

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	1
ILLINOIS CONTRACT NO. 61H37				

01-21-2022 LETTING ITEM 069

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

MUN 4035 (FOSTER AVE)
CENTRAL AVE TO SPRUCE AVE
RESURFACING
SECTION NO.: 20-00053-00-RS
PROJECT NO.: 8BD2(943)
CITY OF WOOD DALE
DuPAGE COUNTY
C-91-117-21

TRAFFIC DATA

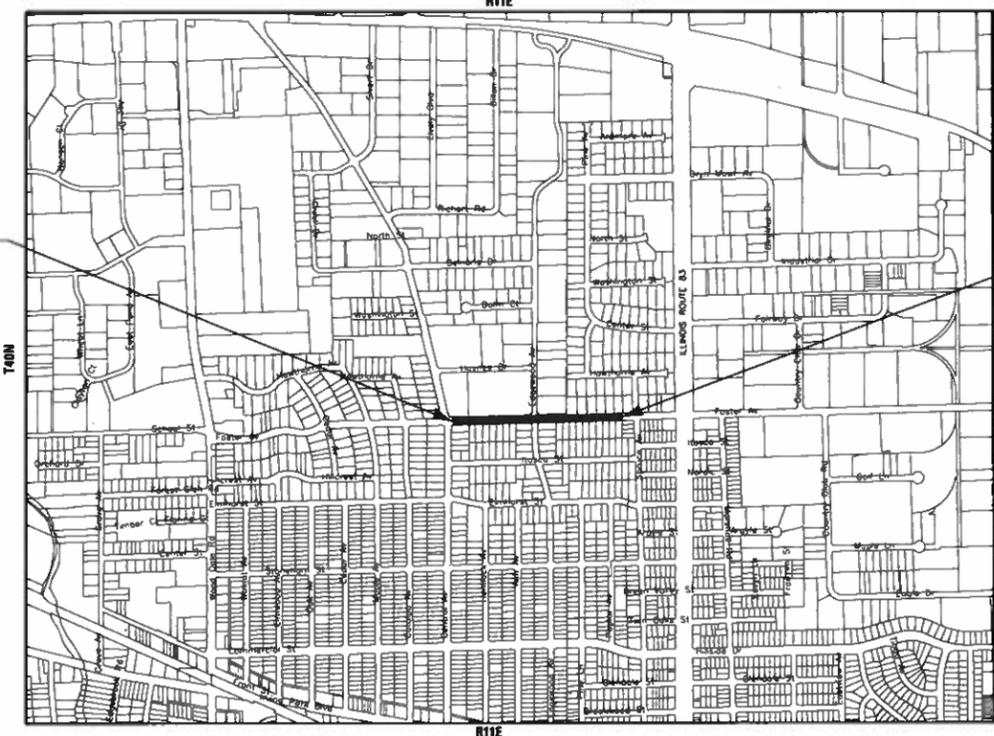
FOSTER AVENUE
POSTED SPEED : 30 MPH
2020 ADT: 4100

FUNCTIONAL CLASSIFICATION

MINOR COLLECTOR

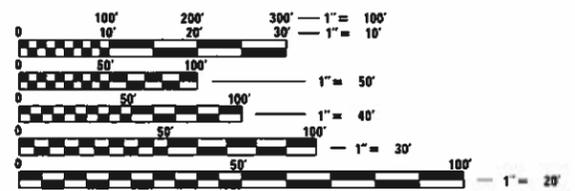


LOCATION MAP
NOT TO SCALE



BEGIN RESURFACING
FOSTER AVENUE
STA 100 + 54

END RESURFACING
FOSTER AVENUE
STA 119 + 73



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

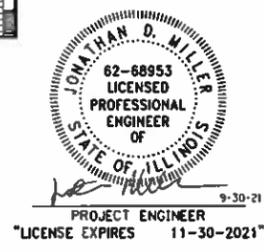
J.U.L.I.E. DESIGN STAGE REQUEST
DIG. No. A1582325



CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
COUNTY - DuPAGE
CITY-TWNSHP. - WOOD DALE - ADDISON
SEC. & 1/4 SEC. NO. - S17 E 1/2
48 HOURS (2 working days) BEFORE YOU DIG

CONTRACT NO. 61H37

GROSS LENGTH = 1,919.00 FT. = 0.363 MILE
NET LENGTH = 1,919.00 FT. = 0.363 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

APPROVED 10-4-21
Alan Rouse
PUBLIC WORKS DIRECTOR, CITY OF WOOD DALE

PASSED NOV 8, 2021
[Signature]
DISTRICT 1 ENGINEER OF LOCAL ROADS AND STREETS

RELEASING FOR BID
BASED ON LIMITED
REVIEW NOVEMBER 8, 2021
Jose Rios
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

B&W PROJECT NO.: 191614 DATE: 9-28-21

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

INDEX OF SHEETS

- 1 COVER
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
- 3 - 6 SUMMARY OF QUANTITIES
- 7 TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS
- 8 - 9 ROADWAY PLAN
- 10 SIDEWALK DETAIL
- 11 - 12 MISCELLANEOUS DETAILS
- 13 BD-8 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
- 14 BD-32 BUTT JOINT AND HMA TAPER DETAILS
- 15 TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAY
- 16 TC-13 TYPICAL PAVEMENT MARKINGS
- 17 TC-16 SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
- 18 TC-22 ARTERIAL ROAD INFORMATION SIGN

HIGHWAY STANDARDS

- 000001-08 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 424001-11 PERPENDICULAR CURB RAMPS FOR SIDEWALKS
- 442201-03 CLASS C AND D PATCHES
- 606001-08 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
- 701502-09 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-10 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
2. UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS
3. THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN CITY UTILITY LOCATIONS.
4. THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CITY RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
5. ACCESS TO PRIVATE DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. TEMPORARY RAMPS SHALL BE CONSTRUCTED AS NEEDED TO PROVIDE SUCH ACCESS, UTILIZING THE PAY ITEM "TEMPORARY ACCESS (PRIVATE ENTRANCE)" OR "TEMPORARY ACCESS (COMMERCIAL ENTRANCE)".
6. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
7. THE DAYS PAVING OPERATION SHOULD RESULT IN A SINGLE TRANSVERSE JOINT. ANY COLD LONGITUDINAL JOINTS WILL NOT BE ACCEPTED. PROVIDING A SINGLE TRANSVERSE JOINT SHALL BE ACCOMPLISHED BY PAVING ONE LANE OF SUFFICIENT LENGTH THAT WILL ALLOW FOR THE PAVING OF THE ADJACENT LANE IN THE SAME DAY.
8. DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE CONSTRUCTION WORK. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.
9. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND SHALL NOT EXCEED 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. A MAXIMUM GRADE DIFFERENCE OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H), AS DETERMINED BY THE ENGINEER.

COMMITMENTS

NONE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:06 PM
 FILE NAME: I:\Crystal Lake\WDDLC\191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-GenNotes.dgn
 ..\picdrv\pdf\BW_Default.plt
 ..\191614_Foster-Plans\set.tbl
 I:\Crystal Lake\WDDLC\191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-GenNotes.dgn

	USER NAME = 642jdm	DESIGNED - JDM	REVISED -
		DRAWN - KAR	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JDM	REVISED -
	PLOT DATE = 10/27/2021	DATE - 9-28-21	FILE - 191614_SHT-GenNotes.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	2
CONTRACT NO. 61H37				

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				STP FUNDS 70% FEDERAL 30% CITY
				ROADWAY 0005 URBAN
20200100	EARTH EXCAVATION	CU YD	35	35
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	107	107
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	165	165
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	320	320
25000100	SEEDING, CLASS 1	ACRE	0.1	0.1
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	9	9
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	9	9
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	9	9
25100115	MULCH, METHOD 2	ACRE	0.1	0.1
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	10	10
28000510	INLET FILTERS	EACH	24	24
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	55	55
35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	53	53
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	309	309
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	82	82

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 MODEL - Default
 FILE NAME - \\corp.baxwood.com\Projects\Crystal Lake\WDDLC\191614_SHT-500.dgn
 ...\\plotdrv\pdf-BW_Default.plt
 ...\\191614_Foster-Plans\tbl
 \\corp.baxwood.com\Projects\Crystal Lake\WDDLC\191614_FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-500.dgn



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000' / 1"	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-500.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

MUN RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	3
CONTRACT NO. 61H37			ILLINOIS	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				STP FUNDS 70% FEDERAL 30% CITY
				ROADWAY
				0005
				URBAN
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,930	5,930
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	2	2
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	75	75
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	411	411
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	860	860
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	53	53
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	300	300
42400800	DETECTABLE WARNINGS	SQ FT	20	20
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	8.774	8.774
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	135	135
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	959	959
44000600	SIDEWALK REMOVAL	SQ FT	300	300
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	106	106
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	194	194
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	360	360

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:25 PM
 MODEL: Default
 FILE NAME: \\corp.baxwood.com\Projects\Crystal Lake\WDDLC\191614_FY 21-22_Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-500.dgn



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-500.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	4
CONTRACT NO. 61H37			ILLINOIS	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				STP FUNDS 70% FEDERAL 30% CITY
				ROADWAY
				0005
				URBAN
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	5	5
67100100	MOBILIZATION	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
70102637	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	EACH	1	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4,310	4,310
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,440	1,440
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	276	276
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	9,130	9,130
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	440	440
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	320	320

* INDICATES SPECIALTY ITEM

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:30 PM
 MODEL: Default
 FILE NAME: \\corp.baxwood.com\Projects\Crystal Lake\WDDLC\191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-SOQ.dgn



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-SOQ.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

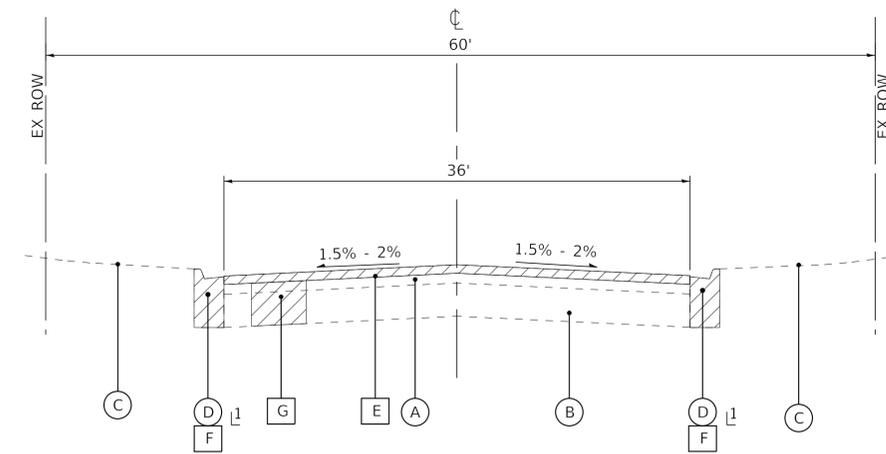
SUMMARY OF QUANTITIES

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	5
CONTRACT NO. 61H37				

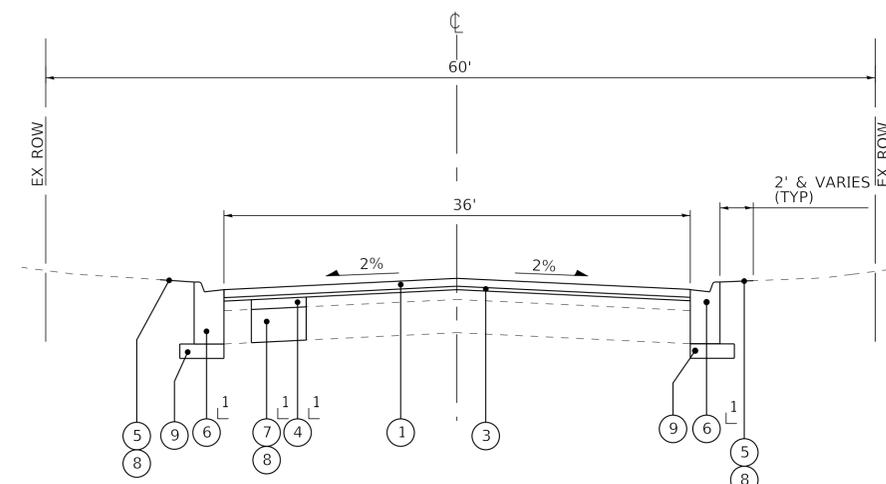
ILLINOIS

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 11/15/2021 7:54:35 AM
 FILE NAME: I:\Crystal Lake\WDD\CL191614_SHT-TypSec.dgn
 FILE PATH: I:\Crystal Lake\WDD\CL191614_SHT-TypSec.dgn
 ...\\oldrv\pdf\BW_Default.plt
 ...\\191614_Foster\Plans\set.tbl
 I:\Crystal Lake\WDD\CL191614_FY 21-22_Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-TypSec.dgn



EXISTING TYPICAL SECTION
 FOSTER AVENUE

1 AS DETERMINED BY THE ENGINEER



PROPOSED TYPICAL SECTION
 FOSTER AVENUE

1 AS DETERMINED BY THE ENGINEER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1 3/4"	4% @ 50 Gyr.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 Gyr.	QC/QA
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50; 3" (IN 2 LIFTS)	4% @ 50 Gyr.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0mm); 6"	4% @ 70 Gyr.	QC/QA
QMP designation: Quality Control/Quality Assurance (QC/QA)		

NOTES:
 1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 2. 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.

LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.

NOTE:
 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE, 5.0" - 8.5"
- (B) EXISTING AGGREGATE BASE COURSE, 11.75" - 14.5"
- (C) GROUND SURFACE
- (D) EXISTING COMBINATION CURB AND GUTTER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
- (F) REMOVE EXISTING COMBINATION CURB & GUTTER
- (G) REMOVAL FOR PATCHING
- (Hatched) REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1 3/4"
- (2) (NOT USED)
- (3) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 3/4"
- (4) CLASS D PATCHES 6"
- (5) SEEDING, CLASS 1 & TOPSOIL FURNISH AND PLACE, 4"
- (6) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (7) AGGREGATE SUBGRADE IMPROVEMENT (SEE NOTE)
- (8) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS
- (9) AGGREGATE BASE COURSE, TYPE B 4"



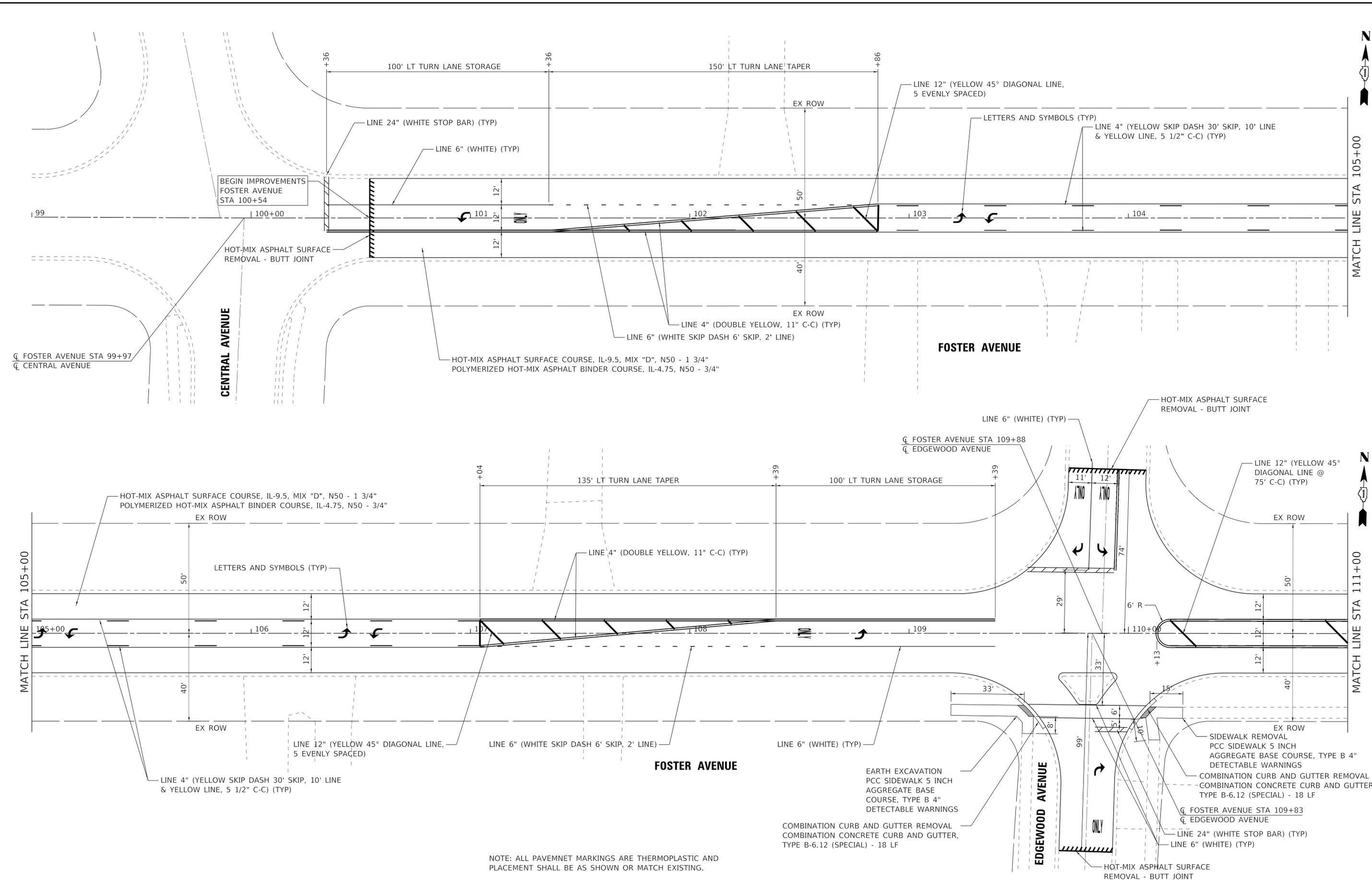
USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000 ' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 11/15/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-TypSec.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE. 4035	SECTION 20-00053-00-R5	COUNTY DuPAGE	TOTAL SHEETS 18	SHEET NO. 7
CONTRACT NO. 61H37			ILLINOIS	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:44 PM
 FILE NAME: I:\Crystal Lake\WDD\CL191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-Plan1.dgn
 FILE PATH: ...\\oldrv\pdf\BW_Default.plt
 ...\\191614_Foster-Plan1.dgn
 I:\Crystal Lake\WDD\CL191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-Plan1.dgn



NOTE: ALL PAVEMENT MARKINGS ARE THERMOPLASTIC AND PLACEMENT SHALL BE AS SHOWN OR MATCH EXISTING.



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-Plan1.dgn

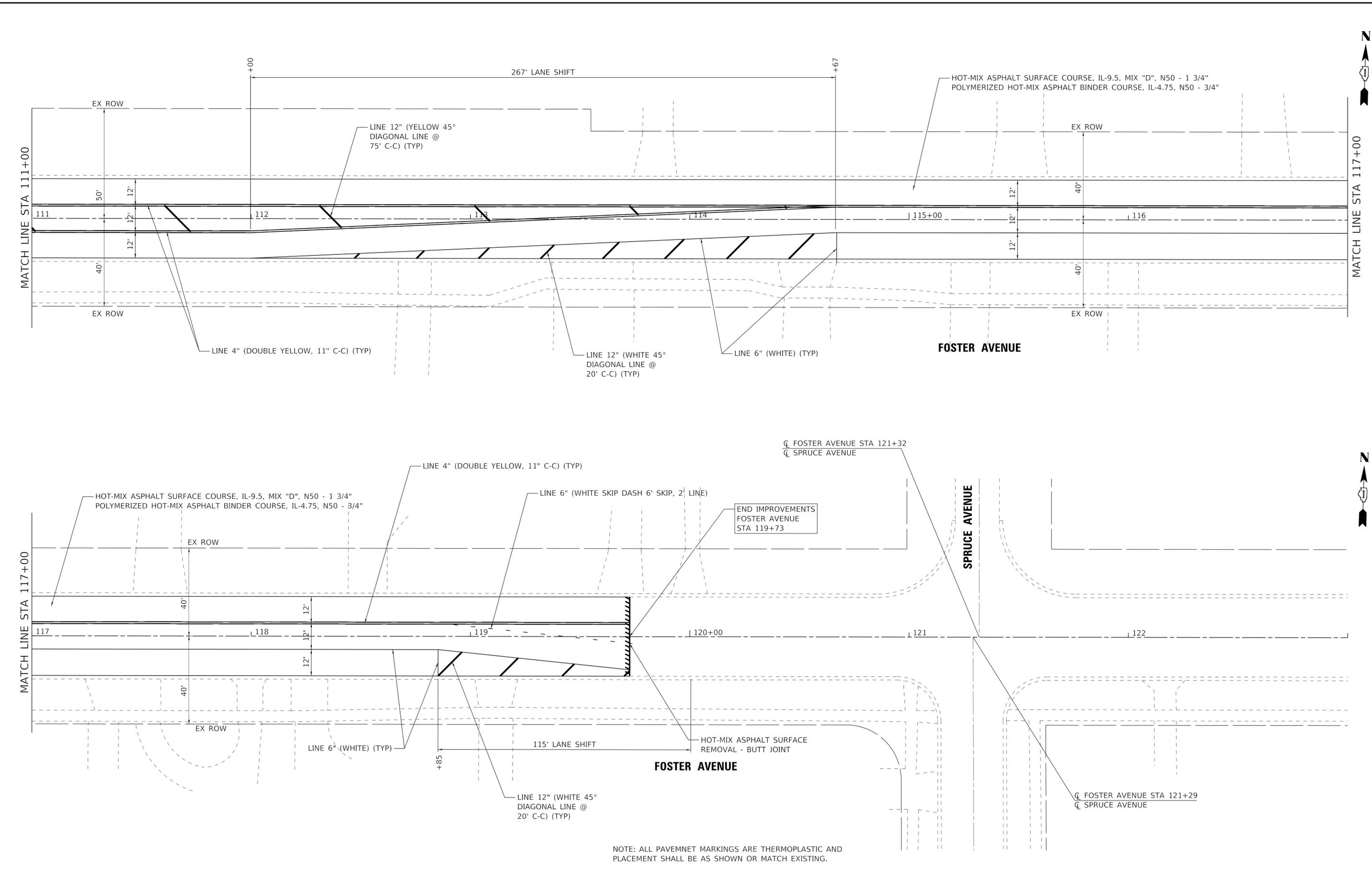
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: 1" = 20'		SHEET 1 OF 2 SHEETS		STA. 99+00 TO STA. 111+00	
-----------------	--	---------------------	--	---------------------------	--

ROADWAY PLAN

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	8
ILLINOIS			CONTRACT NO. 61H37	

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:46 PM
 FILE NAME: I:\Crystal Lake\WDD\191614_SHT-Plan2.dgn
 FILE PATH: I:\Crystal Lake\WDD\191614_SHT-Plan2.dgn
 ...\\oldrv\pdf\BW_Default.plt
 ...\\191614_Foster\PlanSet.tbl
 I:\Crystal Lake\WDD\191614_FY 21-22_Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-Plan2.dgn



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-Plan2.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

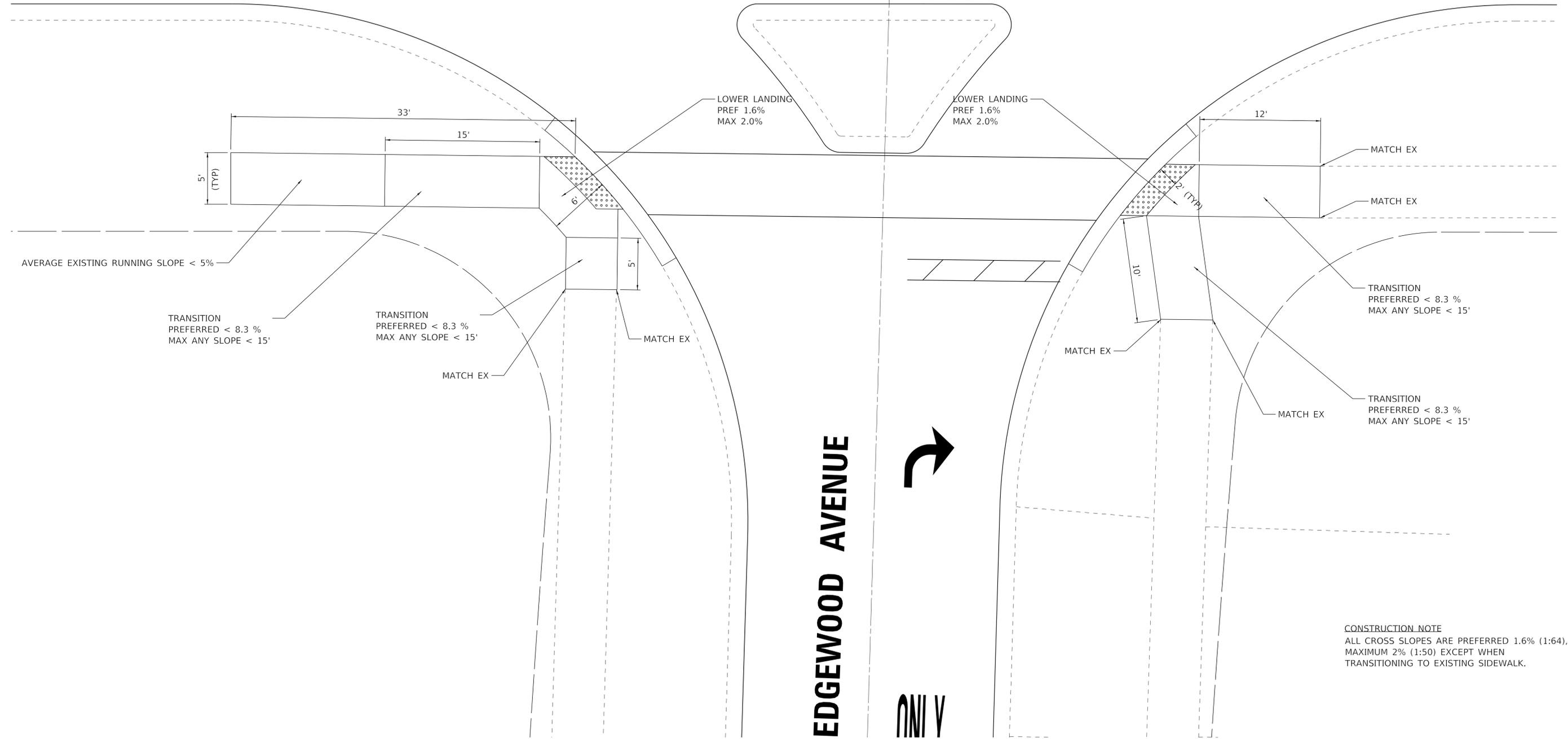
SCALE: 1" = 20'		SHEET 2 OF 2 SHEETS	STA. 99+00 TO STA. 111+00
-----------------	--	---------------------	---------------------------

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	9
				CONTRACT NO. 61H37

109

110+00

FOSTER AVENUE



CONSTRUCTION NOTE
 ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64),
 MAXIMUM 2% (1:50) EXCEPT WHEN
 TRANSITIONING TO EXISTING SIDEWALK.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:47 PM
 FILE NAME: I:\Crystal Lake\WDD\191614 FY 21-22 Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-ADA1.dgn



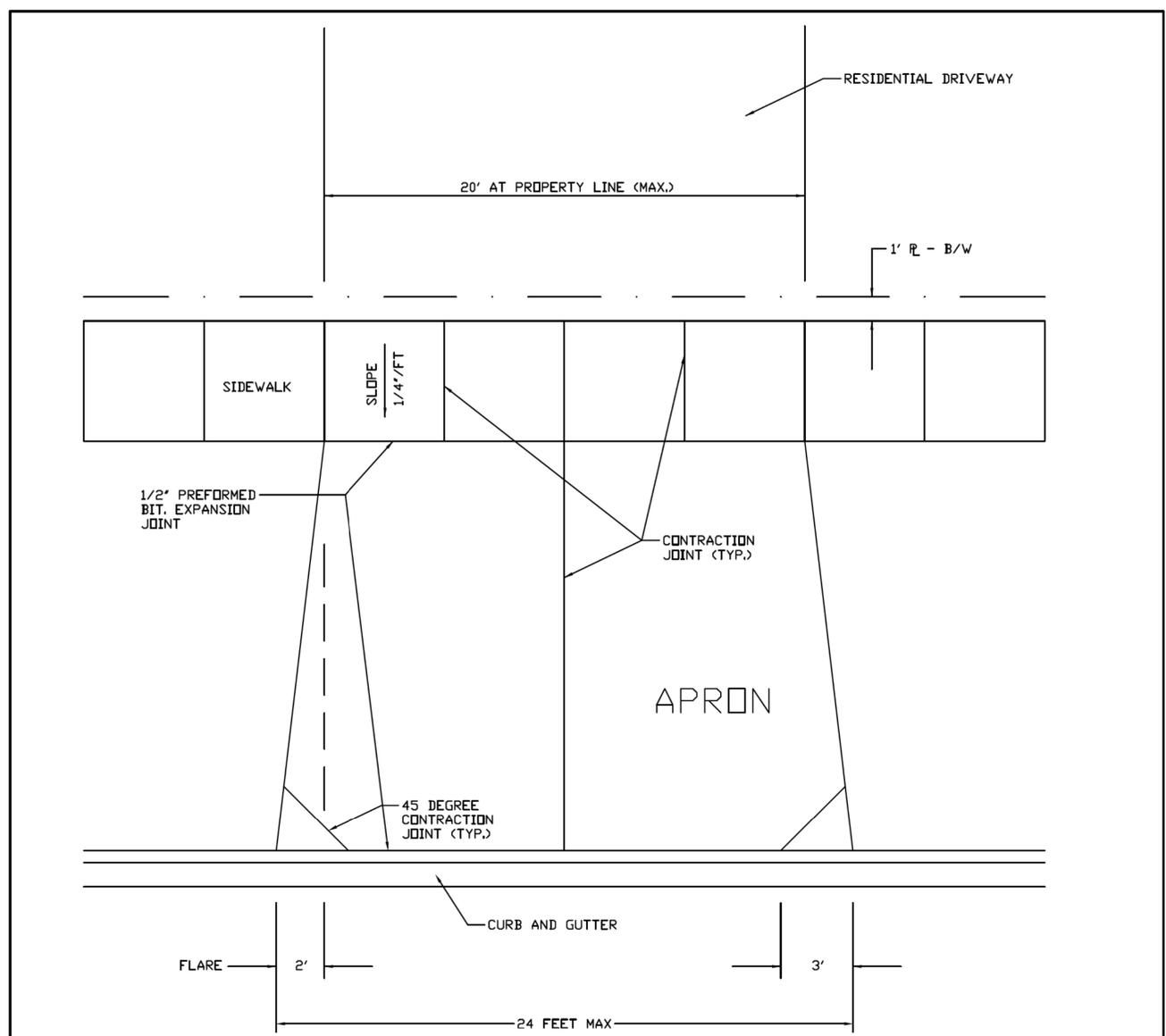
USER NAME = 642jdm	DESIGNED - JDM	REVISED -
	DRAWN - KAR	REVISED -
PLOT SCALE = 5.0000' / in.	CHECKED - JDM	REVISED -
PLOT DATE = 10/27/2021	DATE - 9-28-21	FILE - 191614_SHT-ADA1.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL	
FOSTER AVENUE AT EDGEWOOD AVENUE	
SCALE: 1" = 5'	SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE. 4035	SECTION 20-00053-00-RS	COUNTY DuPAGE	TOTAL SHEETS 18	SHEET NO. 10
			CONTRACT NO. 61H37	
ILLINOIS				

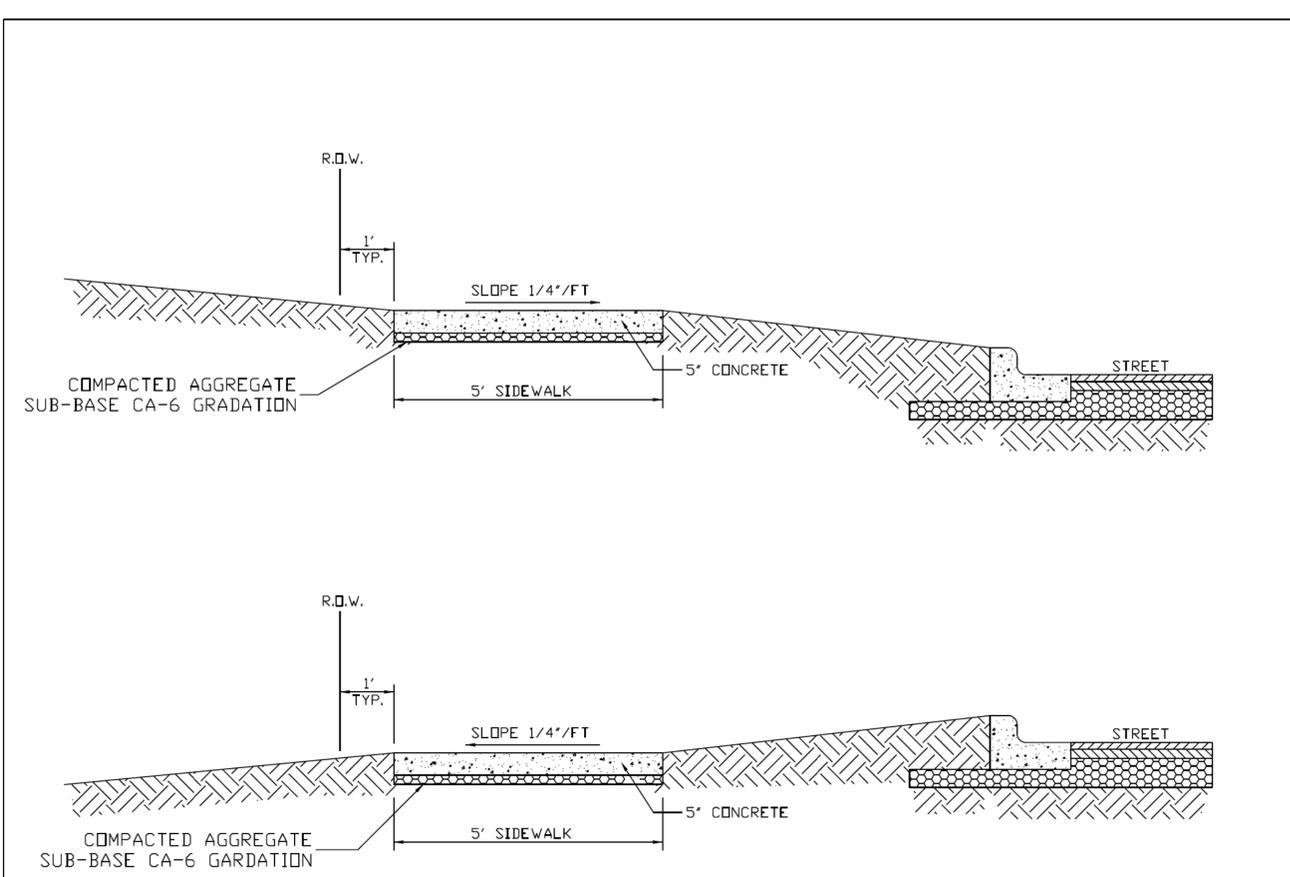
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:57:49 PM
 FILE NAME: I:\Crystal Lake\WDD\CL191614_SHT-MiscDetails.dgn
 FILE NAME: I:\Crystal Lake\WDD\CL191614_SHT-MiscDetails.dgn



GENERAL NOTES:

1. APRONS SHALL NOT EXCEED 20 FEET IN WIDTH MEASURED AT THE RIGHT-OF-WAY LINE NOR 24 FEET AT THE CURBLINE.
2. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPACTED.
3. MINIMUM THICKNESS FOR DRIVEWAY/APRONS: 6" P.C. CONCRETE ON 2" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION), OR 3" BITUMINOUS SURFACE ON 6" COMPACTED AGGREGATE SUB-BASE (CA-6 GRADATION).
4. SIDEWALK SHALL EXTEND THROUGH THE DRIVEWAY.
5. DRIVEWAYS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 8%.
6. DRIVEWAY APRONS SHALL HAVE A MINIMUM SLOPE OF 2% AND A MAXIMUM SLOPE OF 5%.
7. PATCHES ARE NOT ALLOWED IN NEW APRONS.

REV. 1	REV. 1	RESIDENTIAL DRIVEWAY/APRON	CITY OF WOOD DALE PAVEMENT 6
REV. 1	REV. 1		
DRAWN BY:	DATE: 4-3-18		



GENERAL NOTES:

1. CONCRETE SHALL BE CLASS SI.
2. MINIMUM SIDEWALK THICKNESS SHALL BE FIVE INCHES (5").
3. SIDEWALK THICKNESS ACROSS DRIVEWAYS SHALL BE SIX INCHES (6") MINIMUM FOR RESIDENTIAL DRIVEWAYS, AND EIGHT INCHES (8") MINIMUM FOR NON-RESIDENTIAL DRIVEWAYS.
4. MAXIMUM LONGITUDINAL SLOPE SHALL NOT EXCEED 6% (16:1).
5. MINIMUM TRANSVERSE SLOPE SHALL BE 1/4"/FT. (2%) TYPICAL. MAXIMUM TRANSVERSE SLOPE SHALL BE NO GREATER THAN 1/2"/FT. (4%) TYPICAL.
6. A TWO INCH (2") MINIMUM AGGREGATE SUB-BASE (CA-6 GRADATION) SHALL BE PROVIDED (FOUR INCHES (4") MINIMUM) THROUGH NON-RESIDENTIAL DRIVEWAYS).
7. AGGREGATE SUB-BASE COURSE SHALL BE MECHANICALLY COMPACTED.
8. ALL SIDEWALK SHALL BE PROMPTLY BACKFILLED AND PROTECTED FROM DAMAGE.

DRAWN: 4-3-18		SIDEWALK	CITY OF WOOD DALE PAVEMENT 2
REV.:			



USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-MiscDetails.dgn

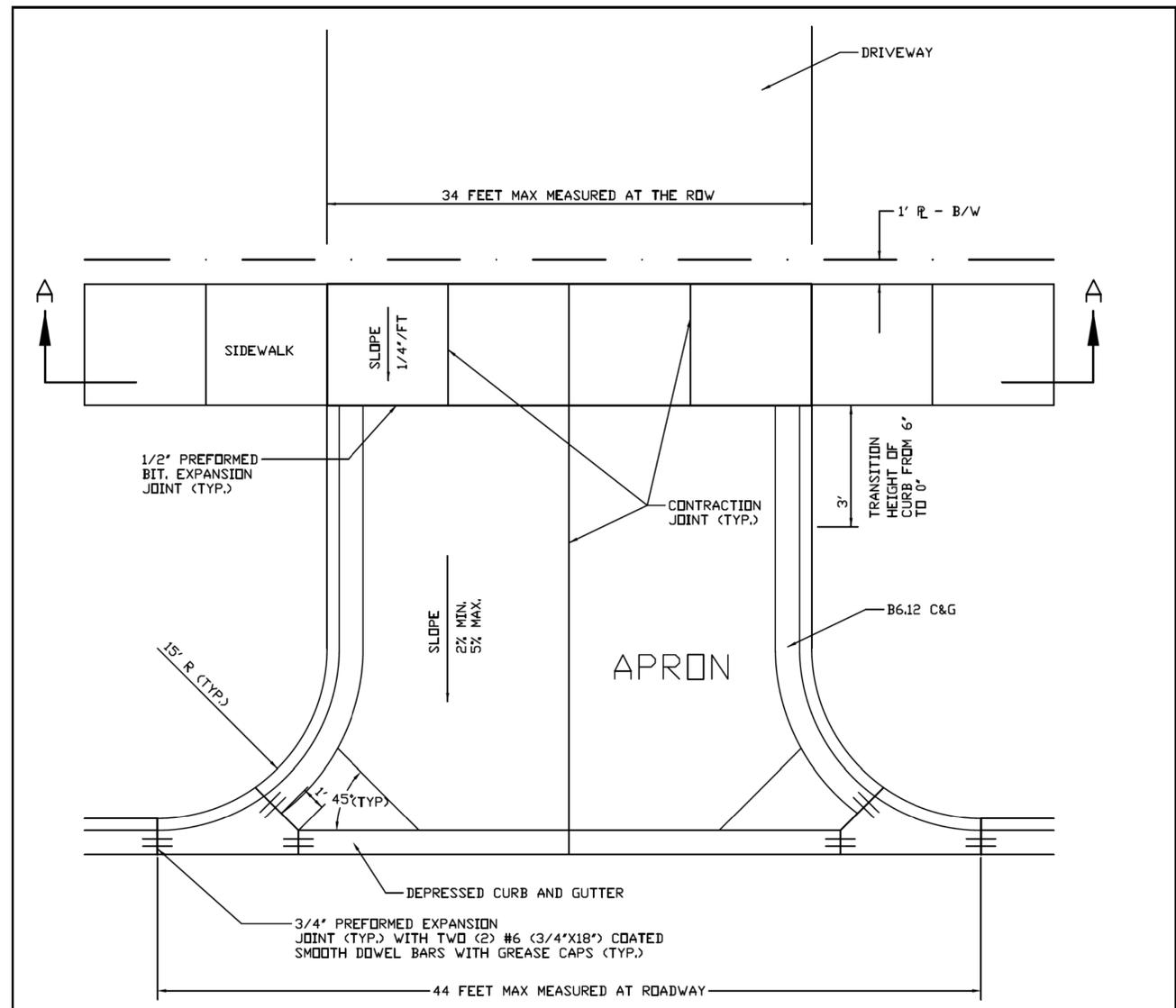
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

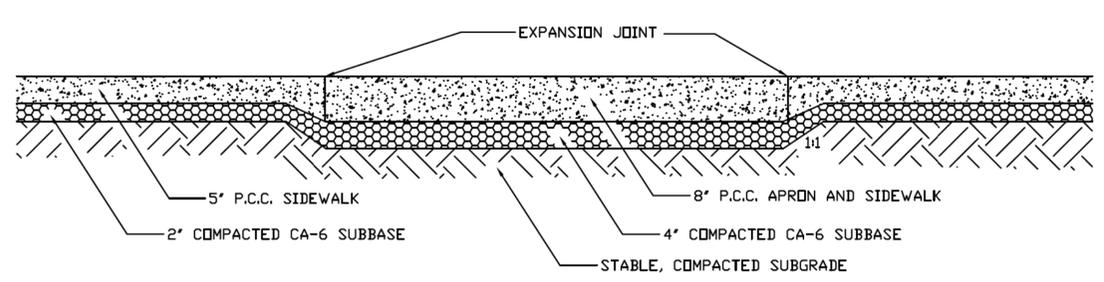
MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	11
				CONTRACT NO. 61H37
ILLINOIS				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2022
 642jdm 10/27/2021 1:58:00 PM
 FILE NAME: I:\Crystal Lake\WDD\CL191614_SHT-MiscDetails.dgn
 ...\\oldrv\pdf\BW_Default.plt
 ...\\191614_Poster-Plans\set.tbl
 I:\Crystal Lake\WDD\CL191614_FY 21-22_Roadway\40-Foster Avenue\CAD\Sheets\191614_SHT-MiscDetails.dgn



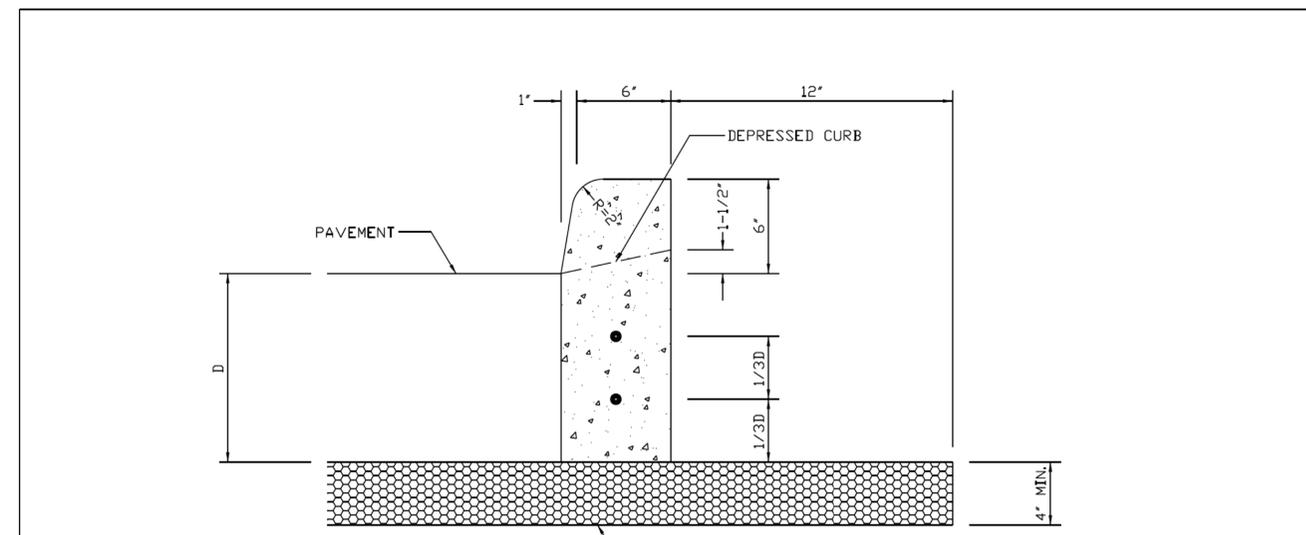
PLAN

NOTE:
 ALL AGGREGATE SUBGRADE SHALL
 BE MECHANICALLY COMPACTED.

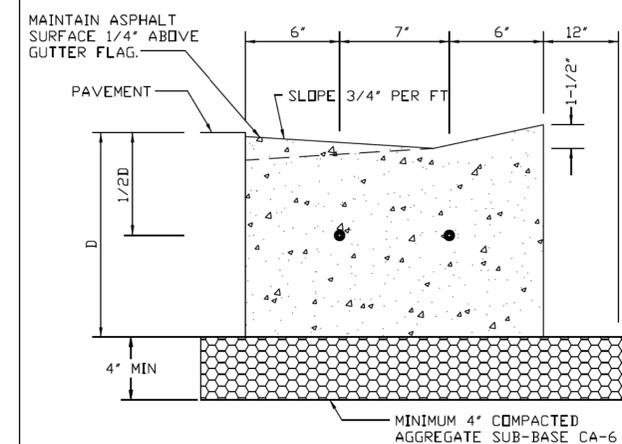


SECTION A-A

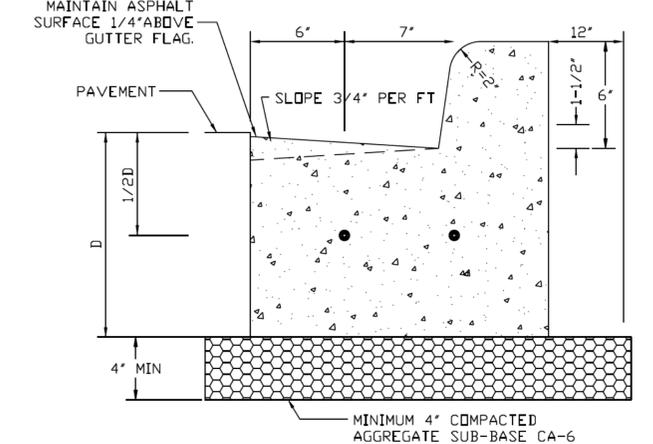
REV: 1	REV: 1	COMMERCIAL/INDUSTRIAL/ MULTI-FAMILY DRIVEWAY/APRON	CITY OF WOOD DALE
REV: 2	REV: 2		
DRAWN BY: 642jdm	DATE: 4-3-18		



6" CONCRETE CURB TYPE B



DEPRESSED COMBINATION CURB & GUTTER



COMBINATION CURB & GUTTER

GENERAL NOTES:

- 3/4" PREFORMED BITUMINOUS EXPANSION JOINT MATERIAL WITH TWO #6 COATED SMOOTH DOWEL BARS (3/4" DIAMETER X 18") WITH GREASED CAPS SHALL BE PLACED EVERY 45 FEET. THEY SHALL ALSO BE PLACED AT 10' EITHER SIDE OF DRAINAGE STRUCTURES, P.C.'S, RADIUS POINTS, AND BACK OF CUL-DE-SACS. WHEN EXPANSION JOINTS ARE CONSTRUCTED ADJACENT TO EXISTING CURB AND GUTTER, THE EXISTING CURB SHALL BE DRILLED, AND TWO # 6 COATED SMOOTH DOWEL BARS (3/4" DIAMETER X 18") SHALL BE GROUTED IN PLACE. GREASE CAPS SHALL BE PLACED ON THE SIDE OF THE NEW CURB AND GUTTER AND SHALL HAVE A PINCHED STOP THAT WILL PROVIDE A MINIMUM 1" EXPANSION.
- TOOLED CONTROL JOINTS OR SAWCUTS SHALL BE MADE EVERY 15 FEET.
- SAWCUTS SHALL BE MADE WITHIN TWENTY-FOUR (24) HOURS AND SEALED WITH A CITY APPROVED JOINT SEALANT. JOINTS SHALL BE CLEAN AND DRY PRIOR TO APPLICATION OF SEALANT.
- TWO (2) #4 REBARS SHALL BE PLACED CONTINUOUS THROUGHOUT THE CURB AND GUTTER.

REV: 1	REV: 1	CURB AND GUTTER (SPECIAL)	CITY OF WOOD DALE
REV: 2	REV: 2		
DRAWN BY: 642jdm	DATE: 4-3-18		



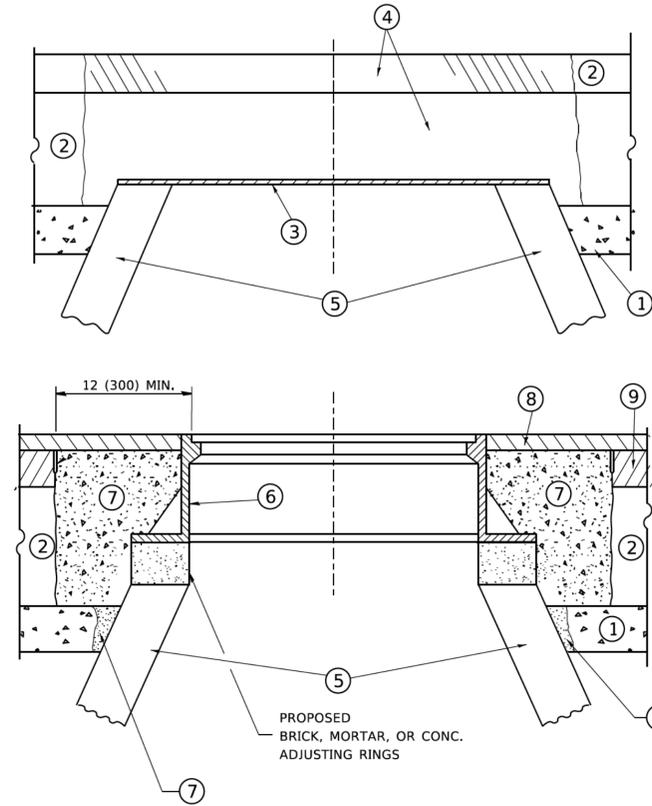
USER NAME = 642jdm	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.0000" / in.	DRAWN - KAR	REVISED -
PLOT DATE = 10/27/2021	CHECKED - JDM	REVISED -
	DATE - 9-28-21	FILE - 191614_SHT-MiscDetails.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

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

MUN RTE. 4035	SECTION 20-00053-00-R5	COUNTY DuPAGE	TOTAL SHEETS 18	SHEET NO. 12
				CONTRACT NO. 61H37



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

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

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

NOTES

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

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

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

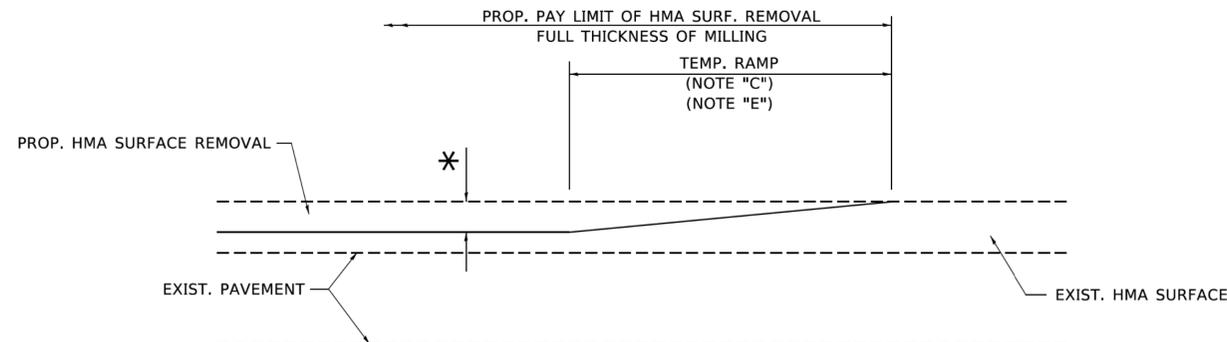
COPYRIGHT © 2017 BY BAYTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 PROJECT NO. 20-00053-00-RS
 SHEET NO. 13
 FILE NAME: p:\projects\2017\20-00053-00-RS\20-00053-00-RS-013.dwg
 19/06/14 DISTRICT ONE DETAILS - BD.dgn

USER NAME = footemj	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

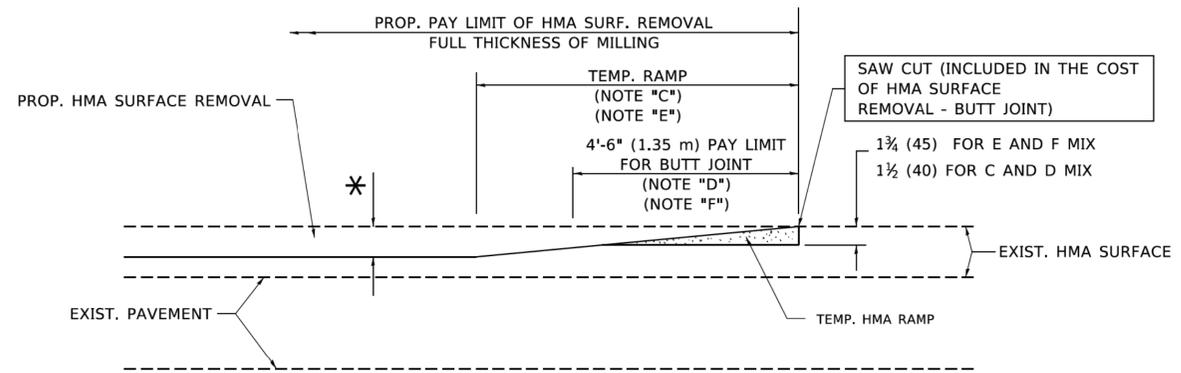
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DUPAGE	18	13
BD600-03 (BD-8)			CONTRACT NO. 61H37	
ILLINOIS FED. AID PROJECT C-91-117-21				



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

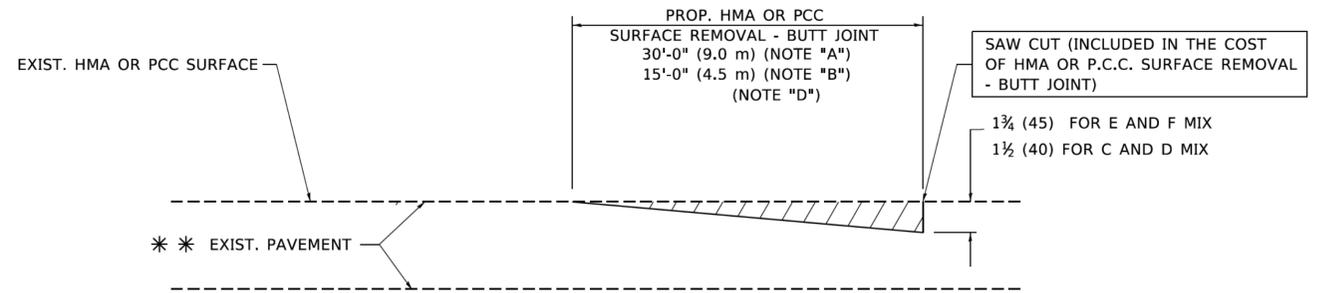
OPTION 1



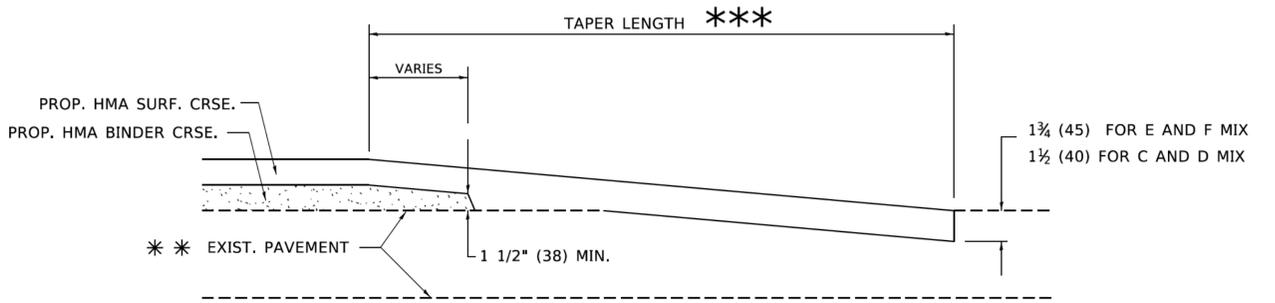
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

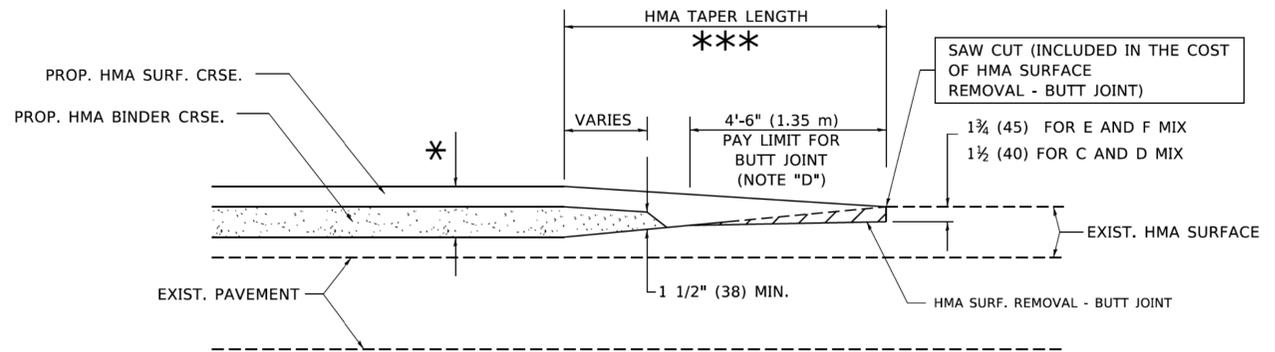
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. 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

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

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

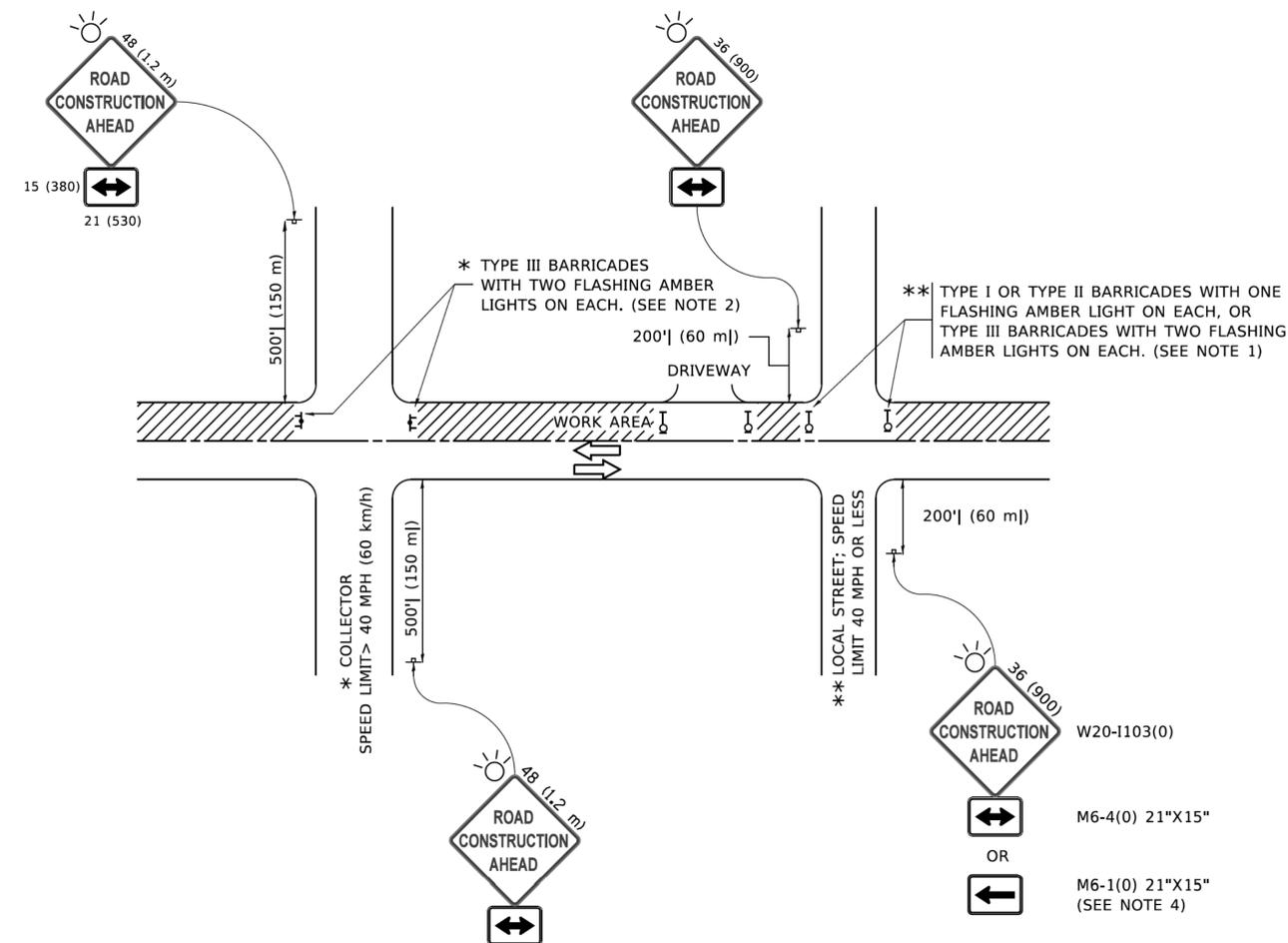
MODEL: Default; FILE: M:\116161\proj\plan\com.ecd.illinois.gov\PI\DOT\Documents\DOT_Offices\District_1\Projects\DH\45422\21\CADD\BNA\CAD\sheet\B23.dgn

USER NAME = footemj	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

MUN. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	14
BD400-05 BD32		CONTRACT NO. 61H37		
ILLINOIS FED. AID PROJECT C-91-117-21				



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) 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. 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.

MODEL Default: \\p01004848\BID\NTEG\Illinois.gov\PIV\DOT\Documents\DOT_Offices\District_3\Projects\DUHS\272321\CADD\Drawings\Sheet\TC10.dgn
 FILE NAME: p01004848\BID\NTEG\Illinois.gov\PIV\DOT\Documents\DOT_Offices\District_3\Projects\DUHS\272321\CADD\Drawings\Sheet\TC10.dgn

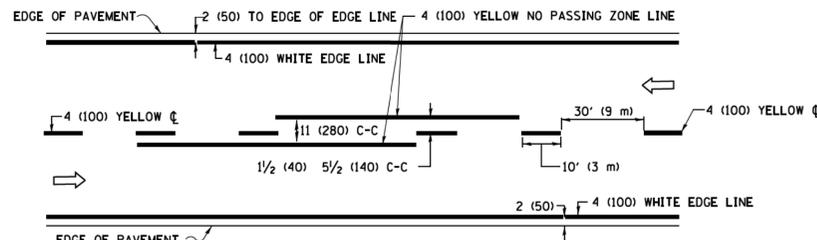
USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

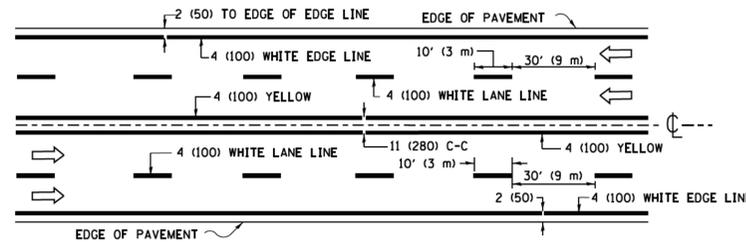
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

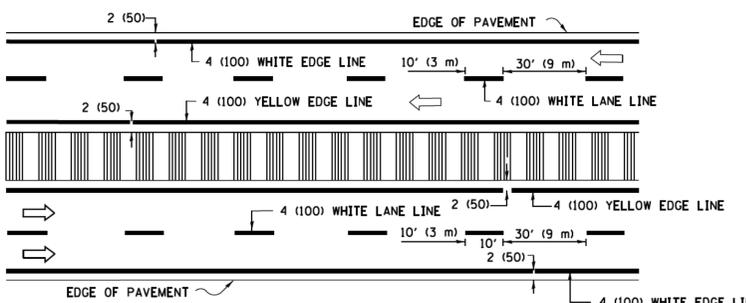
MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	15
TC-10			CONTRACT NO. 61H37	
ILLINOIS FED. AID PROJECT C-91-117-21				



2-LANE ROADWAY

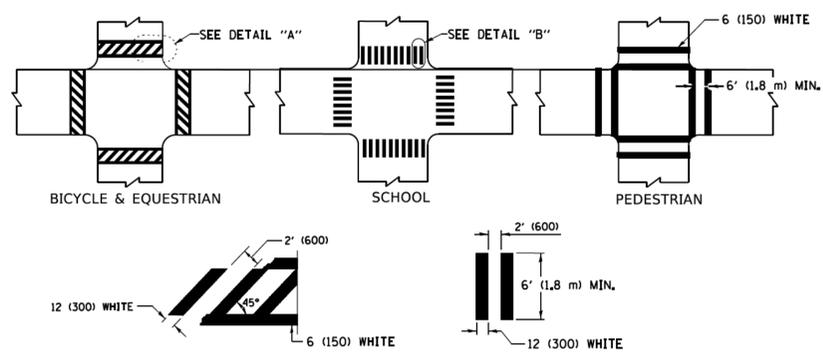


MULTI-LANE UNDIVIDED



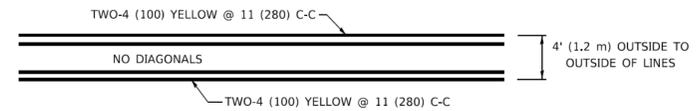
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

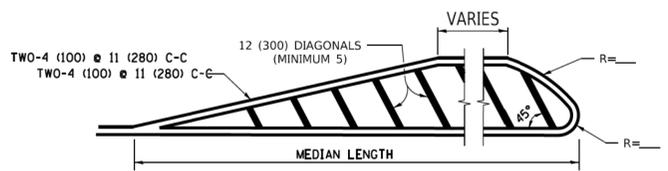


TYPICAL CROSSWALK MARKING

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

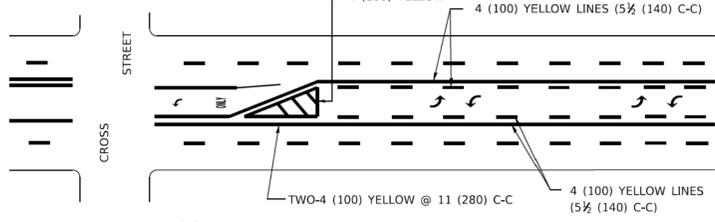


4' (1.2 m) WIDE MEDIANS ONLY



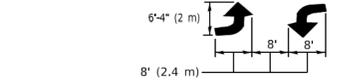
MEDIANS OVER 4' (1.2 m) WIDE

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



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

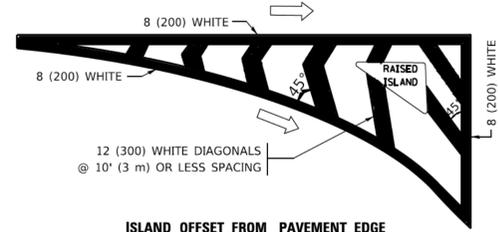
A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



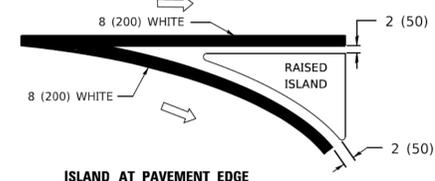
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE 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".

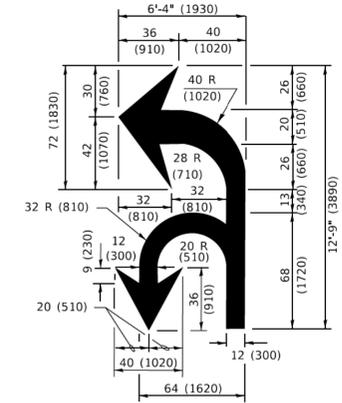


ISLAND OFFSET FROM PAVEMENT EDGE

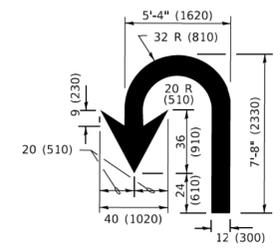


ISLAND AT PAVEMENT EDGE

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 1/2 (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 1/2 (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) 2' (600) APART 2' (600) APART	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) 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.
GORE 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" 15' 6" (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
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.

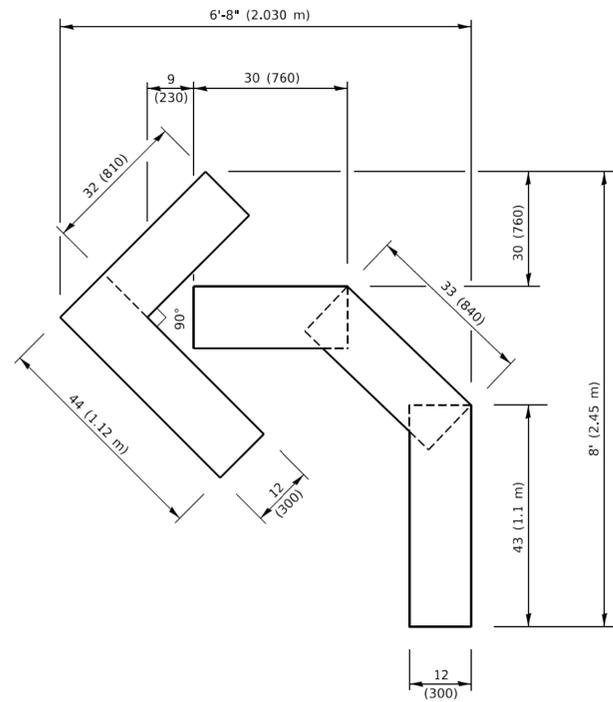
MODEL Default: FILE Name: PROJECT\BIDDING\Documents\DOT Office\Bids\13\Projects\13\422323\CADD\NA\CAD\Sheet\13.dwg

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.00000 ' / in.	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	CHECKED -	REVISED - C. JUCIUS 12-21-15
	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

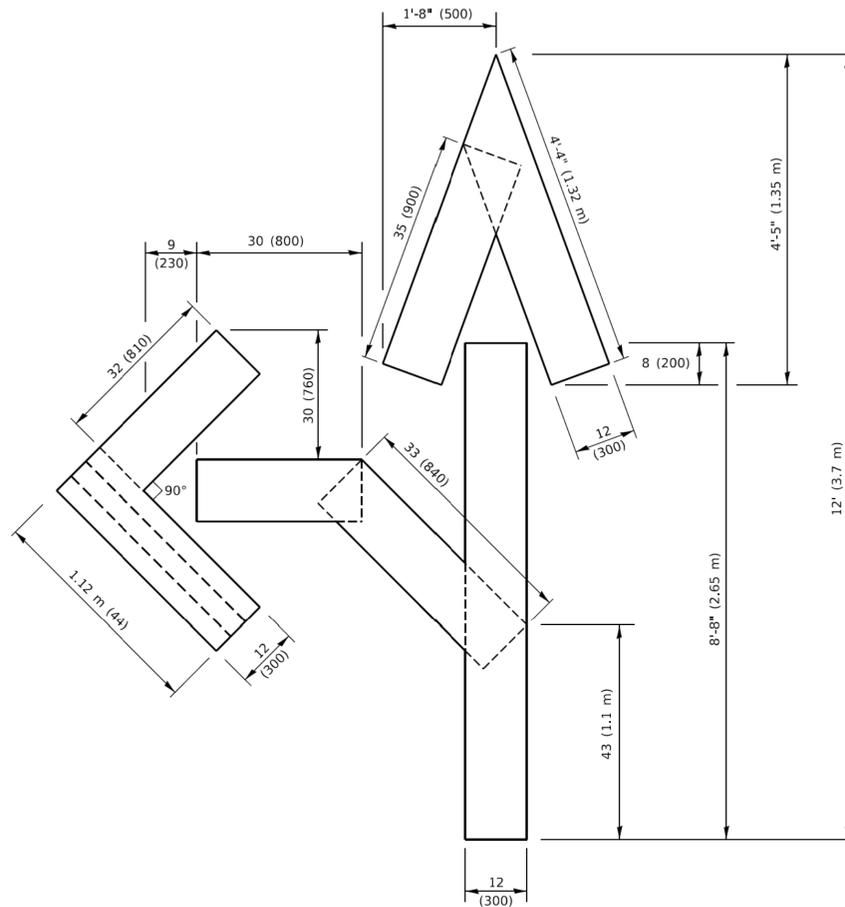
DISTRICT ONE		MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		4035	20-00053-00-RS		18	16
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 61H37	

TC-13		ILLINOIS	FED. AID PROJECT	C-91-117-21
--------------	--	----------	------------------	-------------



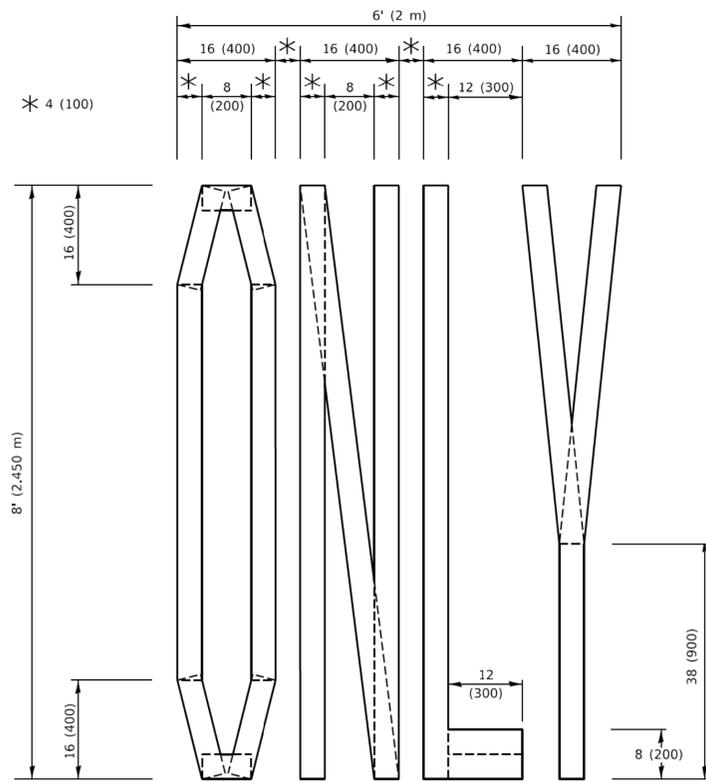
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



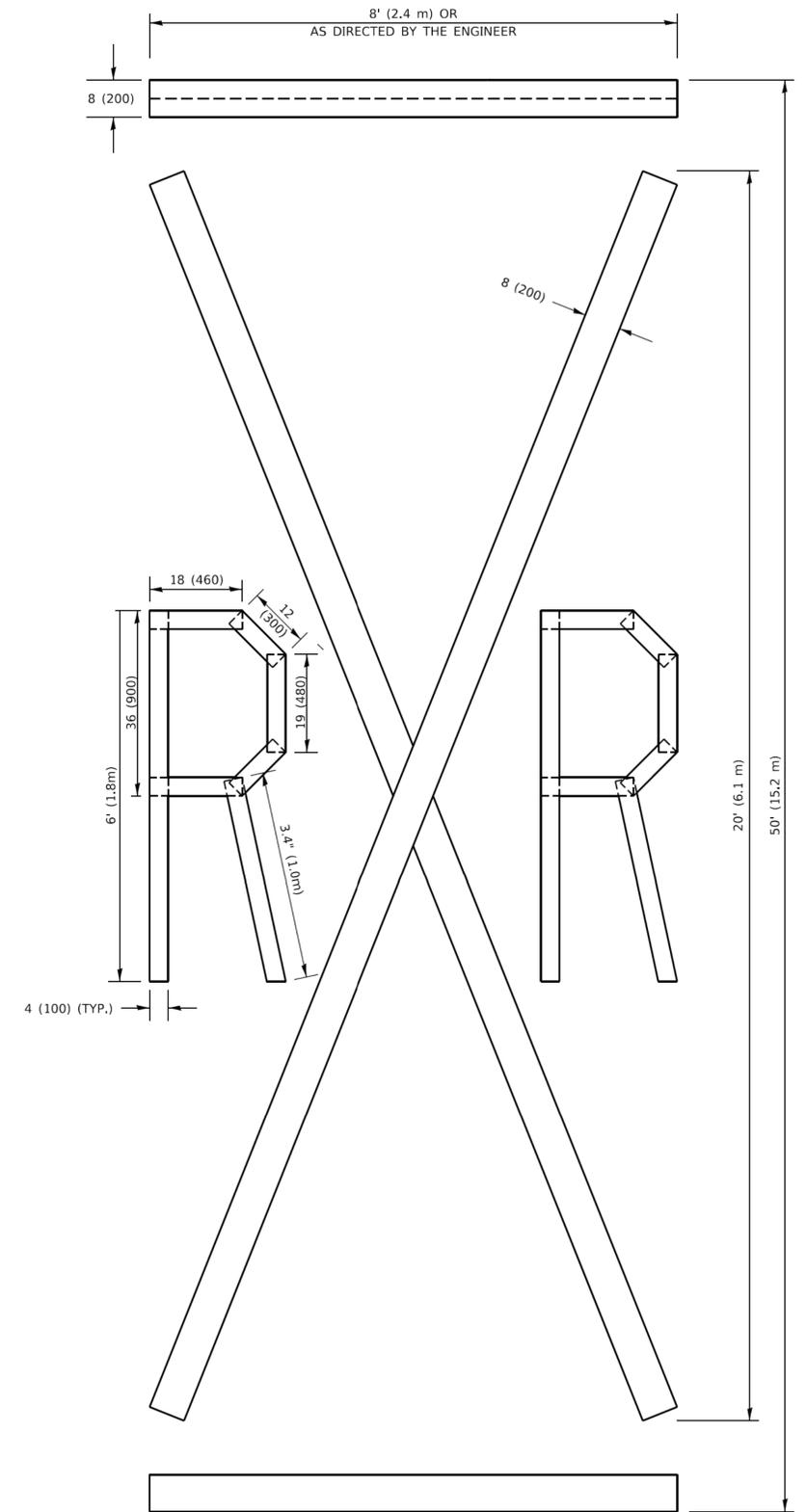
QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.

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

COPYRIGHT © 2017 BY BAXTER & WOODMAN, INC.
 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM \\\pcor\work\1707-BW_Default.plt
 FILE NAME: P:\01\1707\1707-00053-00-RS\1707-00053-00-RS-TC-16-DISTRICT ONE DETAILS - TC.dgn

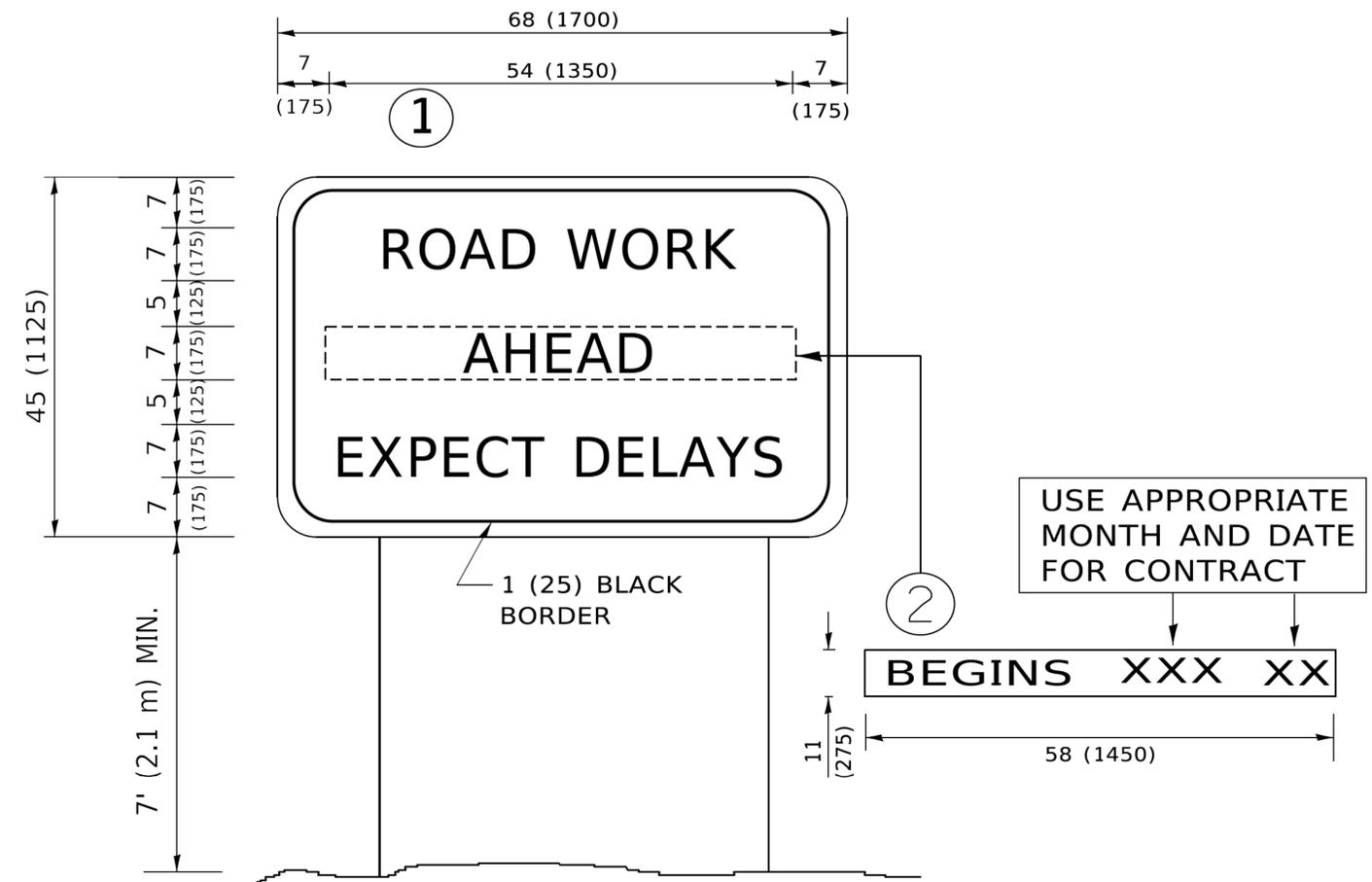
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	17
TC-16			CONTRACT NO. 61H37	
ILLINOIS FED. AID PROJECT C-91-117-21				



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.

MODEL Default: FILE Name: P:\01\08\BIBD\NTEG\Illinois.gov\PIV\DOT\Documents\DOT_Offices\District_3\Projects\DUHS\22\22-CA\DD\CA\CA\Sheet122.dgn

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

MUN RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4035	20-00053-00-RS	DuPAGE	18	18
TC-22			CONTRACT NO. 61H37	
ILLINOIS FED. AID PROJECT C-91-117-21				