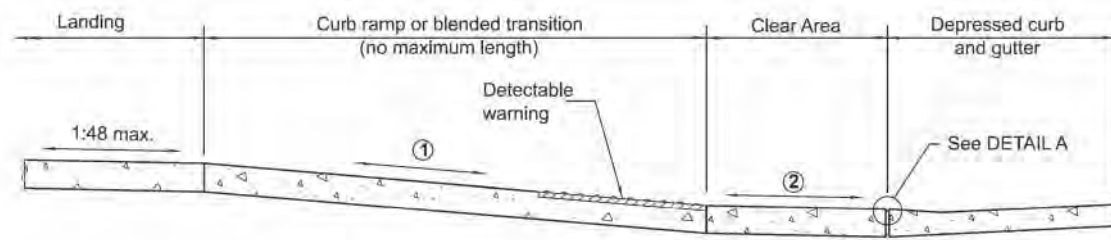
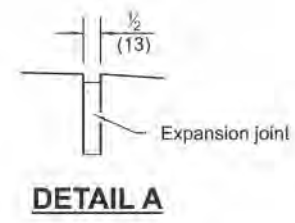
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	25-00104-00-R5	DUPAGE	61	42
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'**

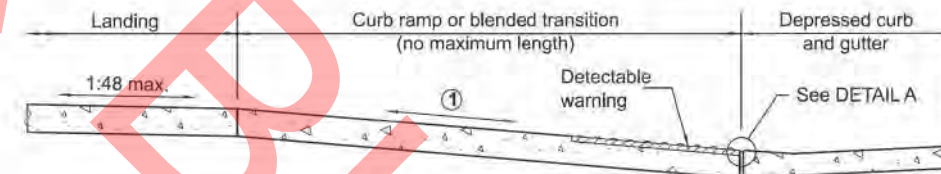


**RAMPS IN PAVED AREA
SETBACK ≤ 5'**



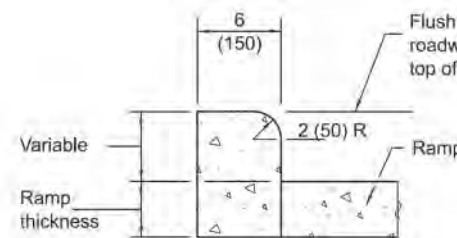
SECTION A-A

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.
- ② Clear Area shall be located outside the travel lane inclusive of any bicycle lanes. The running slope shall be 1:20 max and the cross slope shall be:
 - Signalized/Uncontrolled Intersection - 1:20
 - Yield/Stop Controlled Intersection - 1:48
 - Midblock - grade of the road



SECTION B-B

- ① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



SIDE CURB DETAIL

Illinois Department of Transportation

APPROVED January 1, 2025
Marshall K. Metcalf
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025
John C. ...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-25

See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-25	Indicated "Clear Area" Location and updated cross-slopes.
1-1-19	Removed "15-foot rule", added "Blended transitions" and placement tolerances for detectable warnings.

**PERPENDICULAR CURB
RAMPS FOR SIDEWALKS**

(Sheet 1 of 2)

STANDARD 424001-12

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FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

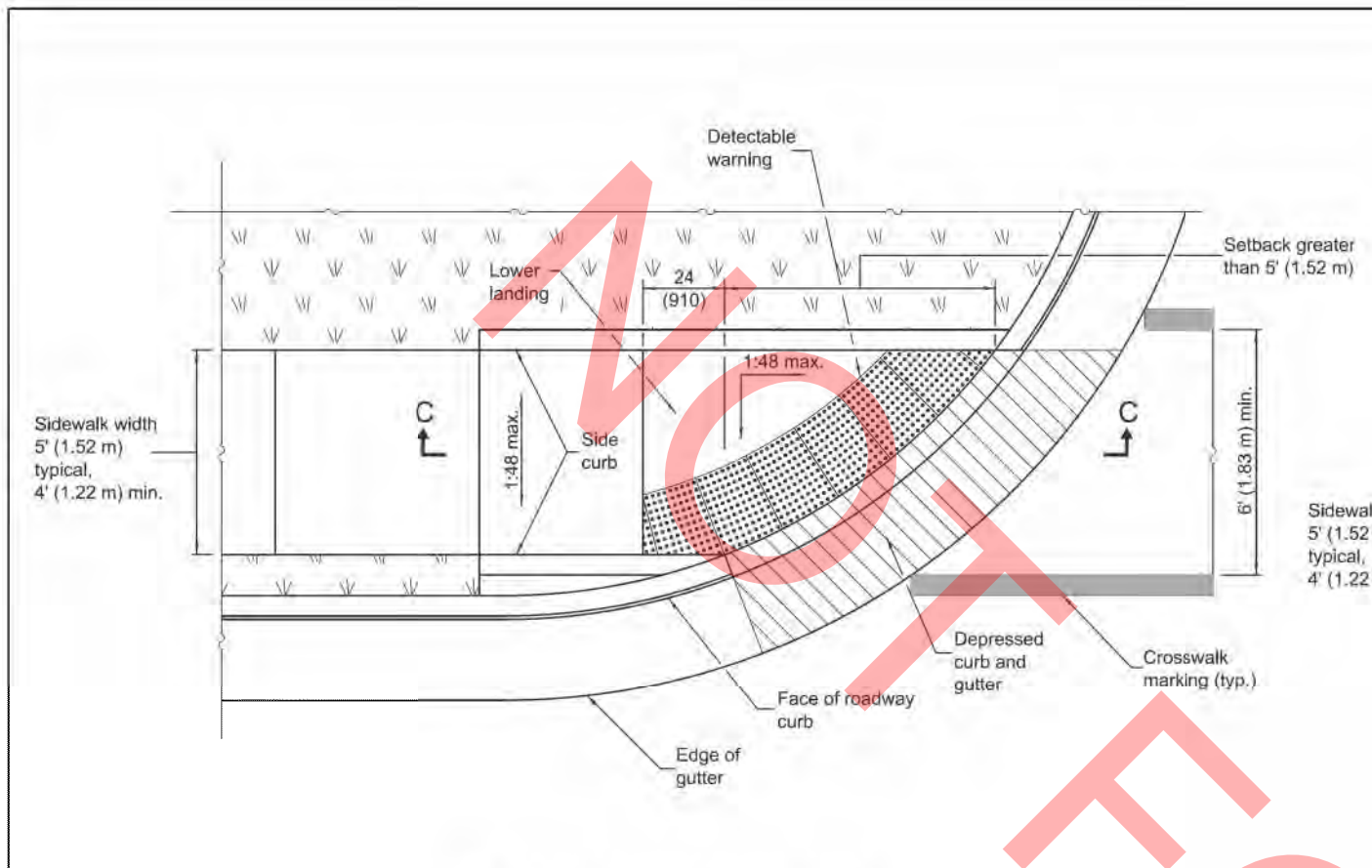
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PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

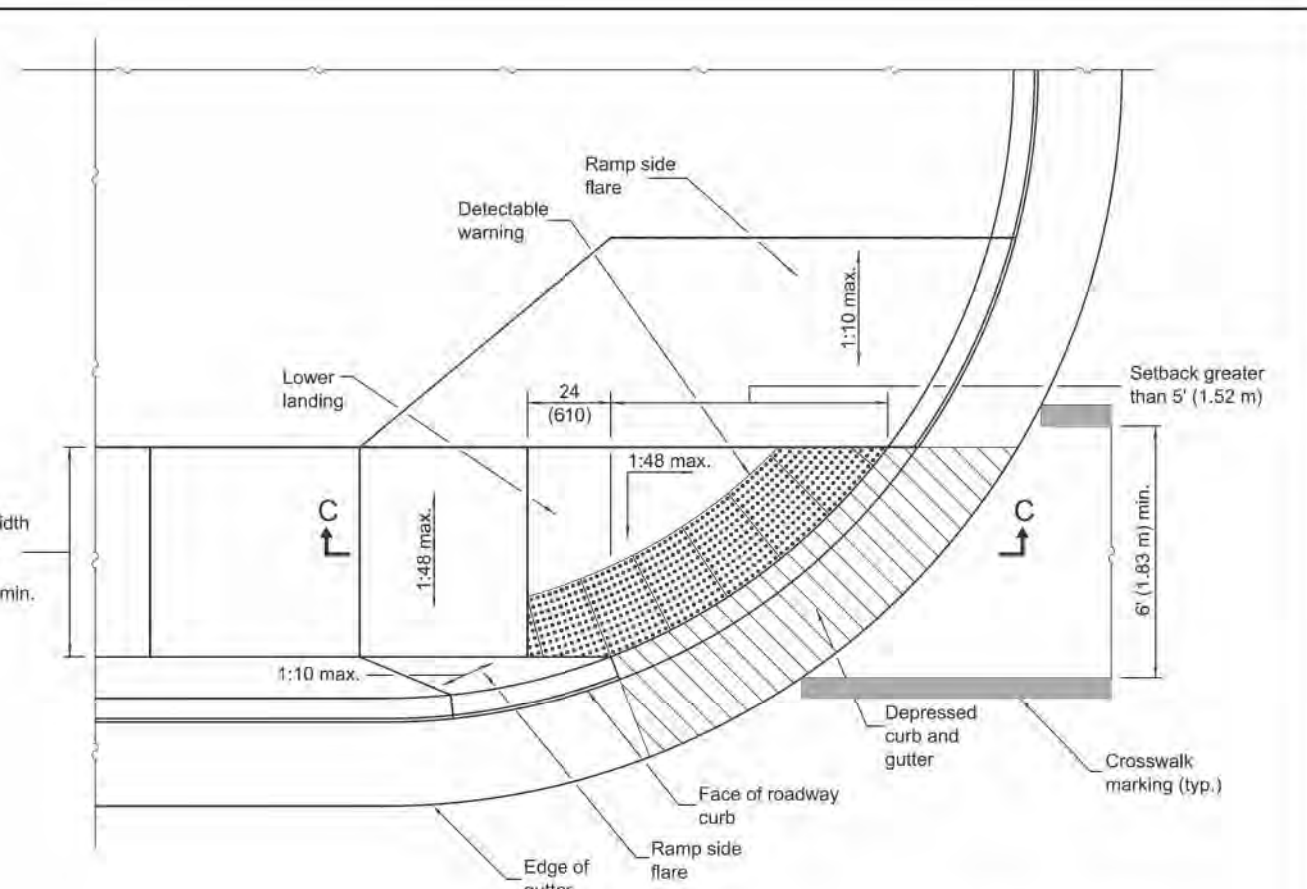
IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 13 OF 31 SHEETS STA. TO STA.

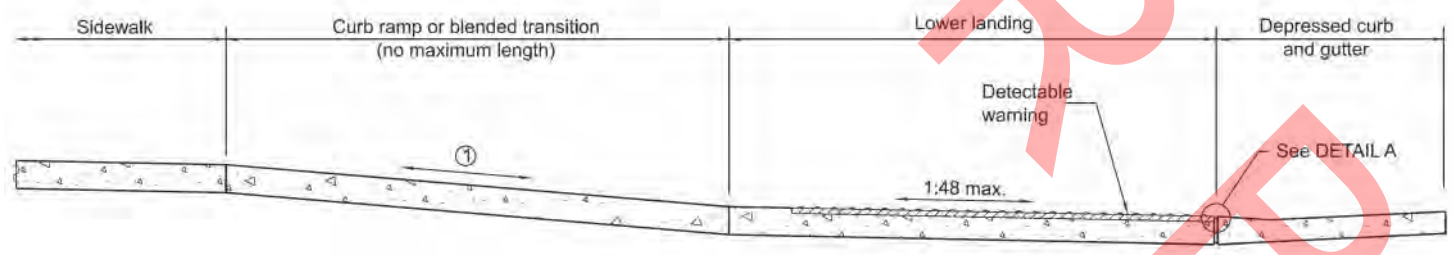
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	43
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



**RAMP IN LANDSCAPED AREA
SETBACK > 5'**



**RAMP IN PAVED AREA
SETBACK > 5'**



SECTION C-C

① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.

GENERAL NOTES

- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- Where 1:48 maximum slope is shown, 1:64 is preferred.
- Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.
- Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in width is allowed.
- Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.
- See Standard 606001 for details of depressed curb adjacent to curb ramp.
- All dimensions are in inches (millimeters) unless otherwise shown.

**PERPENDICULAR CURB
RAMPS FOR SIDEWALKS**

(Sheet 2 of 2)

STANDARD 424001-12

Illinois Department of Transportation

APPROVED January 1, 2025
Marshall K. Wood
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025
J. H. ...
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-25

MODEL: Default
FILE NAME: 027-SHT-IDOT_Hwy_STDS-01_DETAIL.S.dgn

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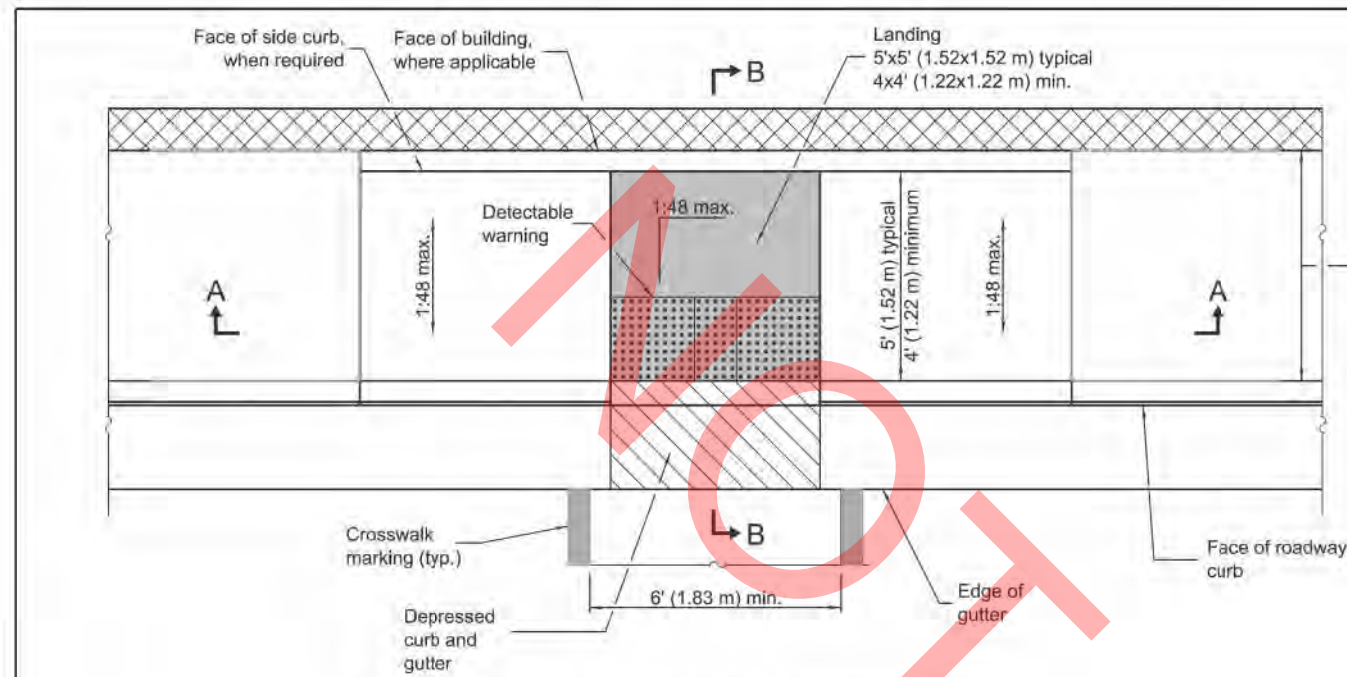
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PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

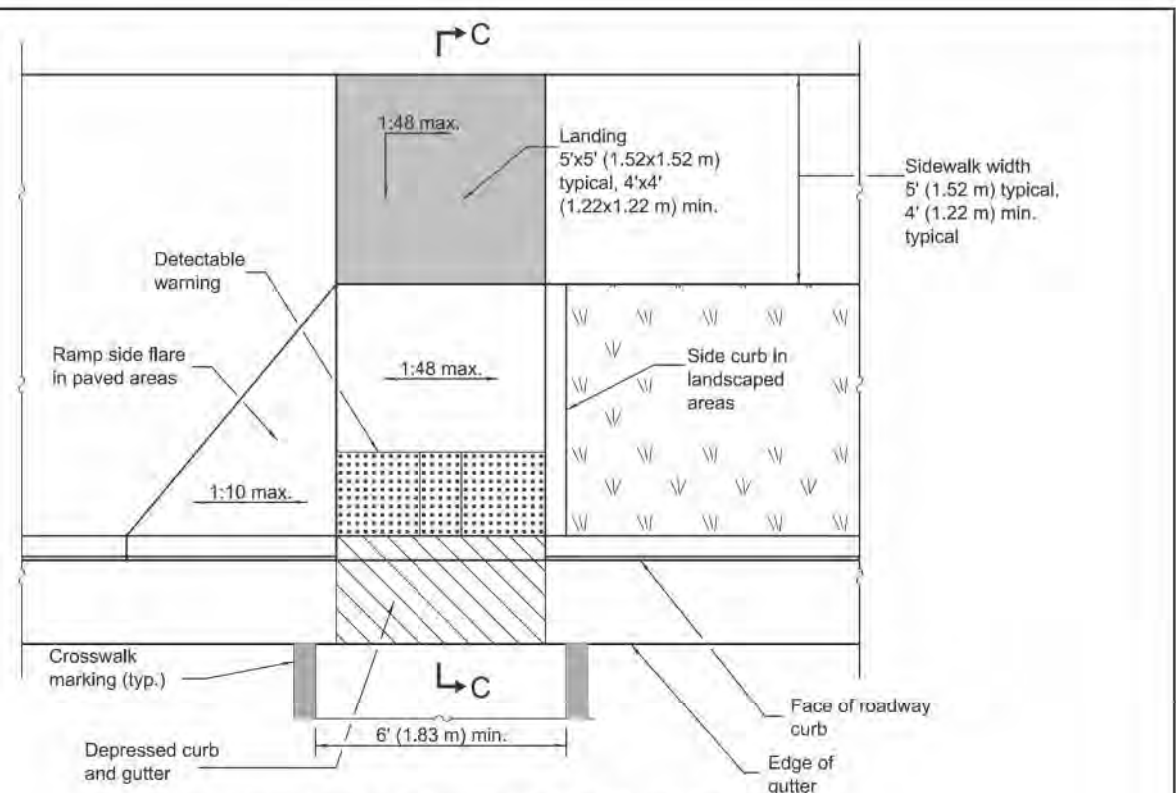
IDOT HIGHWAY STANDARD DETAILS

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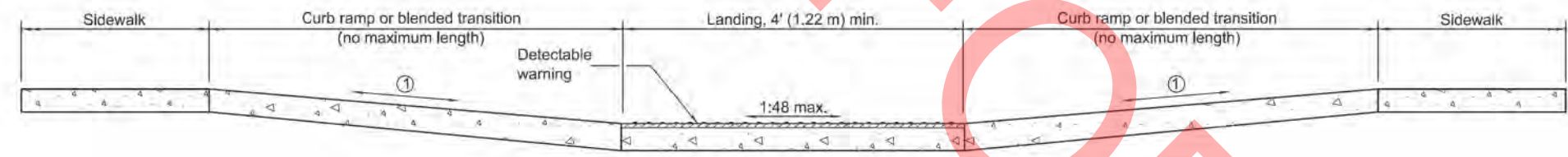
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	25-00104-00-R5	DUPAGE	61	44
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PARALLEL MID-BLOCK CURB RAMP

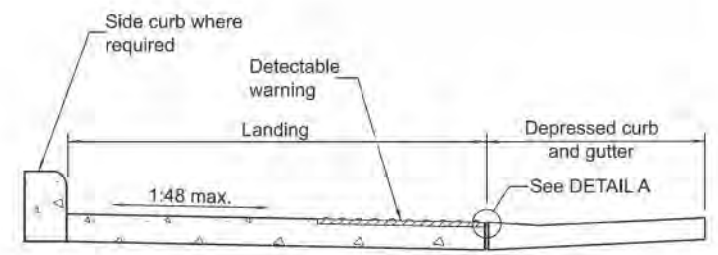


PERPENDICULAR MID-BLOCK CURB RAMP

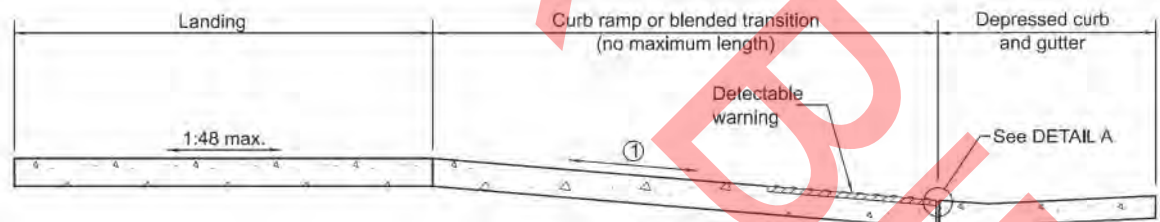


SECTION A-A

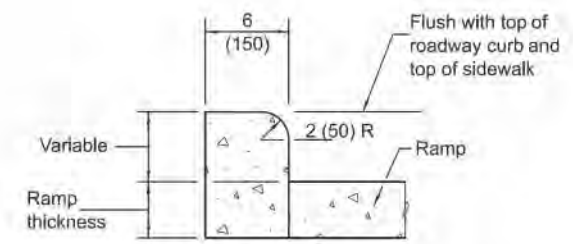
① The running slope of a curb ramp shall be 1:12 max. The running slope of a blended transition shall be 1:20 max.



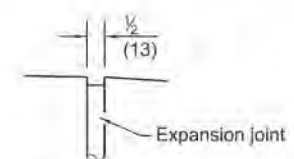
SECTION B-B



SECTION C-C



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

- All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
- Where 1:48 maximum slope is shown, 1:64 is preferred.
- Detectable warnings are shown in their ideal locations but the following placement tolerances are allowed.
- Side Border - Detectable warnings should extend the full width of the walking surface (excluding flared sides) but a border along each side up to 2 in. (50 mm) in. width is allowed.
- Curb Set-Back - Detectable warnings located at the back of curb should closely align with the curb but a gap up to 6 in. (150 mm) behind the curb is allowed.
- See Standard 606001 for details of depressed curb adjacent to curb ramp.
- All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2025
Marshall C. Woodall
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2025
J. H. ...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-25

DATE	REVISIONS
1-1-25	Revised turning space with landing and updated cross-slope.
1-1-19	Removed upper landing, added blended transitions and detectable warning tolerances.

MID-BLOCK CURB RAMPS FOR SIDEWALKS

STANDARD 424016-06

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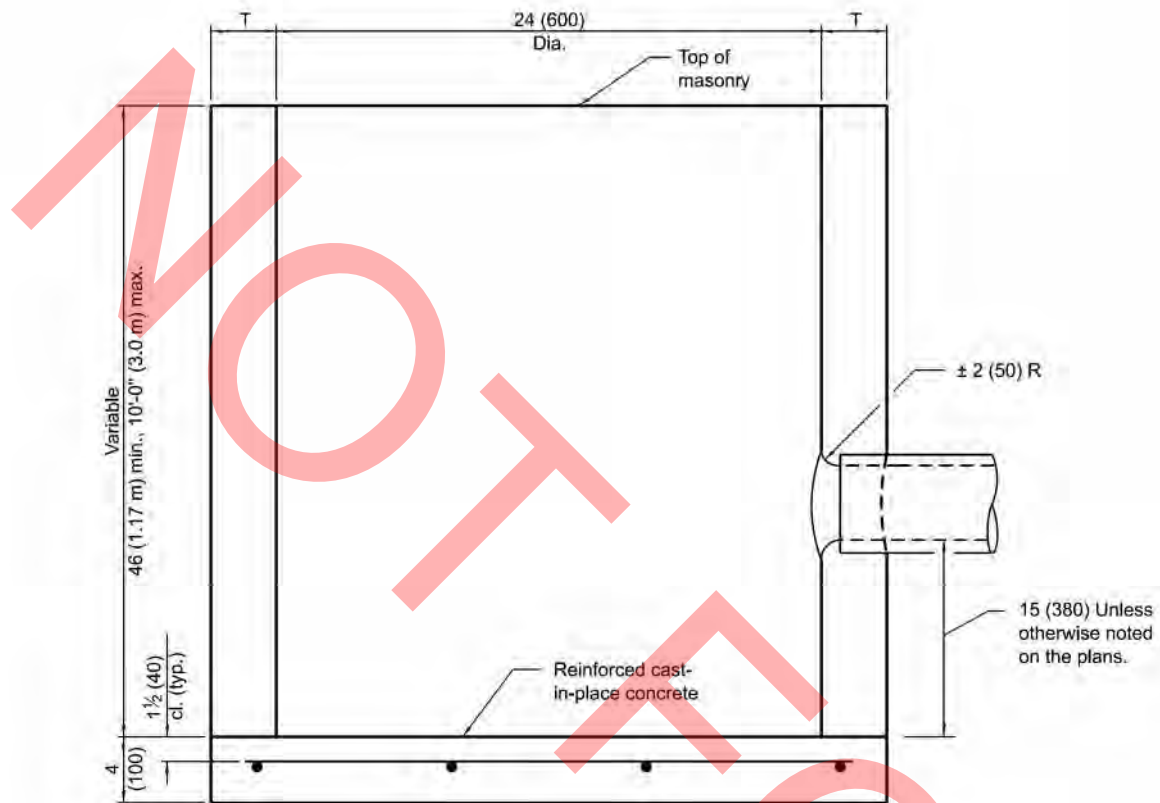
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VILLAGE OF VILLA PARK ENGINEERING DIVISION

IDOT HIGHWAY STANDARD DETAILS

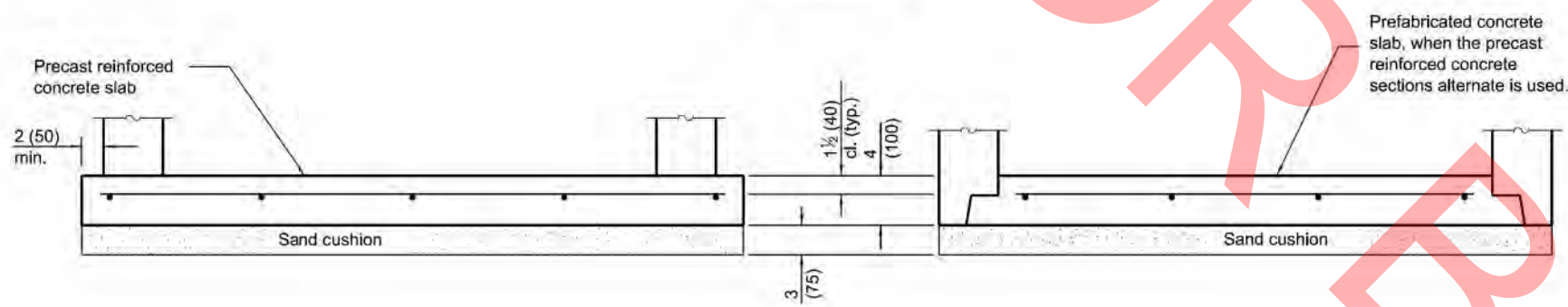
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	25-00104-00-R5	DUPAGE	61	45
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T (min)
Precast Reinforced Concrete Section	3 (75)
Concrete Masonry Unit	5 (125)
Cast-in-Place Concrete	6 (150)
Brick Masonry	8 (200)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.27 sq. in./ft. (570 sq. mm/m) in both directions with a maximum spacing of 9 (230).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

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

Illinois Department of Transportation

APPROVED January 1, 2011
Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2011
Spencer
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Detailed rein. in slabs. Added
	max limit to height. Added
	general notes.
1-1-09	Switched units to English (metric).

CATCH BASIN TYPE C

STANDARD 602011-02

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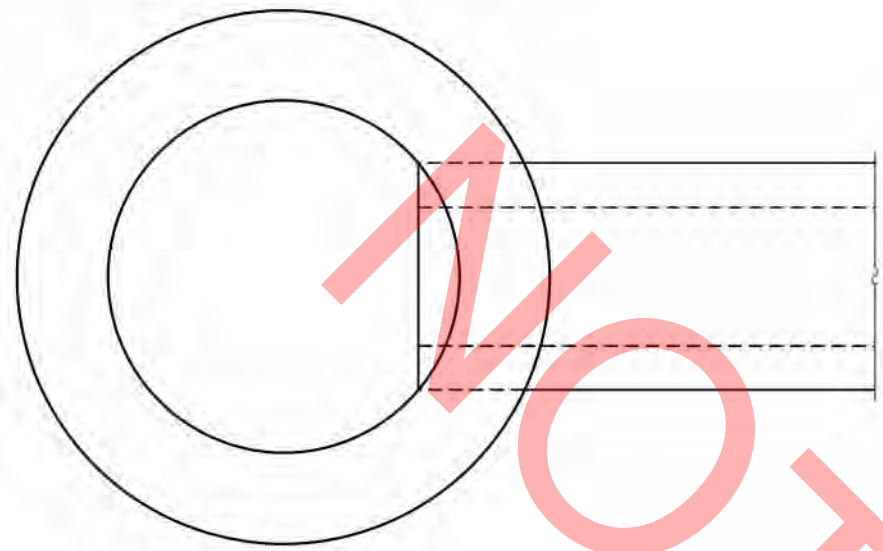
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**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

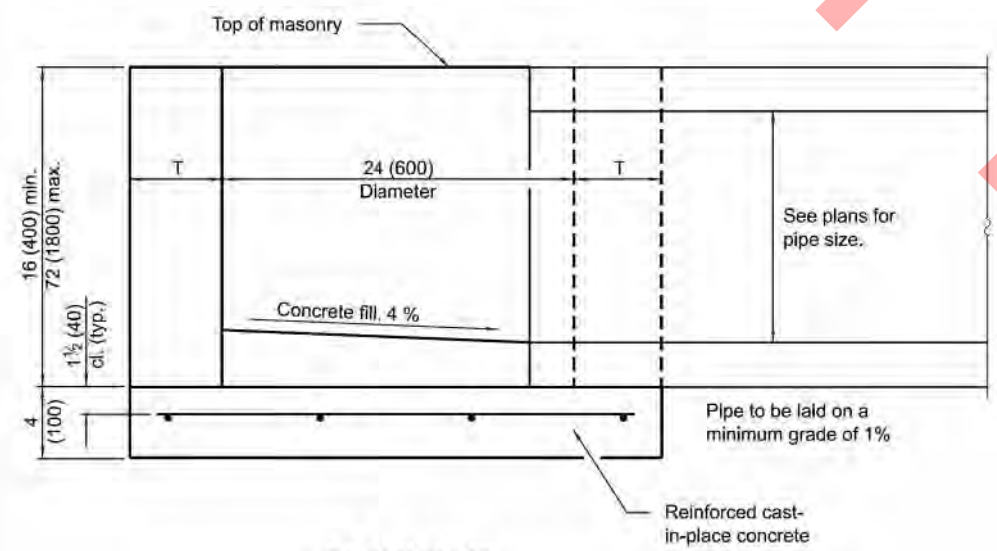
IDOT HIGHWAY STANDARD DETAILS

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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

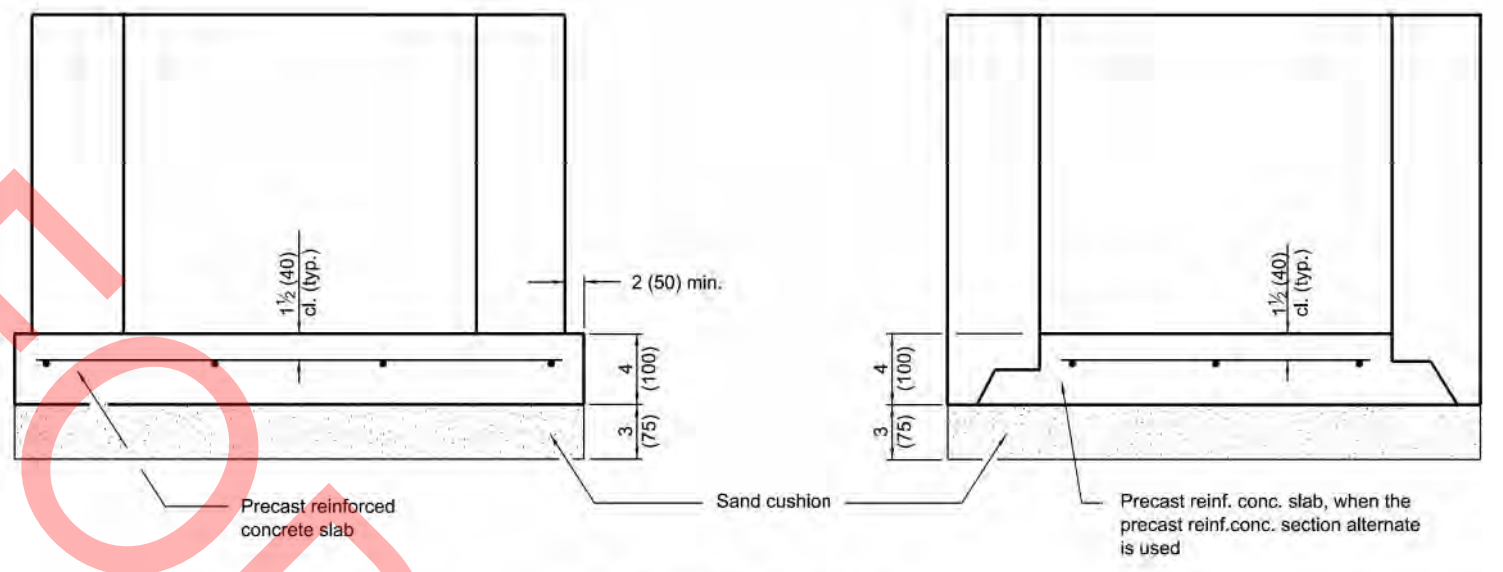


PLAN



ELEVATION

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).
 Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.
 All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2014
Michael Beard
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2014
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs. Added max. limit to height. Added general notes.

INLET - TYPE A

STANDARD 602301-04

MODEL: Default
 FILE NAME: 027-SHT-IDOT_Hwy_STDS-01_DETAIL.S.dgn



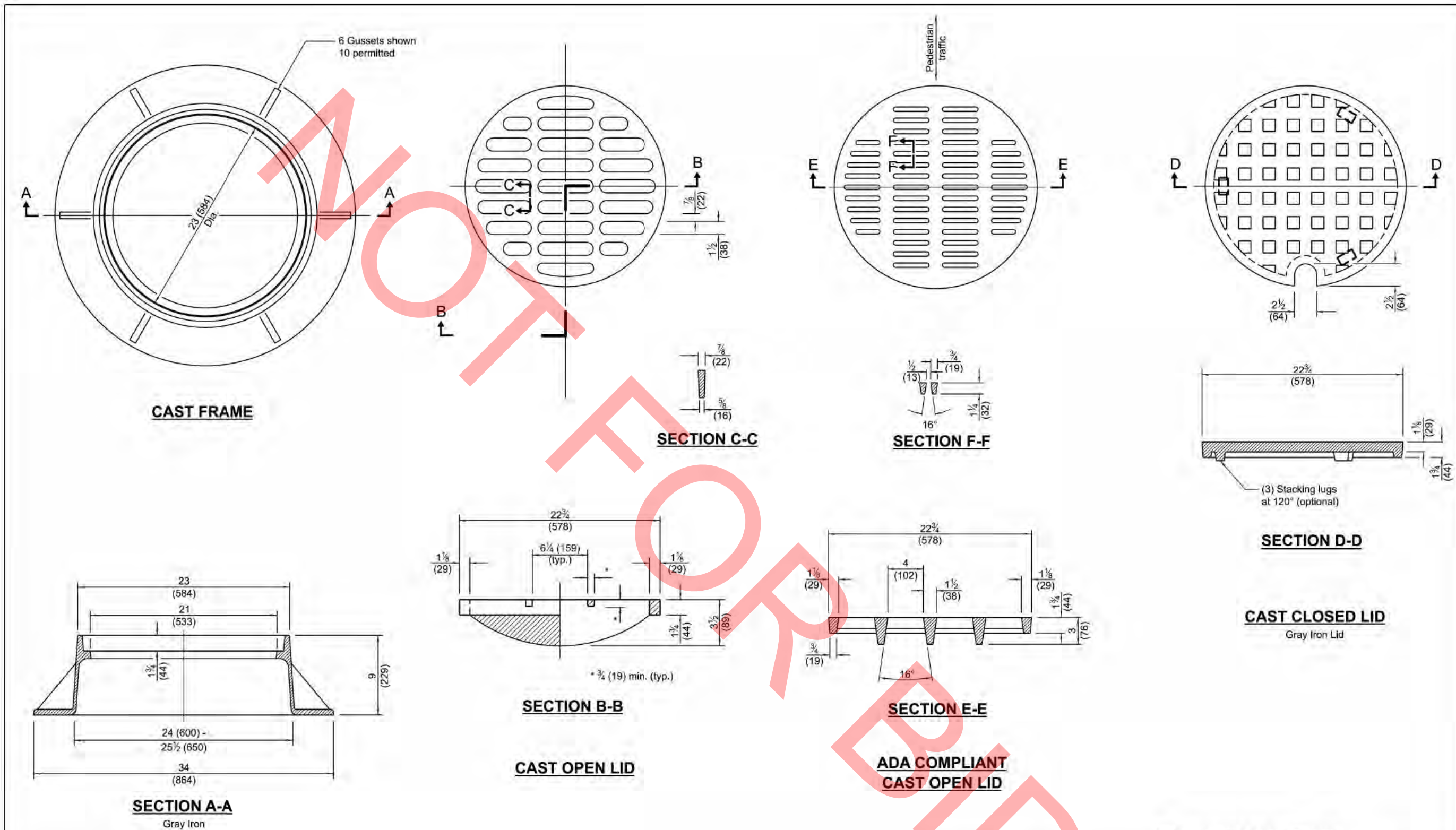
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

VILLAGE OF VILLA PARK
 ENGINEERING DIVISION

DOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 18 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	48
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



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

APPROVED <i>[Signature]</i> ENGINEER OF POLICY AND PROCEDURES	January 1, 2020
APPROVED <i>[Signature]</i> ENGINEER OF DESIGN AND ENVIRONMENT	January 1, 2020
ISSUED 1-1-97	

DATE	REVISIONS
1-1-20	Revised dimension in Section B-B of cast open lid.
1-1-15	Revised dimensioning of frame. Added ADA compliant open lid.

FRAME AND LIDS TYPE 1	
STANDARD 604001-05	

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

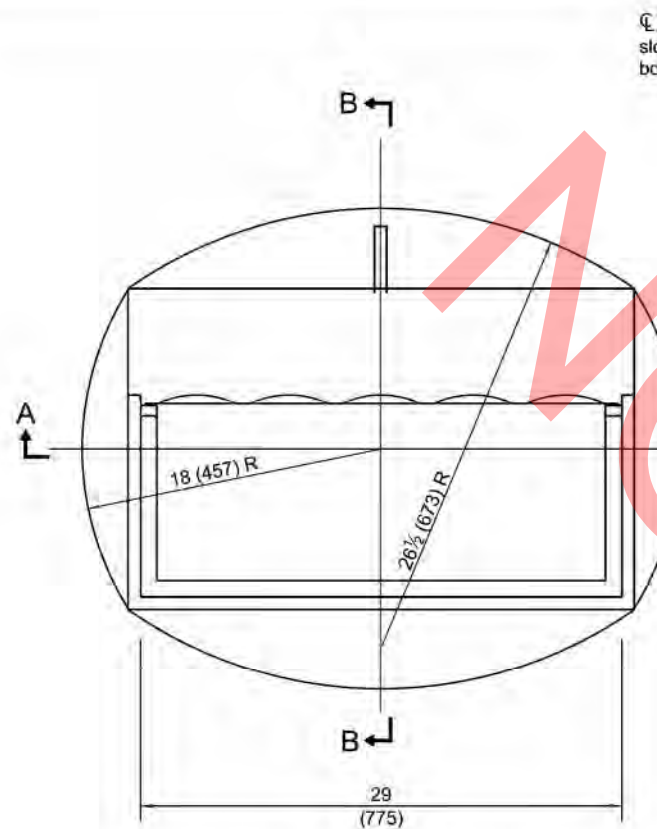
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

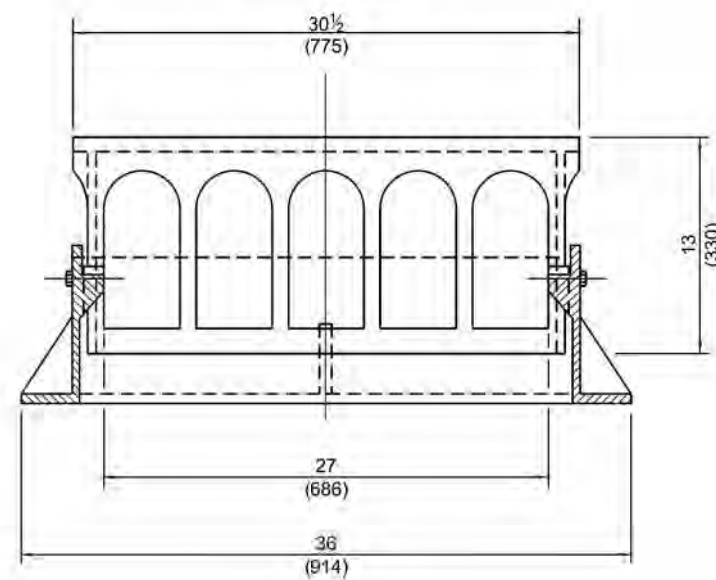
IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 19 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	49
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

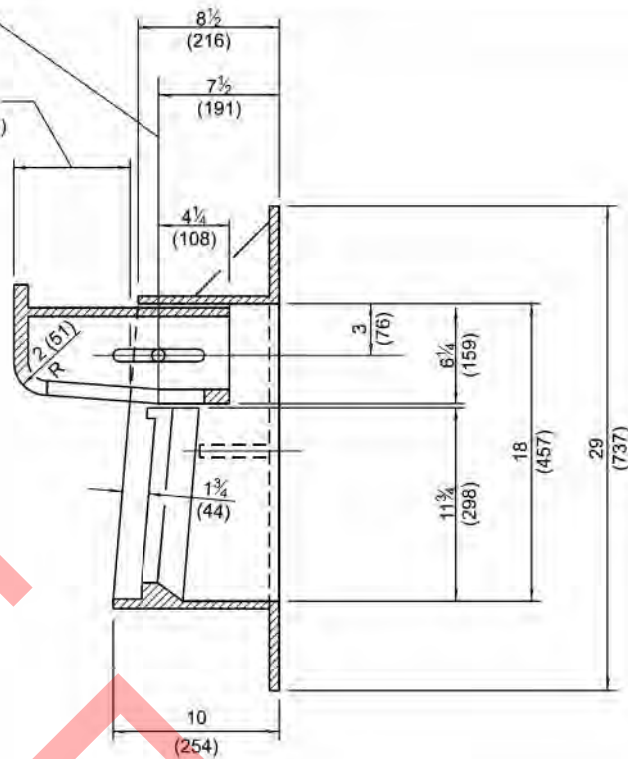


CAST FRAME

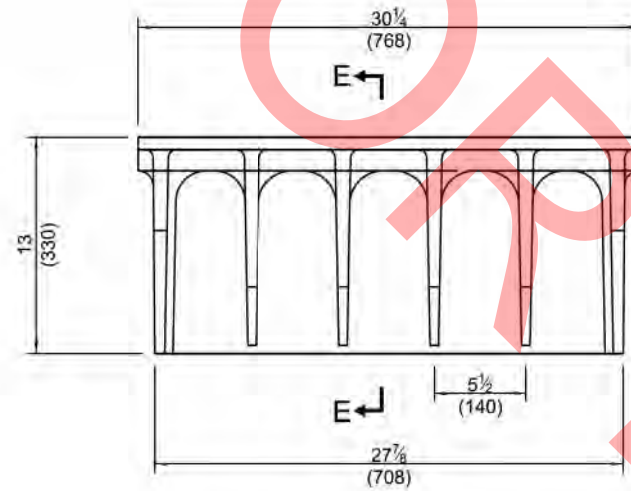


SECTION A-A

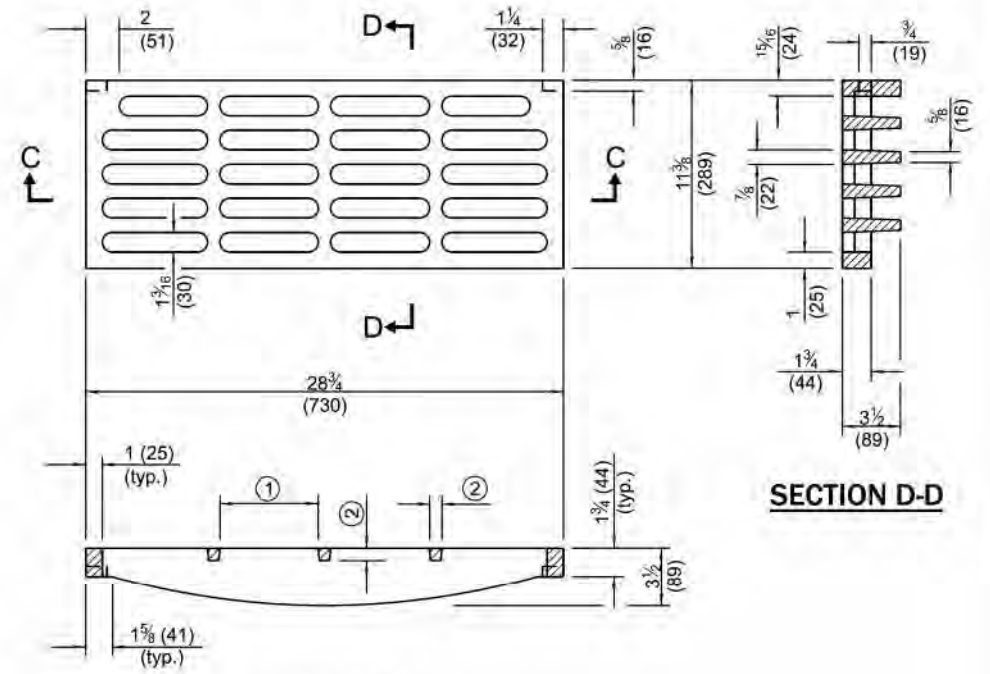
⌀ 5/8 (10) Dia. hole and 5/8x5 1/2 (16x140) slotted hole for galvanized 1/2 (M12) bolt, nut, and washer.
Curb box adjustable from 4 1/2 (115) to 9 (225)



SECTION B-B



ALTERNATE CURB BOX

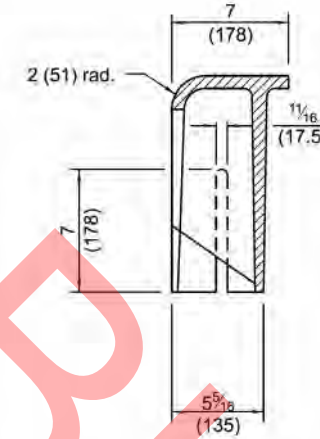


SECTION C-C

SECTION D-D

- ① = 6 1/4 (159) max. (typ.)
- ② = 3/4 (19) min. (typ.)

CAST GRATE



SECTION E-E

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

Illinois Department of Transportation

APPROVED January 1, 2015
Michael Beard
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2015
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97 / 7/8

DATE	REVISIONS
1-1-15	Revised dimensions of frame and alternate curb box.
4-1-09	Switched units to English (metric).

**FRAME AND GRATE
TYPE 11**

STANDARD 604051-04

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

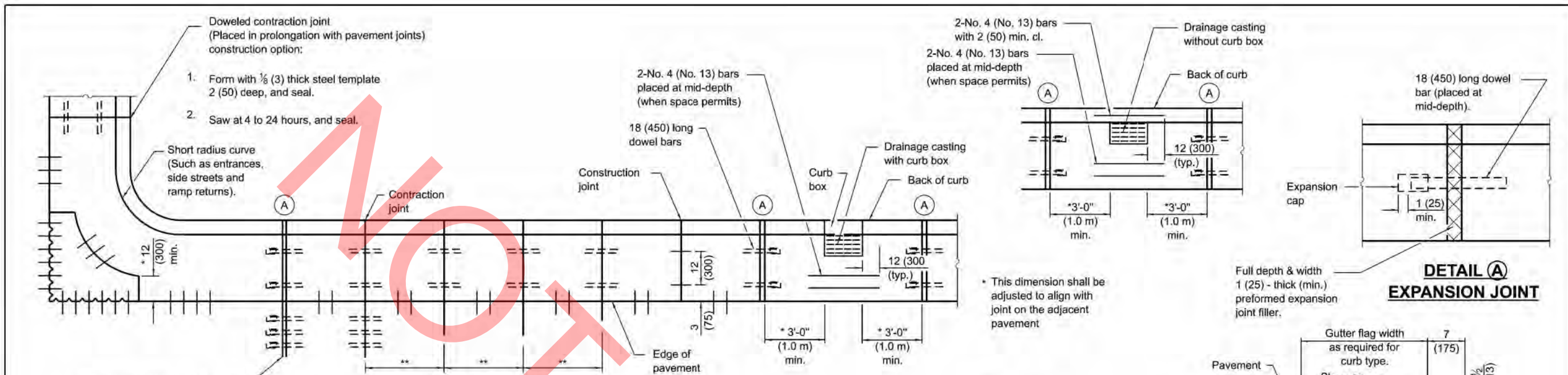
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

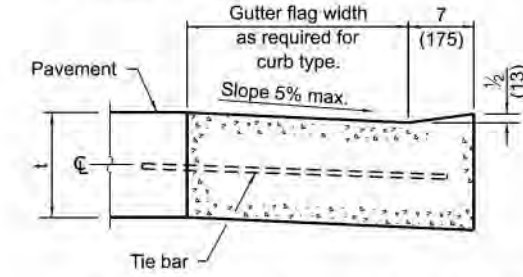
SCALE: NONE SHEET 20 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	50
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

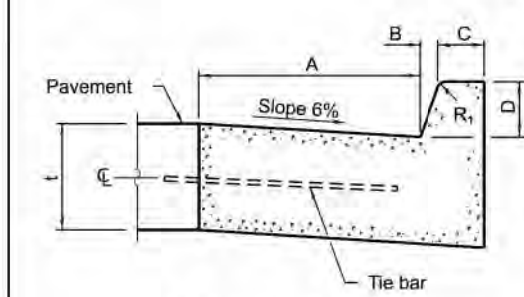


PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

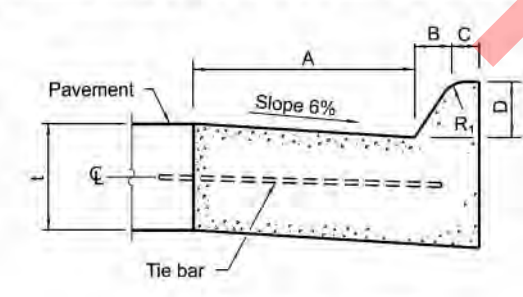
DETAIL A
EXPANSION JOINT



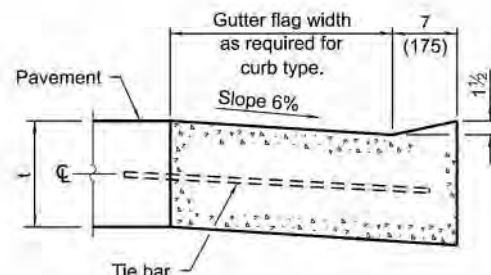
DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



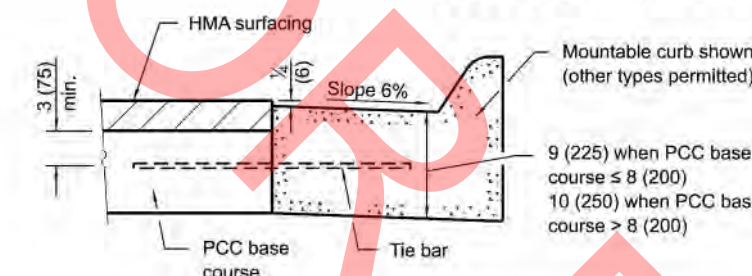
BARRIER CURB



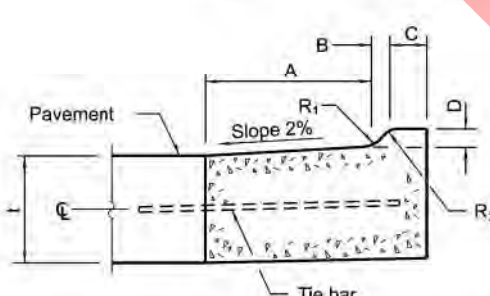
MOUNTABLE CURB



DEPRESSED CURB (TYPICAL)



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R ₁
B-6.06 *	6	1	6	6	1
(B-15.15)	(150)	(25)	(150)	(150)	(25)
B-6.12	12	1	6	6	1
(B-15.3)	(300)	(25)	(150)	(150)	(25)
B-6.18	18	1	6	6	1
(B-15.45)	(450)	(25)	(150)	(150)	(25)
B-6.24	24	1	6	6	1
(B-15.60)	(600)	(25)	(150)	(150)	(25)
B-9.12	12	2	5	9	1
(B-22.30)	(300)	(50)	(125)	(225)	(25)
B-9.18	18	2	5	9	1
(B-22.45)	(450)	(50)	(125)	(225)	(25)
B-9.24	24	2	5	9	1
(B-22.60)	(600)	(50)	(125)	(225)	(25)

* For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R ₁	R ₂
M-2.06	6	2	4	2	3	2
(M-5.15)	(150)	(50)	(100)	(50)	(75)	(50)
M-2.12	12	2	4	2	3	2
(M-5.30)	(300)	(50)	(100)	(50)	(75)	(50)
M-4.06	6	4	3	4	3	NA
(M-10.15)	(150)	(100)	(75)	(100)	(75)	NA
M-4.12	12	4	3	4	3	NA
(M-10.30)	(300)	(100)	(75)	(100)	(75)	NA
M-4.18	18	4	3	4	3	NA
(M-10.45)	(450)	(100)	(75)	(100)	(75)	NA
M-4.24	24	4	3	4	3	NA
(M-10.60)	(600)	(100)	(75)	(100)	(75)	NA
M-6.06	6	6	2	6	2	NA
(M-15.15)	(150)	(150)	(50)	(150)	(50)	NA
M-6.12	12	6	2	6	2	NA
(M-15.30)	(300)	(150)	(50)	(150)	(50)	NA
M-6.18	18	6	2	6	2	NA
(M-15.45)	(450)	(150)	(50)	(150)	(50)	NA
M-6.24	24	6	2	6	2	NA
(M-15.60)	(600)	(150)	(50)	(150)	(50)	NA

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 36 (900) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

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

DATE	REVISIONS
1-1-22	Revised contraction joint spacing adjacent to pcc pavement.
1-1-18	Revised General Note for tie bar spacing to 36 (900) cts.

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
(Sheet 1 of 2)

STANDARD 606001-08

MODEL: Default
FILE NAME: 0227-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

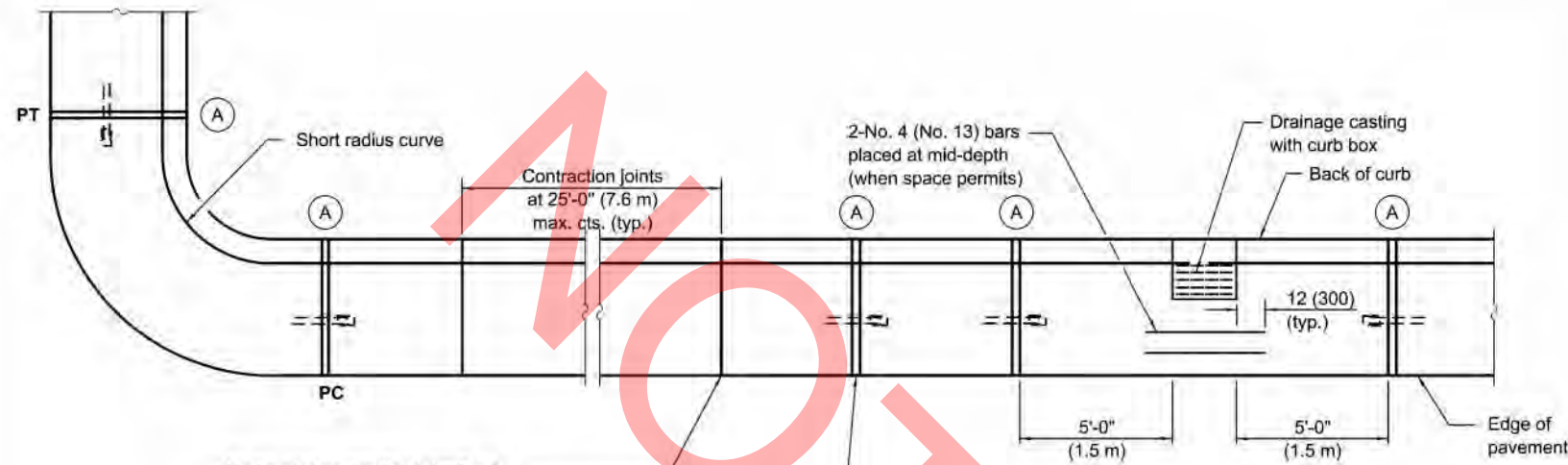
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

VILLAGE OF VILLA PARK ENGINEERING DIVISION

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 21 OF 31 SHEETS STA. TO STA.

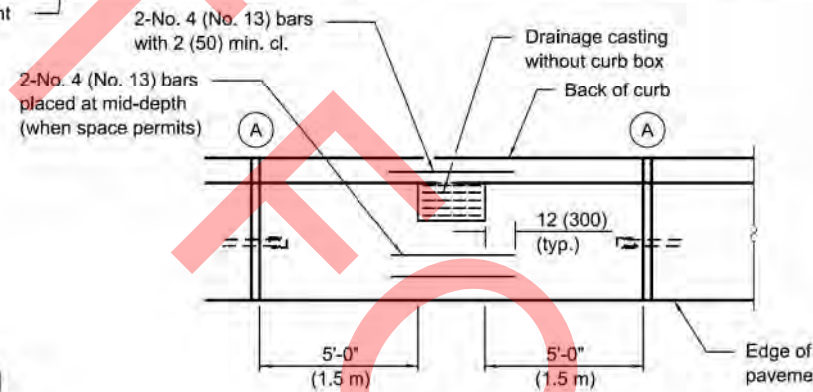
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	51
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



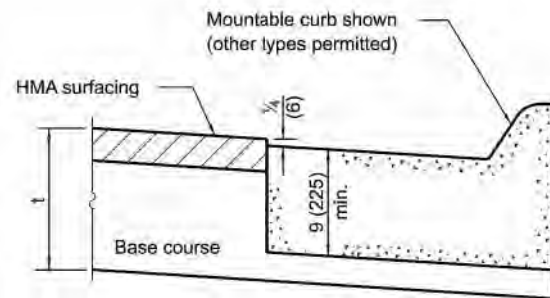
Undoweled contraction joint (typ.) construction options:

1. Form with $\frac{1}{8}$ (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert $\frac{3}{4}$ (20) thick preformed joint filler full depth and width.

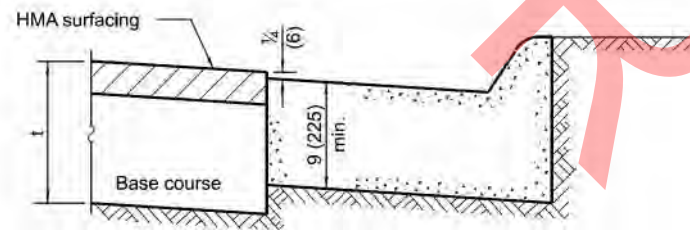
Construction joint



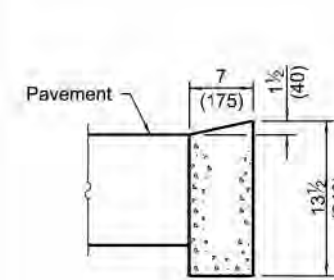
PLAN



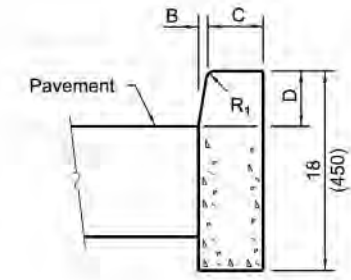
ON DISTURBED SUBGRADE



ON UNDISTURBED SUBGRADE

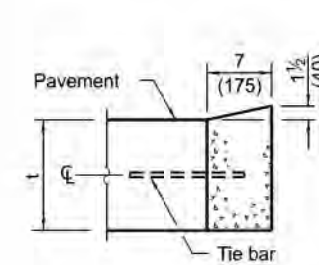


DEPRESSED CURB

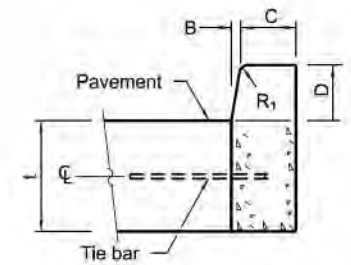


BARRIER CURB

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB



BARRIER CURB

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

**CONCRETE CURB TYPE B
AND COMBINATION
CONCRETE CURB AND GUTTER**
(Sheet 2 of 2)

STANDARD 606001-08

APPROVED January 1, 2022 <i>Michael Brand</i> ENGINEER OF POLICY AND PROCEDURES	ISSUED 1-1-97
APPROVED January 1, 2022 <i>[Signature]</i> ENGINEER OF DESIGN AND ENVIRONMENT	

TRANSYSTEMS

USER NAME = mrquinn	DESIGNED - MRQ	REVISED -
	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

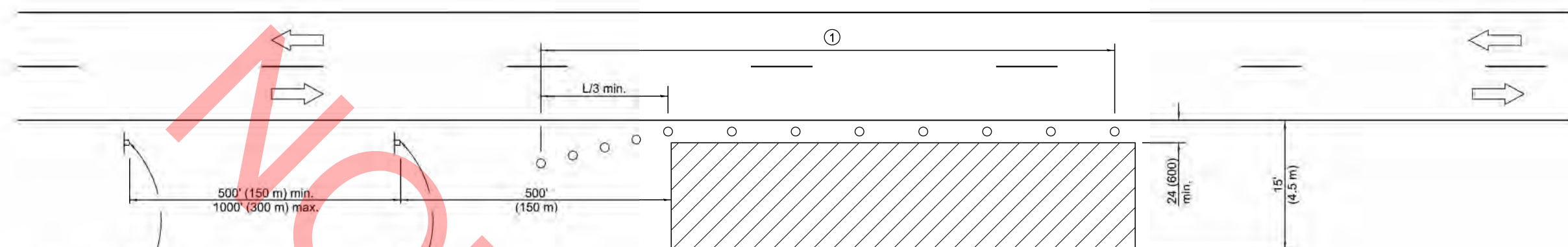
**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 22 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	52
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

MODEL: Default FILE NAME: 0227-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn



For contract construction projects



W20-1103(0)-48

For maintenance and utility projects



W20-1(0)-48



W21-1(0)-48

TYPICAL APPLICATIONS

- Utility operations
- Culvert extensions
- Side slope changes
- Guardrail installation and maintenance
- Delineator installation
- Landscaping operations
- Shoulder repair
- Sign installation and maintenance

① When the work operation exceeds one hour, cones, drums or barricades shall be placed at 25' (8 m) centers for L/3 distance, and at 50' (15 m) centers through the remainder of the work area.

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

GENERAL NOTES

This Standard is used where any vehicles, equipment, workers or their activities will encroach in the area 15' (4.5 m) to 24' (600) from the edge of pavement.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	(Metric)
40 mph (70 km/h) or less:	$L = \frac{WS^2}{60}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (W)(S)$	$L = 0.65(W)(S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

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

Illinois Department of Transportation

APPROVED January 1, 2014

 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2014

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-14	Revised workers sign number to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE

STANDARD 701006-05

MODEL: Default
 FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

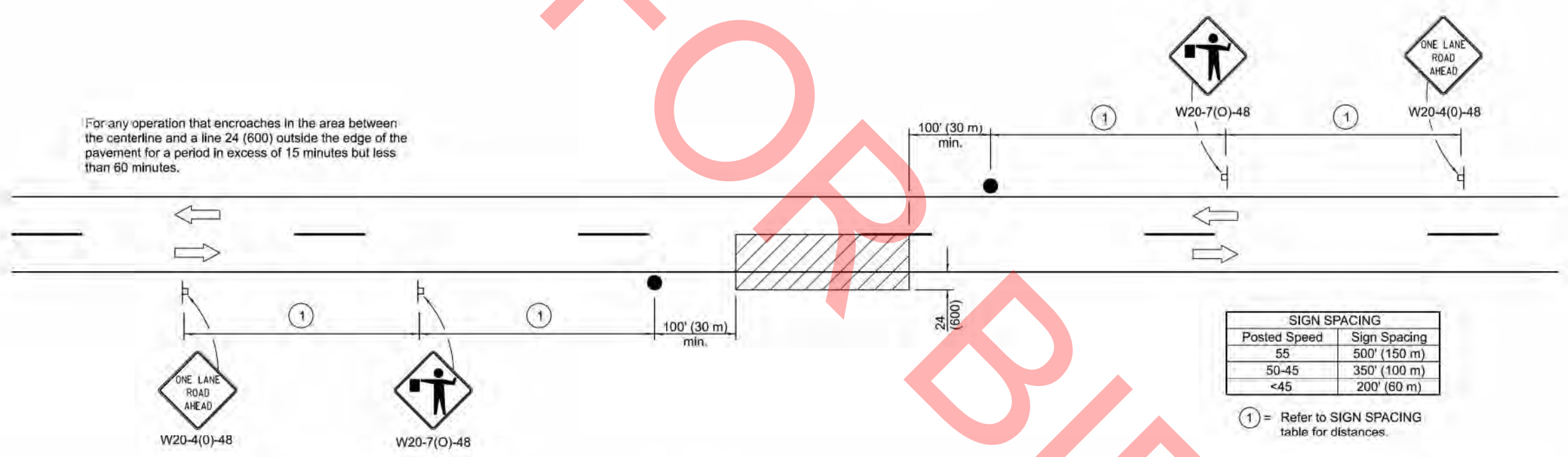
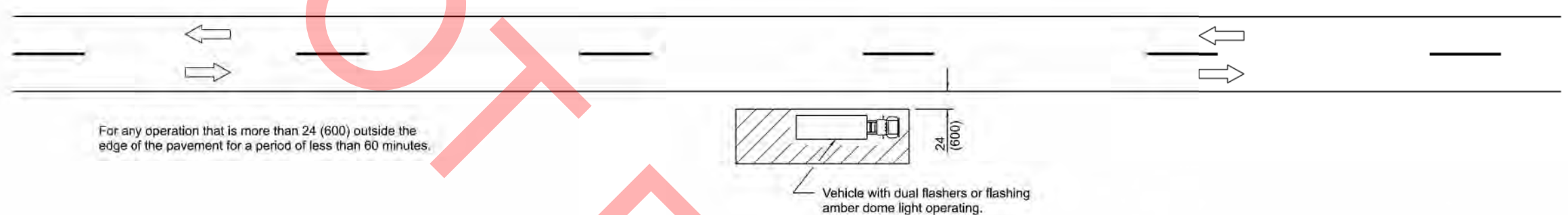
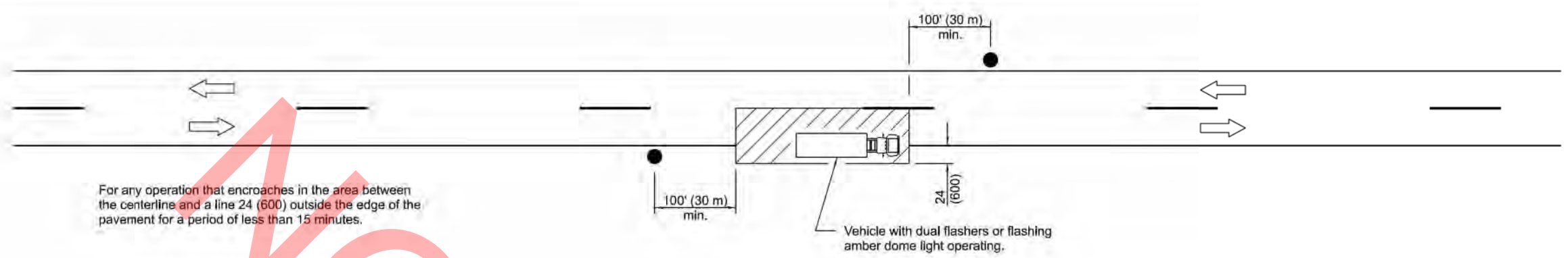
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PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 23 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	53
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



TYPICAL APPLICATIONS

- Marking patches
- Field survey
- String line
- Utility operations
- Cleaning up debris on pavement

SYMBOLS

- Work area
- Sign on portable or permanent support
- Flagger with traffic control sign

Illinois Department of Transportation

APPROVED January 1, 2011
James A. [Signature]
 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).

**LANE CLOSURE, 2L, 2W,
SHORT TIME OPERATIONS**

STANDARD 701301-04

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

MODEL: Default
 FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 24 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	54
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



* Distance varies depending on terrain and susceptibility of pavement marking or crack sealant to wheel tracking.

TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring

SYMBOLS

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency flashers and flashing amber light, (visible from all directions)
- 18 x 18 (450x450) min. orange flag (use when guide wheel is used)
- Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

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

Illinois Department of Transportation

APPROVED January 1, 2009
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric). Omitted Pass With Care sign.
1-1-00	Eliminated speed restrictions in Standard title.

**LANE CLOSURE 2L, 2W
MOVING OPERATIONS-
DAY ONLY**

STANDARD 701311-03

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

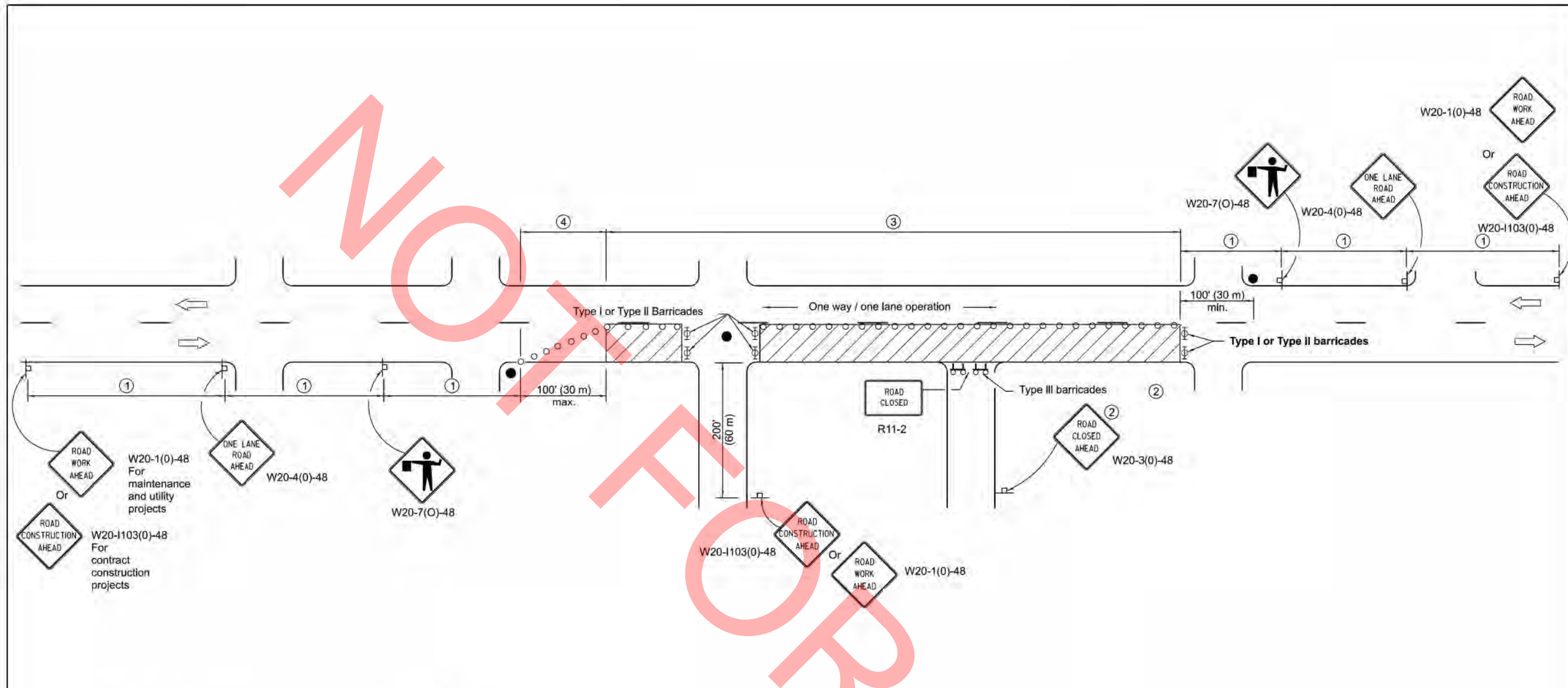
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		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 25 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	55
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved sideroad closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

Illinois Department of Transportation

APPROVED January 1, 2011

 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric). Corrected sign No.'s.

**URBAN LANE CLOSURE,
2L, 2W, UNDIVIDED**

STANDARD 701501-06

MODEL: Default
FILE NAME: 027-SHT-DOE_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

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		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

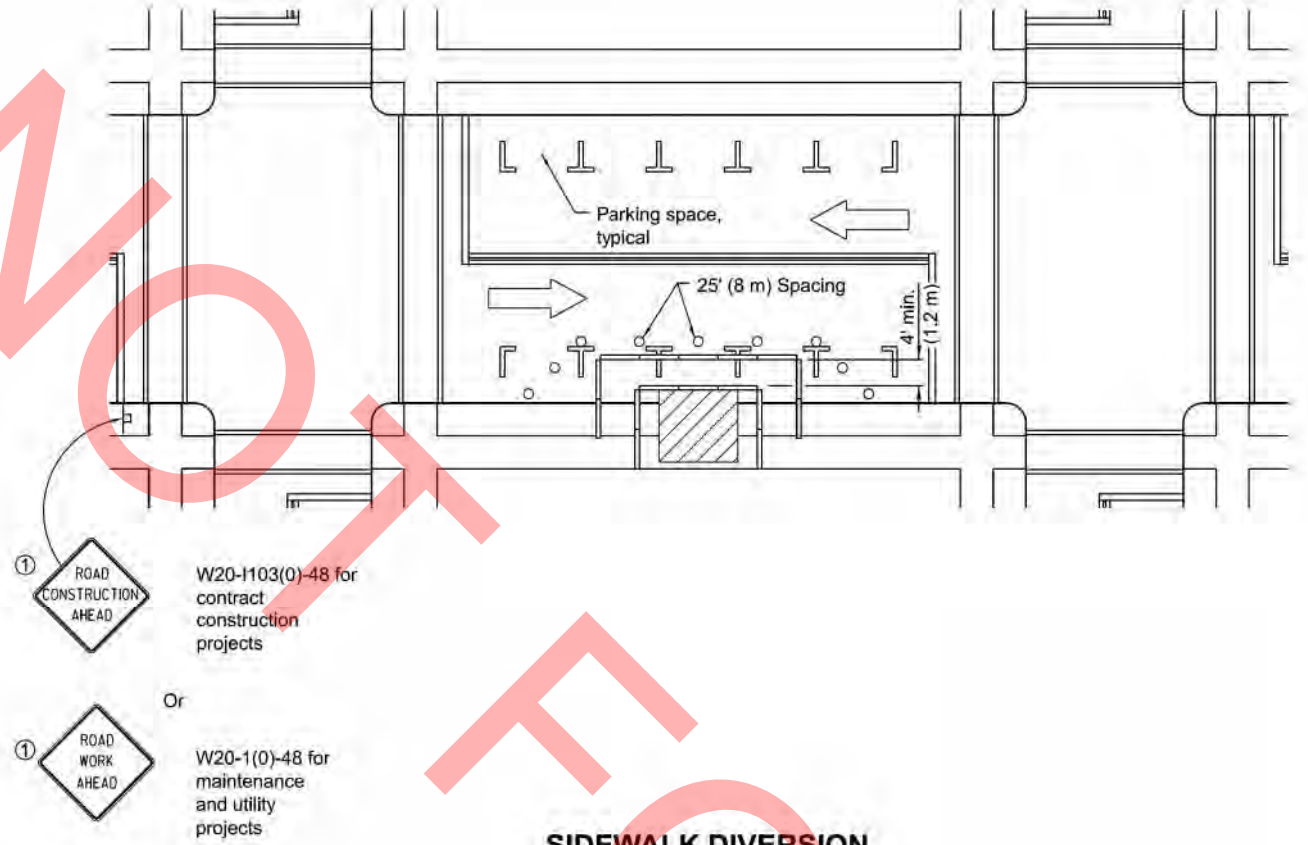
**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 26 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	56
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

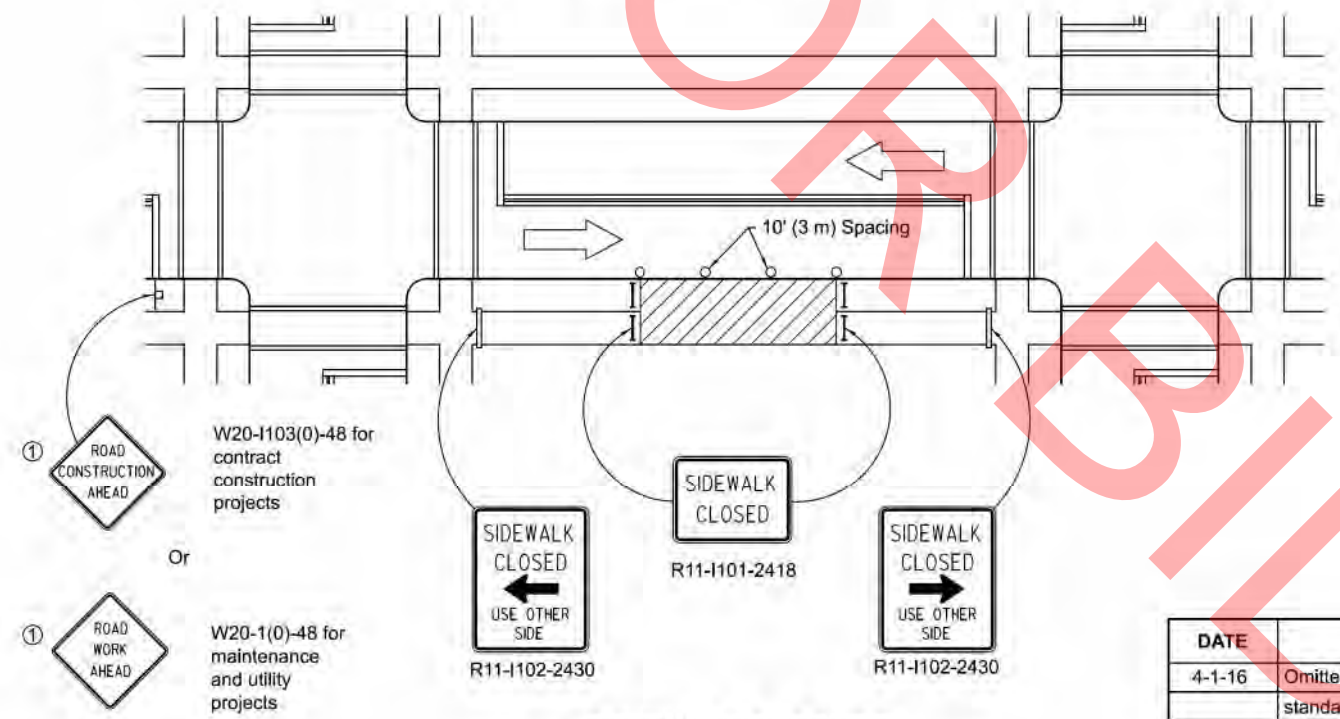
NOT FOR CONSTRUCTION



SIDEWALK DIVERSION

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



SIDEWALK CLOSURE

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

Illinois Department of Transportation

APPROVED January 1, 2016

 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2016

 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the standard spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Standard.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

MODEL: Default
 FILE NAME: 027-SHT-DOE_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

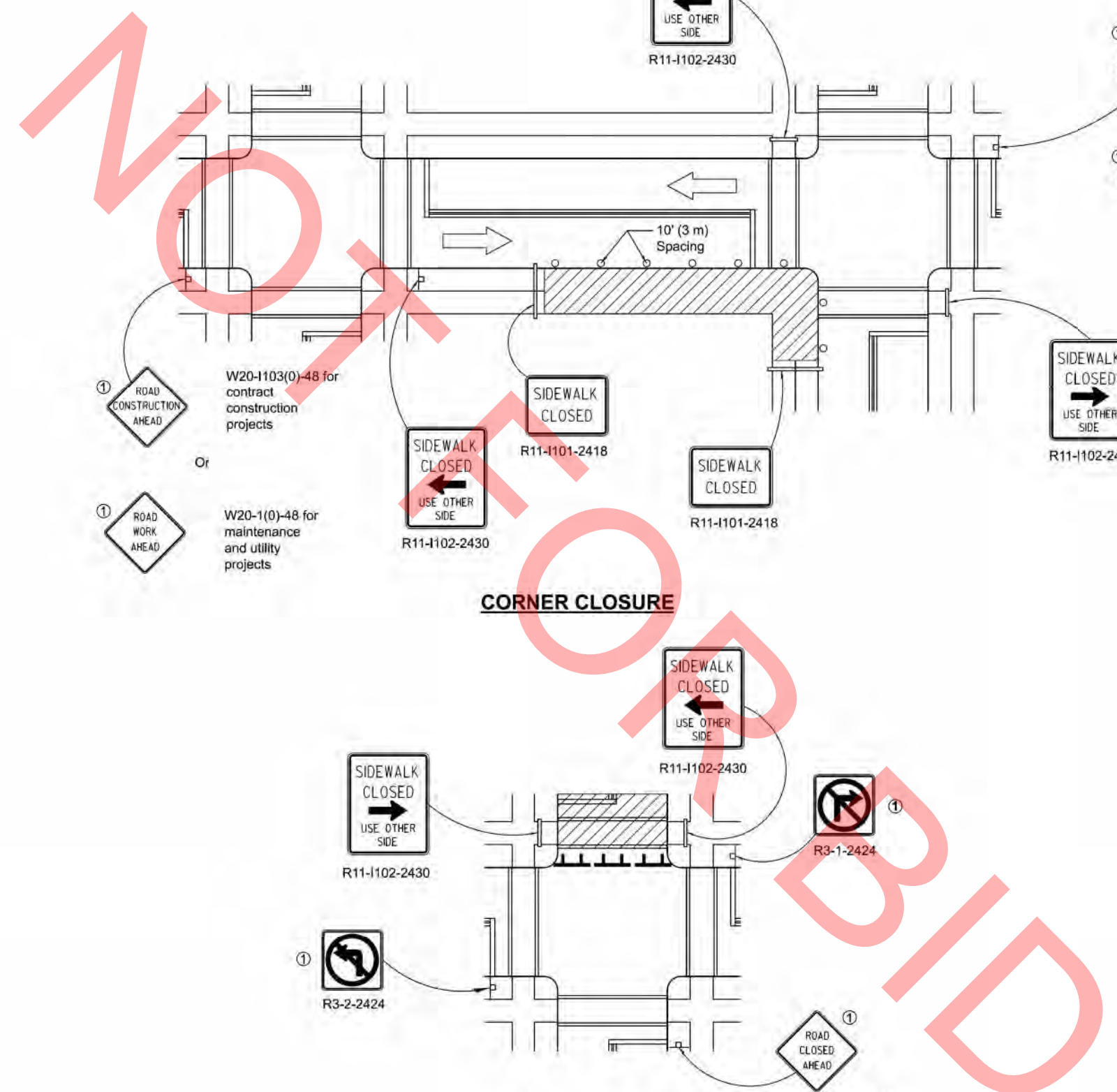
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		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 27 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	57
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



Illinois Department of Transportation

APPROVED January 1, 2016
[Signature]
 ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2016
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

SIDEWALK, CORNER OR CROSSWALK CLOSURE
 (Sheet 2 of 2)

STANDARD 701801-06

MODEL: Default
 FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

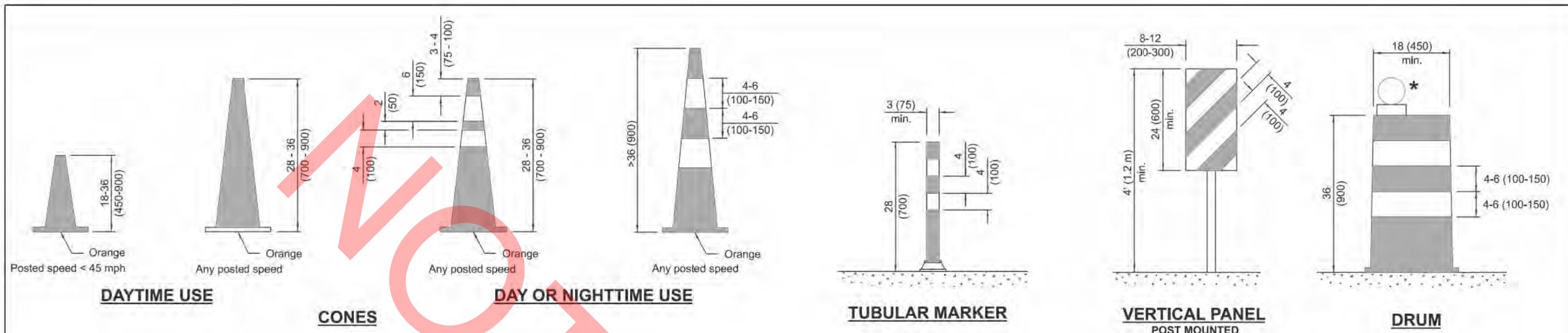
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		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 28 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	58
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



DAYTIME USE

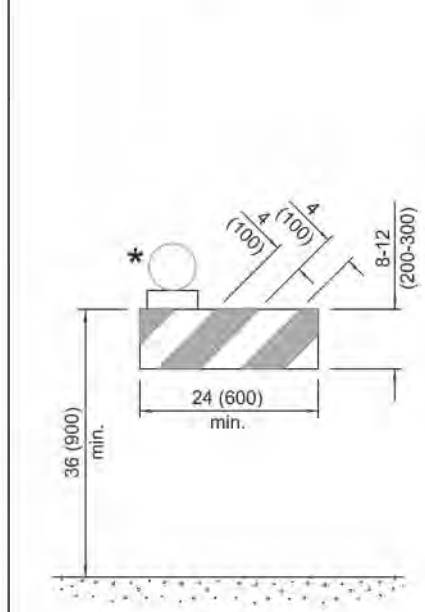
CONES

DAY OR NIGHTTIME USE

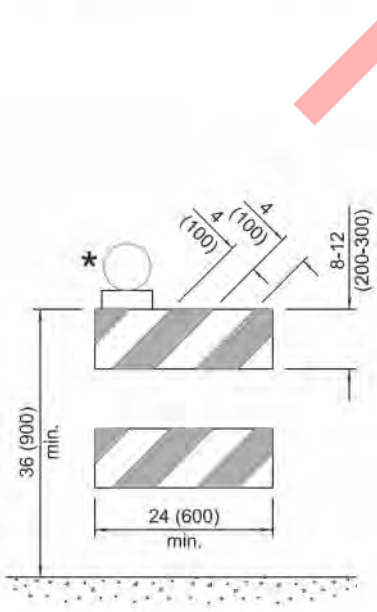
TUBULAR MARKER

VERTICAL PANEL POST MOUNTED

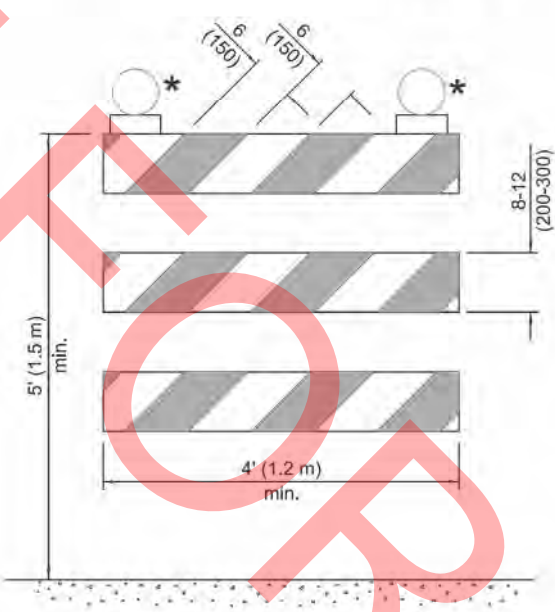
DRUM



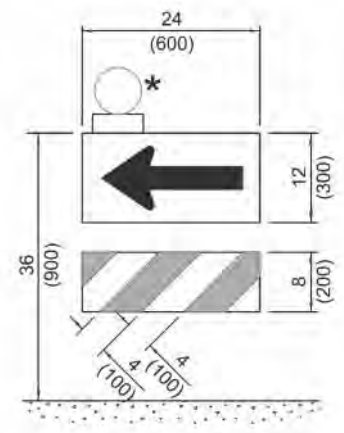
TYPE I BARRICADE



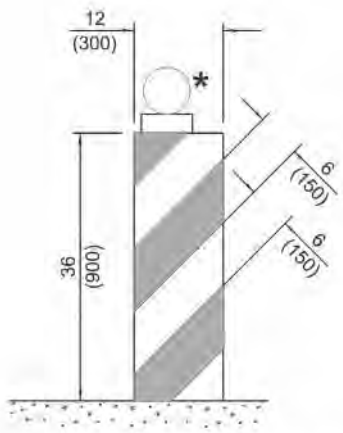
TYPE II BARRICADE



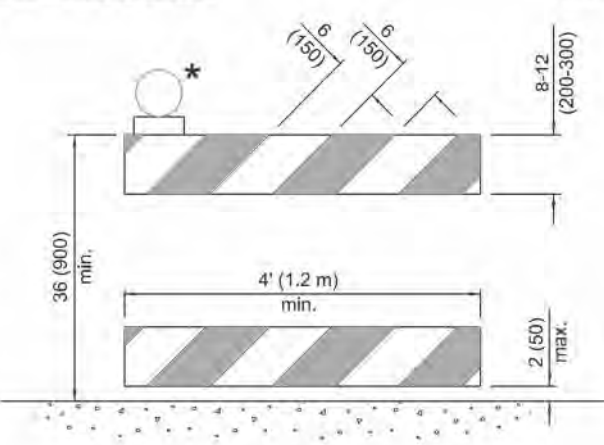
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

Illinois Department of Transportation

APPROVED January 1, 2025
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-25	Updated Temporary Rumble Strip Detail (sht. 3).
1-1-24	Revised Type III Barricade notes (sht. 3) & moved warning light on post mounted signs to top center.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-10

MODEL: Default
FILE NAME: 027-SHT-DOE_Hwy_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

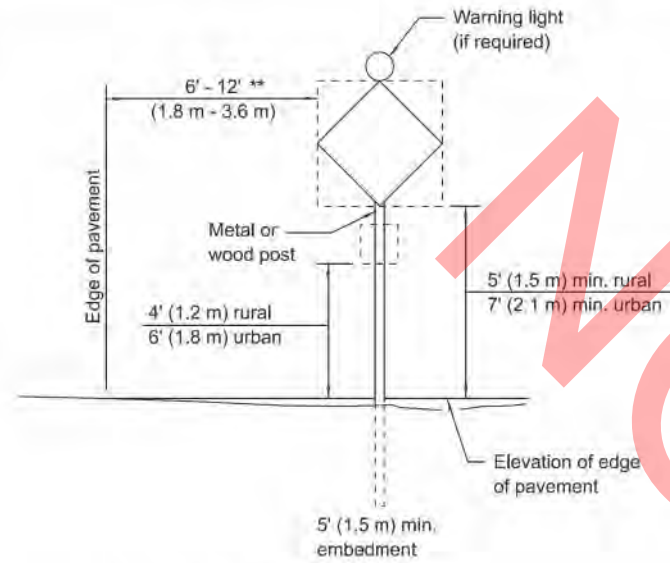
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

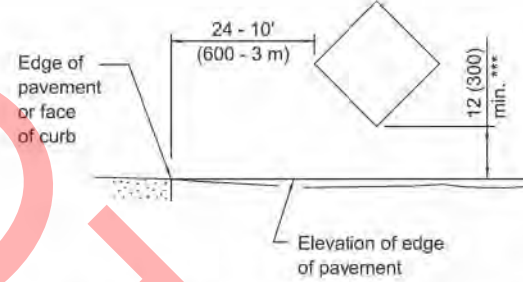
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	59
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



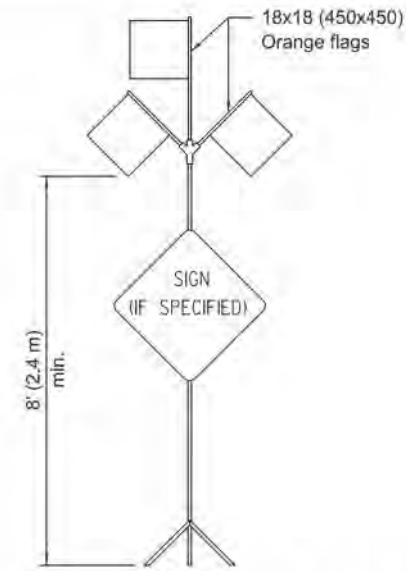
POST MOUNTED SIGNS

** When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

*** When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.



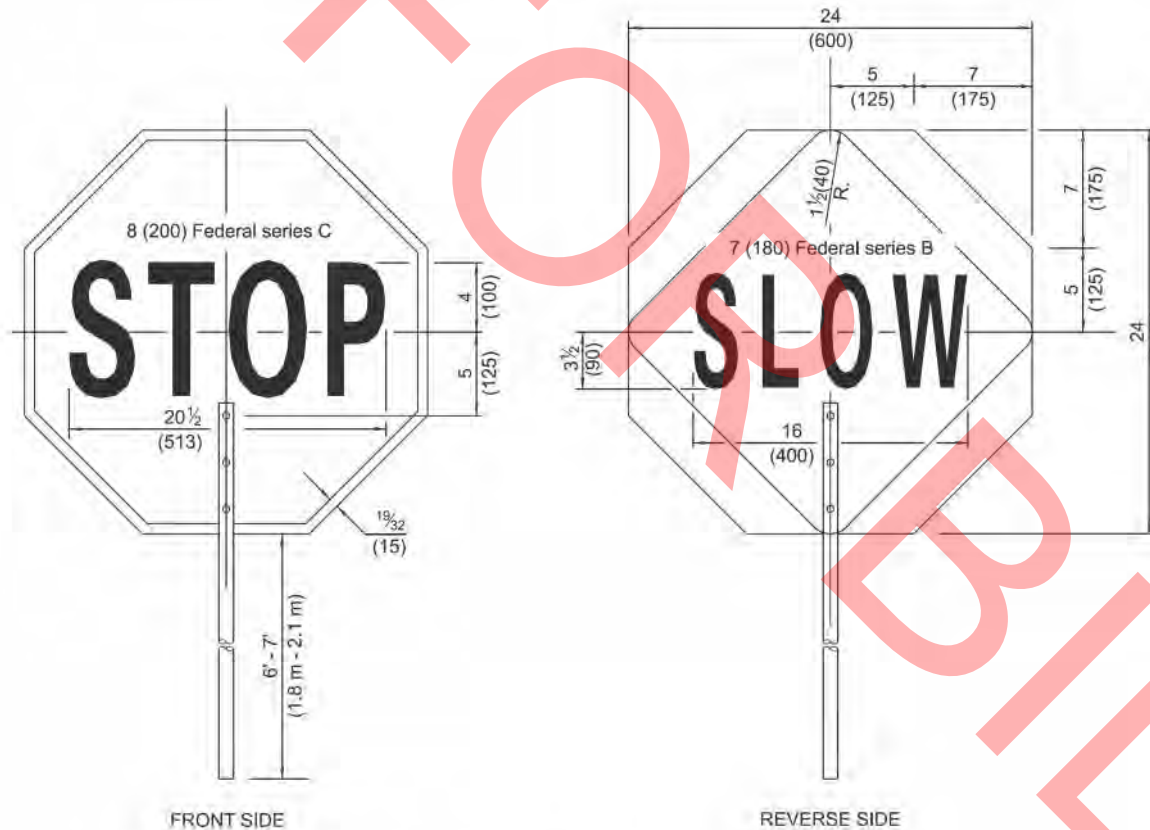
HIGH LEVEL WARNING DEVICE



W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FLAGGER TRAFFIC CONTROL SIGN

ROAD CONSTRUCTION NEXT X MILES	END CONSTRUCTION
G20-1104(0)-6036	G20-1105(0)-6024

This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING

WORK ZONE	W21-1115(0)-3618
SPEED LIMIT XX	R2-1-3648
PHOTO ENFORCED	R10-1108p-3618 ****
\$XXX FINE MINIMUM	R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.

END WORK ZONE SPEED LIMIT	G20-1103-6036
---------------------------	---------------

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

**** R10-1108p shall only be used along roadways under the jurisdiction of the State.

Illinois Department of Transportation	
APPROVED January 1, 2025	ISSUED 1-1-13
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED January 1, 2025	ISSUED 1-1-13
ENGINEER OF DESIGN AND ENVIRONMENT	

TRAFFIC CONTROL DEVICES	
(Sheet 2 of 3)	
STANDARD 701901-10	

MODEL: Default FILE NAME: 027-SHT-DOE_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

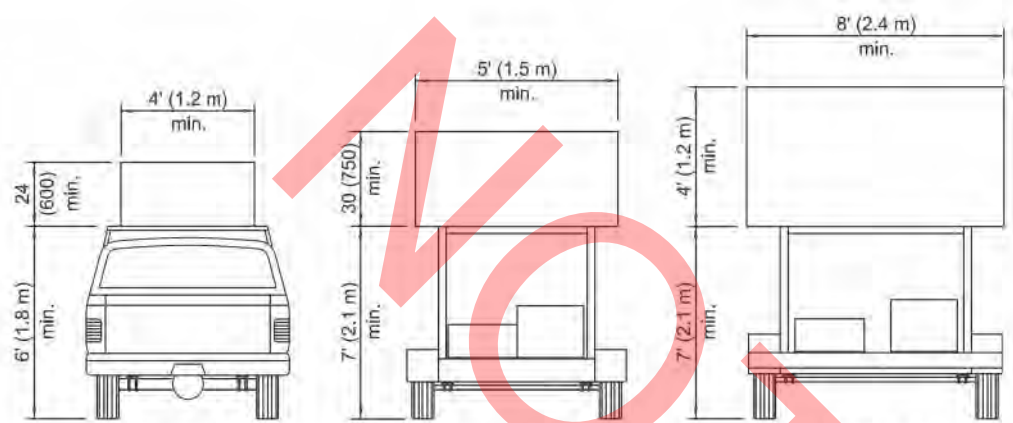
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	DRAWN - MRQ	REVISED -
	CHECKED - EAD	REVISED -
PLOT DATE = 8/12/2025	DATE - 08/04/2025	REVISED -

VILLAGE OF VILLA PARK ENGINEERING DIVISION

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 30 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	60
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

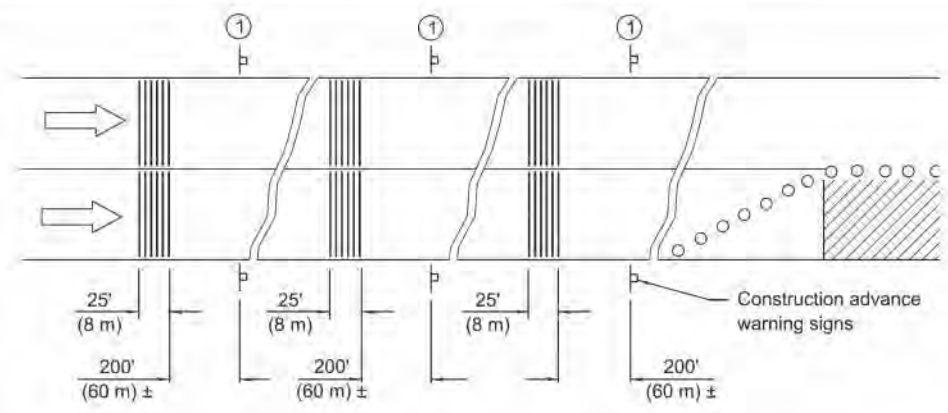


**TYPE A
ROOF
MOUNTED**

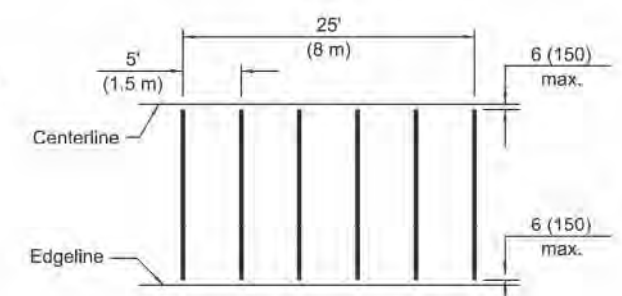
**TYPE B
ROOF OR TRAILER
MOUNTED**

**TYPE C
TRAILER
MOUNTED**

ARROW BOARDS

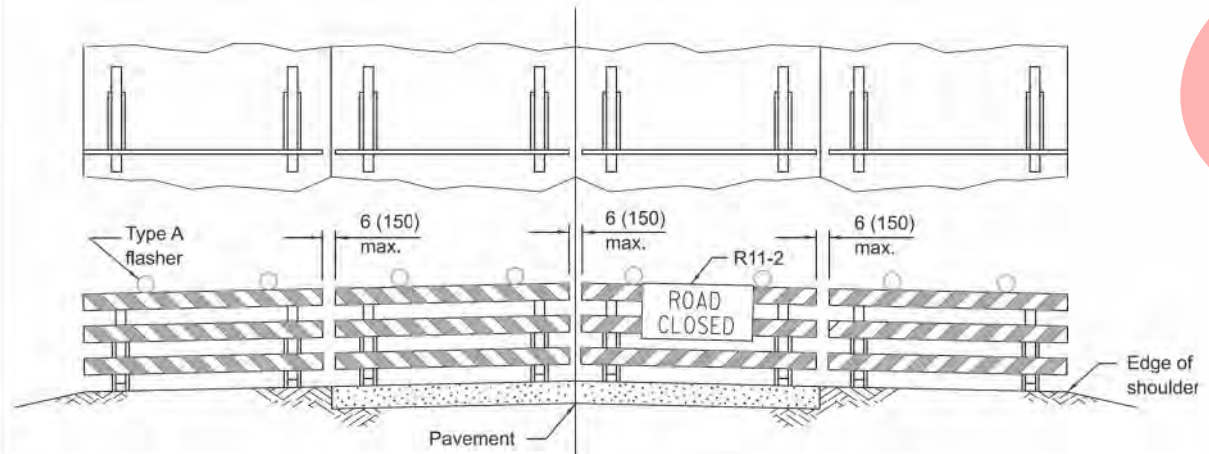


① This sign shall be omitted when median width is less than 10' (3 m).



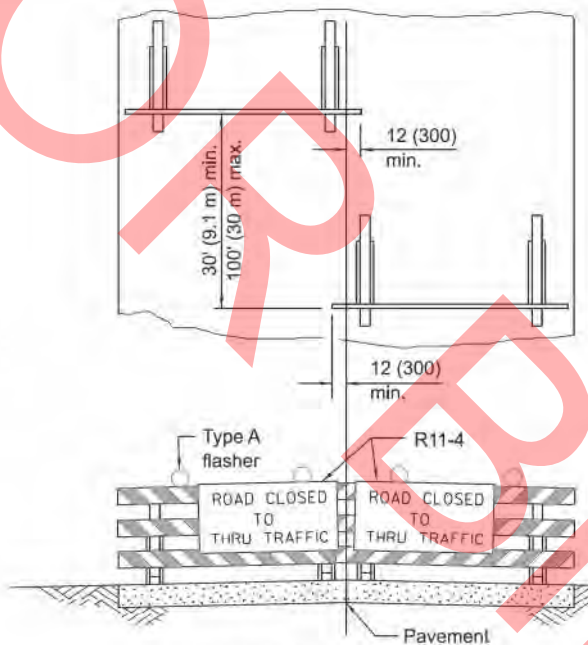
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades.

**TYPICAL APPLICATIONS OF
TYPE III BARRICADES CLOSING A ROAD**

If a Type III barricade with an attached sign panel which meets NCHRP 350 or MASH is not available, the sign may be mounted on an NCHRP 350 or MASH temporary sign support directly in front of the barricade.

**TRAFFIC CONTROL
DEVICES**

(Sheet 3 of 3)

STANDARD 701901-10

APPROVED	January 1, 2025
ENGINEER OF SAFETY PROG. AND ENGINEERING	
APPROVED	January 1, 2025
ENGINEER OF DESIGN AND ENVIRONMENT	
ISSUED	1-1-13

MODEL: Default
FILE NAME: 027-SHT-IDOT_HWY_STDS-01_DETAIL.S.dgn

TRANSYSTEMS

USER NAME =	mrquinn	DESIGNED -	MRQ	REVISED -	
		DRAWN -	MRQ	REVISED -	
		CHECKED -	EAD	REVISED -	
PLOT DATE =	8/12/2025	DATE -	08/04/2025	REVISED -	

**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARD DETAILS

SCALE: NONE SHEET 31 OF 31 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	25-00104-00-R5	DUPAGE	61	61
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				