

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DIVISION STREET, ELM STREET AND WISCONSIN AVENUE

PREPARED FOR:
VILLAGE OF VILLA PARK

PLANS FOR PROPOSED ROADWAY RESURFACING IMPROVEMENT

USING REBUILD ILLINOIS BOND FUNDS

DIVISION STREET – WESTMORE AVENUE TO ADDISON ROAD
ELM STREET – WESTMORE AVENUE TO ADDISON ROAD
WISCONSIN AVENUE – ST. CHARLES ROAD TO DIVISION STREET

ROADWAY RESURFACING PLANS
SECTION 22-00101-00-RS
VILLAGE OF VILLA PARK

POSTED SPEED

25 MPH (EXISTING)

DESIGN SPEED

30 MPH (EXISTING)

IMPROVEMENT BEGINS
DIVISION STREET
STATION 100+00

IMPROVEMENT ENDS
ELM STREET
STATION 212+43.12

IMPROVEMENT BEGINS
ELM STREET
STATION 200+00

IMPROVEMENT ENDS
DIVISION STREET
STATION 112+98.40

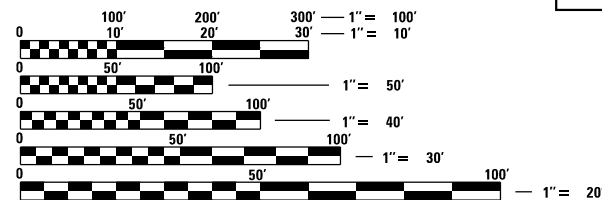
IMPROVEMENT ENDS
WISCONSIN AVENUE
STATION 316+91.74

IMPROVEMENT BEGINS
WISCONSIN AVENUE
STATION 300+00

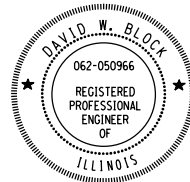


LOCATION MAP

NOT TO SCALE



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.



David W. Block

DAVID W. BLOCK, P.E.
NO. 062-050966
EXP. DATE 11/30/23

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

DIVISION STREET GROSS AND NET LENGTH = 1,298.40 FEET (0.246 MILES)
ELM STREET GROSS AND NET LENGTH = 1,243.12 FEET (0.235 MILES)
WISCONSIN AVENUE GROSS AND NET LENGTH = 1,691.74 FEET (0.320 MILES)
GROSS AND NET LENGTH OF PROJECT = 4,233.26 FEET (0.801 MILES)

DESIGN CONSULTANT:

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

INDEX OF SHEETS

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11-12	ADA DETAILS
13-39	IDOT HIGHWAY STANDARDS
40-47	IDOT DISTRICT ONE STANDARD DETAILS

IDOT HIGHWAY STANDARD DETAILS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
442101-09	CLASS B PATCHES
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
604056-04	FRAME AND GRATE, TYPE 11V
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	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
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

IDOT DISTRICT ONE STANDARD DETAILS

BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINTS AND HMA TAPER
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TC-26	DRIVEWAY ENTRANCE SIGNING

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 OVERNIGHT UNLESS CONCRETE CURING IS TAKING PLACE. 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 SHALL BE CONSIDERED INCLUDED IN THE COSTS OF COMBINATION CURB AND GUTTER REMOVAL, SIDEWALK REMOVAL AND DRIVEWAY PAVEMENT REMOVAL.
- TEMPORARY INFORMATION SIGNING SHALL BE INSTALLED TWO (2) WEEKS PRIOR TO THE START OF CONSTRUCTION TO NOTIFY THE PUBLIC OF THE UPCOMING WORK.

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.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN IF NOT SHOWN ON THE PLANS. ALL UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- ALL UTILITY OWNERS AND THE ENGINEER SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL USE ALL NECESSARY PRECAUTIONS AND PROTECTION MEASURES REQUIRED TO MAINTAIN EXISTING UTILITIES, SEWERS, AND APPURTENANCES THAT MUST BE KEPT IN OPERATION.
- 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.

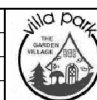
COMMITMENTS

NO COMMITMENTS

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**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

INDEX OF SHEETS, HIGHWAY STANDARDS AND GENERAL NOTES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		ILLINOIS		

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ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
1	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	45
* 2	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	141
*/** 3	SODDING, SALT TOLERANT	SQ YD	141
** 4	INLET FILTERS	EACH	47
** 5	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	41
6	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	306
** 7	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,723
8	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	302
9	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	18
10	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	478
11	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	971
12	PROTECTIVE COAT	SQ YD	230
13	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	677
** 14	DETECTABLE WARNINGS	SQ FT	72
15	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	11,240
** 16	DRIVEWAY PAVEMENT REMOVAL	SQ YD	24
** 17	COMBINATION CURB AND GUTTER REMOVAL	FOOT	689
** 18	SIDEWALK REMOVAL	SQ FT	660
19	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 1"	SQ YD	304
** 20	CLASS B PATCHES, 6 INCH	SQ YD	304
** 21	CLASS D PATCHES, 6 INCH	SQ YD	822
22	LIDS, TYPE 1, CLOSED LID	EACH	6
23	CONCRETE CURB, TYPE B	FOOT	45
24	NON-SPECIAL WASTE DISPOSAL	CU YD	10
25	SOIL DISPOSAL ANALYSIS	EACH	2
26	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
27	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 28	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	219
* 29	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	664
* 30	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	96

* INDICATES SPECIALITY ITEMS
** INDICATES SPECIAL PROVISION

ITEM NUMBER	PAY ITEM	UNIT	TOTAL QUANTITY
* 31	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	219
** 32	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1
** 33	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	32
** 34	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	689
** 35	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 4"	SQ YD	24
** 36	DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)	EACH	8
** 37	DRAINAGE STRUCTURES TO BE ADJUSTED	EACH	4
** 38	TEMPORARY INFORMATION SIGNING	SQ FT	973

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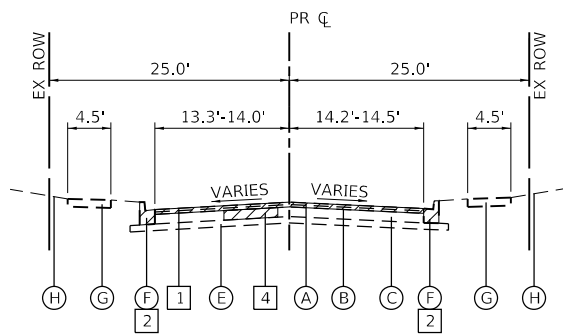


VILLAGE OF VILLA PARK
ENGINEERING DIVISION

SUMMARY OF QUANTITIES

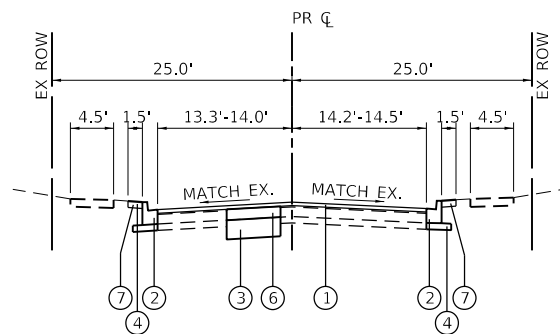
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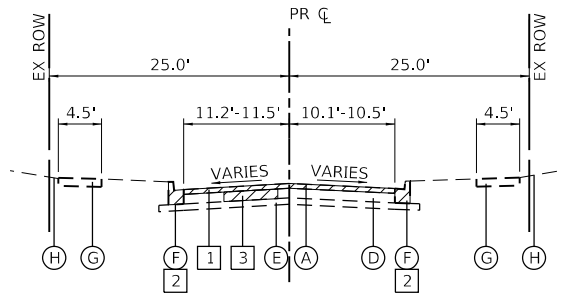
EXISTING TYPICAL SECTION

DIVISION STREET
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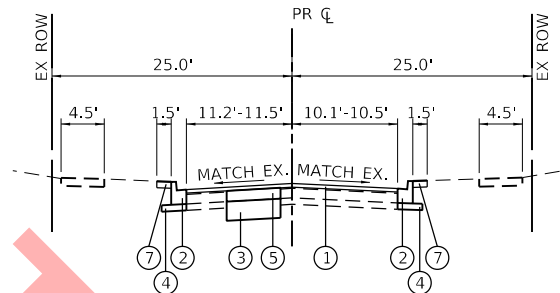
PROPOSED TYPICAL SECTION

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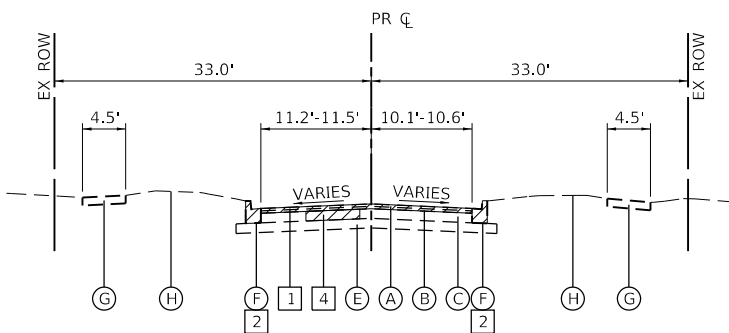
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ELM STREET
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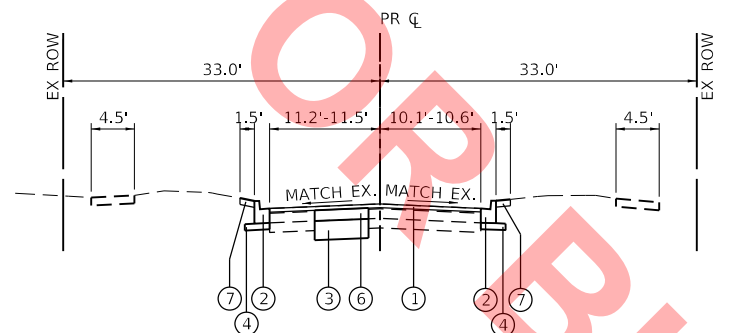
PROPOSED TYPICAL SECTION

ELM STREET
STA 200+00 TO STA 212+43.12



EXISTING TYPICAL SECTION

WISCONSIN AVENUE
STA 300+00 TO STA 316+91.74



PROPOSED TYPICAL SECTION

WISCONSIN AVENUE
STA 300+00 TO STA 316+91.74

EXISTING LEGEND

- (A) HMA SURFACE COURSE, 1 1/2" OR 2" (ELM STREET)
- (B) HMA BINDER COURSE, 1"
- (C) HMA BASE COURSE, 4"
- (D) PCC BASE COURSE, 6"
- (E) AGG BASE COURSE
- (F) COMB CONCRETE CURB AND GUTTER, TYPE B6.12
- (G) PCC SIDEWALK
- (H) GROUND

REMOVAL LEGEND

- [1] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 - [2] COMBINATION CURB AND GUTTER REMOVAL
 - [3] CLASS B PATCHES, 6 INCH (TYPE AND LOCATION AS DIRECTED BY ENGINEER) (SEE NOTE)
 - [4] CLASS D PATCHES, 6 INCH (TYPE AND LOCATION AS DIRECTED BY ENGINEER) (SEE NOTE)
- 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, 3/4"
- (2) COMBINATION CONCRETE CURB & GUTTER, TY B-6.12
- (3) AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)
- (4) AGGREGATE BASE COURSE, TYPE B 4"
- (5) CLASS B PATCHES, 6 INCH (AS DIRECTED BY THE ENGINEER) (SEE NOTE)
- (6) CLASS D PATCHES, 6 INCH (AS DIRECTED BY THE ENGINEER) (SEE NOTE)
- (7) TOPSOIL FURNISH AND PLACE 4", SODDING, SALT TOLERANT, & FERTILIZER NUTRIENTS

NOTE: SEE DISTRICT DETAIL BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT ON SHEET 41. THIS DETAIL SHALL BE USED FOR ALL PATCHING ON THIS PROJECT INCLUDING CLASS B PATCHES.

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, 3/4"	3.5% @ 50 GYR.	QC/QA
PAVEMENT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 70 GYR.	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0 mm)	4% @ 70 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 - 6"	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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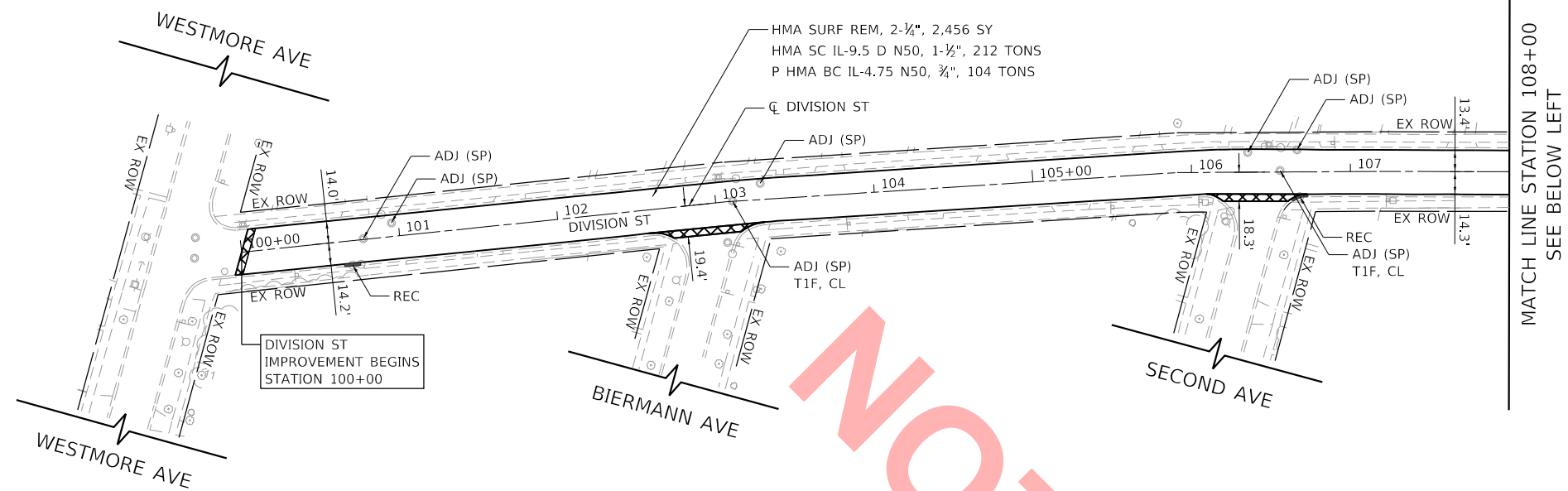
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**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

TYPICAL SECTIONS
SCALE: NTS SHEET 1 OF 1 SHEETS STA. NA TO STA. NA

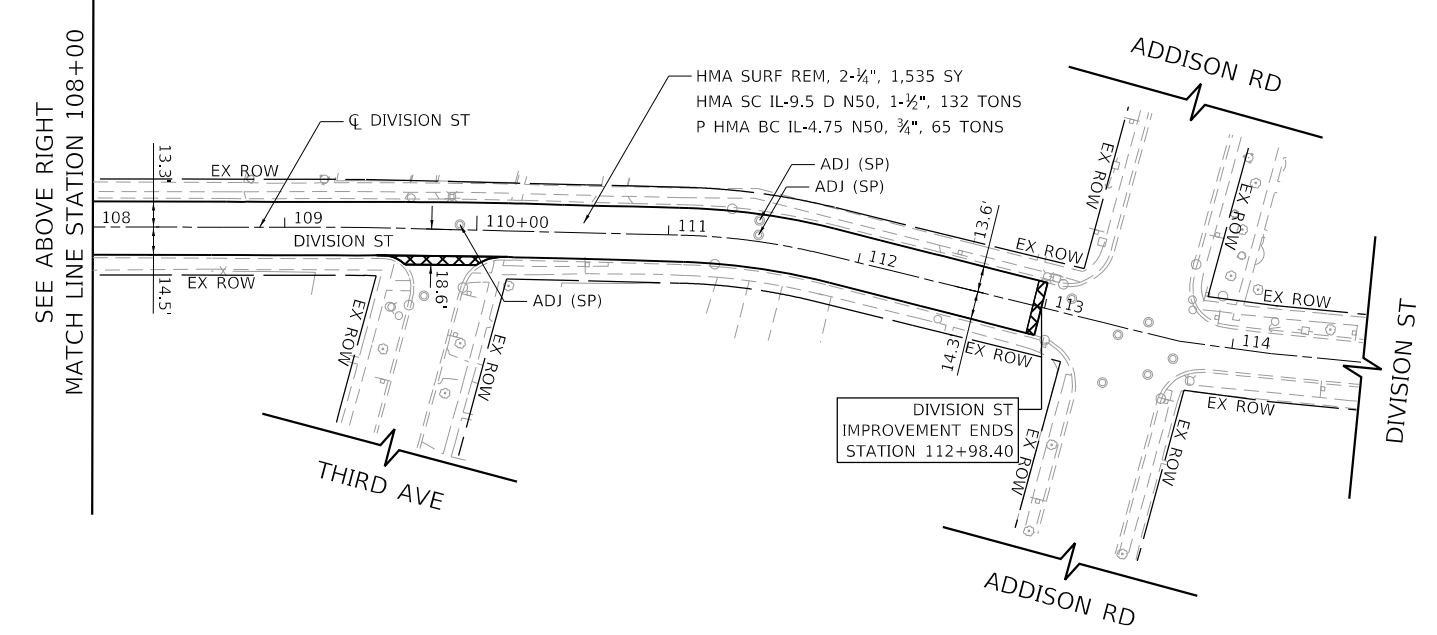
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	22-00101-00-RS	DUPAGE	47	4



LEGEND

- ADJ (SP) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- T1F, CL NEW TYPE 1 FRAME, CLOSED LID (SAME AS EXISTING)
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)
- HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
- COMB CURB AND GUTTER REM
COMB CONC C&G, TY B-6.12
AGG BASE CSE

NOT FOR BID



NOTES

1. 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 SHALL BE CONSIDERED INCLUDED IN THE COSTS OF COMBINATION CURB AND GUTTER REMOVAL, SIDEWALK REMOVAL AND DRIVEWAY PAVEMENT REMOVAL.



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**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**



**DIVISION STREET RESURFACING
ROADWAY PLAN IMPROVEMENTS**

SCALE: 1"=50' SHEET 1 OF 3 SHEETS STA. 100+00 TO STA. 114+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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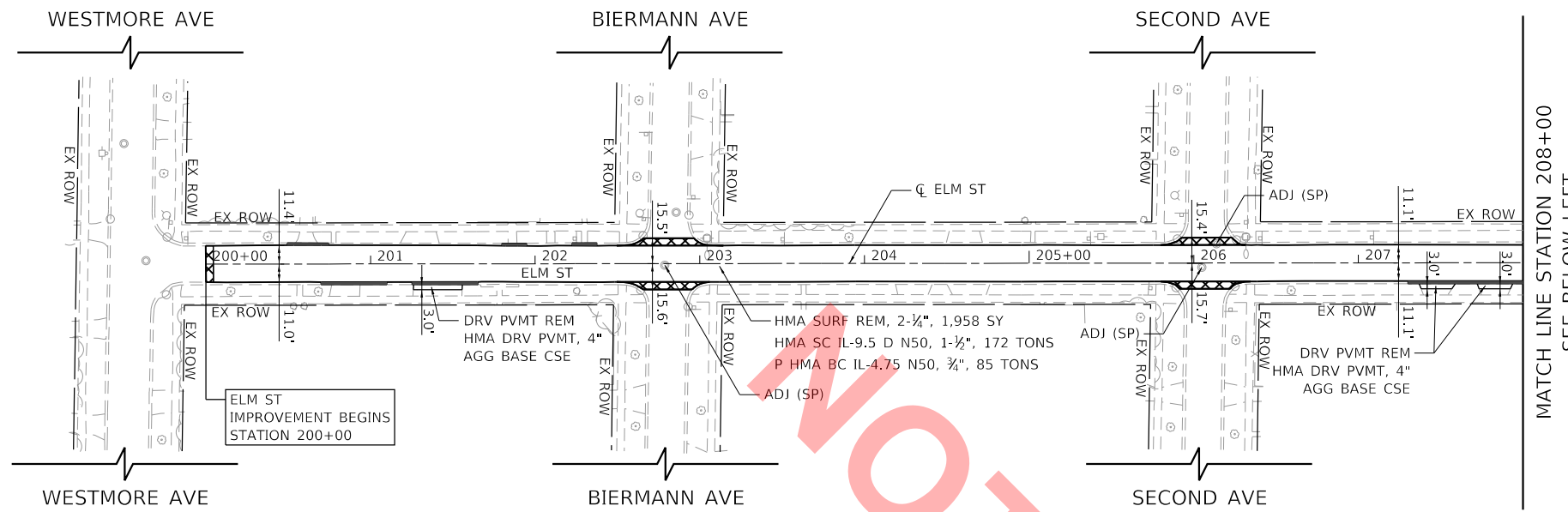


LEGEND

- ADJ (SP) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- T1F, CL NEW TYPE 1 FRAME, CLOSED LID (SAME AS EXISTING)
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  COMB CURB AND GUTTER REM
COMB CONC C&G, TY B-6.12
AGG BASE CSE

NOTES

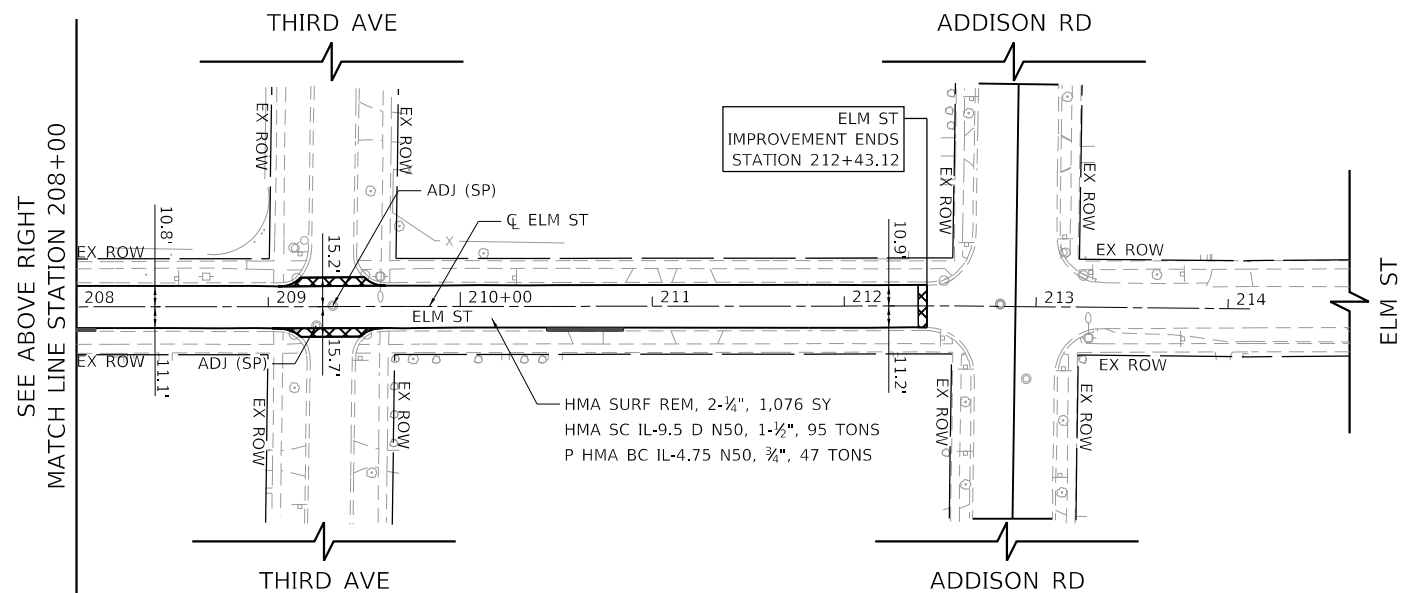
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MATCH LINE STATION 208+00
SEE BELOW LEFT

ELM ST
IMPROVEMENT BEGINS
STATION 200+00

ELM ST
IMPROVEMENT ENDS
STATION 212+43.12



SEE ABOVE RIGHT
MATCH LINE STATION 208+00

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VILLAGE OF VILLA PARK
ENGINEERING DIVISION



**ELM STREET RESURFACING
ROADWAY PLAN IMPROVEMENTS**

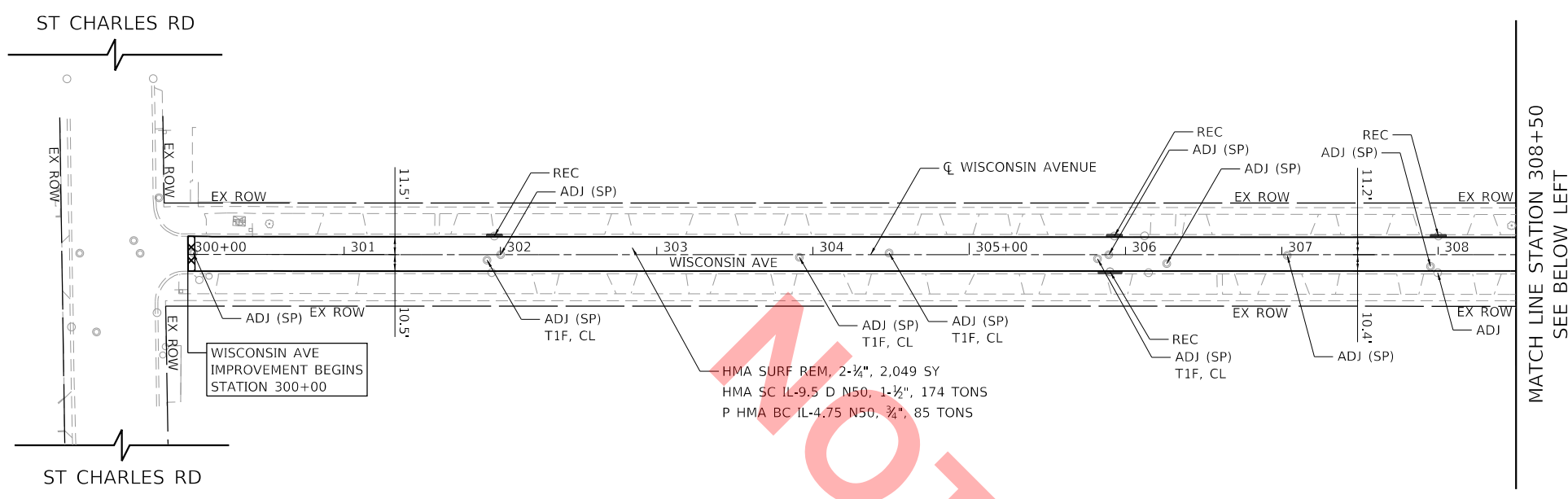
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



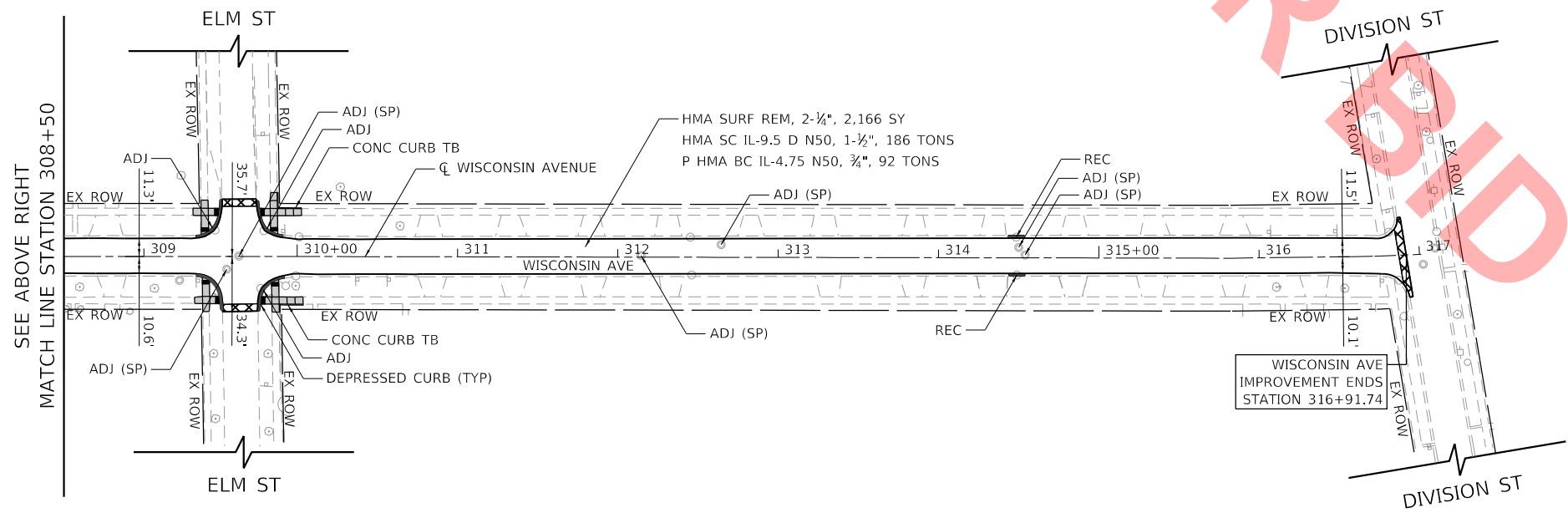
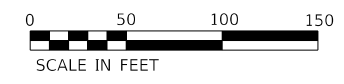
LEGEND

- ADJ (SP) FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)
- T1F, CL NEW TYPE 1 FRAME, CLOSED LID (SAME AS EXISTING)
- ADJ DRAINAGE STRUCTURE TO BE ADJUSTED
- REC DRAINAGE STRUCTURE RECONSTRUCTION (SPECIAL)
-  HMA SURFACE REMOVAL - BUTT JOINT 4.5' (TYP)
-  COMB CURB AND GUTTER REM
COMB CONC C&G, TY B-6.12
AGG BASE CSE



NOTES

1. 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 SHALL BE CONSIDERED INCLUDED IN THE COSTS OF COMBINATION CURB AND GUTTER REMOVAL, SIDEWALK REMOVAL AND DRIVEWAY PAVEMENT REMOVAL.
2. SEE ADA DETAILS FOR SIDEWALK ELEVATIONS AND DETECTABLE WARNINGS.
3. CLOSE AND CONSTRUCT ADA RAMP AT THE WISCONSIN AVENUE AND ELM STREET INTERSECTION ONLY ONE CORNER AT A TIME TO ALLOW PEDESTRIAN ACCESS ON THE OTHER THREE CORNERS THROUGH THE INTERSECTION.



MODEL: Default
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PLOT DATE	= 8/2/2022

DESIGNED	- CEC
DRAWN	- NRH
CHECKED	- DWB
DATE	- 08-03-22

REVISED	-
REVISED	-
REVISED	-
REVISED	-



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

**WISCONSIN AVENUE RESURFACING
ROADWAY PLAN IMPROVEMENTS**

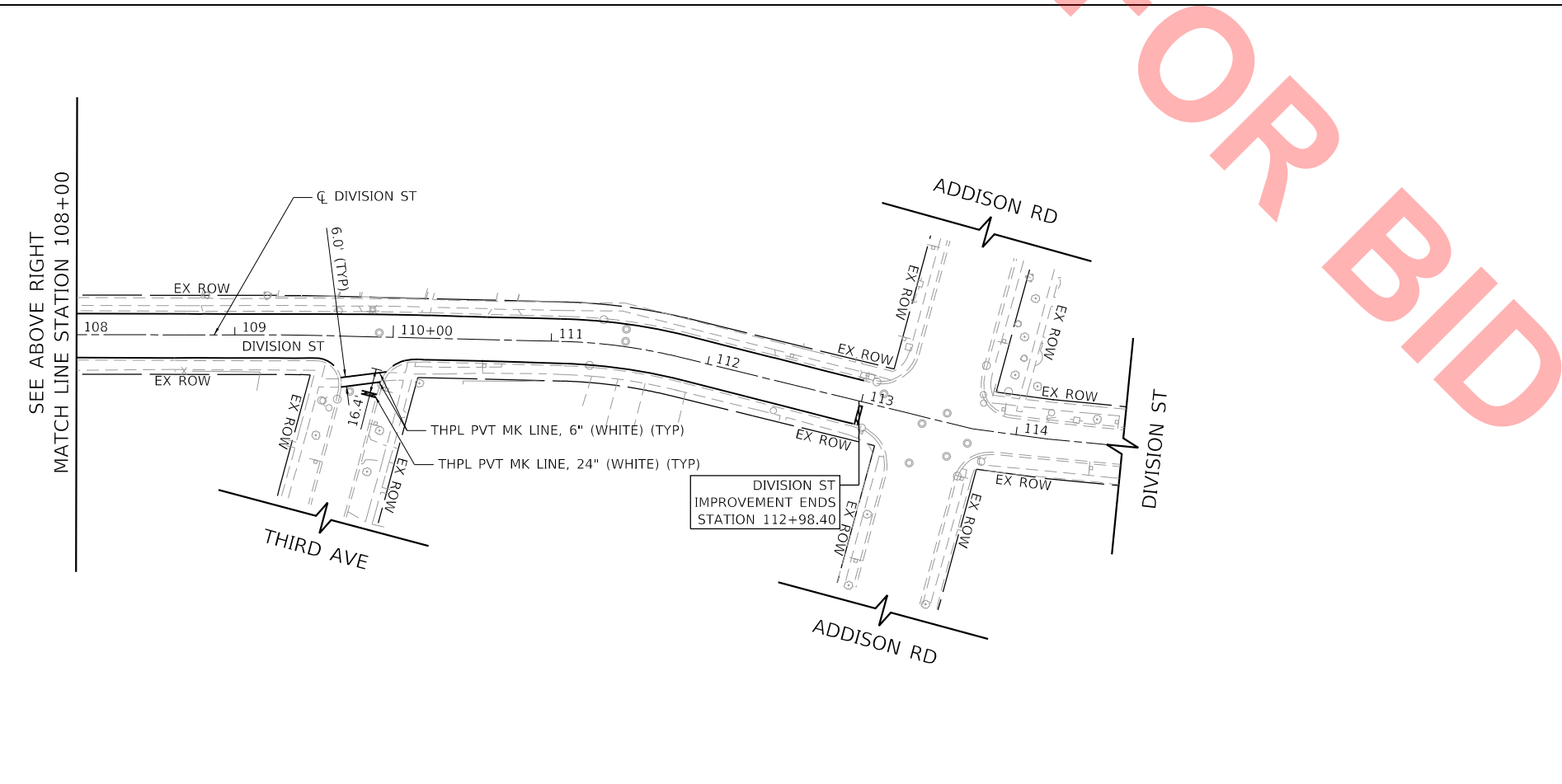
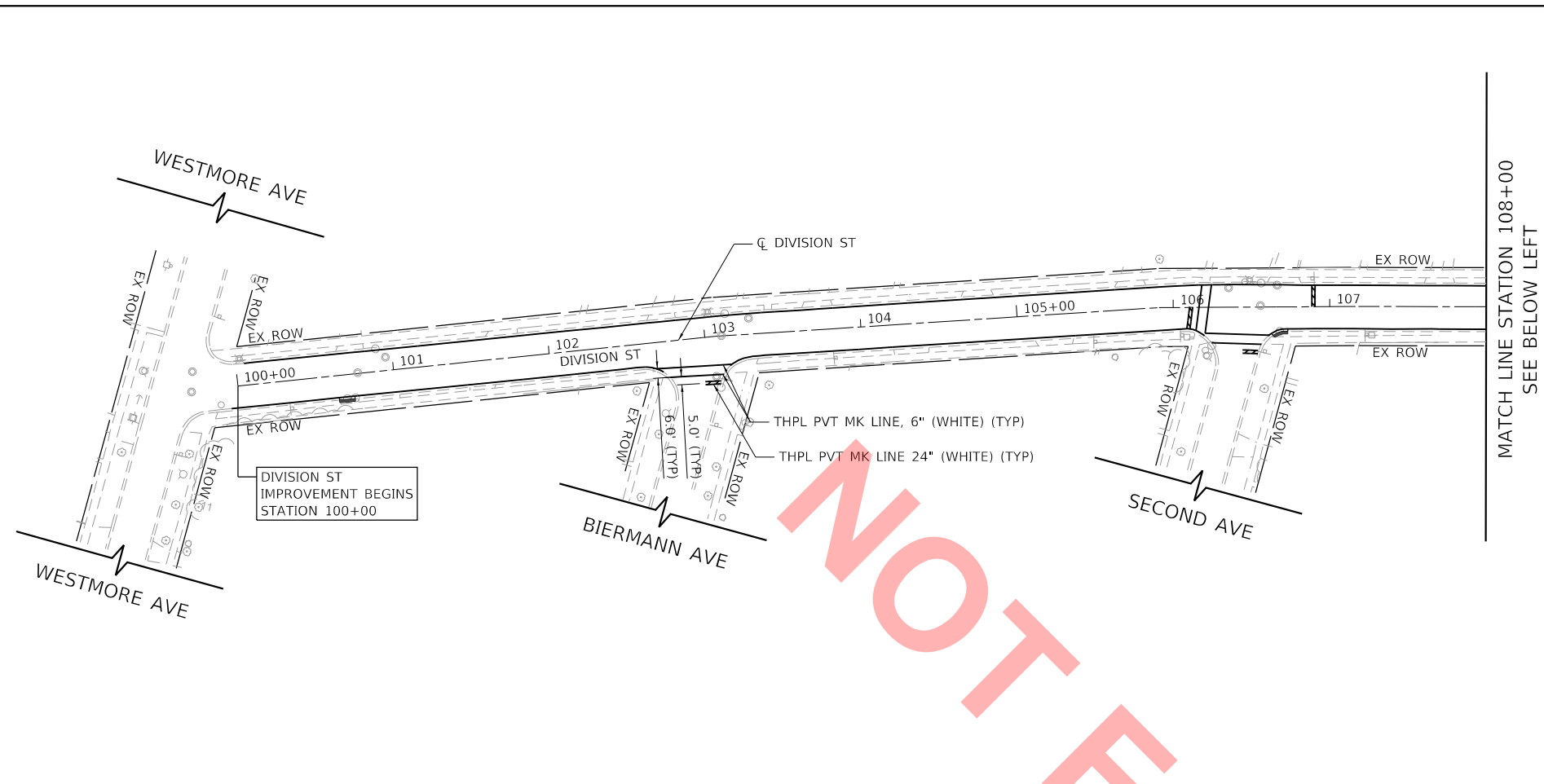
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LEGEND

TOPSOIL F & P 4",
SODDING, SALT TOLERANT (SPECIAL)
& FERTILIZER NUTRIENTS



MODEL: Default
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 PLOT DATE = 8/2/2022

DESIGNED - CEC
 DRAWN - NRH
 CHECKED - DWB
 DATE - 08-03-22

REVISED -
 REVISED -
 REVISED -
 REVISED -



**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

**DIVISION STREET RESURFACING
 PAVEMENT MARKING AND LANDSCAPING PLAN**

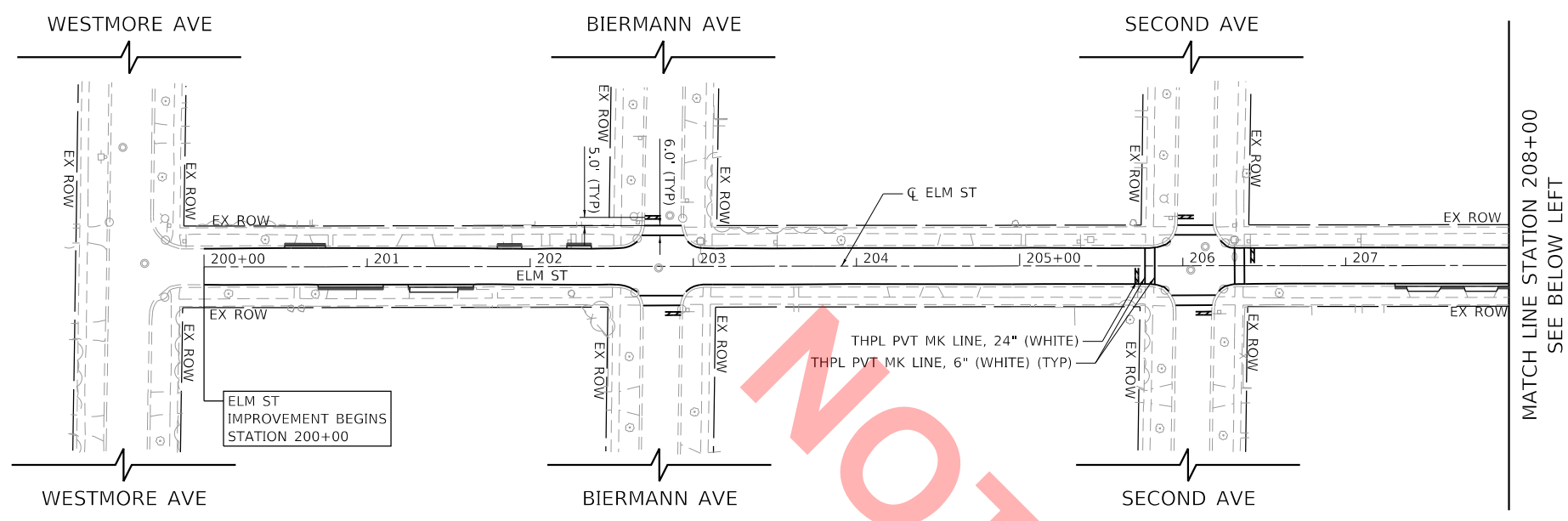
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



LEGEND

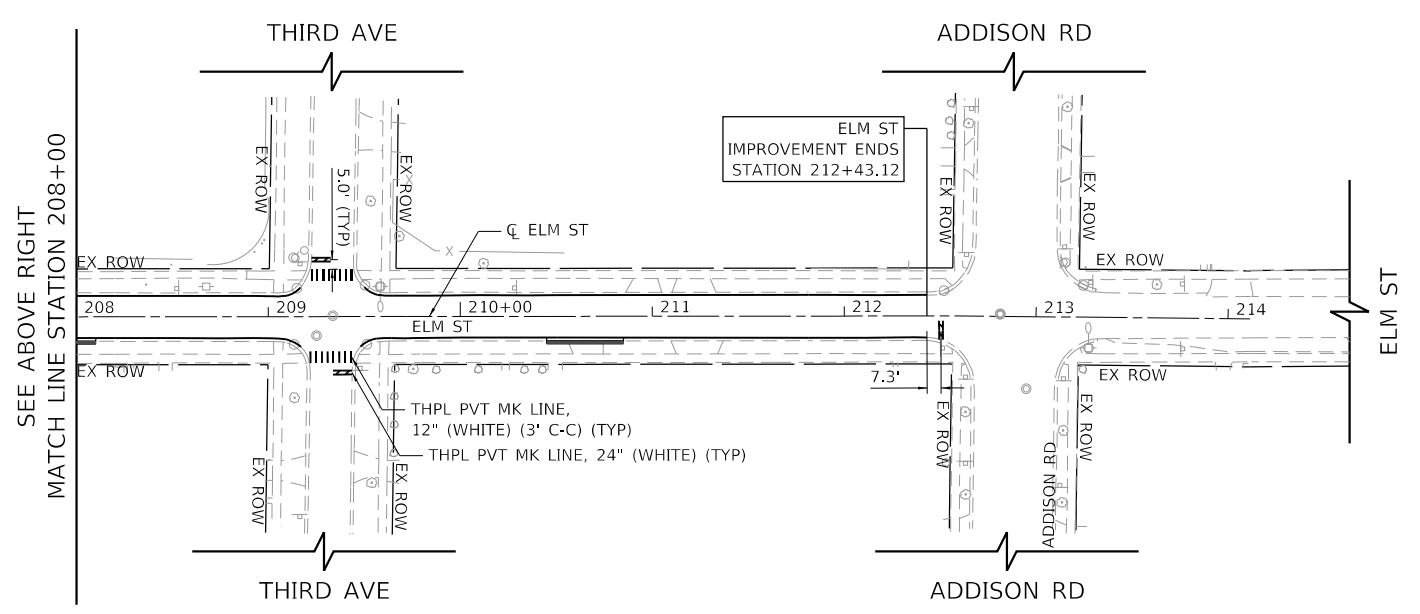
TOPSOIL F & P 4",
SODDING, SALT TOLERANT (SPECIAL)
& FERTILIZER NUTRIENTS



MATCH LINE STATION 208+00
SEE BELOW LEFT

ELM ST
IMPROVEMENT BEGINS
STATION 200+00

NOT FOR BID



SEE ABOVE RIGHT
MATCH LINE STATION 208+00

ELM ST
IMPROVEMENT ENDS
STATION 212+43.12



MODEL: Default
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DESIGNED	- CEC
DRAWN	- NRH
CHECKED	- DWB
DATE	- 08-03-22

REVISED	-
REVISED	-
REVISED	-
REVISED	-



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

**ELM STREET RESURFACING
PAVEMENT MARKING AND LANDSCAPING PLAN**

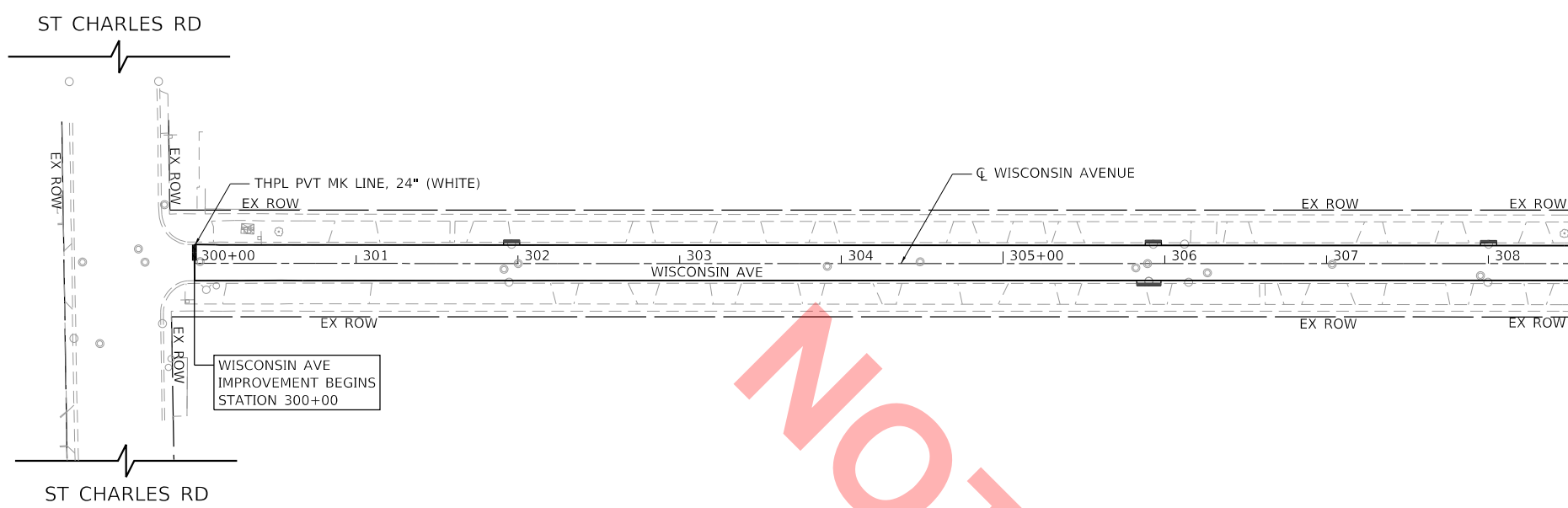
SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 200+00 TO STA. 214+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	9
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

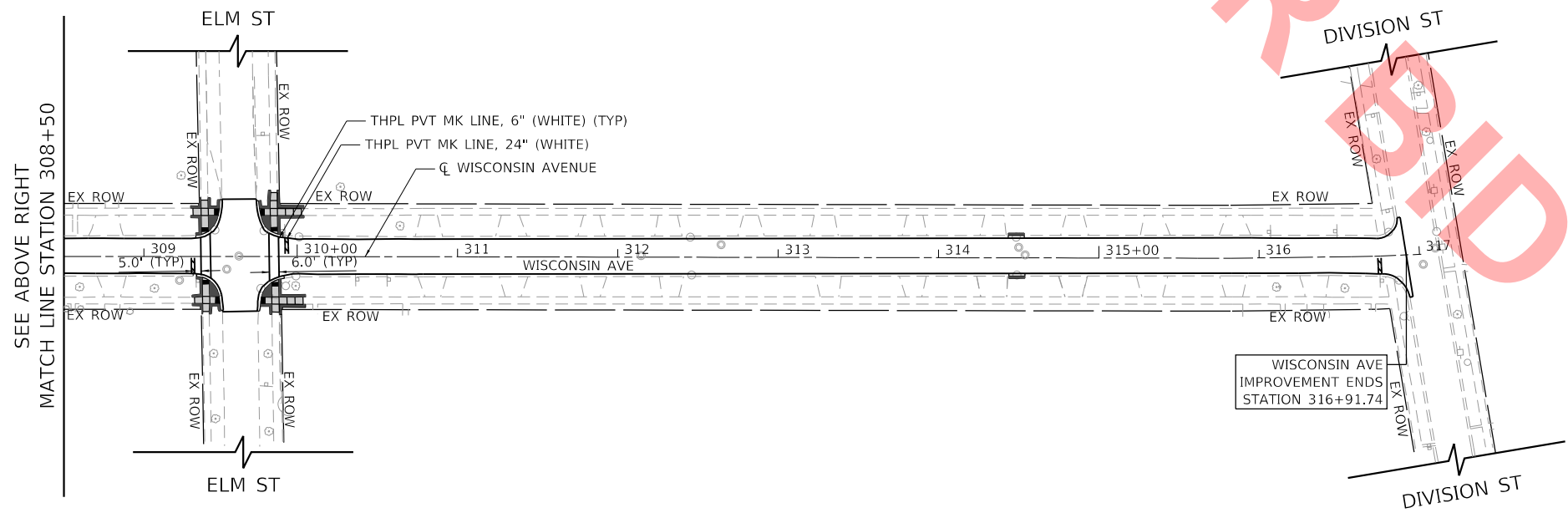


LEGEND

TOPSOIL F & P 4",
SODDING, SALT TOLERANT (SPECIAL)
& FERTILIZER NUTRIENTS



MATCH LINE STATION 308+50
SEE BELOW LEFT



MATCH LINE STATION 308+50
SEE ABOVE RIGHT

WISCONSIN AVE
IMPROVEMENT ENDS
STATION 316+91.74

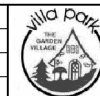
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REVISED	-
REVISED	-
REVISED	-
REVISED	-

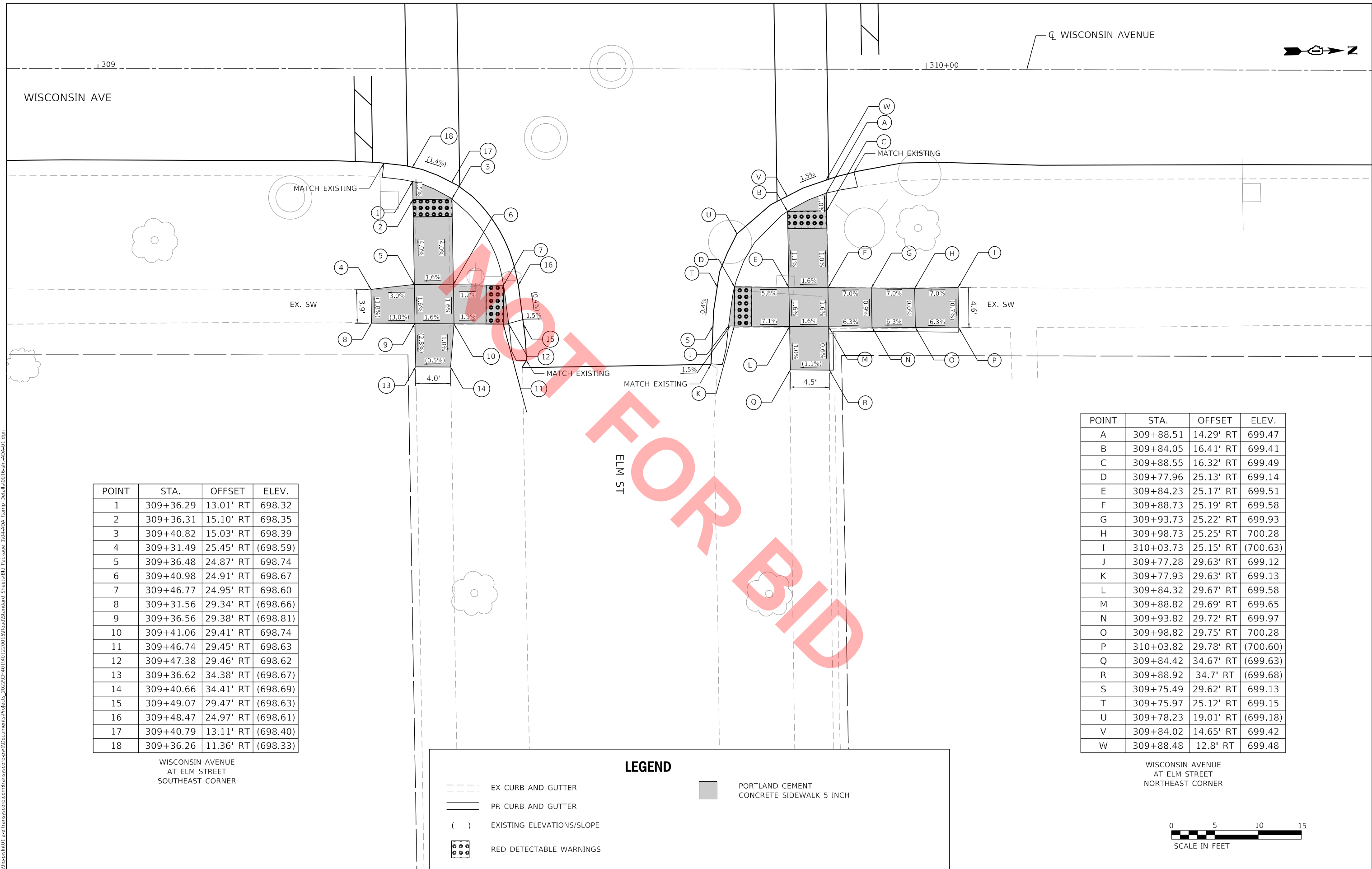


**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

WISCONSIN AVENUE RESURFACING PAVEMENT MARKING AND LANDSCAPING PLAN			
SCALE:	1"=50'	SHEET 3	OF 3 SHEETS
STA.	300+00	TO STA.	317+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	10
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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POINT	STA.	OFFSET	ELEV.
1	309+36.29	13.01' RT	698.32
2	309+36.31	15.10' RT	698.35
3	309+40.82	15.03' RT	698.39
4	309+31.49	25.45' RT	(698.59)
5	309+36.48	24.87' RT	698.74
6	309+40.98	24.91' RT	698.67
7	309+46.77	24.95' RT	698.60
8	309+31.56	29.34' RT	(698.66)
9	309+36.56	29.38' RT	(698.81)
10	309+41.06	29.41' RT	698.74
11	309+46.74	29.45' RT	698.63
12	309+47.38	29.46' RT	698.62
13	309+36.62	34.38' RT	(698.67)
14	309+40.66	34.41' RT	(698.69)
15	309+49.07	29.47' RT	(698.63)
16	309+48.47	24.97' RT	(698.61)
17	309+40.79	13.11' RT	(698.40)
18	309+36.26	11.36' RT	(698.33)

WISCONSIN AVENUE
AT ELM STREET
SOUTHEAST CORNER

POINT	STA.	OFFSET	ELEV.
A	309+88.51	14.29' RT	699.47
B	309+84.05	16.41' RT	699.41
C	309+88.55	16.32' RT	699.49
D	309+77.96	25.13' RT	699.14
E	309+84.23	25.17' RT	699.51
F	309+88.73	25.19' RT	699.58
G	309+93.73	25.22' RT	699.93
H	309+98.73	25.25' RT	700.28
I	310+03.73	25.15' RT	(700.63)
J	309+77.28	29.63' RT	699.12
K	309+77.93	29.63' RT	699.13
L	309+84.32	29.67' RT	699.58
M	309+88.82	29.69' RT	699.65
N	309+93.82	29.72' RT	699.97
O	309+98.82	29.75' RT	700.28
P	310+03.82	29.78' RT	(700.60)
Q	309+84.42	34.67' RT	(699.63)
R	309+88.92	34.7' RT	(699.68)
S	309+75.49	29.62' RT	699.13
T	309+75.97	25.12' RT	699.15
U	309+78.23	19.01' RT	(699.18)
V	309+84.02	14.65' RT	699.42
W	309+88.48	12.8' RT	699.48

WISCONSIN AVENUE
AT ELM STREET
NORTHEAST CORNER

LEGEND

<p>--- EX CURB AND GUTTER</p> <p>— PR CURB AND GUTTER</p> <p>() EXISTING ELEVATIONS/SLOPE</p> <p>•••• RED DETECTABLE WARNINGS</p>	<p>■ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH</p>
--	---



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 PLOT DATE = 8/2/2022

DESIGNED - CEC
 DRAWN - NRH
 CHECKED - DWB
 DATE - 08-03-22

REVISED -
 REVISED -
 REVISED -
 REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

**WISCONSIN AVENUE
ADA DETAILS - ELM STREET**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	11
ILLINOIS				

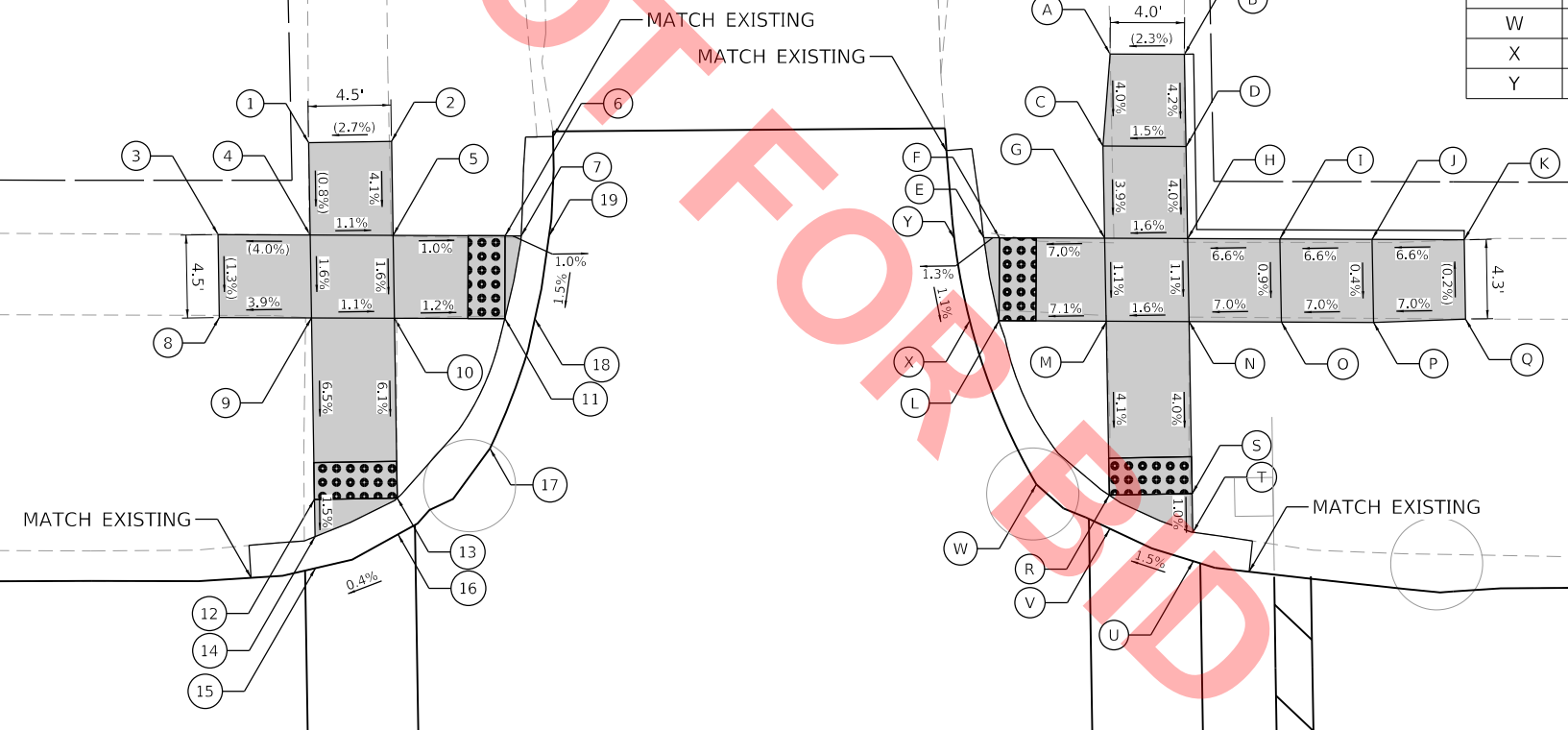
POINT	STA.	OFFSET	ELEV.
1	309+35.49	35.03' LT	(699.30)
2	309+39.99	35.11' LT	(699.42)
3	309+30.52	30.06' LT	(699.06)
4	309+35.52	30.03' LT	(699.26)
5	309+40.07	30.02' LT	699.21
6	309+46.16	29.99' LT	699.14
7	309+47.03	29.99' LT	699.14
8	309+30.64	25.55' LT	(699.00)
9	309+35.65	25.53' LT	699.19
10	309+40.15	25.52' LT	699.14
11	309+46.14	25.49' LT	699.07
12	309+35.81	15.68' LT	698.55
13	309+40.31	15.76' LT	698.54
14	309+35.84	13.67' LT	698.52
15	309+35.87	11.96' LT	(698.53)
16	309+40.34	13.75' LT	(698.55)
17	309+45.33	18.45' LT	(698.78)
18	309+47.77	25.49' LT	699.08
19	309+48.53	29.98' LT	(699.15)

WISCONSIN AVENUE
AT ELM STREET
SOUTHWEST CORNER

POINT	STA.	OFFSET	ELEV.
A	309+83.41	39.90' LT	(700.33)
B	309+87.44	39.89' LT	(700.42)
C	309+83.03	34.90' LT	700.13
D	309+87.54	34.89' LT	700.21
E	309+76.58	29.92' LT	699.53
F	309+77.42	29.91' LT	699.54
G	309+83.13	29.90' LT	699.94
H	309+87.64	29.89' LT	700.01
I	309+92.64	29.88' LT	700.34
J	309+97.64	29.87' LT	700.67
K	310+02.64	29.86' LT	(701.00)
L	309+77.41	25.41' LT	699.48
M	309+83.22	25.40' LT	699.89
N	309+87.73	25.39' LT	699.96
O	309+92.73	25.38' LT	700.31
P	309+97.73	25.37' LT	700.66
Q	310+02.72	25.56' LT	(701.01)
R	309+83.41	15.97' LT	699.50
S	309+87.91	16.06' LT	699.59
T	309+87.95	13.96' LT	699.57
U	309+87.89	12.40' LT	(699.58)
V	309+83.45	14.15' LT	699.51
W	309+79.46	16.55' LT	(699.39)
X	309+75.82	25.42' LT	699.49
Y	309+74.97	29.89' LT	699.54



ELM ST



WISCONSIN AVENUE
AT ELM STREET
NORTHWEST CORNER

LEGEND

- EX CURB AND GUTTER
- PR CURB AND GUTTER
- EXISTING ELEVATIONS/SLOPE
- RED DETECTABLE WARNINGS
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH



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DESIGNED	- CEC
DRAWN	- NRH
CHECKED	- DWB
DATE	- 08-03-22

REVISED	-
REVISED	-
REVISED	-
REVISED	-



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

WISCONSIN AVENUE ADA DETAILS - ELM STREET	
SCALE: 1"=5'	SHEET 2 OF 2 SHEETS
STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	12
ILLINOIS				

ADJUSTMENT ITEMS

EX

PR

Structure To Be Adjusted



Structure To Be Cleaned



Main Structure To Be Filled



Structure To Be Filled



Structure To Be Filled Special



Structure To Be Removed



Structure To Be Reconstructed



Structure To Be Reconstructed Special



Frame and Grate To Be Adjusted



Frame and Lid To Be Adjusted



Domestic Service Box To Be Adjusted



Valve Vault To Be Adjusted



Special Adjustment



Item To Be Abandoned



Item To Be Moved



Item To Be Relocated



Pavement Removal and Replacement



ALIGNMENT ITEMS

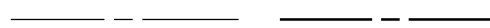
EX

PR

Baseline



Centerline



Centerline Break Circle



Baseline Symbol



Centerline Symbol



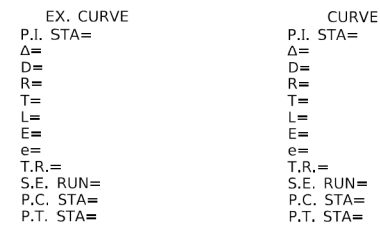
PI Indicator



Point Indicator



Horizontal Curve Data (Half Size)

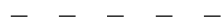


BOUNDARIES ITEMS

EX

PR

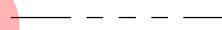
Dashed Property Line



Solid Property/Lot Line



Section/Grant Line



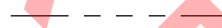
Quarter Section Line



Quarter/Quarter Section Line



County/Township Line



State Line



Chiseled Square Found



Iron Pipe Found



Iron Pipe Set



Survey Marker



Property Line Symbol



Same Ownership Symbol (Half Size)



Northwest Quarter Corner (Half Size)



Section Corner (Half Size)



Southeast Quarter Corner (Half Size)

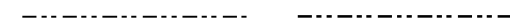


DRAINAGE ITEMS

EX

PR

Channel or Stream Line



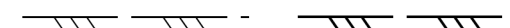
Culvert Line



Grading & Shaping Ditches



Drainage Boundary Line



Paved Ditch



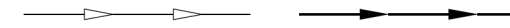
Aggregate Ditch



Pipe Underdrain



Storm Sewer



Flowline



Ditch Check



Headwall



Inlet



Manhole



Summit



Roadway Ditch Flow



Swale



Catch Basin



Culvert End Section



Water Surface Indicator



Riprap



HYDRAULICS ITEMS

EX

PR

Overflow



Sheet Flow



Hydrant Outlet



STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

(Sheet 2 of 9)

STANDARD 000001-08

Illinois Department of Transportation

PASSED January 1, 2021
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

MODEL: Default
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PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	14
ILLINOIS				

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EROSION & SEDIMENT CONTROL ITEMS		EX	PR	NON-HIGHWAY IMPROVEMENT ITEMS		EX	PR	EXISTING LANDSCAPING ITEMS (contd.)		EX	PR
Cleaning & Grading Limits				Noise Attn./Levee				Seeding Class 5			
Dike				Field Line				Seeding Class 7			
Erosion Control Fence				Fence				Seedlings Type 1			
Perimeter Erosion Barrier				Base of Levee				Seedlings Type 2			
Temporary Fence				Mailbox				Sodding			
Ditch Check Temporary				Multiple Mailboxes				Mowstake w/Sign			
Ditch Check Permanent				Pay Telephone				Tree Trunk Protection			
Inlet & Pipe Protection				Advertising Sign				Evergreen Tree			
Sediment Basin				ITS* Camera				Shade Tree			
Erosion Control Blanket				Wind Turbine							
Fabric Formed Concrete Revetment Mat				Cellular Tower							
Turf Reinforcement Mat				LANDSCAPING ITEMS		EX	PR	LIGHTING			
Mulch Temporary				Contour Mounding Line				Duct			
Mulch Method 1				Fence				Conduit			
Mulch Method 2 Stabilized				Fence Post				Electrical Aerial Cable			
Mulch Method 3 Hydraulic				Shrubs				Electrical Buried Cable			
				Mowline				Controller			
				Perennial Plants				Underpass Luminaire			
				Seeding Class 2				Power Pole			
				Seeding Class 2A							
				Seeding Class 4							
				Seeding Class 4 & 5 Combined							

CONTOUR ITEMS		EX	PR
Approx. Index Line			
Approx. Intermediate Line			
Index Contour			
Intermediate Contour			

Illinois Department of Transportation
 PASSED January 1, 2021

 ENGINEER OF POLICY AND PROCEDURES
 APPROVED January 1, 2021

 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-97

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
 (Sheet 3 of 9)
STANDARD 000001-08



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FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -



VILLAGE OF VILLA PARK
ENGINEERING DIVISION

IDOT HIGHWAY STANDARDS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	15
ILLINOIS				

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

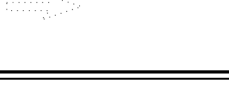
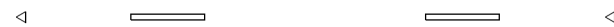
Urban Left Turn Only

Urban Right Turn Only

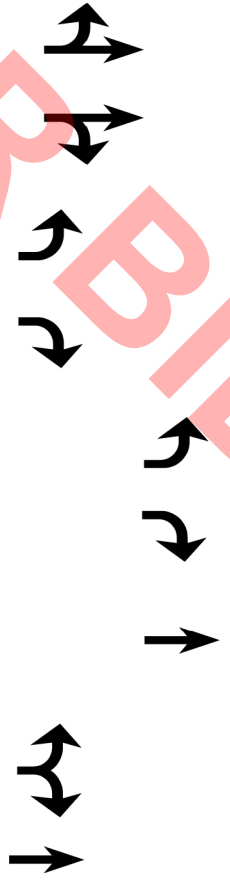
Urban Thru Only

EX

PR



ONLY ONLY ONLY

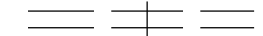


RAILROAD ITEMS

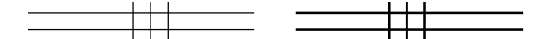
EX

PR

Abandoned Railroad



Railroad



Railroad Point



Control Box



Crossing Gate



Flashing Signal



Railroad Cant. Mast Arm



Crossbuck

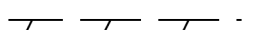


REMOVAL ITEMS

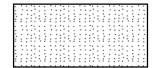
EX

PR

Removal Tic



Bituminous Removal



Hatch Pattern



Tree Removal Single



RIGHT OF WAY ITEMS

EX

PR

Future ROW Corner Monument



ROW Marker



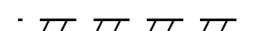
ROW Line



Easement



Temporary Easement



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

STANDARD 000001-08

Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

Urban LT & RT Turn Arrow

Urban Thru Arrow



USER NAME = nirohochstetter	DESIGNED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -
PLOT SCALE = 2,0000 ' / in.	CHECKED -
PLOT DATE = 8/2/2022	DATE - 08-03-22

REVISED -
REVISED -
REVISED -
REVISED -



VILLAGE OF VILLA PARK
ENGINEERING DIVISION

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	17
ILLINOIS				

NOT FOR BID

MODEL: Default
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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

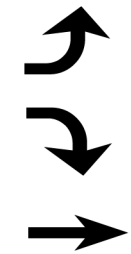
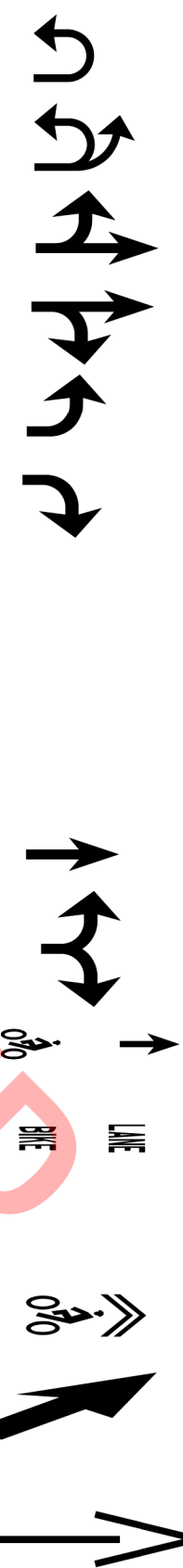
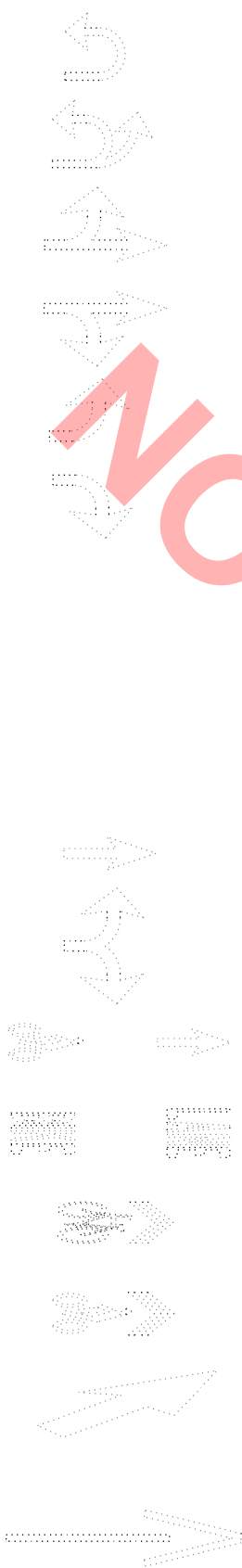
Bike Path Shared

Bike Shared Roadway

Lane Drop Symbol

EX

PR



Illinois Department of Transportation

PASSED January 1, 2021
Michael Bond
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
Scott E. G...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

Wrong Way Arrow



NOT FOR BID

ONLY ONLY ONLY

**STANDARD SYMBOLS,
ABBREVIATIONS
AND PATTERNS**

(Sheet 6 of 9)

STANDARD 000001-08

MODEL: Default
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FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -
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PLOT DATE = 8/2/2022	DATE - 08-03-22

REVISED -
REVISED -
REVISED -
REVISED -

REVISED -
REVISED -
REVISED -
REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

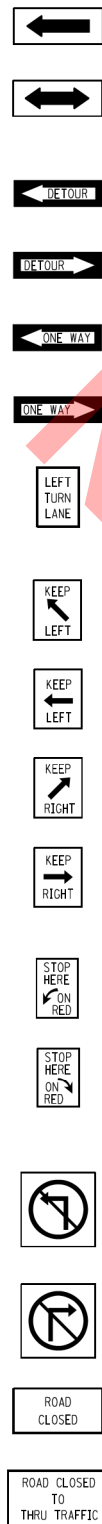
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	18
ILLINOIS				

**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 R3-1100L
(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

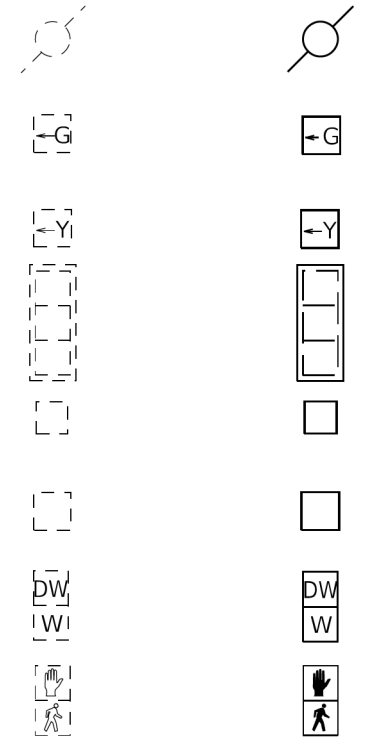
- Box Culvert Barrel
- Box Culvert Headwall
- Bridge Pier
- Bridge
- Retaining Wall
- Temporary Sheet Piling

**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

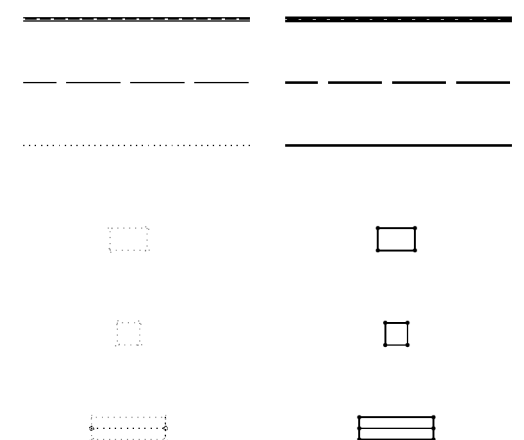


**TRAFFIC SIGNAL
ITEMS**

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

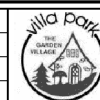
Illinois Department of Transportation

PASSED January 1, 2021
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2021
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

USER NAME = nihochstetter	DESIGNED -	REVISED -
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PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	20
ILLINOIS				

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

A = Fractions of Inch or Foot
B = Inch Equivalents to Foot Fractions

Illinois Department of Transportation

PASSED January 1, 1997
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 1997
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-97	New Standard.

**DECIMAL OF AN INCH
AND OF A FOOT**

STANDARD 001006



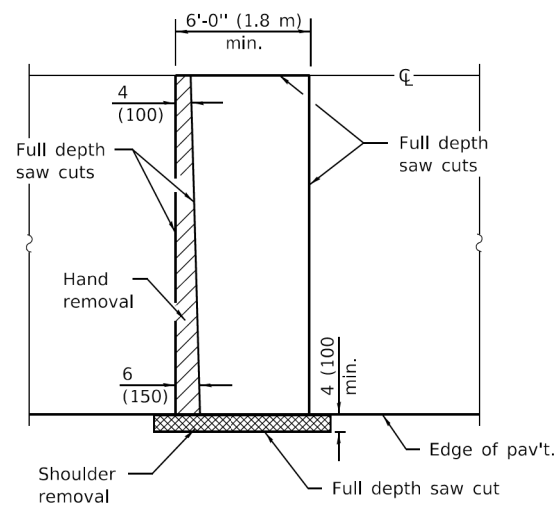
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FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

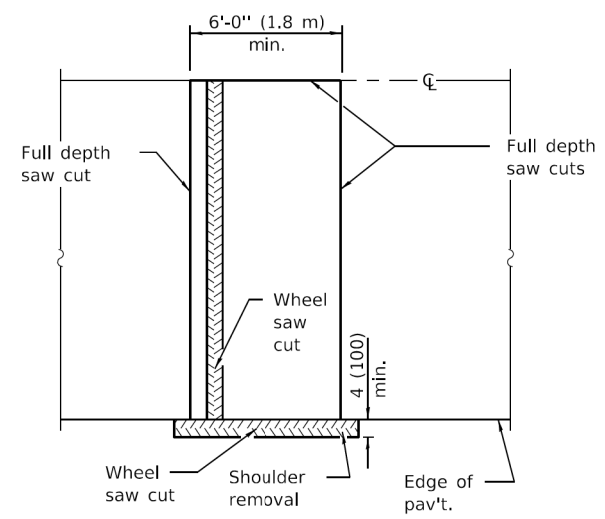
IDOT HIGHWAY STANDARDS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	22



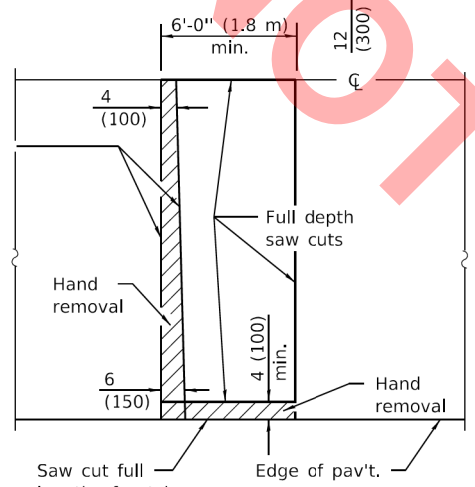
PAVEMENT SAWING DETAIL

(HMA SHOULDER)



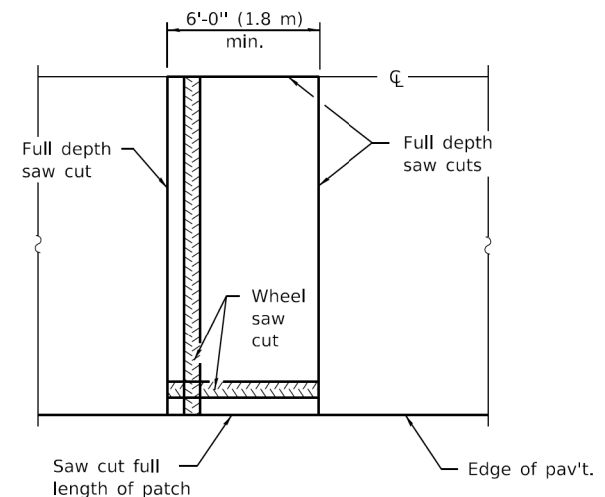
ALTERNATE SAWING DETAIL

(HMA SHOULDER)



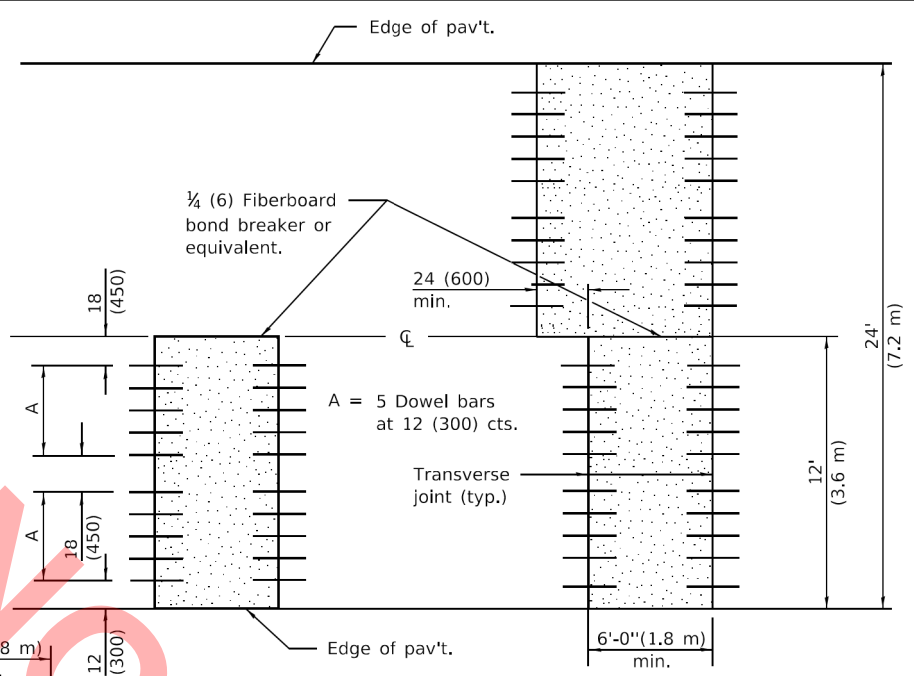
PAVEMENT SAWING DETAIL

(PCC SHOULDER)

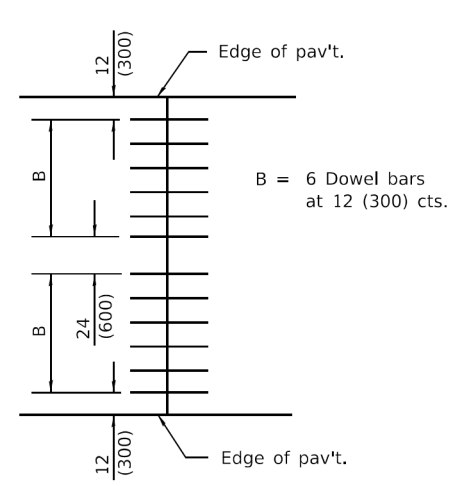


ALTERNATE SAWING DETAIL

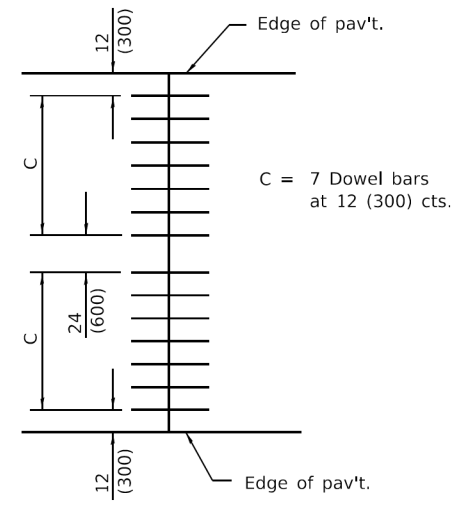
(PCC SHOULDER)



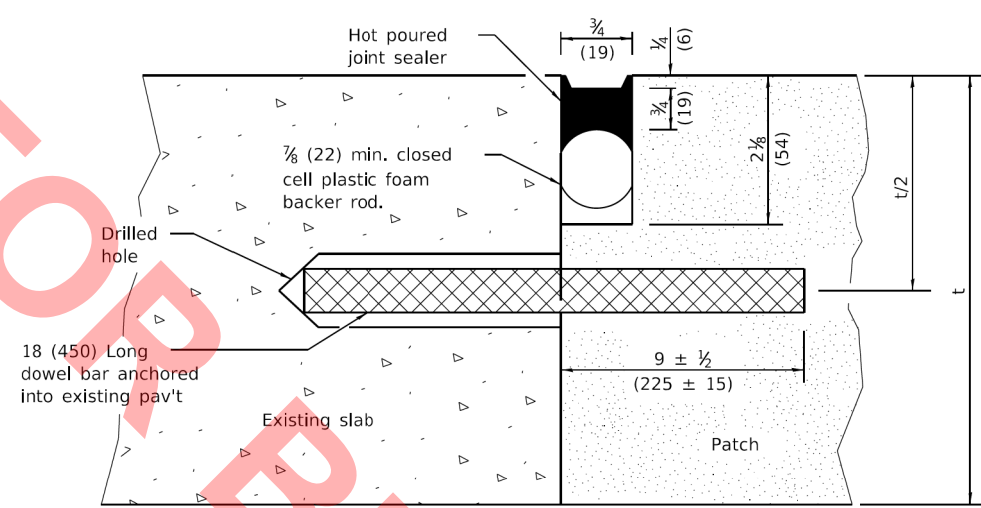
12' (3.6 m) WIDE LANES



14' (4.2 m) WIDE RAMP

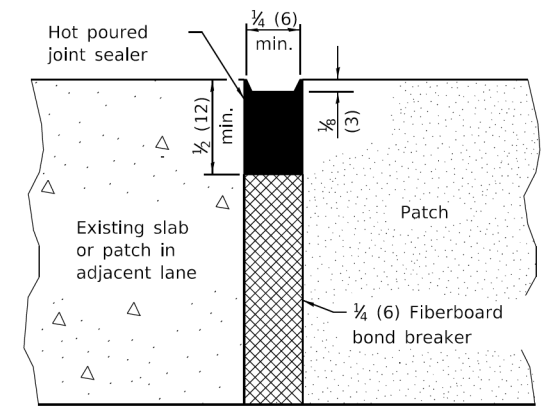


16' (4.8 m) WIDE RAMP



TRANSVERSE JOINT

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	HOLE DIAMETER
10 (250) or greater	1 1/2 (38)	1 3/8 (41)
8 (200) thru 9.99 (249)	1 1/4 (32)	1 3/8 (35)
Less than 8 (200)	1 (25)	1 1/8 (29)



CENTERLINE JOINT

GENERAL NOTES

The transverse joints for Class B patches shall align with joints or cracks in the adjacent lane whenever possible.

See Standard 420701 for details of welded wire reinforcement.

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

Illinois Department of Transportation

PASSED January 1, 2019
Michael Bond
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
Scott E. G...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-19
 /67

DATE	REVISIONS
1-1-19	Revised reference to Standard 420701 in General Notes.
1-1-18	Revised DOWEL BAR TABLE.

CLASS B PATCHES

(Sheet 1 of 2)

STANDARD 442101-09

MODEL: Default
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PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



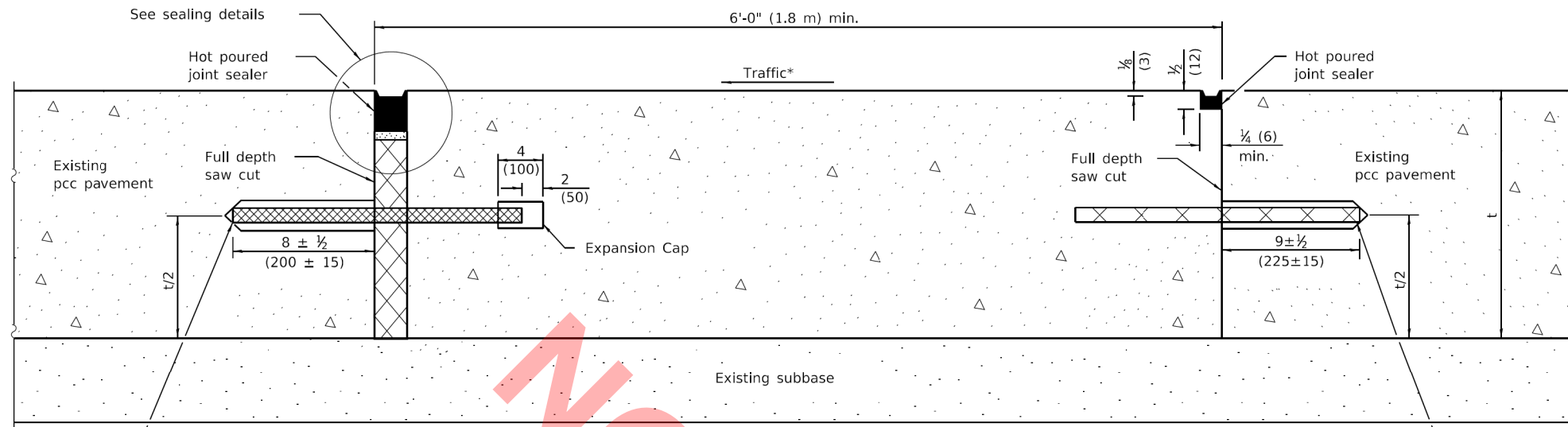
**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS

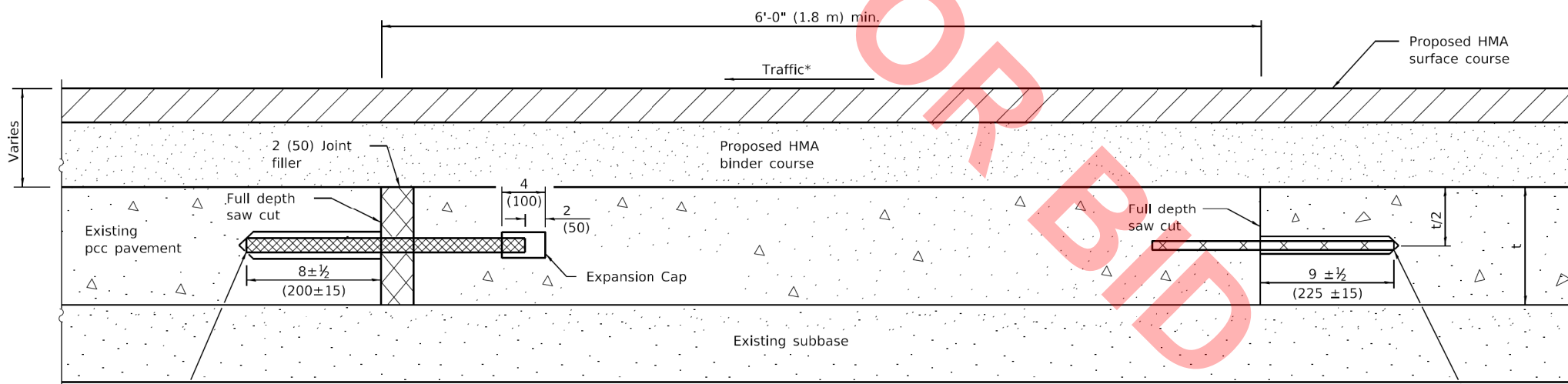
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	25
ILLINOIS				

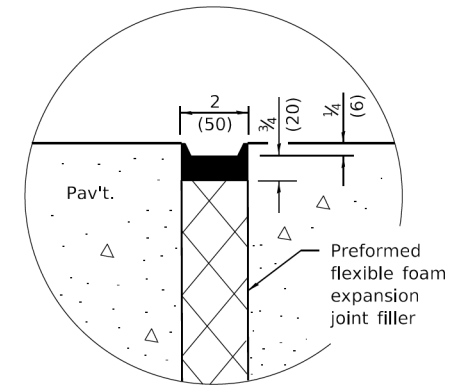
TRANSVERSE EXPANSION JOINTS



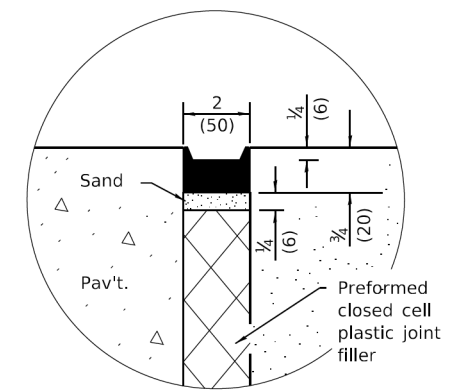
METHOD I
(Without Resurfacing)



METHOD II
(With Resurfacing)



SEALING DETAIL



SEALING DETAIL

NOTE

* When re-establishing a transverse expansion joint on a two-lane, two-way road, reverse the orientation of the dowel bars with respect to traffic for one of the patches such that the joint will be continuous across both lanes.

Illinois Department of Transportation

PASSED January 1, 2019
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

CLASS B PATCHES

(Sheet 2 of 2)

STANDARD 442101-09

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USER NAME = nrochsteller	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -

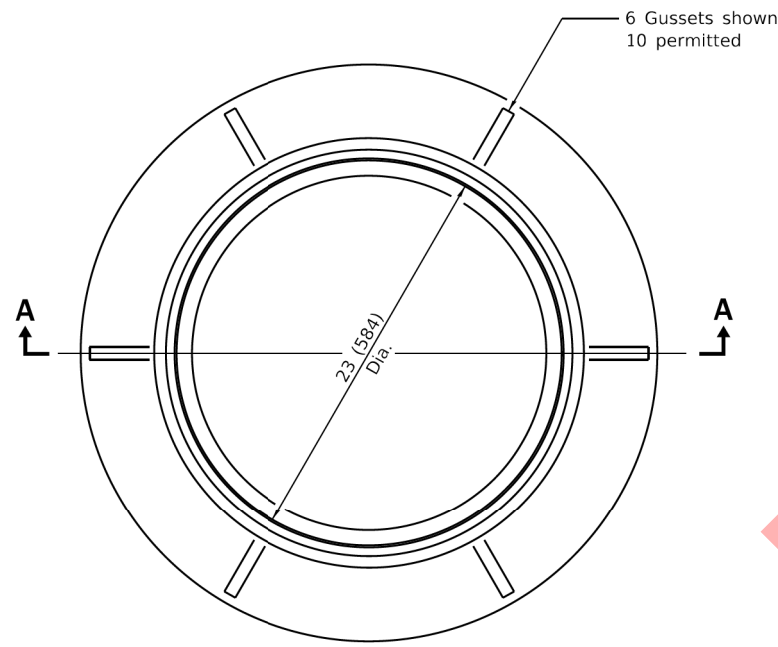


**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

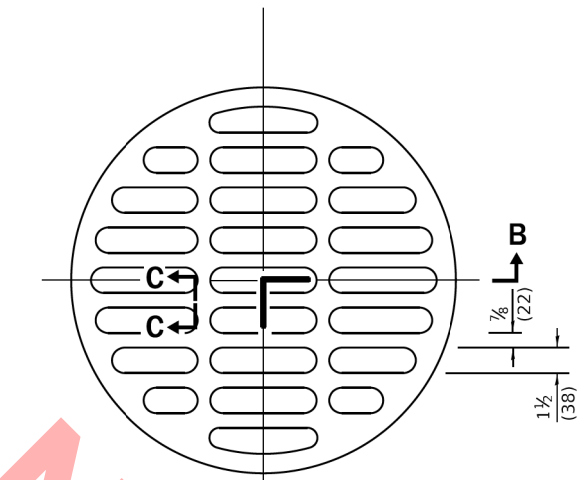
IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

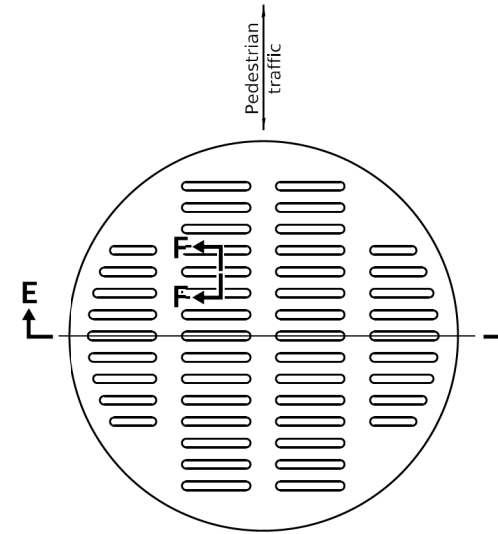
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	22-00101-00-RS	DUPAGE	47	26
ILLINOIS				



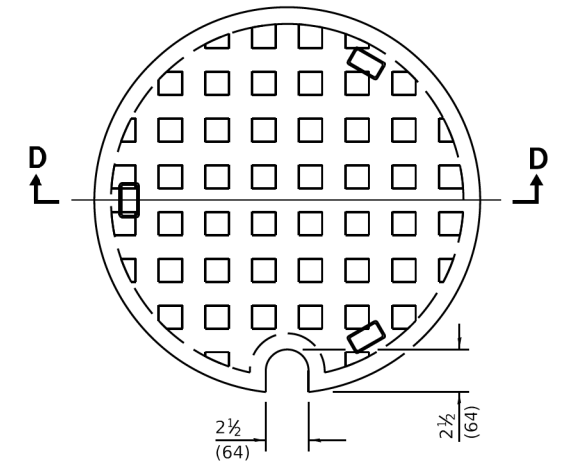
CAST FRAME



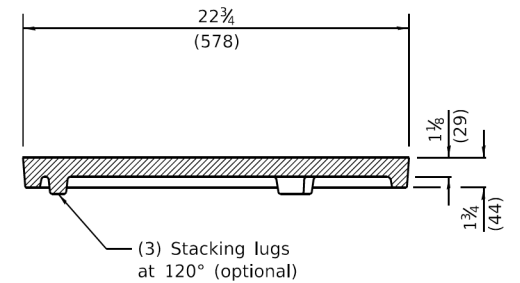
SECTION C-C



SECTION F-F

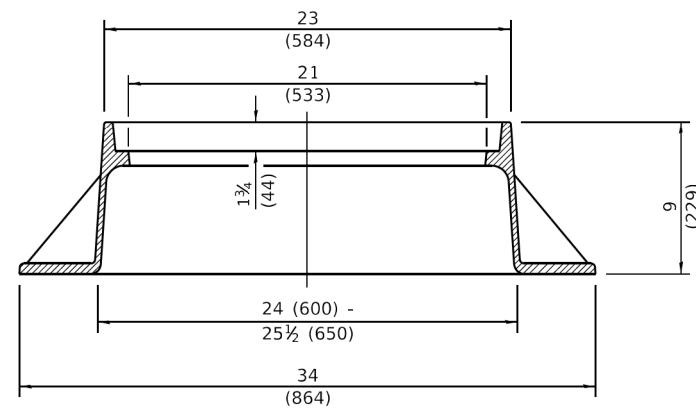


SECTION D-D



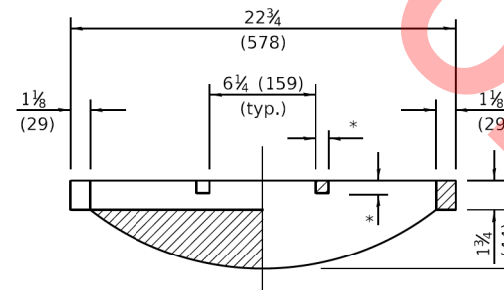
CAST CLOSED LID

Gray Iron Lid



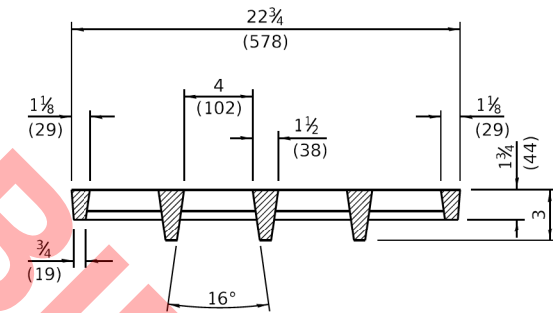
SECTION A-A

Gray Iron



SECTION B-B

CAST OPEN LID



SECTION E-E

**ADA COMPLIANT
CAST OPEN LID**

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

Illinois Department of Transportation

PASSED January 1, 2020
Michael Bond
 ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2020
Scott Egan
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97 / 67

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.
1-1-09	Switched units to English (metric).

**FRAME AND LIDS
TYPE 1**

STANDARD 604001-05



USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	28
ILLINOIS				

MODEL: Default
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 PROJECT: 2022\CH01\01\12\20016RoadStandard Sheets\Bld Package_105-IDOT Highway Standards and District One Detail\0016-IDOT Hwy Std- District Details.dwg

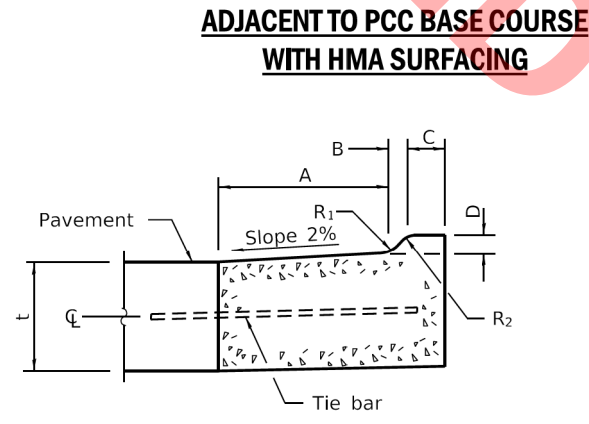
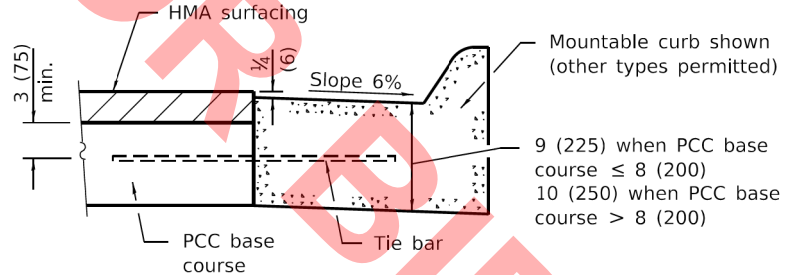
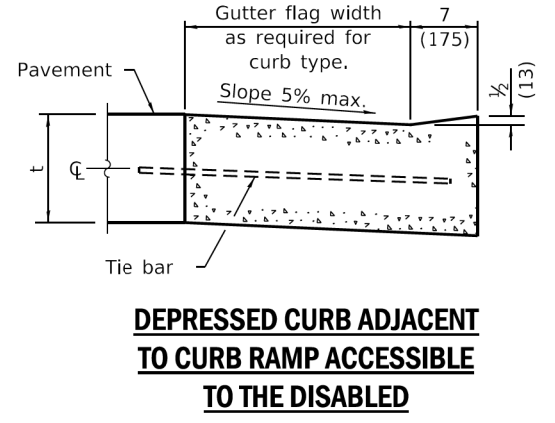
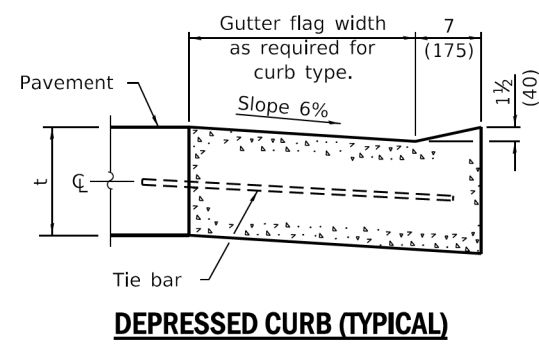
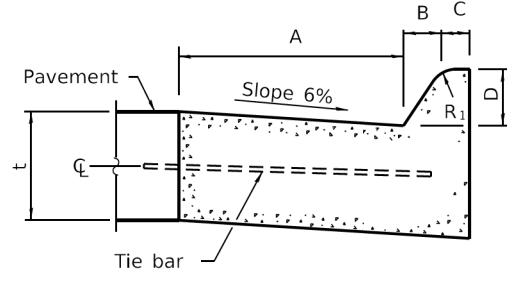
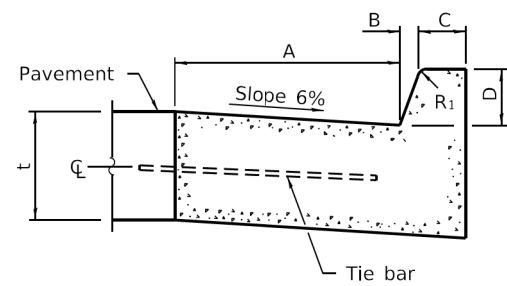
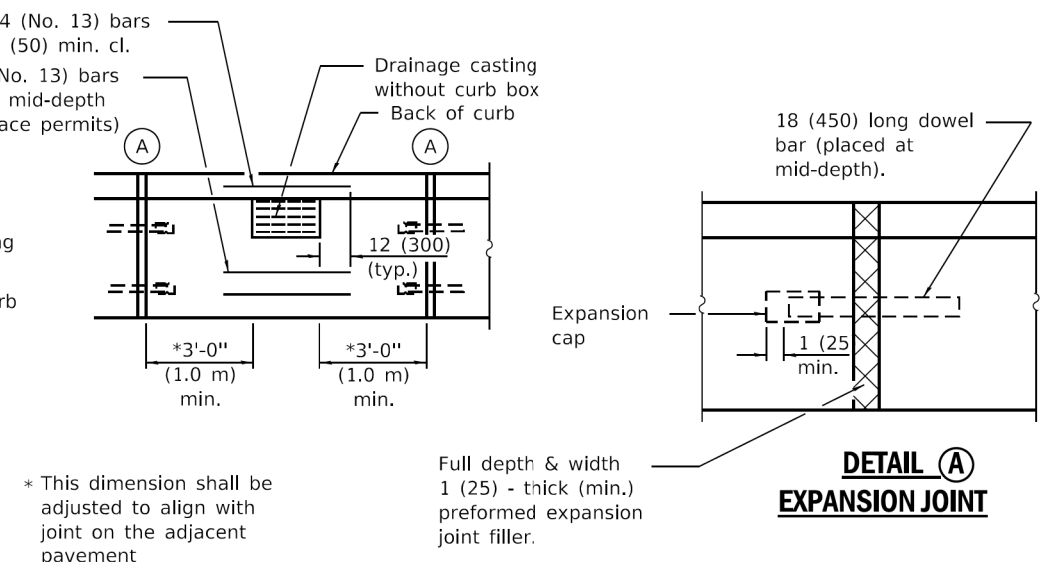
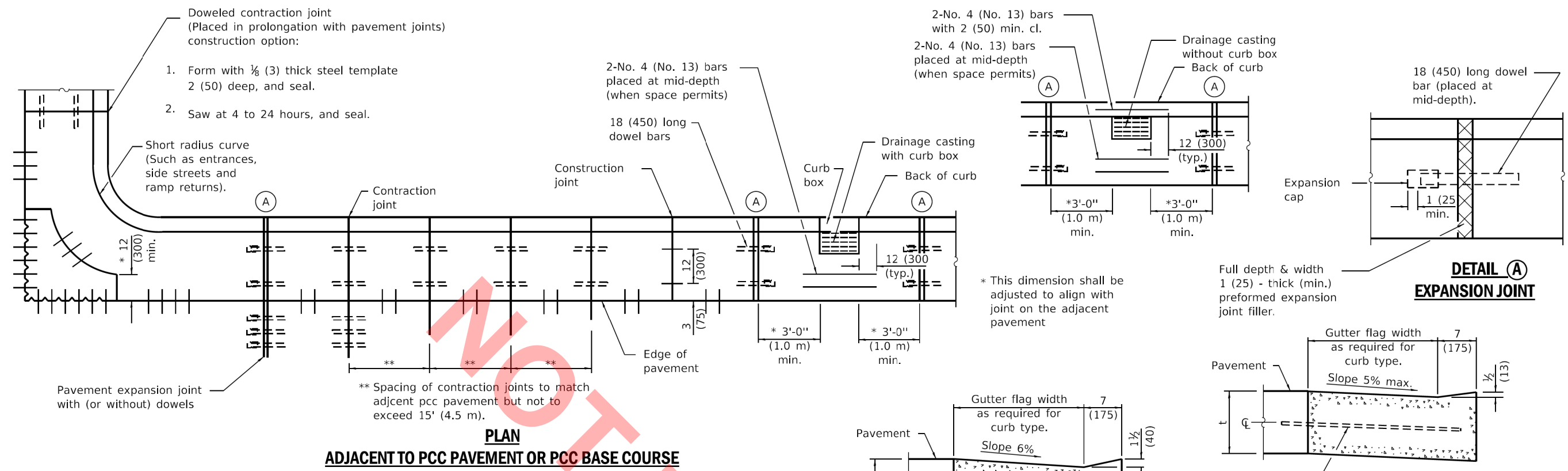


TABLE OF DIMENSIONS BARRIER CURB

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)

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

* For corner islands only.

Illinois Department of Transportation

PASSED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

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: 0016-IDOT Hwy Std-District Details-01.dgn
PROJECTS: 2022\CH01\01\12\0016RoadStandard Sheets\Bld Package 1\05-IDOT Hwy Std-District Details-01.dgn



USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std-District Details	DRAWN -	REVISED -
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PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -

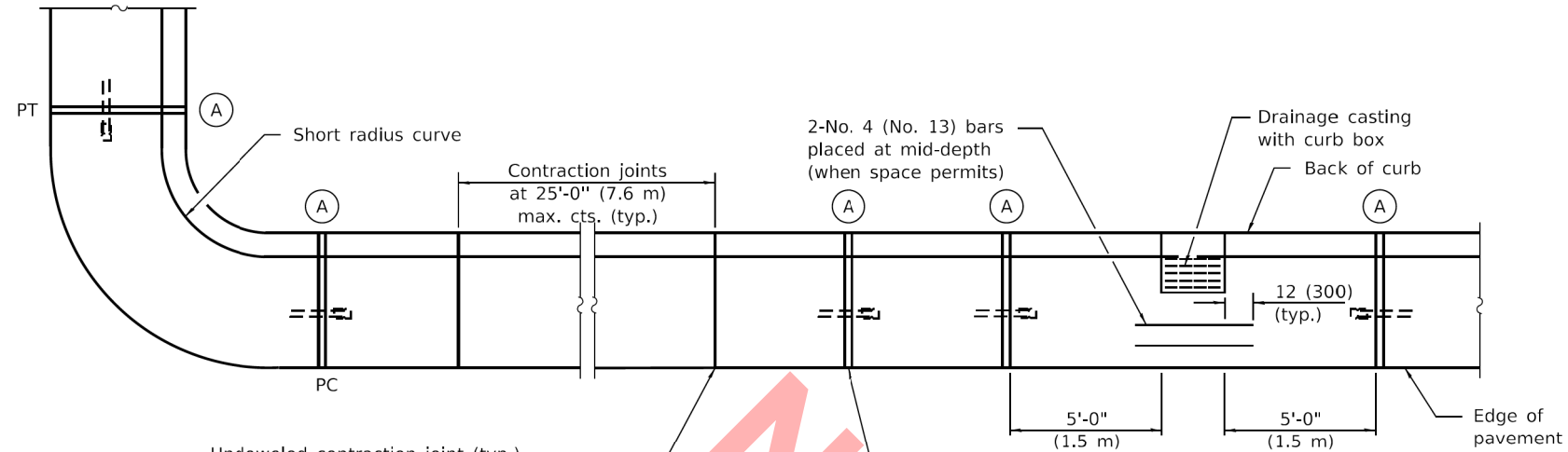


VILLAGE OF VILLA PARK
ENGINEERING DIVISION

SCALE: SHEET OF SHEETS STA. TO STA.

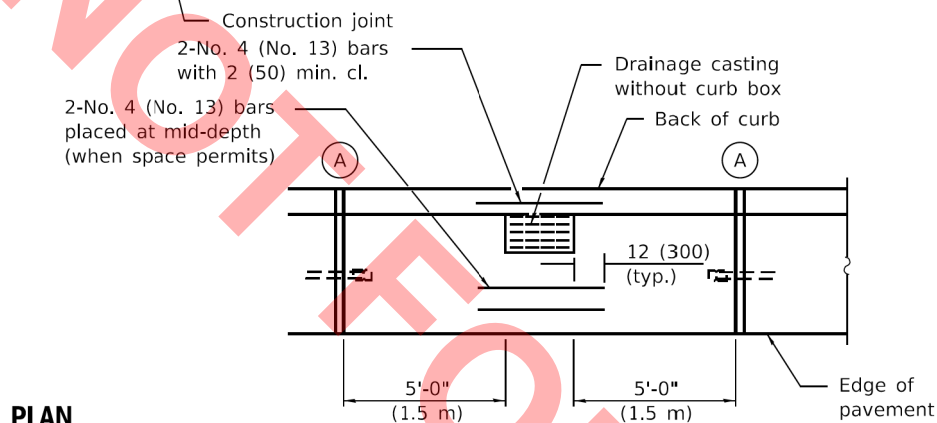
ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	30

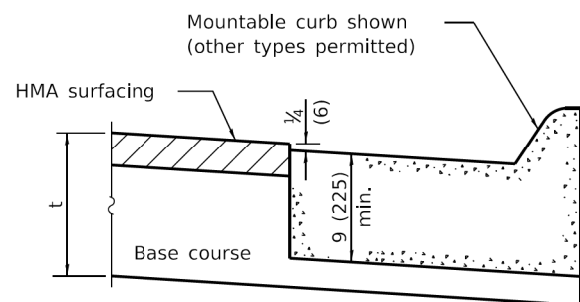


Undoweled contraction joint (typ.) construction options:

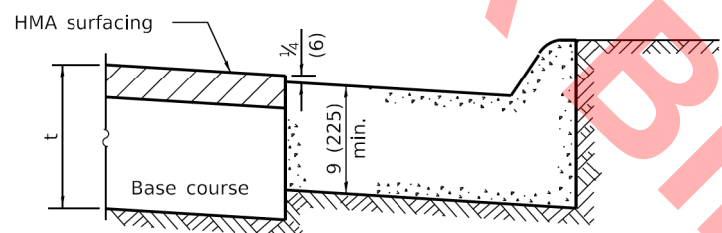
1. Form with 1/8 (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert 3/4 (20) thick preformed joint filler full depth and width.



PLAN

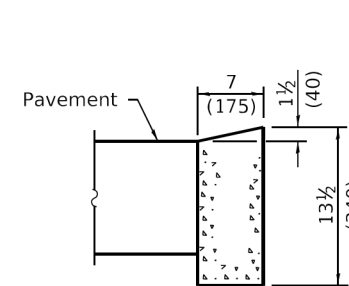


ON DISTURBED SUBGRADE

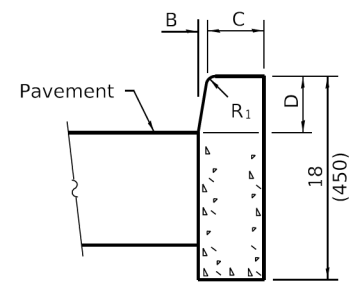


ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT

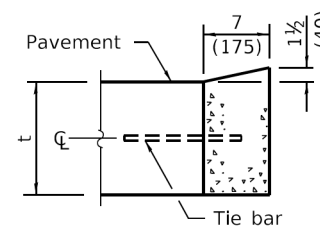


DEPRESSED CURB

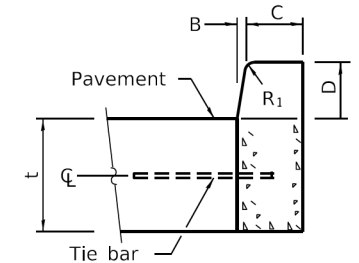


BARRIER CURB

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

Illinois Department of Transportation

PASSED January 1, 2022
Michael Brand
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2022
S. J. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

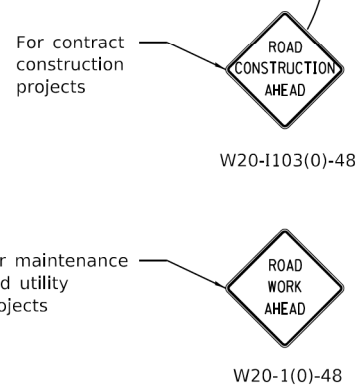
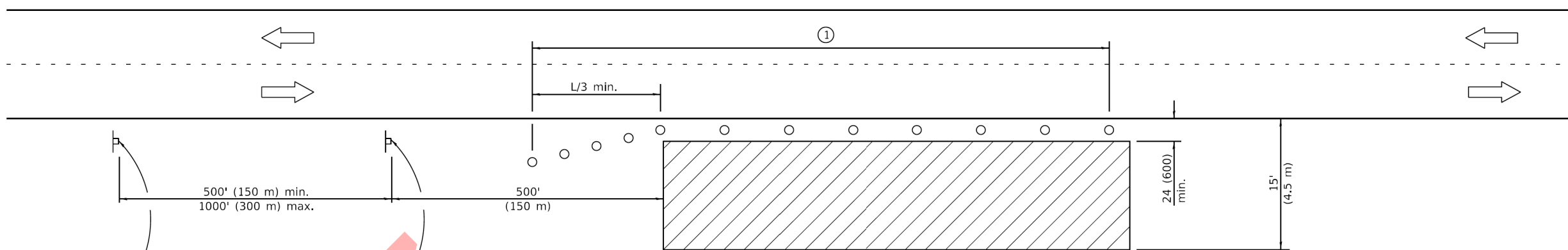
IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	31
ILLINOIS				

MODEL: Default
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TYPICAL APPLICATIONS

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

SYMBOLS

- Work area
- Sign
- Cone, drum or barricade

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.

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

PASSED 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
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USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
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PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -

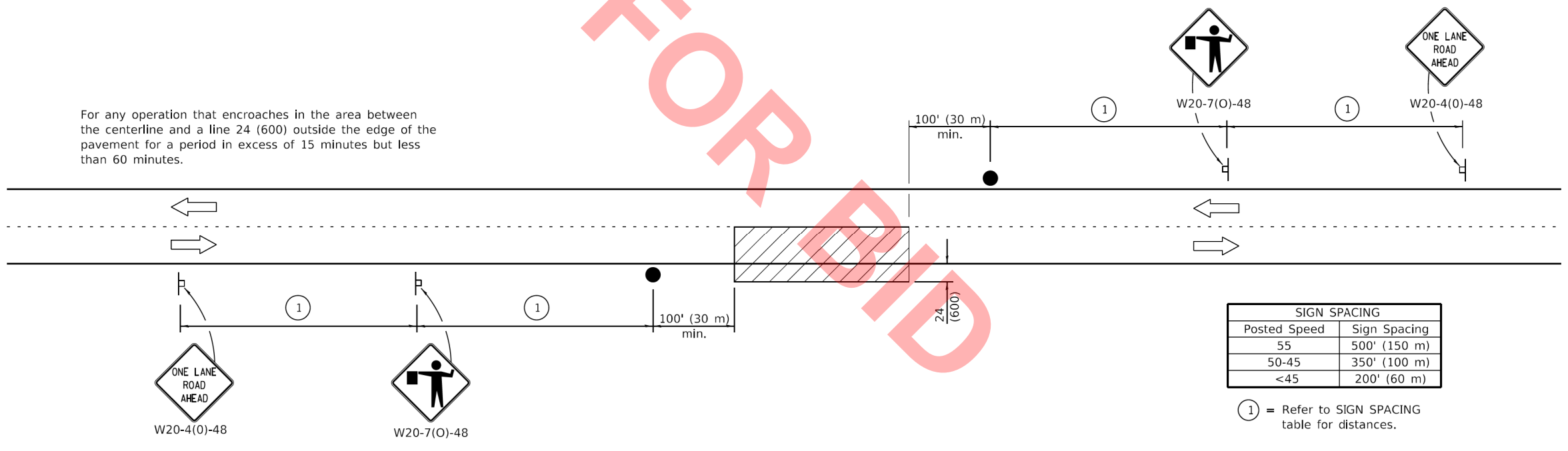
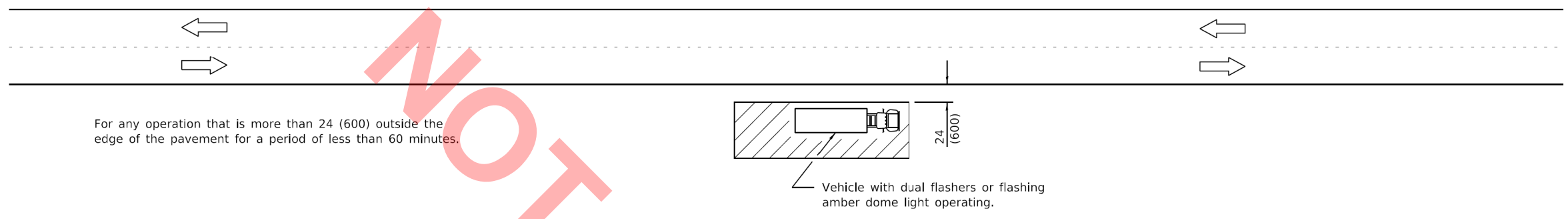
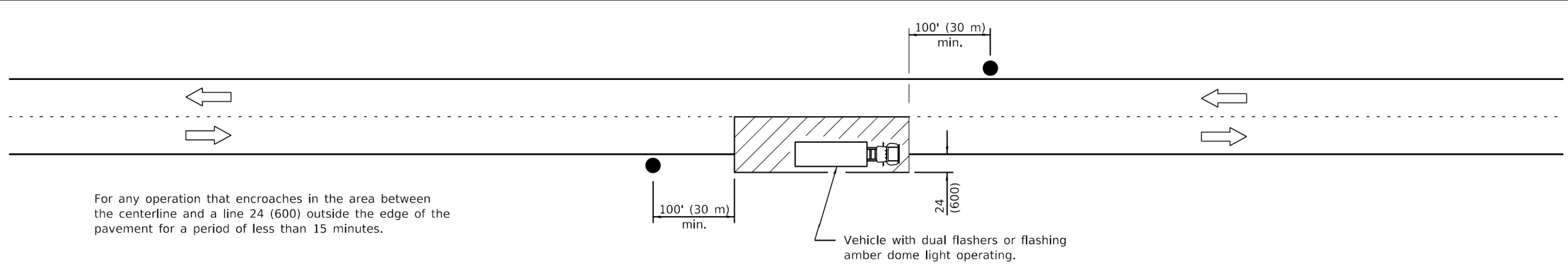


**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	32

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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

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

Illinois Department of Transportation

PASSED January 1, 2011
Amelia O'Shea
 ENGINEER OF SAFETY ENGINEERING

ISSUED 1-1-97

APPROVED January 1, 2011
Scott Schick
 ENGINEER OF DESIGN AND ENVIRONMENT

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



USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



VILLAGE OF VILLA PARK ENGINEERING DIVISION

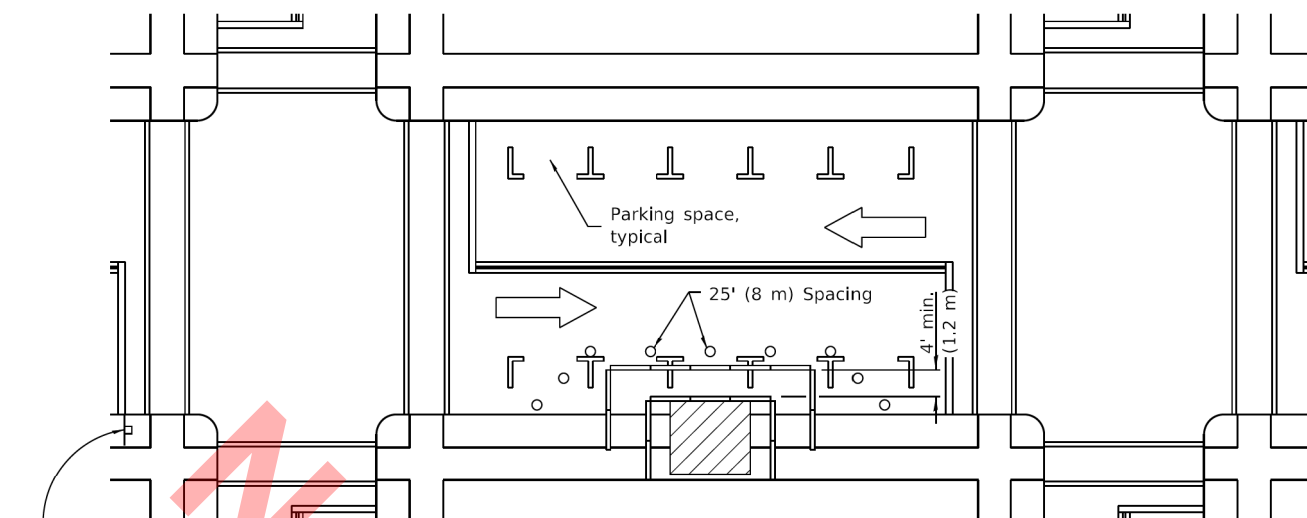
IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	33

ILLINOIS

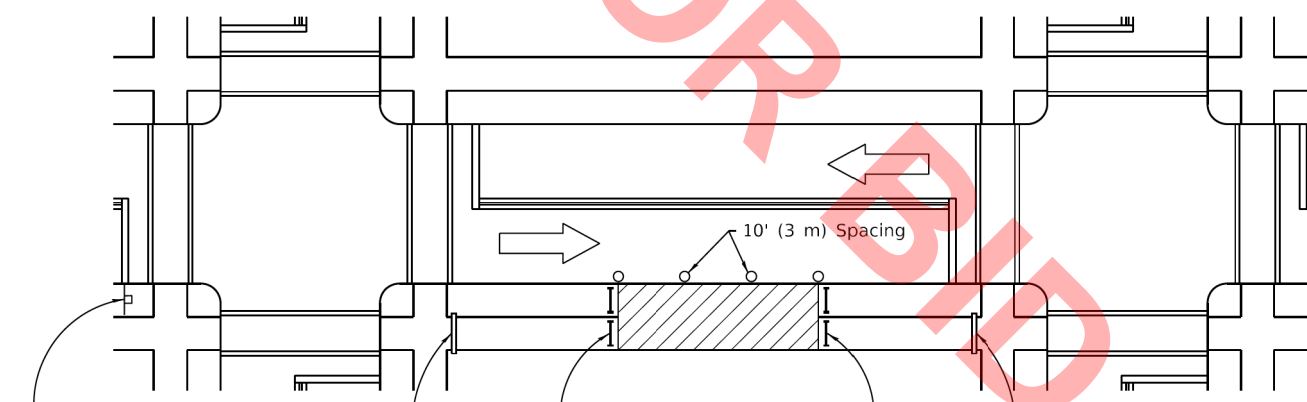
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- ① ROAD CONSTRUCTION AHEAD
W20-1103(0)-48 for contract construction projects
- Or
- ① ROAD WORK AHEAD
W20-1(0)-48 for maintenance and utility projects

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



- ① ROAD CONSTRUCTION AHEAD
W20-1103(0)-48 for contract construction projects
 - Or
 - ① ROAD WORK AHEAD
W20-1(0)-48 for maintenance and utility projects
- R11-1102-2430
 R11-1101-2418
 R11-1102-2430

SIDEWALK CLOSURE

① Omit whenever duplicated by road work traffic control.

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

PASSED April 1, 2016
[Signature]
ENGINEER OF SAFETY ENGINEERING

APPROVED April 1, 2016
[Signature]
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 std. spec.
1-1-12	Added SIDEWALK DIVERSION. Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



USER NAME = nirochsteller	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



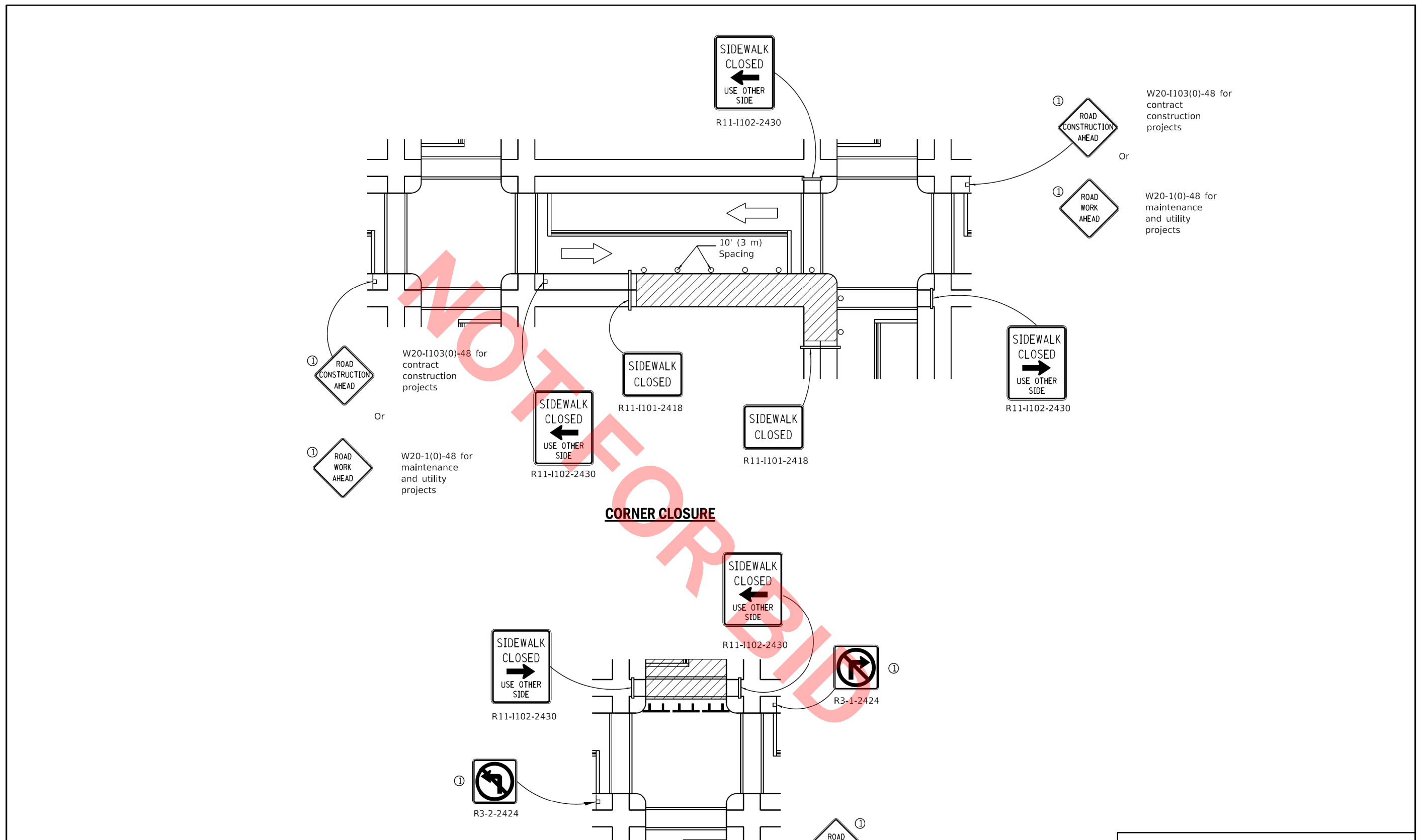
**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	35
ILLINOIS				

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Illinois Department of Transportation
 PASSED April 1, 2016
 ENGINEER OF SAFETY ENGINEERING
 APPROVED April 1, 2016
 ENGINEER OF DESIGN AND ENVIRONMENT
 ISSUED 1-1-97

SIDEWALK, CORNER OR CROSSWALK CLOSURE
 (Sheet 2 of 2)
STANDARD 701801-06



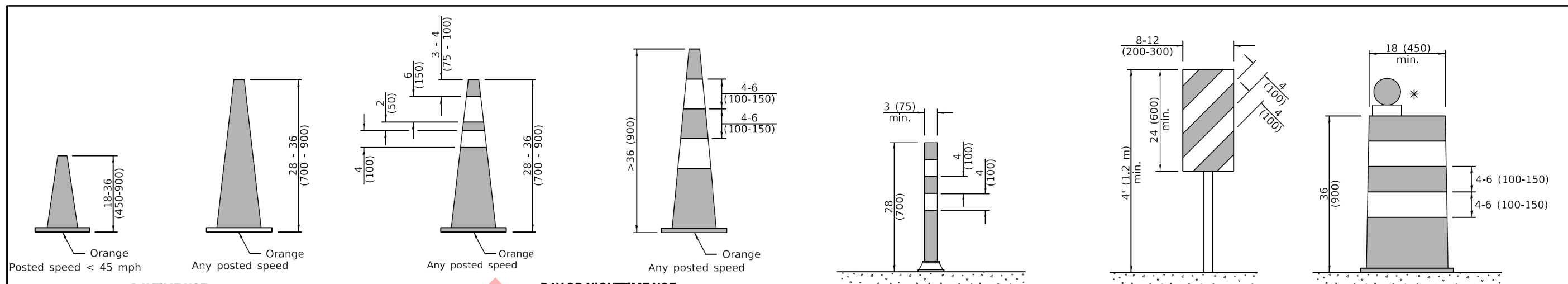
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PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -



**VILLAGE OF VILLA PARK
 ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	36
ILLINOIS				



DAYTIME USE

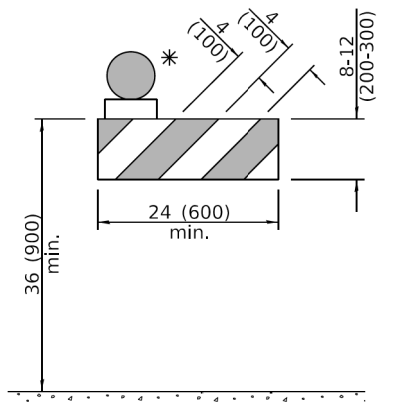
DAY OR NIGHTTIME USE

CONES

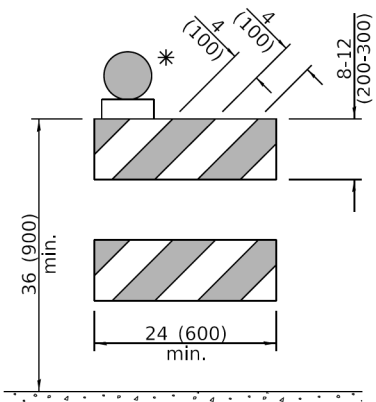
TUBULAR MARKER

**VERTICAL PANEL
POST MOUNTED**

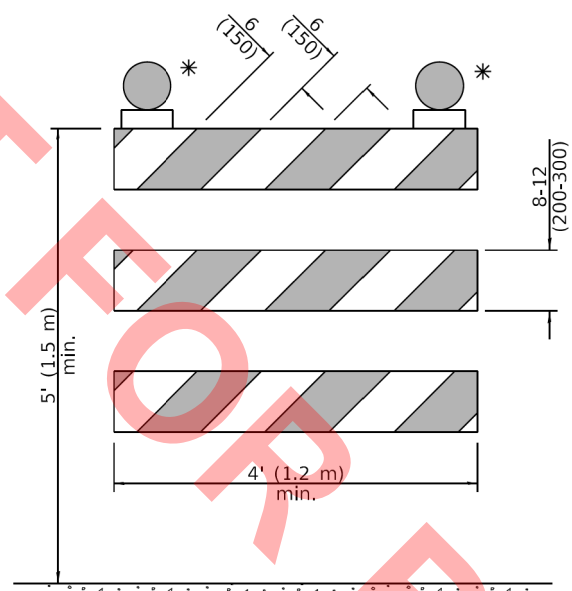
DRUM



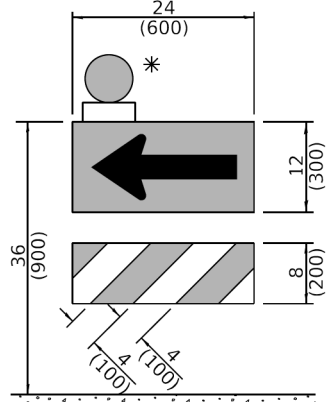
TYPE I BARRICADE



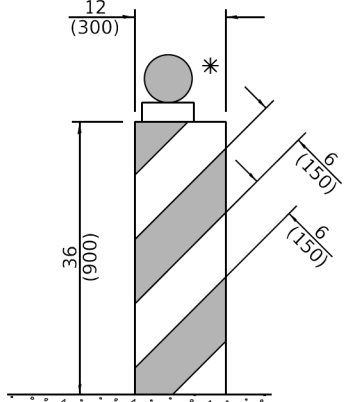
TYPE II BARRICADE



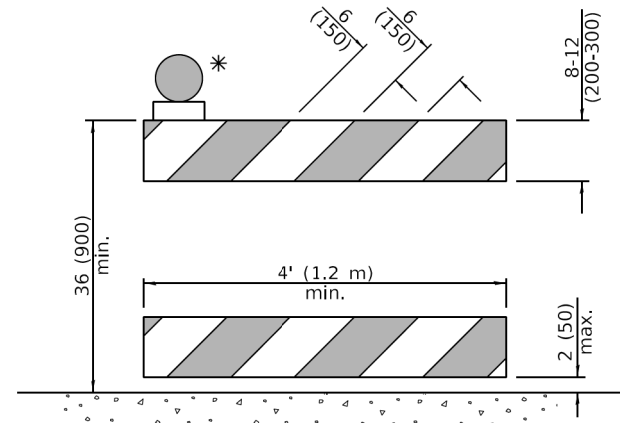
TYPE III BARRICADE



**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, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

DATE	REVISIONS
1-1-19	Revised cone usage and added cones >36" (900 m) height.
1-1-18	Revised END WORK ZONE SPEED LIMIT sign from orange to white background.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

STANDARD 701901-08

MODEL: Default
FILE NAME: p:\pub\p\m\01-26-20\transys\corp\p\p\1\Documents\Projects_2021\CH401\401220016\RoadStandard_Sheets\Bld_Package_105-IDOT_Hwy_Sta-District_Details-01.dgn



USER NAME = nihochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Sta- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -

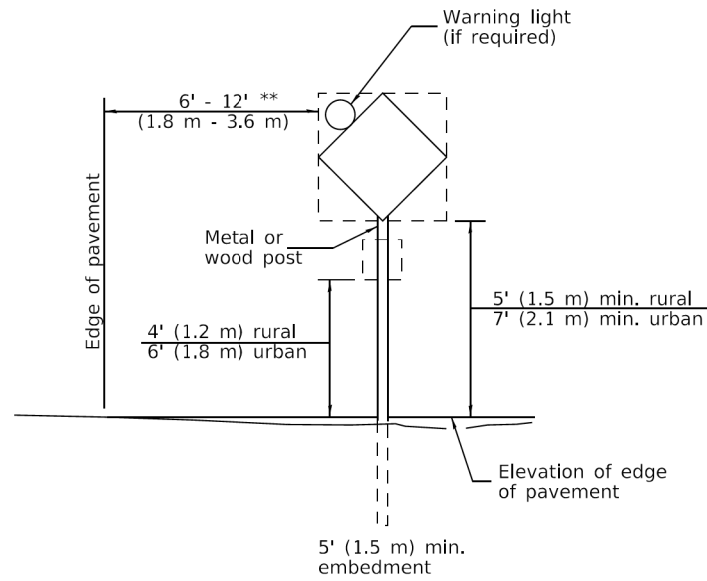


**VILLAGE OF VILLA PARK
ENGINEERING DIVISION**

IDOT HIGHWAY STANDARDS

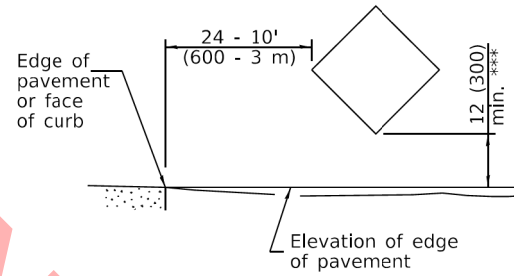
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	37
ILLINOIS				



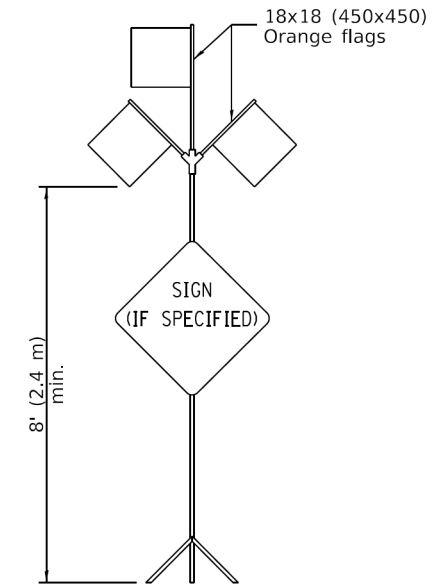
POST MOUNTED SIGNS

** 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

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

END CONSTRUCTION
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-III5(0)-3618
SPEED LIMIT	R2-1-3648
XX	
PHOTO ENFORCED	R10-1108p-3618 ****
\$XXX FINE MINIMUM	R2-1106p-3618

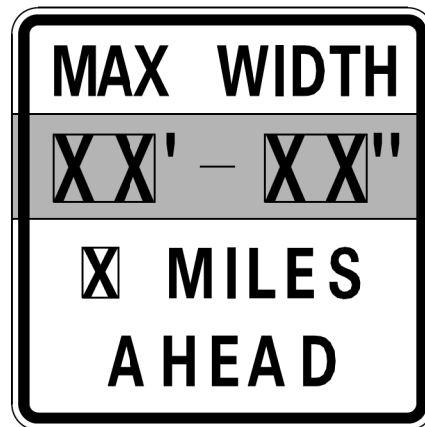
Sign assembly as shown on Standards or as allowed by District Operations.

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

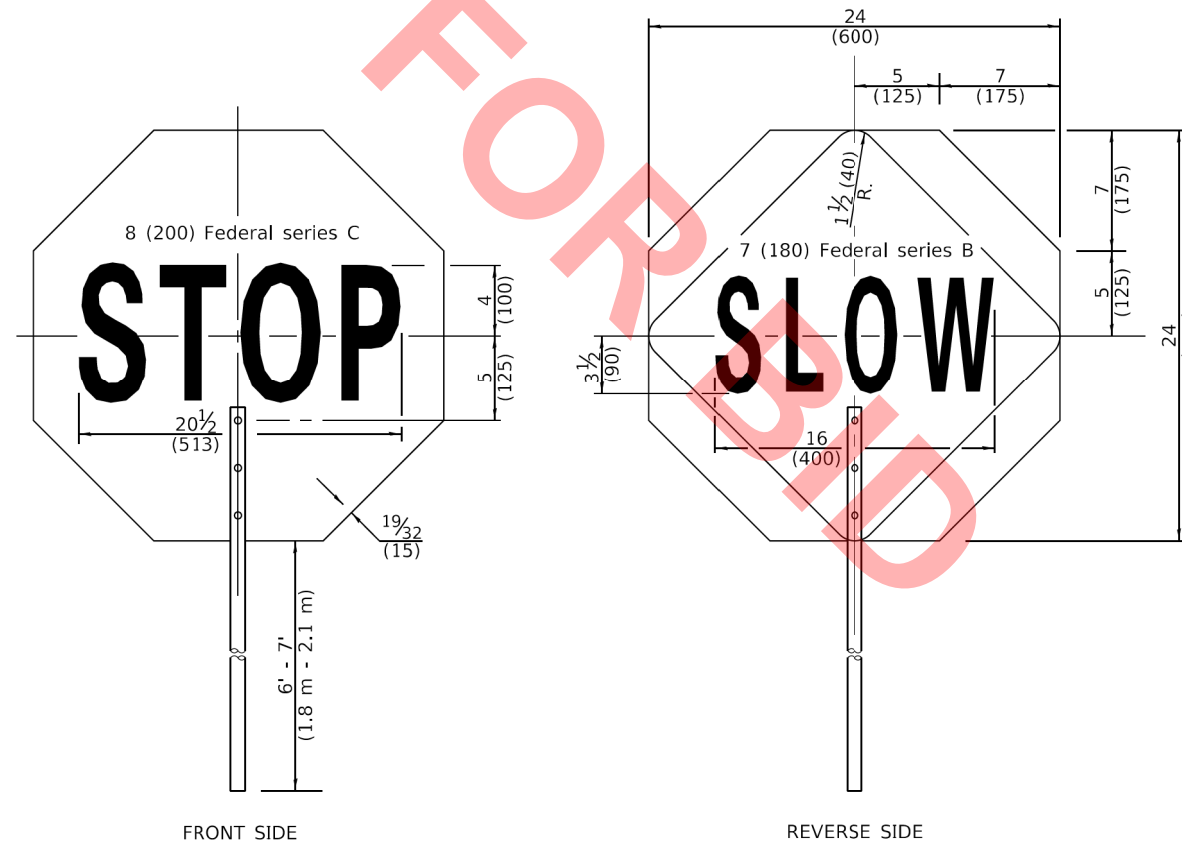
**** R10-1108p shall only be used along roadways under the jurisdiction of the State.



W12-1103-4848

WIDTH RESTRICTION SIGN

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



FLAGGER TRAFFIC CONTROL SIGN

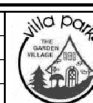
Illinois Department of Transportation

APPROVED January 1, 2019
Cynthia Ott
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
Scott E. ...
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

USER NAME = nihochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE - 08-03-22	REVISED -



VILLAGE OF VILLA PARK
ENGINEERING DIVISION

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

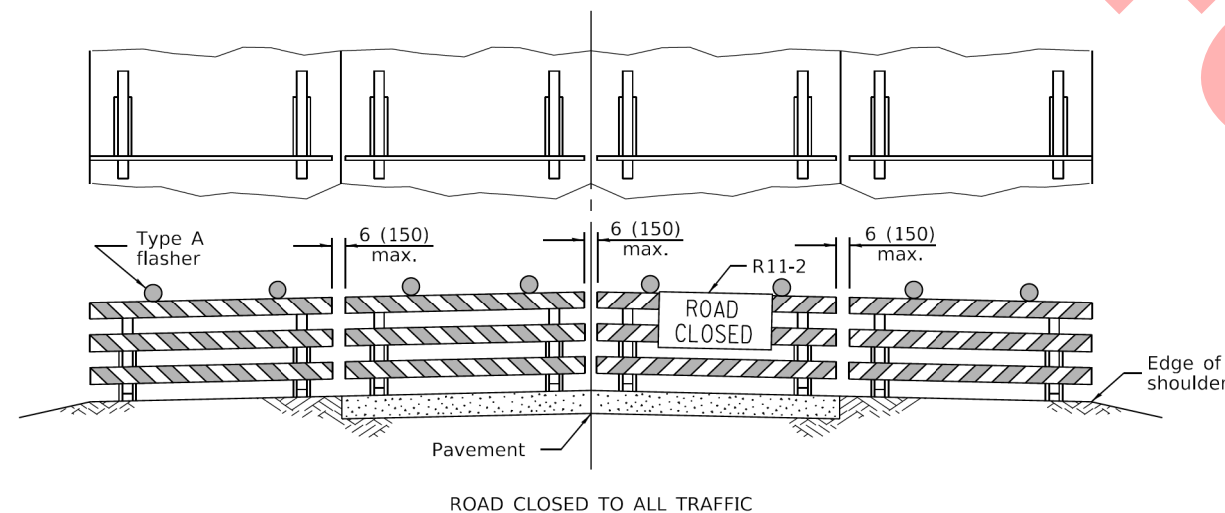
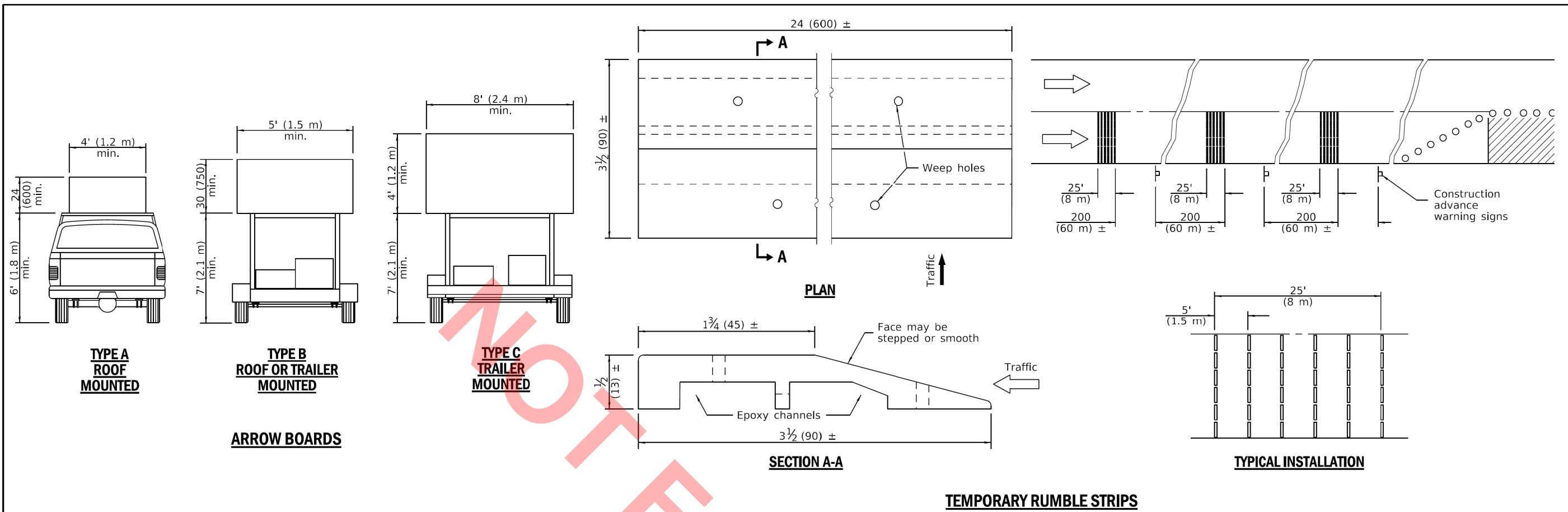
TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

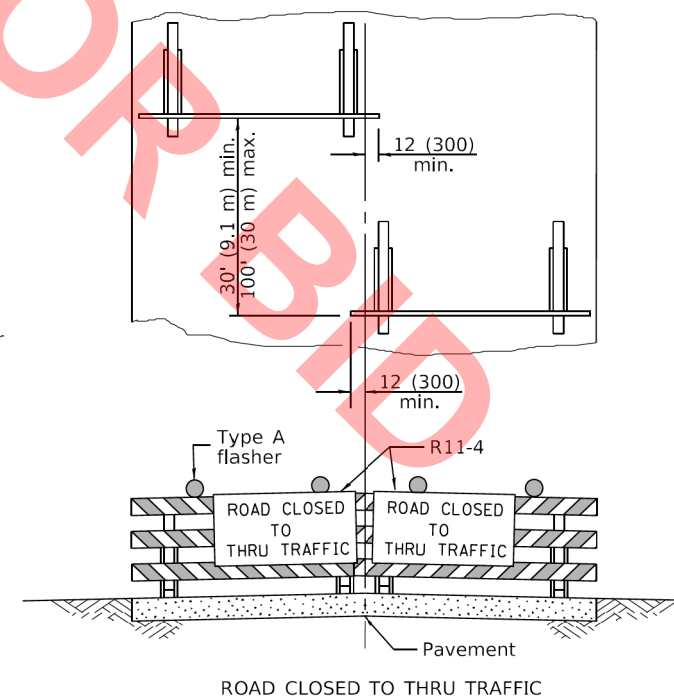
STANDARD 701901-08

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	38
ILLINOIS				





Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

(Sheet 3 of 3)

STANDARD 701901-08

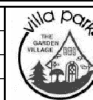
Illinois Department of Transportation

APPROVED January 1, 2019
 ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
 ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

USER NAME = nrhochstetter	DESIGNED -	REVISED -
FILE NAME = 0016-IDOT Hwy Std- District Details	DRAWN -	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/2/2022	DATE = 08-03-22	REVISED -



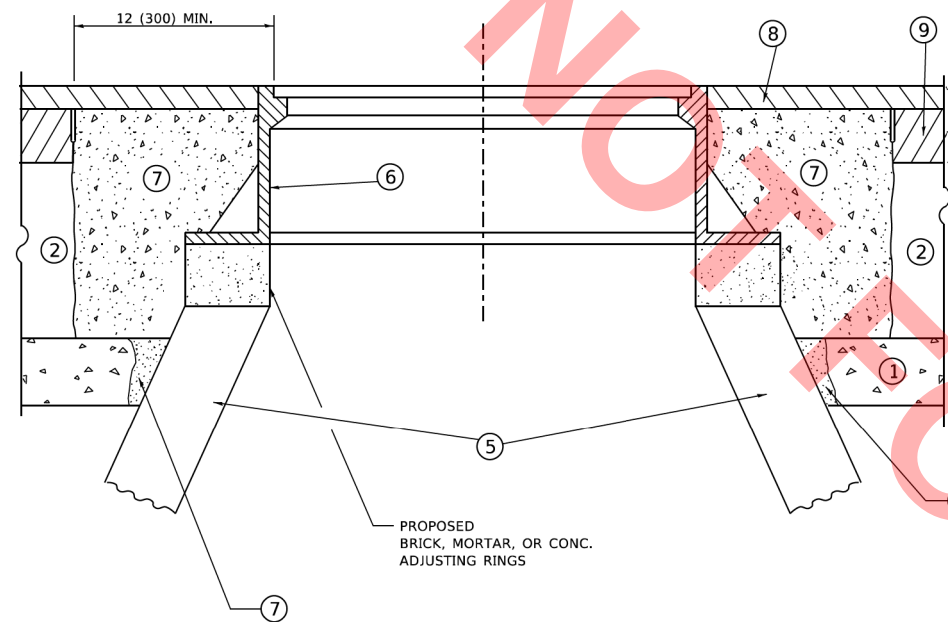
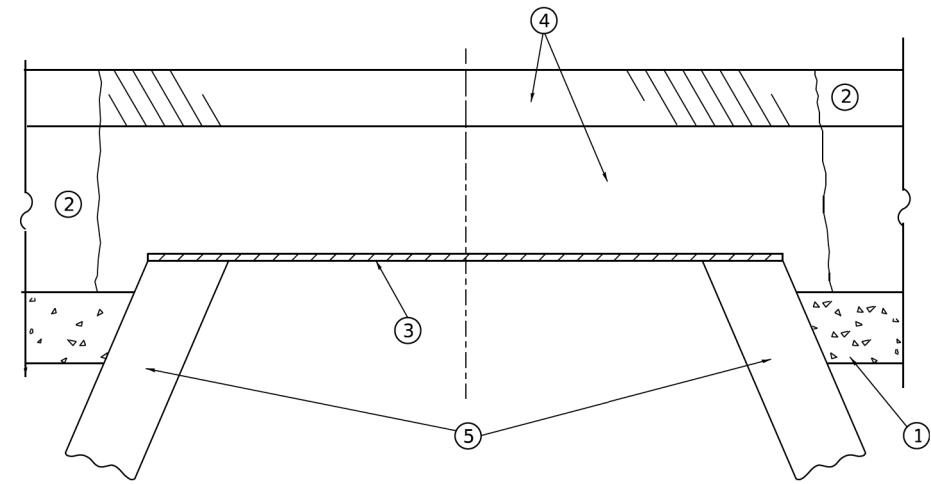
VILLAGE OF VILLA PARK
 ENGINEERING DIVISION

IDOT HIGHWAY STANDARDS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	39
ILLINOIS				





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

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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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BD600-03 (BD-08)		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

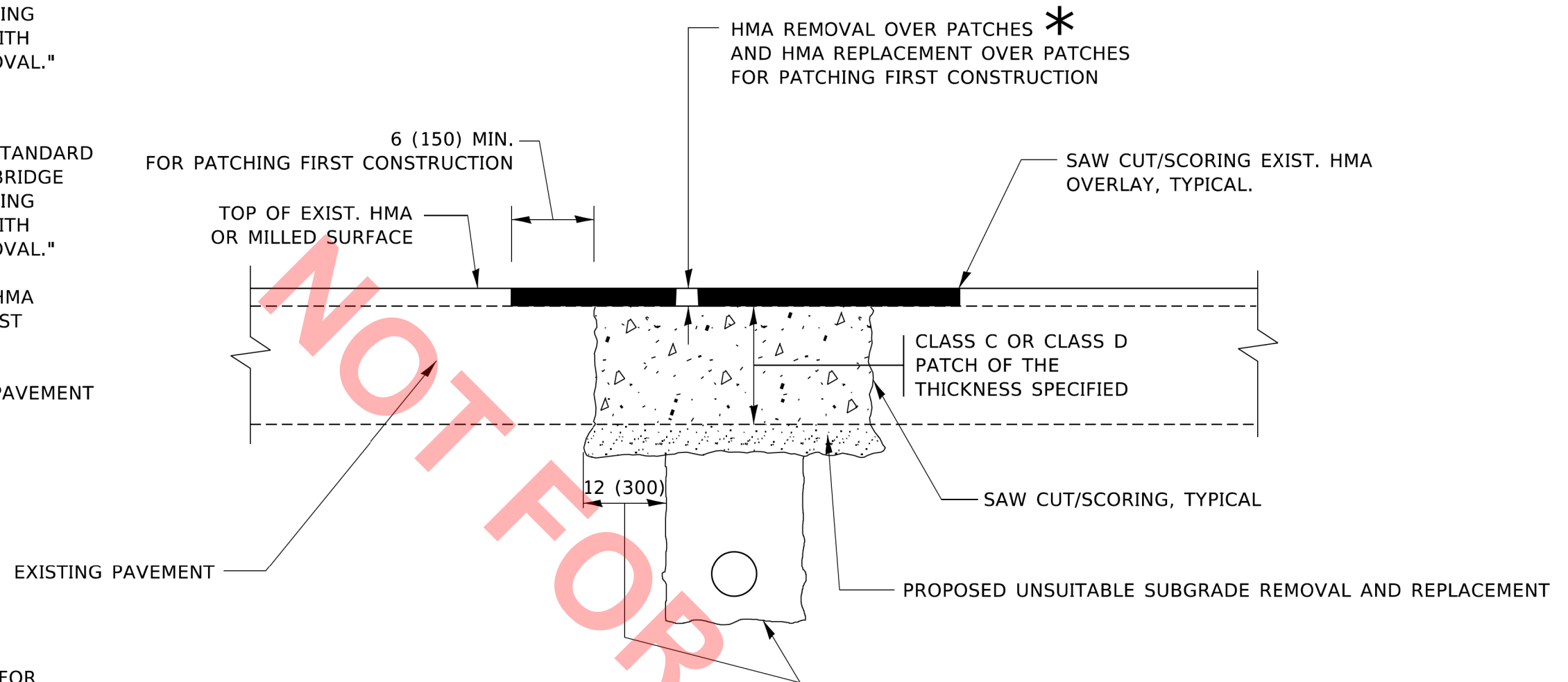
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	DRAWN -	REVISED - R. BORO 03-09-11
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

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.

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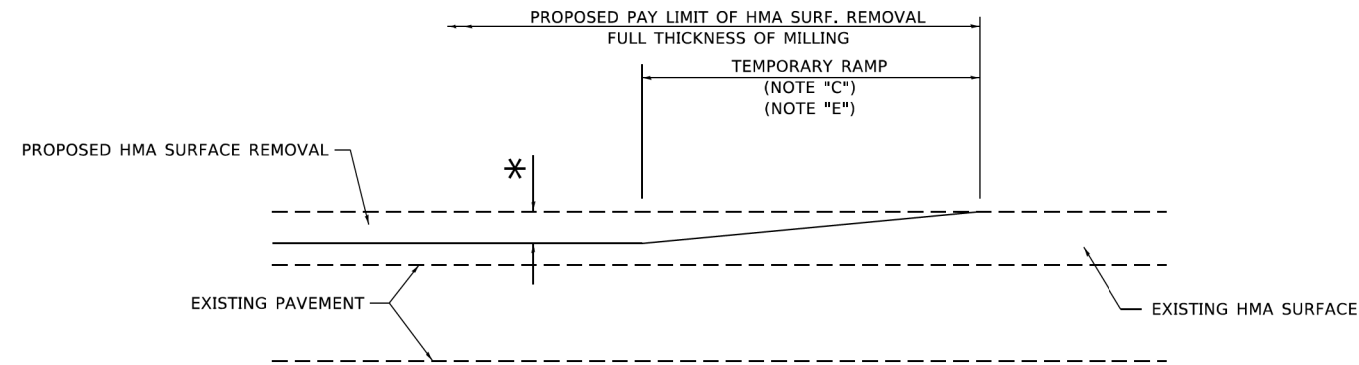
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT**

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

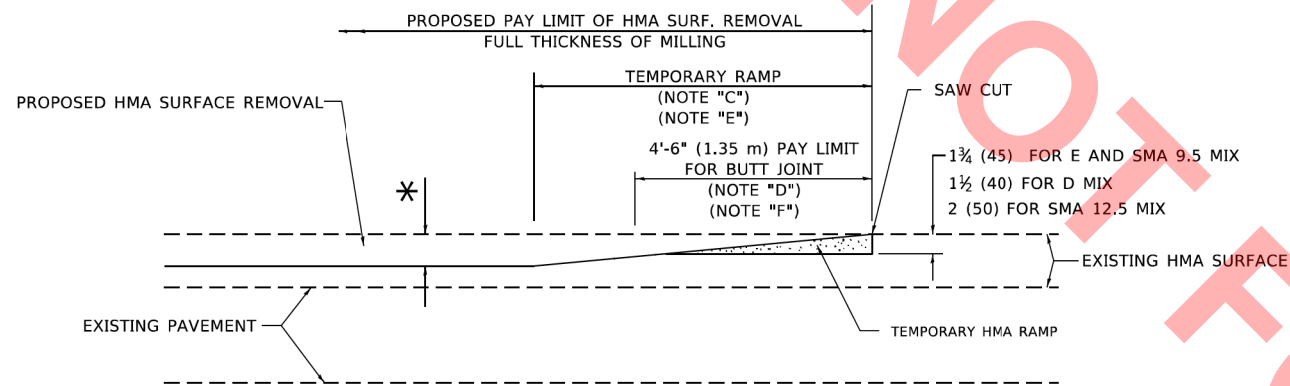
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	41
BD400-04 (BD-22)			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

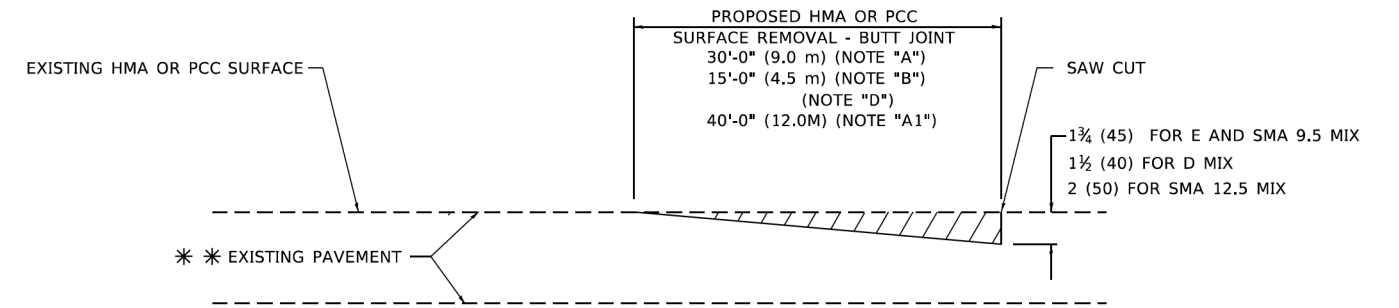


HMA CONSTRUCTED TEMPORARY RAMP

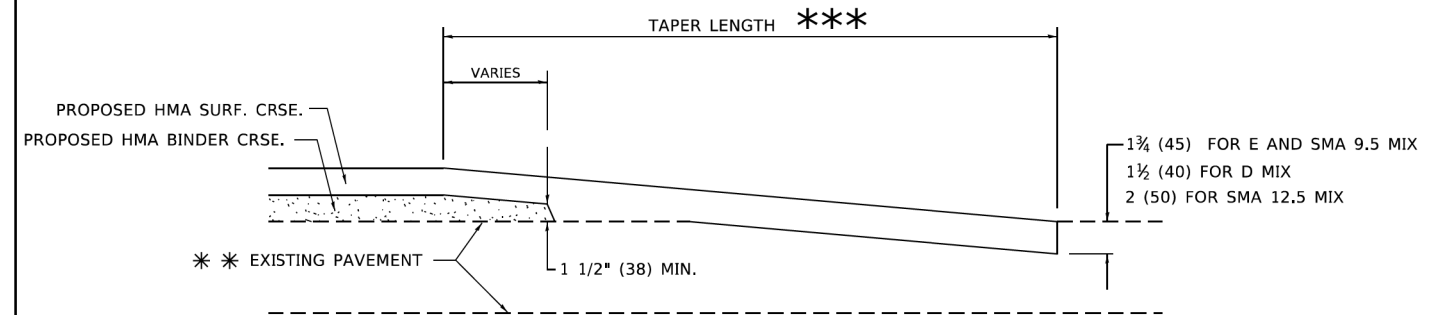
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

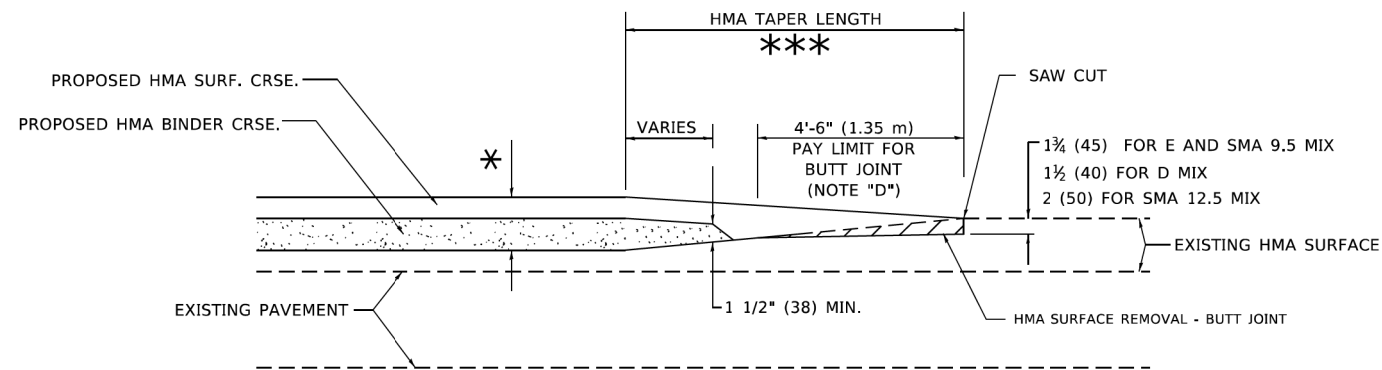
GENERAL NOTES

- 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.

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

MODEL: Default
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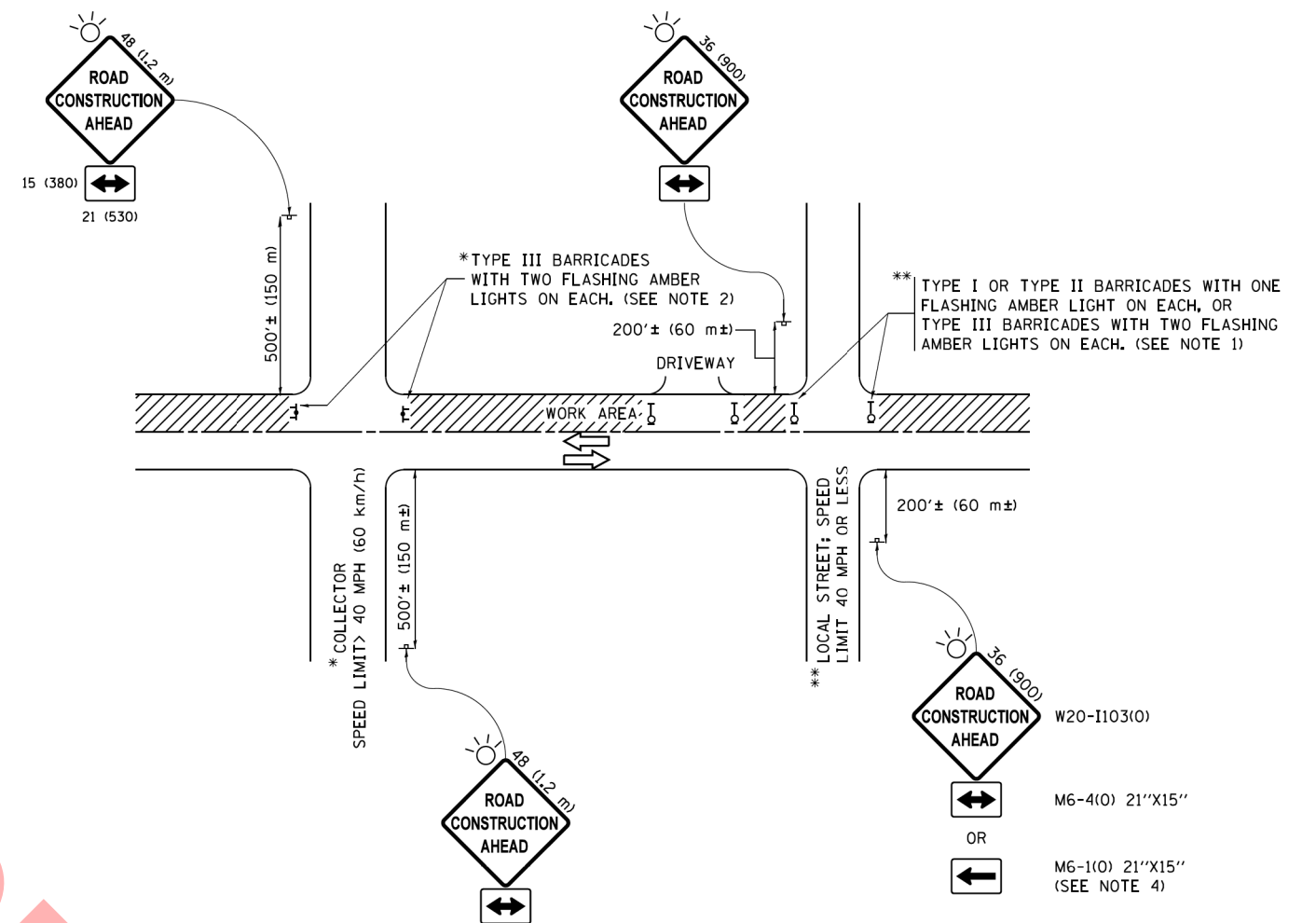
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-R5	DUPAGE	47	43
BD400-05 BD-32		CONTRACT NO.		
ILLINOIS FED. AID 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.

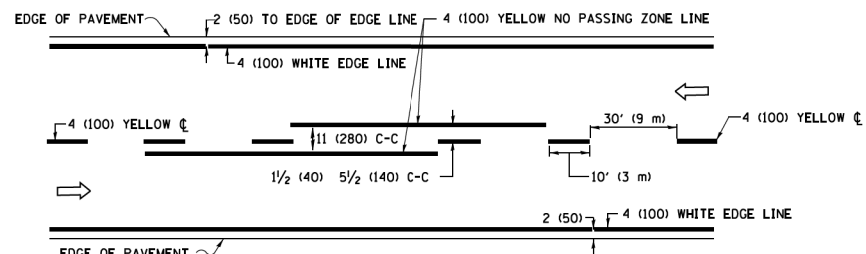
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

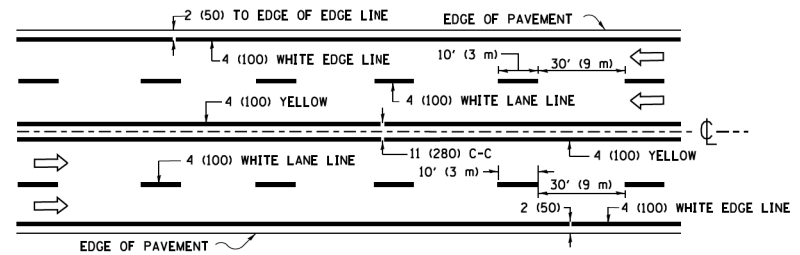
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

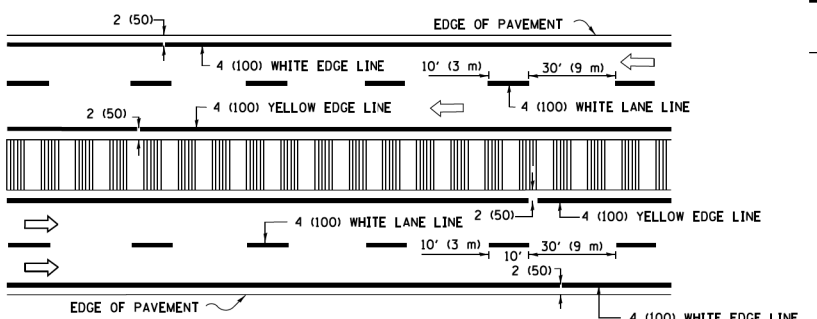
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS		47	44
TC-10			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

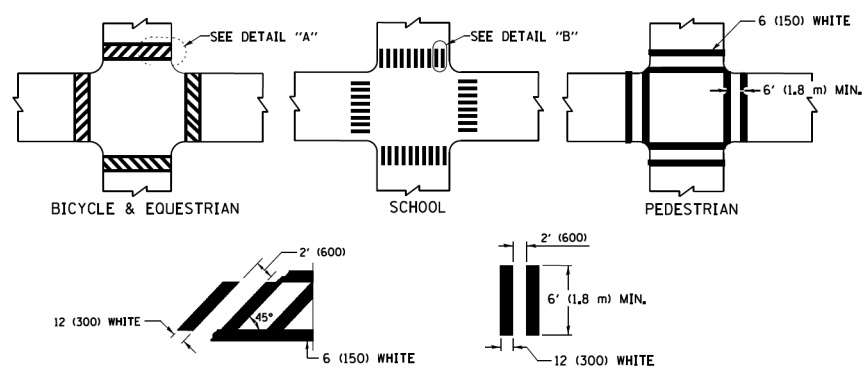


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

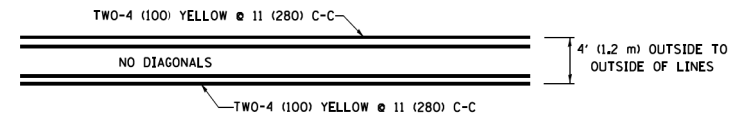


DETAIL "A"

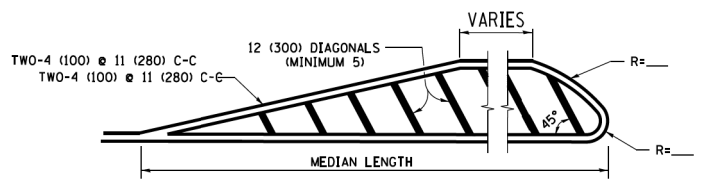
DETAIL "B"

TYPICAL CROSSWALK MARKING

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



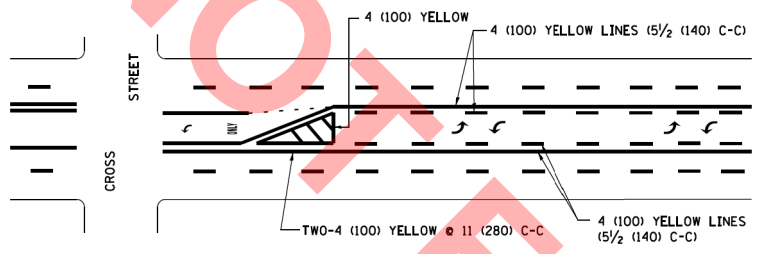
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

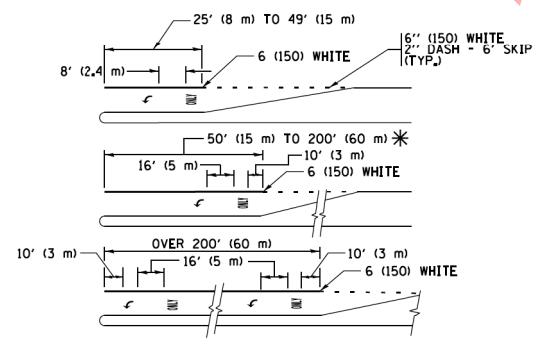
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

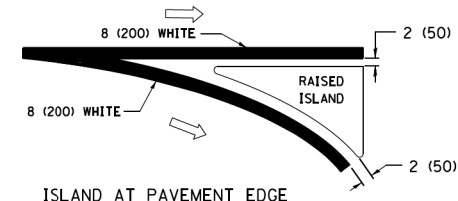
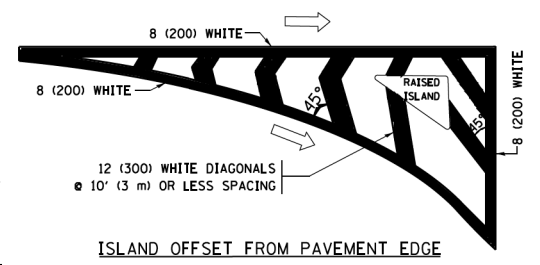


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

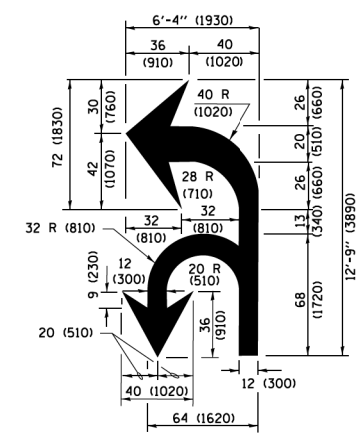
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

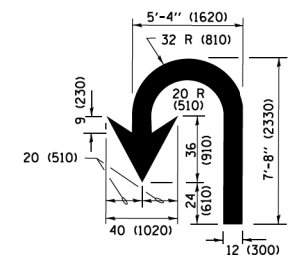
TYPICAL TURN LANE MARKING



TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

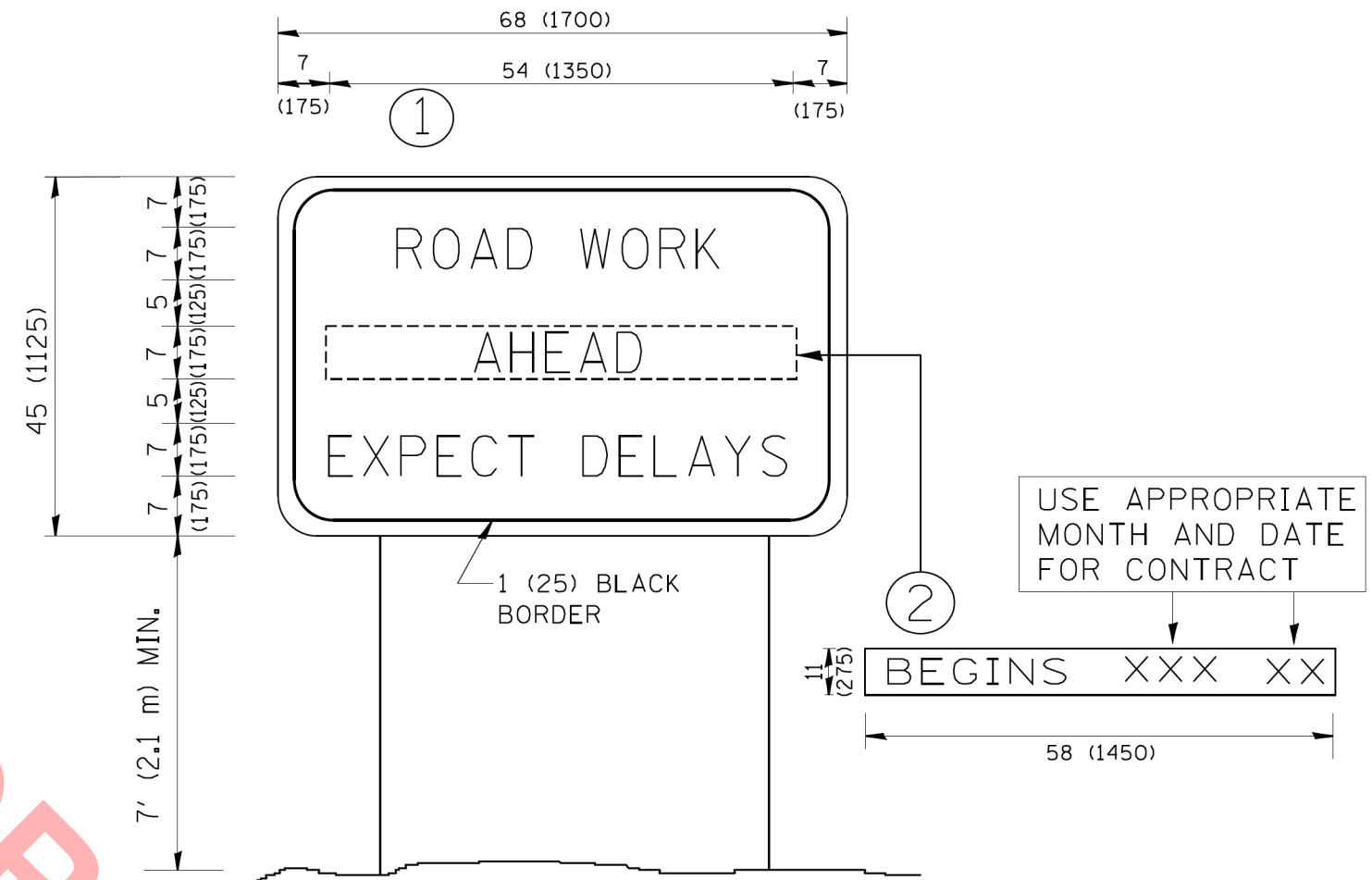
FILE NAME =	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\Dist 1\CADData\CADsheets\tc13.dgn		DRAWN -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 50,000 / 1 in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	45
TC-13		CONTRACT NO.		
ILLINOIS/FED. AID PROJECT				

NOT FOR BIDDING



NOTES:

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

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

FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gegl1enobt	DESIGNED - DRAWN -	REVISED - R. MIRS 09-15-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	46
TC-22		CONTRACT NO.		
<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>				



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".

NOT FOR BID

FILE NAME =	USER NAME = gaglianob	DESIGNED -	REVISED - C. JUCIUS 02-15-07
ca\pwork\pwork\gaglianob\d0108315\tp6.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	22-00101-00-RS	DUPAGE	47	47
TC-26			CONTRACT NO.	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				