

FOR INDEX OF SHEETS, SEE SHEET NO. 2  
FOR LIST OF HIGHWAY STANDARDS SEE SHEET NO. 2

FUNCTIONAL CLASSIFICATION  
EOLA ROAD - MINOR ARTERIAL

TRAFFIC DATA  
EOLA ROAD  
2016 ADT = 34,900

POSTED SPEED LIMIT  
EOLA ROAD = 40 MPH

DESIGN SPEED LIMIT  
EOLA ROAD = 40 MPH

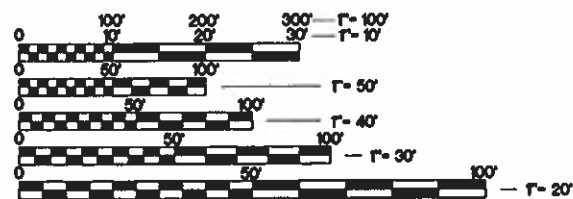
# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

## FAU 2531 (EOLA ROAD) US 34 TO OAKHURST DR. RESURFACING PROJECT

### SECTION: 20-00334-00-RS PROJECT NO.: 08M0(652) CITY OF AURORA DUPAGE COUNTY C-91-061-21



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



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

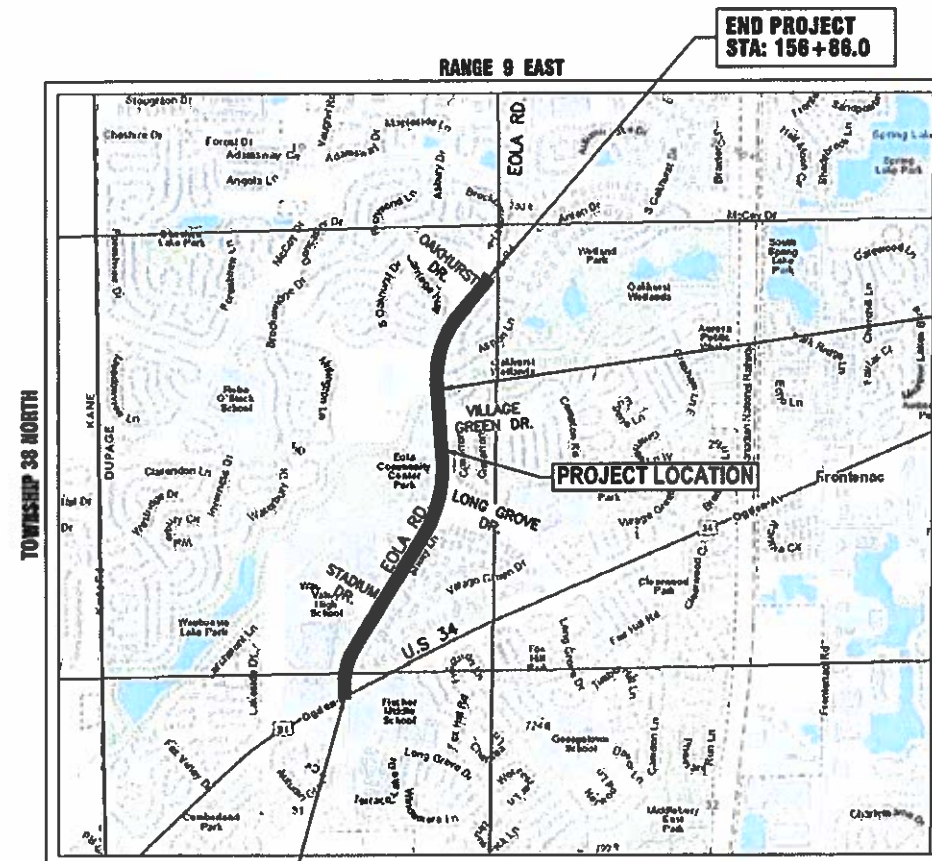
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
811 OR 1-800-892-0123

Dial 811 or 1-800-892-0123 JULIE DESIGN TICKET NUMBER: # A2600268

Know what's below.  
Call before you dig.

WITH THE FOLLOWING:  
COUNTY DUPAGE COUNTY  
CITY-TOWNSHIP AURORA-NAPERVILLE TOWNSHIP  
SEC. & 1/4 SEC. NO. 38-31-38 N-9 E.

(2) Working Days before you dig  
(Excluding Sat., Sun. & Holidays)



BEGIN PROJECT  
STA: 103+39.0

END PROJECT  
STA: 156+86.0

EXISTING BRIDGE LOCATION  
SN 022-6016  
STA: 141+75

DUPAGE COUNTY- NAPERVILLE TOWNSHIP  
THIRD PRINCIPAL MERIDIAN

PROJECT LOCATION MAP  
SCALE: N.T.S.

PROJECT LENGTH:  
GROSS AND NET LENGTH OF PROJECT = 5,347 FEET (1.01 MILES)



SEAL  
TIMOTHY V. WEIDNER, P.E.  
EXPIRES: NOVEMBER 30, 2021

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED January 11 20 21  
*Timothy V. Weidner*  
CITY OF AURORA

PASSED 2.20 20 21  
*C. J. Probst*  
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID  
BASED ON LIMITED  
REVIEW Feb. 22 20 21  
*[Signature]*  
REGIONAL ENGINEER

PROJECT LOCATED IN THE  
CITY OF AURORA

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

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**STATE HIGHWAY STANDARDS**

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24' (600 MM) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
886001-01	DETECTOR LOOP INSTALLATIONS

**ILLINOIS URBAN MANUAL EROSION CONTROL DETAILS**

STANDARD NO.	DESCRIPTION
IUM-654SB	TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE
IUM-561C	INLET PROTECTION - PAVED AREAS CURB PROTECTION
IUM-561D	INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION

**DISTRICT ONE DETAILS**

STANDARD NO.	DESCRIPTION
BD-01	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W AND FACE OF CURB & EDGE OF SHOULDER ≥ 15' (4.5 m)
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-05	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS
TS-07	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

**GENERAL NOTES**

- ALL REFERENCES TO "STANDARD SPECIFICATIONS" IN THESE GENERAL NOTES SHALL BE INTERPRETED TO MEAN THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", APRIL 1, 2016 AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANS AND FIELD CONDITIONS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK AFFECTED BY THE IDENTIFIED DISCREPANCIES. IF SUCH INSTRUCTION IS NOT SECURED, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT THEIR OWN RISK AND EXPENSE.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION) AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITIES FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON CITY, STATE, OR PRIVATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
- THE STORAGE OF EQUIPMENT AND/OR MATERIALS WITHIN THE RIGHT-OF-WAY OF ANY STREET AND/OR PARK PROPERTY SHALL REQUIRE PRIOR APPROVAL OF THE ENGINEER.
- OFFSET LOCATIONS GIVEN IN THE PLANS FOR STRUCTURES, EDGE OF PAVEMENT, ETC. ARE FROM THE ROADWAY CENTERLINE.
- SIDEWALK REMOVAL AND REPLACEMENT AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT AS SHOWN ON THE PLANS IS FOR INFORMATIONAL PURPOSES ONLY. ACTUAL LOCATIONS AND QUANTITIES ARE TO BE DETERMINED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS.
- THE CONTRACTOR SHALL VERIFY THAT ALL CRACKS, JOINTS, AND FLANGEWAYS ARE CLEAN AND DRY PRIOR TO PLACEMENT OF MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN A CLEAN AND ORDERLY MANNER. DEBRIS AND SURPLUS MATERIAL SHALL BE REMOVED AND RESTORATION SHALL PROCEED AS THE WORK PROCEEDS. IF THE ENGINEER SO DIRECTS, THE CONTRACTOR SHALL STOP ALL OTHER WORK AND CONCENTRATE ON CLEAN-UP AND RESTORATION. DEBRIS AND SURPLUS MATERIAL SHALL BE DISPOSED BY THE CONTRACTOR OFF-SITE.
- DRIVEWAY ENTRANCES WILL BE KEPT OPEN TO TRAFFIC AT ALL TIMES. THE CONTRACTOR WILL BE ALLOWED TO CLOSE A MAXIMUM OF HALF THE AREA OF ANY ONE ENTRANCE AT ANY TIME. IT IS ESSENTIAL THAT THE ENTRANCES REMAIN OPEN AND 'DRIVE-ABLE' FOR TWO-WAY TRAFFIC AT ALL TIMES. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING TRAFFIC CONTROL AND PROTECTION. WHERE NEW CURB AND CUTTER IS TO BE INSTALLED ACROSS A DRIVEWAY, IT IS EXPECTED THAT ONLY HALF OF THE DRIVEWAY ENTRANCE MAY BE REMOVED AND REPLACED AT ANY ONE TIME. ONLY AFTER PROPER CONCRETE CURE TIME HAS OCCURRED MAY THE CONTRACTOR BEGIN REMOVAL AND REPLACEMENT OPERATIONS ON THE REMAINING HALF OF THE CURB AND GUTTER. THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE A HALF OF DRIVEWAY ENTRANCE FOR MORE THAN 48 HOURS UNDER ANY CIRCUMSTANCE.
- CONTRACTOR SHALL USE CAUTION NOT TO DAMAGE ANY TREES WITHIN THE PROJECT AREA. SHOULD ANY TREES BE DAMAGED OR DISTURBED DUE TO CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL REPLACE THEM IN KIND.
- ALL CURB RAMPS ARE STANDARD AND SHALL BE CONSTRUCTED ACCORDING TO IDOT HIGHWAY STANDARDS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1.5 INCHES WHERE THE SPEED IS 45 MPH OR LESS, WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.

**UTILITIES**

- ALL UTILITY COMPANIES AND THE CITY OF AURORA SHALL BE NOTIFIED AT LEAST 3 DAYS PRIOR TO THE START OF CONSTRUCTION.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER.
- ONLY PRECAST CONCRETE ADJUSTMENT RINGS, MAXIMUM OF 12 INCHES IN HEIGHT, WILL BE ALLOWED IN THE ADJUSTMENT OF CATCH BASINS, MANHOLES, INLETS AND VALVE VAULT STRUCTURES. COMMON BRICK WILL NOT BE ALLOWED.
- THE CONTRACTOR SHALL ENSURE THAT ALL WATER SYSTEM VALVES, VALVE VAULTS, AND SANITARY SEWER MANHOLES REMAIN READILY ACCESSIBLE TO THE CITY FOR EMERGENCY OPERATIONS. THE LOCATIONS OF ALL WATER AND SANITARY FACILITIES SHALL BE MARKED AND READILY VISIBLE AT ALL TIMES.
- THE INDISCRIMINATE USE OF FIRE HYDRANTS OR EXISTING STREAMS, CREEKS, WETLANDS OR PONDS IS STRICTLY PROHIBITED. THE CONTRACTOR SHALL PROVIDE A WATER TRUCK AND DRIVER AS REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WATER FROM AN APPROVED SOURCE. IF THIS WATER IS FROM A SOURCE OTHER THAN THEIR YARD, WRITTEN APPROVAL FROM THE AGENCY HAVING JURISDICTION FOR THE SOURCE OF THE WATER MUST BE RECEIVED BY THE ENGINEER PRIOR TO USE OF THE WATER.

**SIGNING AND STRIPING**

- ALL EXISTING SIGNS (INCLUDING THOSE LOCATED ON UTILITY/LIGHT POLES) THAT DO NOT CONFLICT WITH THE IMPROVEMENTS SHALL REMAIN IN PLACE UNLESS DIRECTED BY THE ENGINEER.
- SIGNS SHALL NOT BE MOVED OR COVERED UNTIL PROGRESS OF WORK NECESSITATES IT.
- SEE IDOT DISTRICT ONE DETAILS TC-11 (TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS {SNOW PLOW RESISTANT}), TC-13 (DISTRICT ONE TYPICAL PAVEMENT MARKINGS), AND TC-16 (SHORT TERM PAVEMENT MARKINGS LETTERS AND SYMBOLS) AND PLAN SHEETS FOR PAVEMENT MARKING DETAILS.
- GRINDING OF PAVEMENT MARKINGS ON NEWLY CONSTRUCTED HOT-MIX ASPHALT SHALL NOT BE PERMITTED.

COMPANY NAME: PROJECT CONTACT: 2/7/2021 1:48 PM  
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PLOT DATE = 2/7/2021	DATE -- 02/08/2021	REVISED --

**CITY OF AURORA  
EOLA ROAD RESURFACING PROJECT**

**INDEX OF SHEETS, STATE STANDARDS, DISTRICT ONE DETAILS  
AND GENERAL NOTES**

SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	02
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY 75% FEDERAL 25% LOCAL 0005
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	150
25200110	SODDING, SALT TOLERANT	SQ YD	150
25200200	SUPPLEMENTAL WATERING	UNIT	3.0
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	26,666
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	5.0
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	405
* 40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	4,395
* 40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	3,880
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	35
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	915.0
* 42400800	DETECTABLE WARNINGS	SQ FT	180
* 44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	390
* 44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	39,110
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	35

\* SEE SPECIAL PROVISIONS  
t INDICATES SPECIALTY ITEM

COMPANY NAME: [REDACTED]  
 USER: [REDACTED]  
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PLOT DATE = 2/18/2021	DATE - 02/18/2021	REVISED -

**CITY OF AURORA  
EOLA ROAD RESURFACING PROJECT**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 01 OF 03 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	03
<b>CONTRACT NO. 61697</b>				
ILLINOIS FED. AID PROJECT				

**SUMMARY OF QUANTITIES**

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
			ROADWAY 75% FEDERAL 25% LOCAL 0005
44000600	SIDEWALK REMOVAL	SQ FT	915
44201713	CLASS D PATCHES, TYPE I, 6 INCH	SQ YD	790
44201717	CLASS D PATCHES, TYPE II, 6 INCH	SQ YD	790
44201721	CLASS D PATCHES, TYPE III, 6 INCH	SQ YD	1,185
44201723	CLASS D PATCHES, TYPE IV, 6 INCH	SQ YD	1,185
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	10,690
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	370
60255500	MANHOLES TO BE ADJUSTED	EACH	6
60260100	INLETS TO BE ADJUSTED	EACH	4
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5
* 67100100	MOBILIZATION	L SUM	1
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
* 70300100	SHORT TERM PAVEMENT MARKING	FOOT	3,850
* 70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,285

\* SEE SPECIAL PROVISIONS  
 † INDICATES SPECIALTY ITEM

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 PROJECT CONTRACT:  
 CLIENT:  
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**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**

**SUMMARY OF QUANTITIES**

SCALE: N.T.S. SHEET NO. 02 OF 03 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	04
<b>CONTRACT NO. 61697</b>				
ILLINOIS FED. AID PROJECT				



**SUMMARY OF QUANTITIES**

	CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
				ROADWAY 75% FEDERAL 25% LOCAL 0005
t	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	763
t	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	21,443
t	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,569
t	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,512
t	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	296
t	* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	660
t	* X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	256
t	* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	763
t	* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	21,443
t	* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	2,569
t	* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	1,512
t	* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	296
	* Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	715.0
	* Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	103.0
#	* Z0076600	TRAINEES	HOUR	500
#	* Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500

\* SEE SPECIAL PROVISIONS  
t INDICATES SPECIALTY ITEM  
# 0042

COMPANY NAME: STANBERG  
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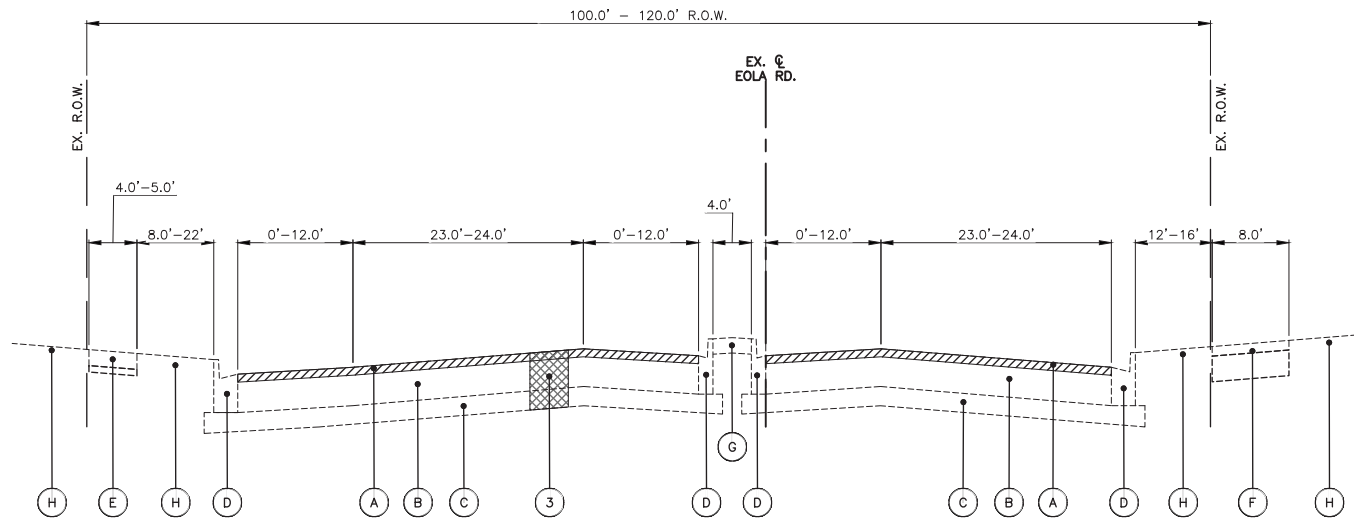
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**CITY OF AURORA  
EOLA ROAD RESURFACING PROJECT**

**SUMMARY OF QUANTITIES**

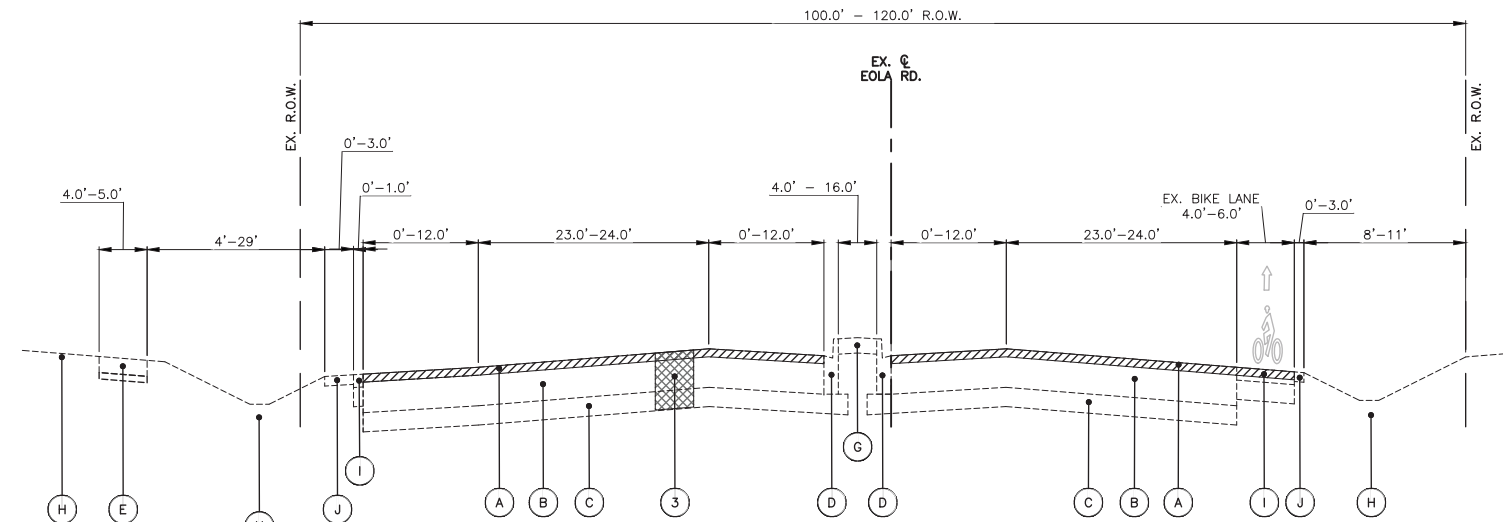
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>CONTRACT NO. 61697</b>				
ILLINOIS FED. AID PROJECT				



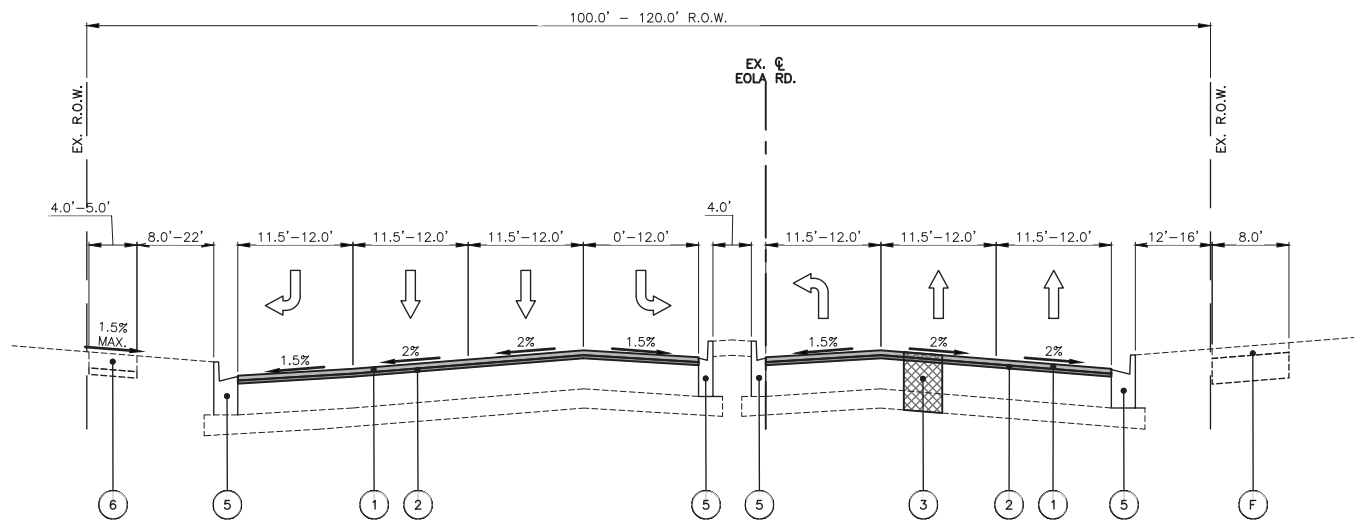
**EXISTING TYPICAL SECTION - EOLA RD.**

STA: 103+39.0 - STA: 110+00.0



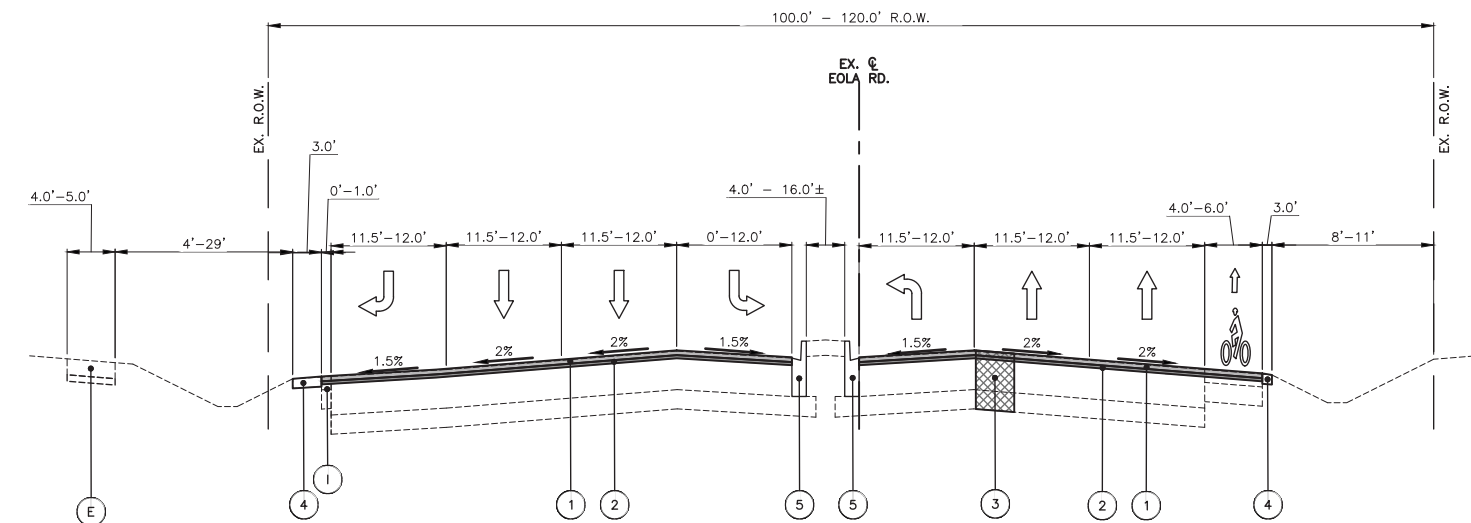
**EXISTING TYPICAL SECTION - EOLA RD.**

STA: 110+00.0 - STA: 118+00.0



**PROPOSED TYPICAL SECTION - EOLA RD.**

STA: 103+39.0 - STA: 110+00.0



**PROPOSED TYPICAL SECTION - EOLA RD.**

STA: 110+00.0 - STA: 118+00.0

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL 3.75"
- (B) HOT-MIX ASPHALT PAVEMENT
- (C) AGGREGATE SUBBASE
- (D) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24
- (E) PORTLAND CEMENT CONCRETE SIDEWALK
- (F) HOT-MIX ASPHALT BIKE PATH
- (G) LANDSCAPED OR PCC MEDIAN
- (H) EXISTING GROUND
- (I) HOT-MIX ASPHALT SHOULDERS
- (J) AGGREGATE SHOULDERS

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

OPERATION	MIXTURE TYPE	AIR VOIDS @ NDES
PAVEMENT	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"	4% @ 70 GYR.
RESURFACING	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"	4% @ 70 GYR.
CLASS D PATCHES	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 6"	4% @ 70 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22". UNLESS MODIFIED BY SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

**PROPOSED LEGEND**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"
- (3) CLASS D PATCHES W/SUBBASE GRANULAR MATERIAL, TYPE B, 8"
- (4) AGGREGATE WEDGE SHOULDER, TYPE B
- (5) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACEMENT

**NOTE:**

• THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.

• NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE EXISTING R.O.W.

COMPANY NAME:   
 PROJECT CONTACT:   
 CLIENT:   
 DATE PLOTTED: 2/7/2021 1:49 PM   
 FILE NAME: 200913-Typ-Sec   
 PLOT SCALE: N.T.S.   
 PLOT DRIVER: DWG To PDF.pc3   
 PEN TABLE: ILDOT-Standard.ctb

USER NAME = MLEWIS	DESIGNED - MPL	REVISED -
FILE NAME = 200913-Typ-Sec	DRAWN - MPL	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

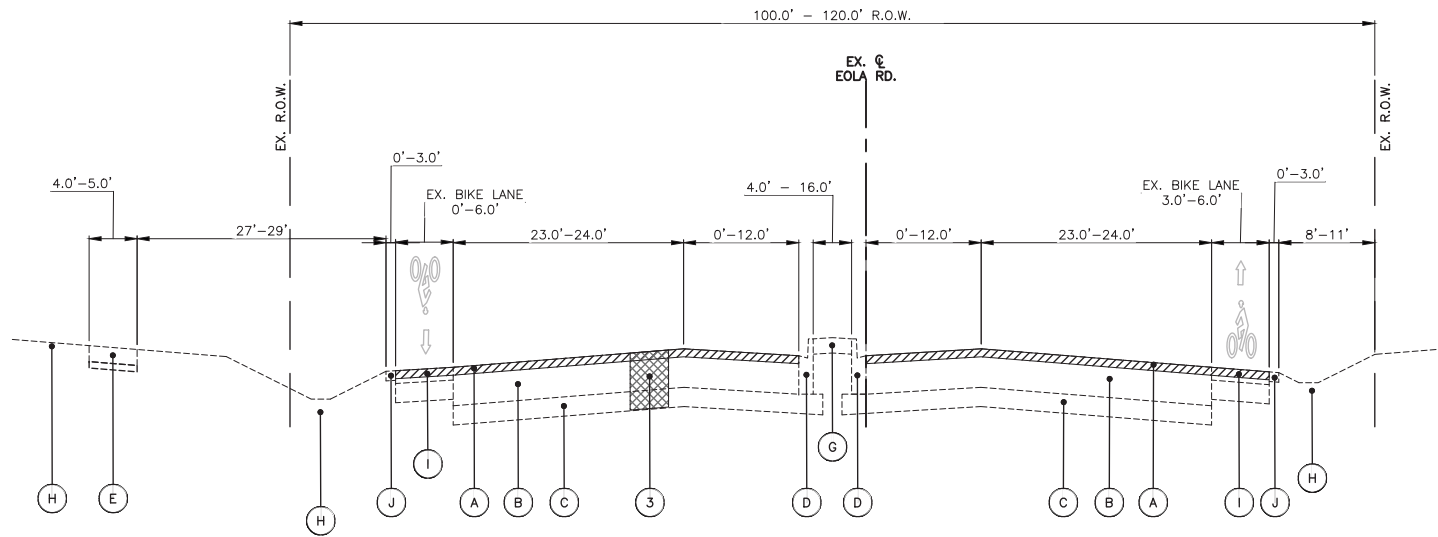
**TYPICAL SECTIONS**

SCALE: N.T.S. SHEET NO. 01 OF 03 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	06

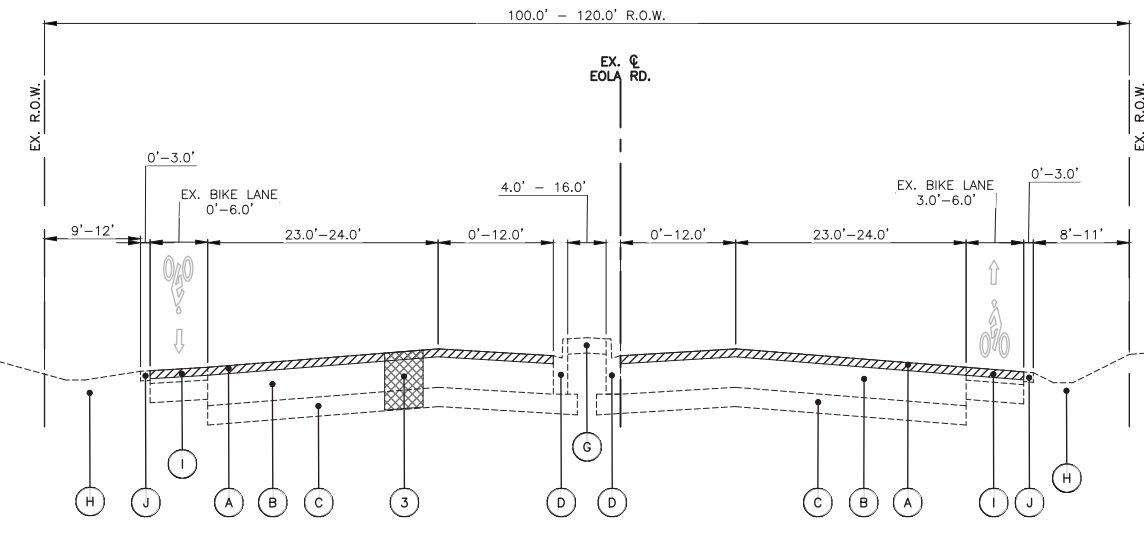
**CONTRACT NO. 61G97**

ILLINOIS FED. AID PROJECT



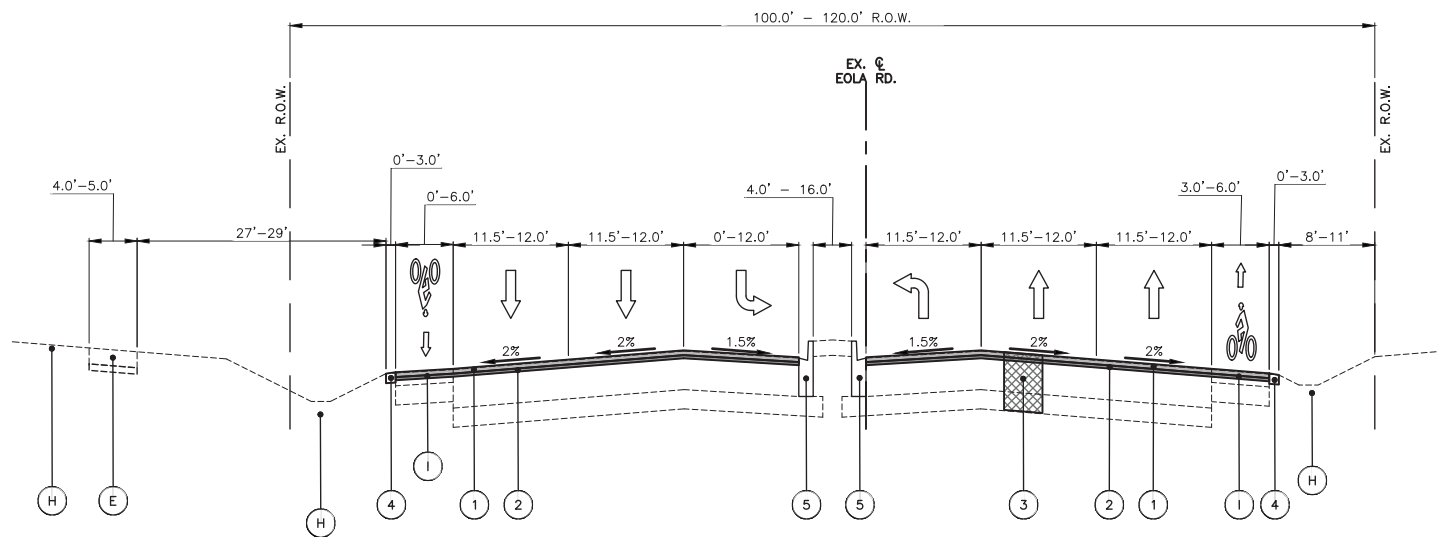
**EXISTING TYPICAL SECTION - EOLA RD.**

STA: 118+00.0 - STA: 127+00.0



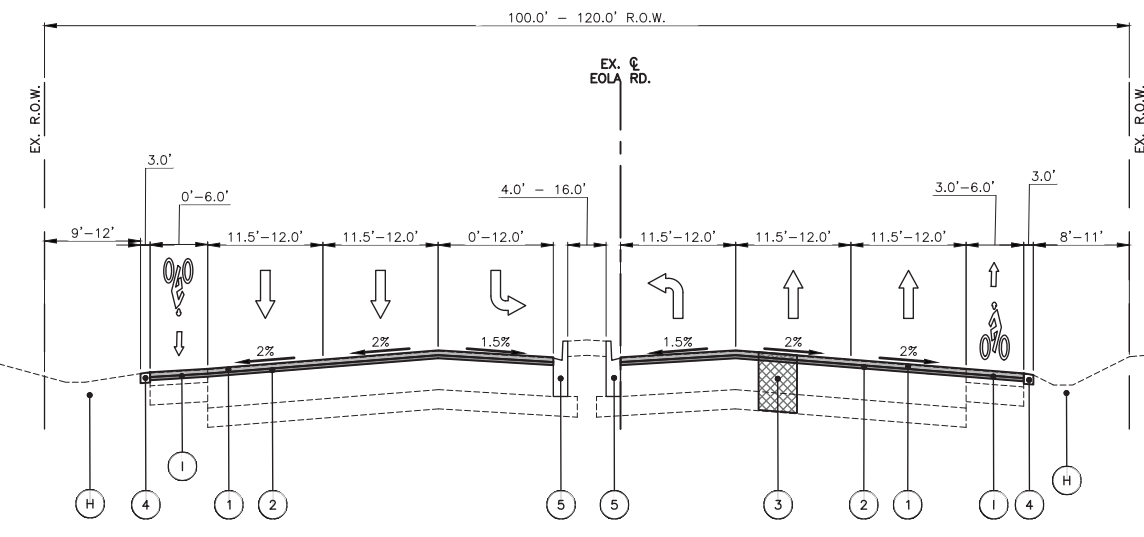
**EXISTING TYPICAL SECTION - EOLA RD.**

STA: 127+00.0 - STA: 136+00.0  
STA: 144+00.0 - STA: 156+86.0



**PROPOSED TYPICAL SECTION - EOLA RD.**

STA: 118+00.0 - STA: 127+00.0



**PROPOSED TYPICAL SECTION - EOLA RD.**

STA: 127+00.0 - STA: 136+00.0  
STA: 144+00.0 - STA: 156+86.0

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL 3.75"
- (B) HOT-MIX ASPHALT PAVEMENT
- (C) AGGREGATE SUBBASE
- (D) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24
- (E) PORTLAND CEMENT CONCRETE SIDEWALK
- (F) HOT-MIX ASPHALT BIKE PATH
- (G) LANDSCAPED OR PCC MEDIAN
- (H) EXISTING GROUND
- (I) HOT-MIX ASPHALT SHOULDERS
- (J) AGGREGATE SHOULDERS

**PROPOSED LEGEND**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"
- (3) CLASS D PATCHES W/SUBBASE GRANULAR MATERIAL, TYPE B, 8"
- (4) AGGREGATE WEDGE SHOULDER, TYPE B
- (5) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACEMENT

**NOTE:**

- THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.
- NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE EXISTING R.O.W.

COMPANY NAME:   
 PROJECT CONTACT:   
 DATE PLOTTED: 2/7/2021 1:49 PM   
 FILE NAME: 200913-Typ-Sec   
 PLOT SCALE: N.T.S.   
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 PEN TABLE: ILDOT-Standard.ctb

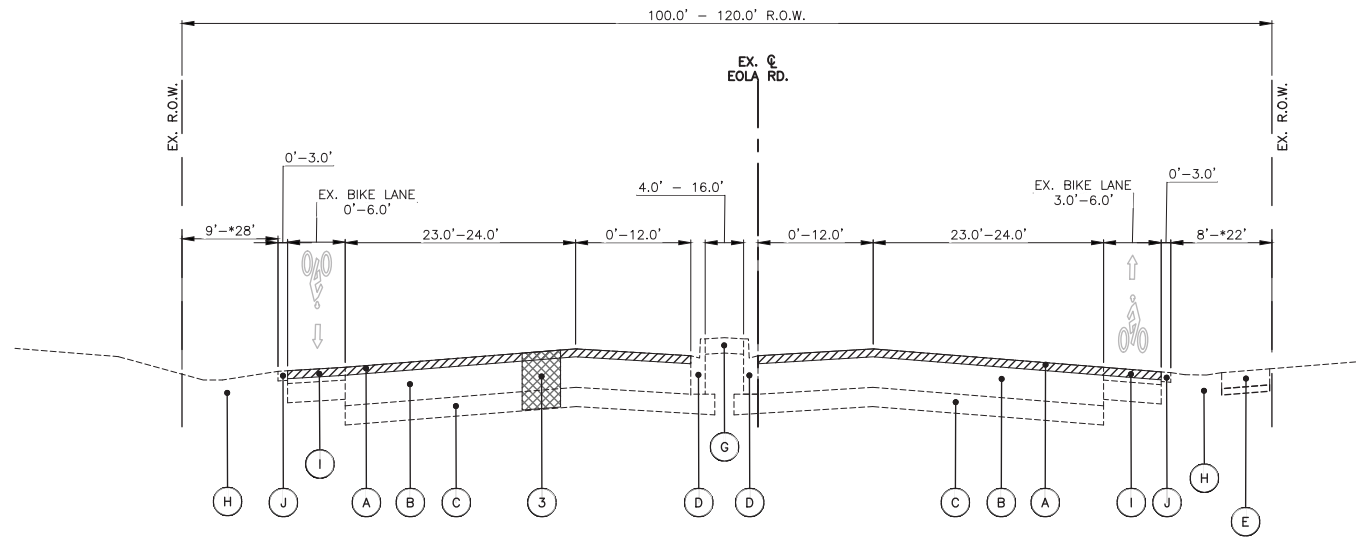
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FILE NAME = 200913-Typ-Sec	DRAWN - MPL	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

**TYPICAL SECTIONS**

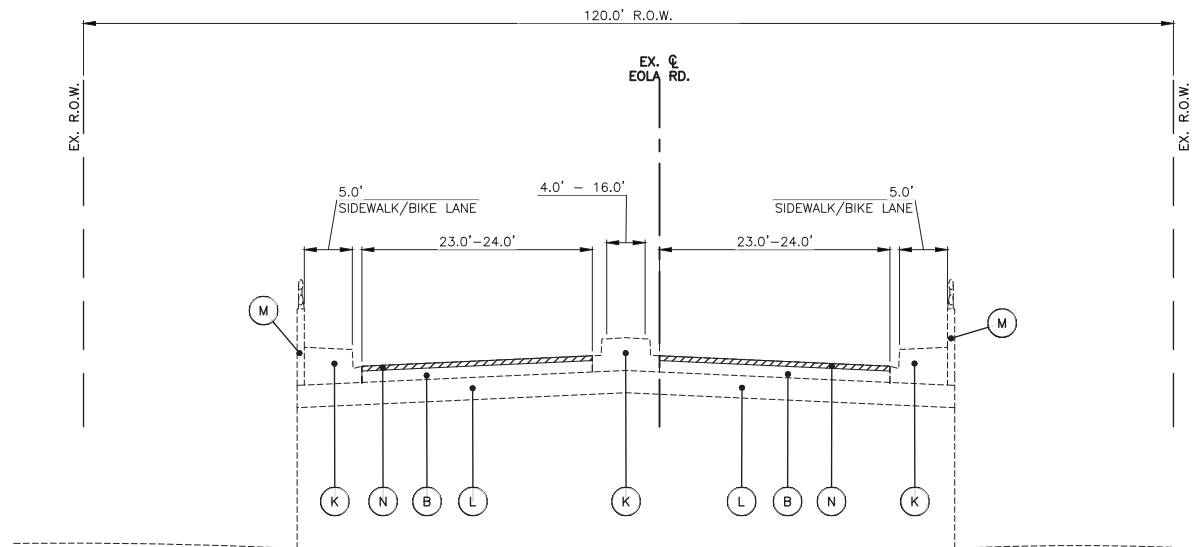
SCALE: N.T.S. SHEET NO. 02 OF 03 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	07
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



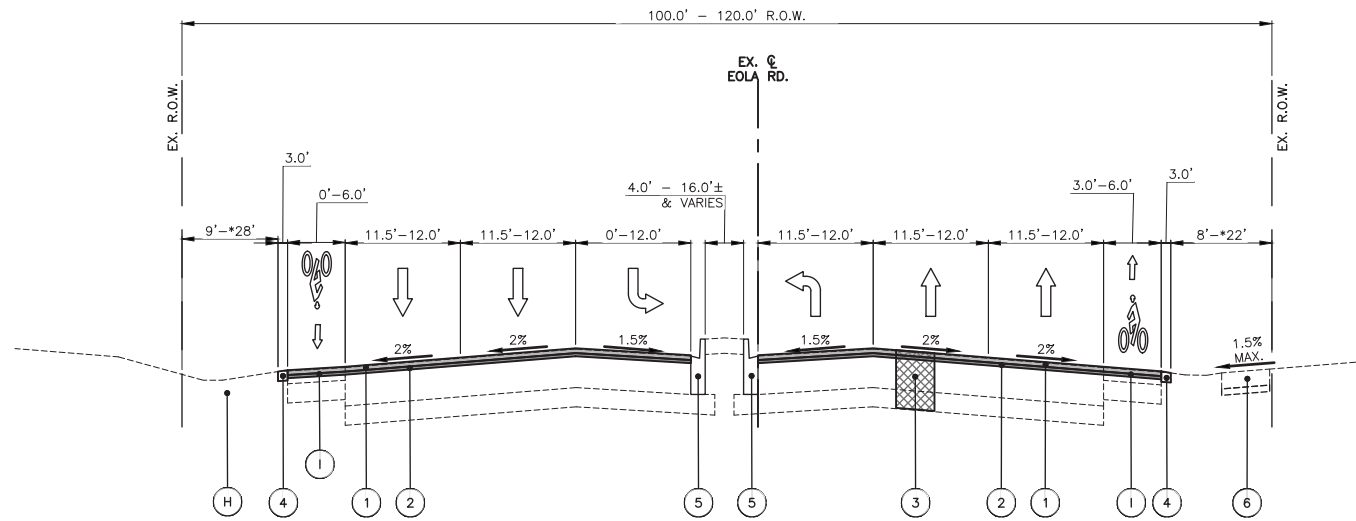
**EXISTING TYPICAL SECTION - EOLA RD.**

STA: 136+00.0 - STA: 141+37.0  
 STA: 142+12.0 - STA: 144+00.0



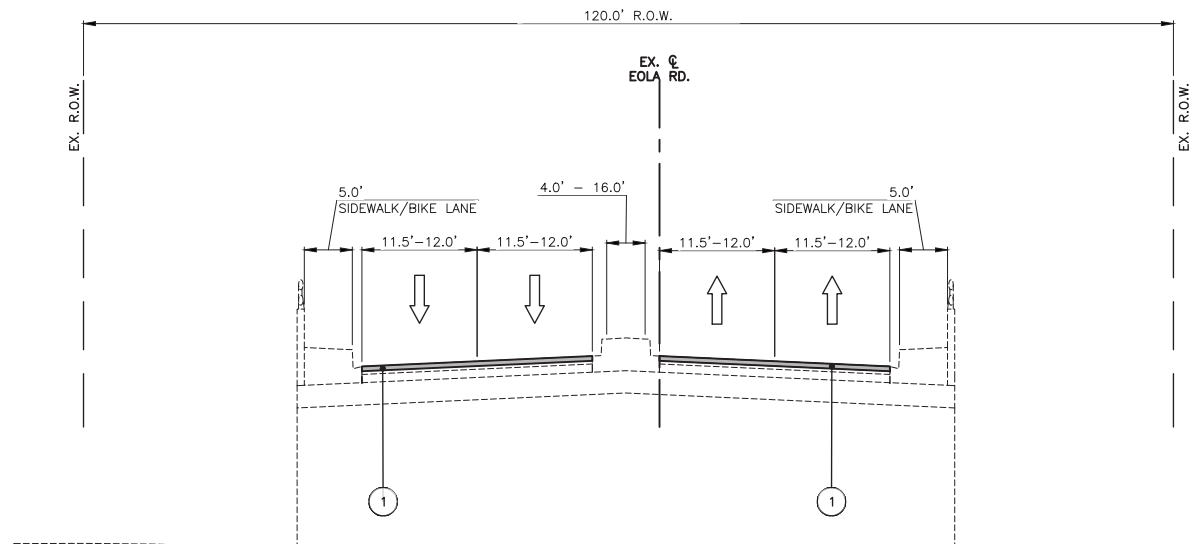
**EXISTING TYPICAL SECTION - EOLA RD. BRIDGE AT WAUBONSIE CREEK (SN 022-6016)**

STA: 141+56.64 - STA: 142+31.98



**PROPOSED TYPICAL SECTION - EOLA RD.**

STA: 136+00.0 - STA: 141+37.0  
 STA: 142+12.0 - STA: 144+00.0



**PROPOSED TYPICAL SECTION E. EOLA RD. BRIDGE AT WAUBONSIE CREEK (SN 022-6016)**

STA: 141+56.64 - STA: 142+31.98

\* © BRIDGE APPROACH

**EXISTING LEGEND**

- (A) HOT-MIX ASPHALT SURFACE REMOVAL 3.75"
- (B) HOT-MIX ASPHALT PAVEMENT
- (C) AGGREGATE SUBBASE
- (D) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24
- (E) PORTLAND CEMENT CONCRETE SIDEWALK
- (F) HOT-MIX ASPHALT BIKE PATH
- (G) LANDSCAPED OR PCC MEDIAN
- (H) EXISTING GROUND
- (I) HOT-MIX ASPHALT SHOULDERS
- (J) AGGREGATE SHOULDERS
- (K) EXISTING REINFORCED STRUCTURAL CONCRETE
- (L) EXISTING PRECAST PRESTRESSED CONCRETE DECK BEAMS
- (M) EXISTING CONCRETE PARAPET WITH ALUMINUM RAILING
- (N) HOT-MIX ASPHALT SURFACE REMOVAL 1.75"

**PROPOSED LEGEND**

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"
- (3) CLASS D PATCHES W/SUBBASE GRANULAR MATERIAL, TYPE B, 8"
- (4) AGGREGATE WEDGE SHOULDER, TYPE B
- (5) COMBINATION CONCRETE CURB & GUTTER, VARIES FROM TYPE B-6.12 TO B-6.24 (SPOT REMOVAL & REPLACEMENT AS DIRECTED BY THE ENGINEER)
- (6) PORTLAND CEMENT CONCRETE SIDEWALK REMOVAL AND REPLACEMENT

NOTE:  
 • THE PATCHING QUANTITIES HAVE BEEN ESTIMATED BASED ON FIELD OBSERVATIONS DURING DESIGN. ACTUAL QUANTITIES TO BE DETERMINED DURING CONSTRUCTION BY THE ENGINEER.  
 • NO PROPOSED WORK WILL TAKE PLACE OUTSIDE OF THE EXISTING R.O.W.

COMPANY NAME: [REDACTED]  
 PROJECT CONTACT: [REDACTED]  
 CLIENT: [REDACTED]  
 DATE PLOTTED: 2/7/2021 1:50 PM  
 FILE NAME: 200913-Typ-Sec  
 PLOT SCALE: N.T.S.  
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 PEN TABLE: ILDOT-Standard.ctb

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FILE NAME = 200913-Typ-Sec	DRAWN - MPL	REVISED -
PLOT SCALE = N.T.S.	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

<b>TYPICAL SECTIONS</b>	
F.A.U. RTE. 2531	SECTION 20-00334-00-RS
SCALE: N.T.S.	SHEET NO. 03 OF 03 SHEETS
STA. [ ]	TO STA. [ ]

COUNTY	TOTAL SHEETS	SHEET NO.
DUPAGE	29	08
<b>CONTRACT NO. 61G97</b>		
ILLINOIS FED. AID PROJECT		





COMPANY NAME: ILLINOIS STATE ENGINEERING & ARCHITECTURE  
 PROJECT CONTACT: ILLINOIS STATE ENGINEERING & ARCHITECTURE  
 CLIENT: ILLINOIS STATE ENGINEERING & ARCHITECTURE  
 DATE PLOTTED: 2/7/2021 1:50 PM  
 FILE NAME: 200913-Overall-Plan  
 PLOT DRIVER: DWG To PDF.pc3  
 PEN TABLE: ILDOT-Standard.ctb

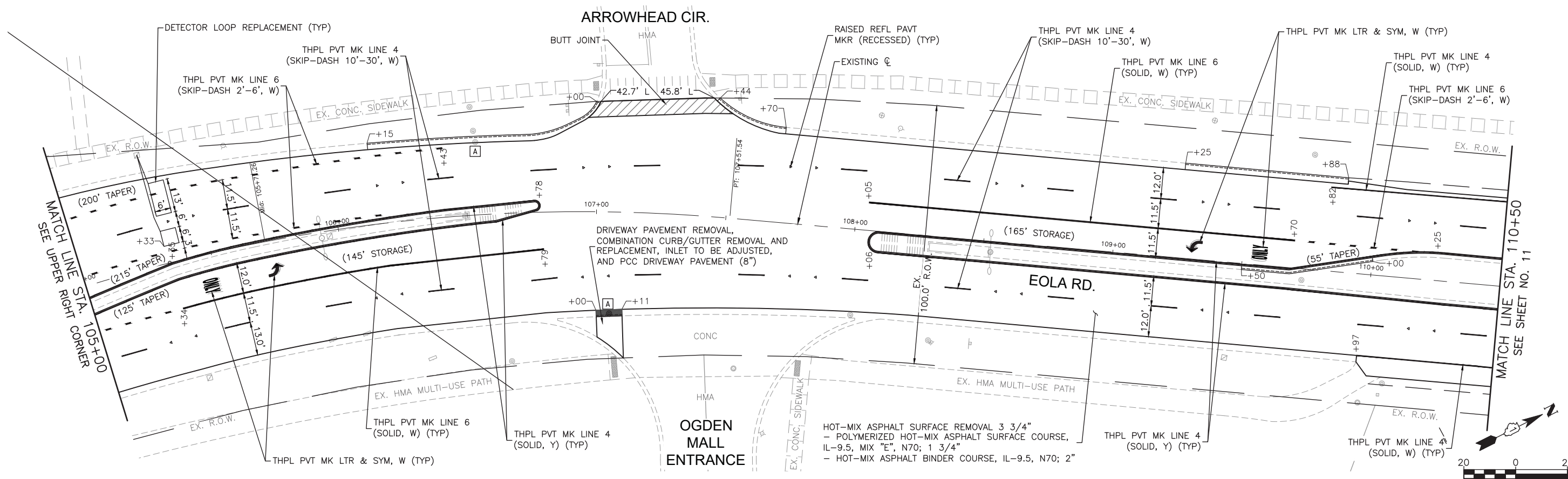
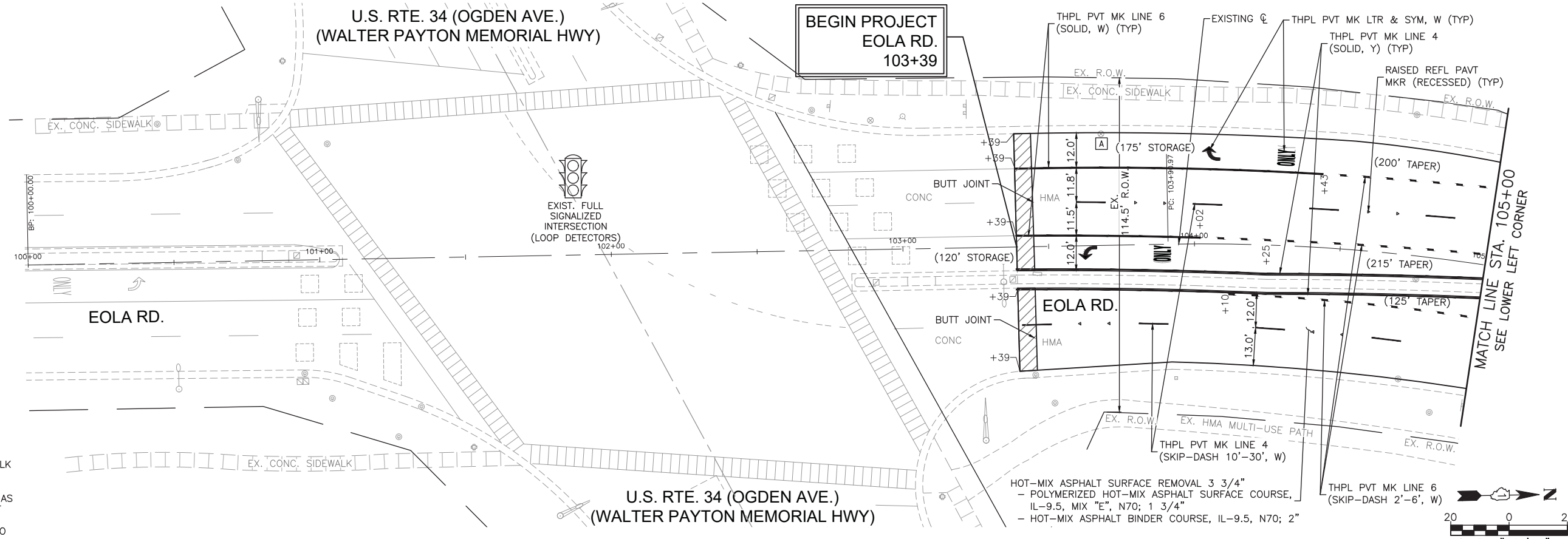
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FILE NAME = 200913-Overall-Plan	DRAWN - MPL	REVISED -
PLOT SCALE = 1"=200'	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

**OVERALL PLAN**

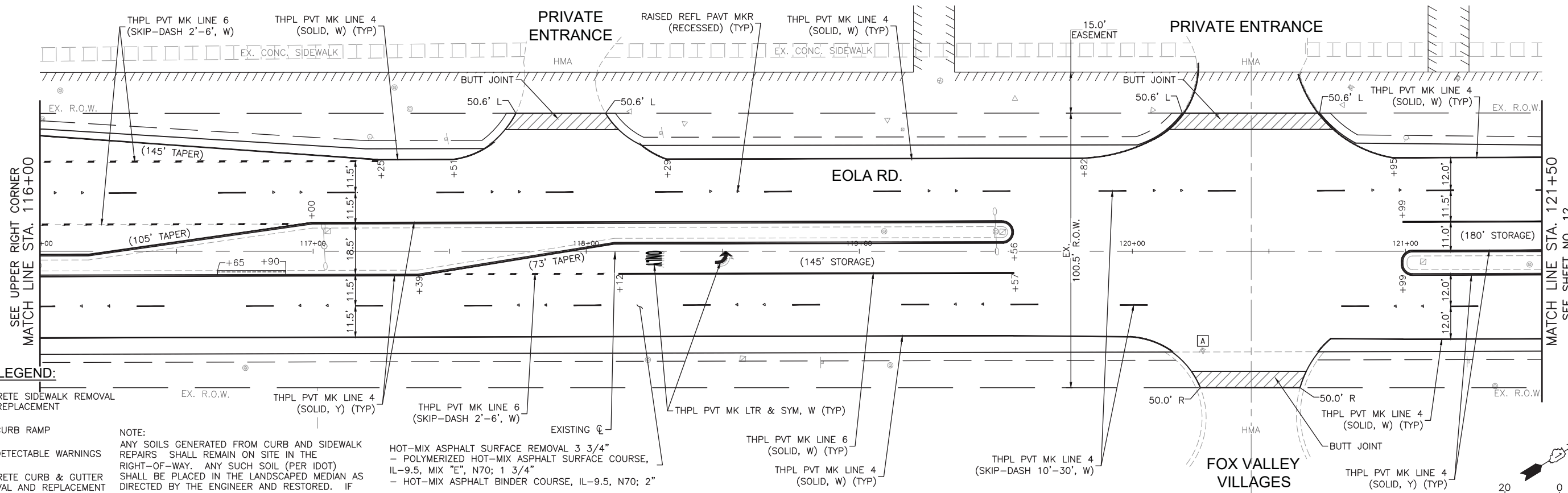
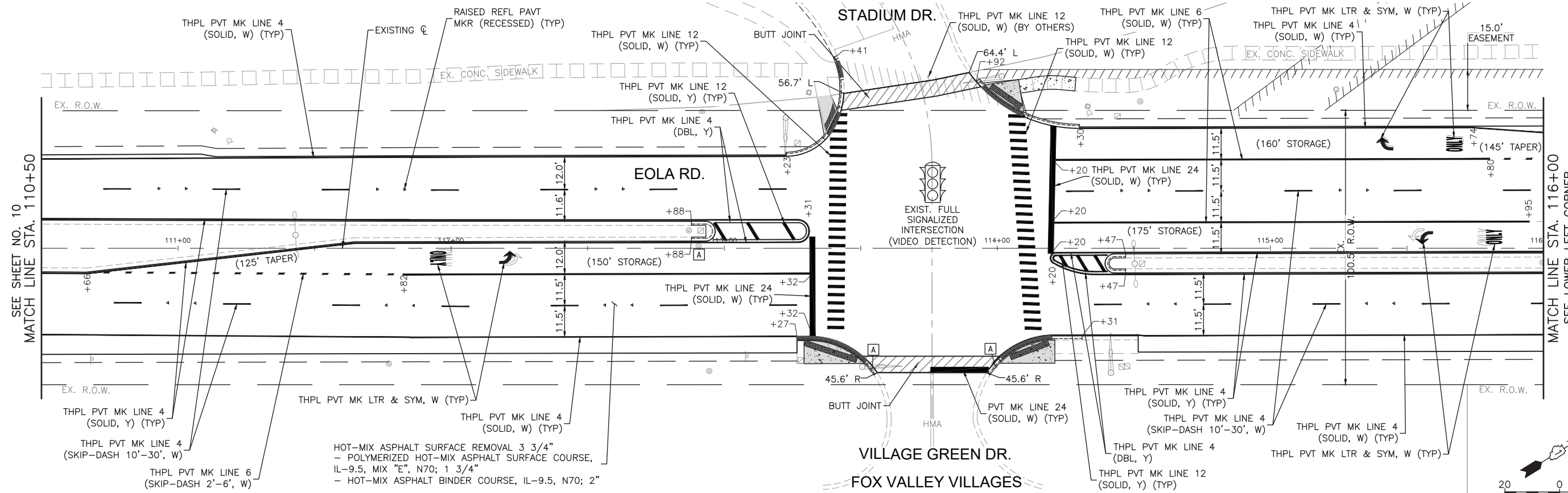
SCALE: 1"=200' SHEET NO. 01 OF 01 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	09
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



COMPANY NAME: ILLINOIS STATE ENGINEERING & ARCHITECTURE, INC.  
 PROJECT CONTACT: ILLDOT-Standard.ctb  
 DATE PLOTTED: 2/7/2021 1:51 PM  
 FILE NAME: 200913-Resurf-Plan  
 PLOT DRIVER: DWG To PDF.pc3  
 PEN TABLE: ILLDOT-Standard.ctb

USER NAME = MLEWIS	DESIGNED - MPL	REVISED -	<b>CITY OF AURORA EOLA ROAD RESURFACING PROJECT</b>	<b>RESURFACING PLAN</b>		F.A.U. RTE. 2531	SECTION 20-00334-00-RS	COUNTY DUPAGE	TOTAL SHEETS 29	SHEET NO. 10	
FILE NAME = 200913-Resurf-Plan	DRAWN - MPL	REVISED -		SCALE: 1"=20'	SHEET NO. 01 OF 06 SHEETS	STA. 100+00 TO STA. 110+50	<b>CONTRACT NO. 61G97</b>				
PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -		ILLINOIS FED. AID PROJECT							
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -									



**LEGEND:**

- CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
- ADA CURB RAMP
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB

NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL (PER IDOT) SHALL BE PLACED IN THE LANDSCAPED MEDIAN AS DIRECTED BY THE ENGINEER AND RESTORED. IF MEDIAN LANDSCAPED BOULDERS ARE DISTURBED BY CURB REPAIRS, THEY SHALL BE RESET AT NO ADDITIONAL COST TO THE DEPARTMENT.

HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"

COMPANY NAME: MLEWIS  
 PROJECT CONTACT: MLEWIS  
 DATE PLOTTED: 2/7/2021 1:52 PM  
 FILE NAME: 200913-Resurf-Plan  
 CLIENT: DUPAGE COUNTY  
 PLOT DRIVER: DWG To PDF.pc3  
 PEN TABLE: ILDOT-Standard.ctb

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FILE NAME = 200913-Resurf-Plan	DRAWN = MPL	REVISED =
PLOT SCALE = 1"=20'	CHECKED = TW	REVISED =
PLOT DATE = 2/7/2021	DATE = 02/08/2021	REVISED =

**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**






**RESURFACING PLAN**

SCALE: 1"=20' SHEET NO. 02 OF 06 SHEETS STA. 110+50 TO STA. 121+50

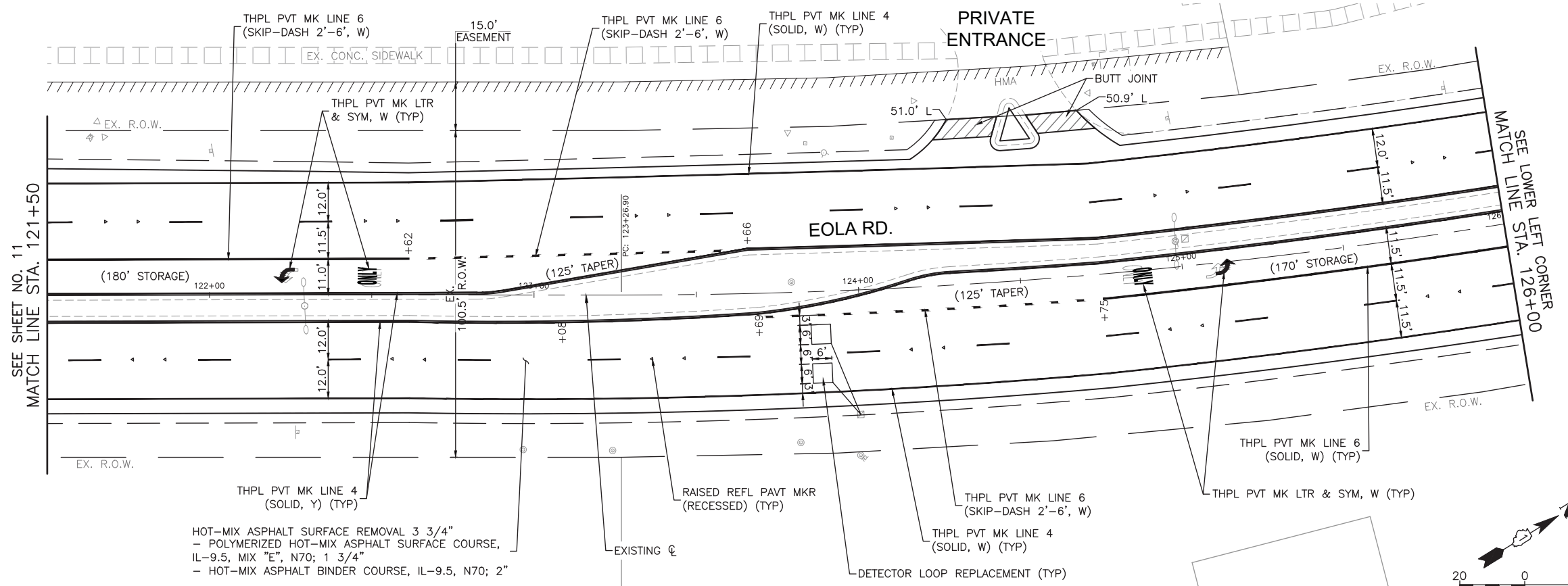
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	11
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



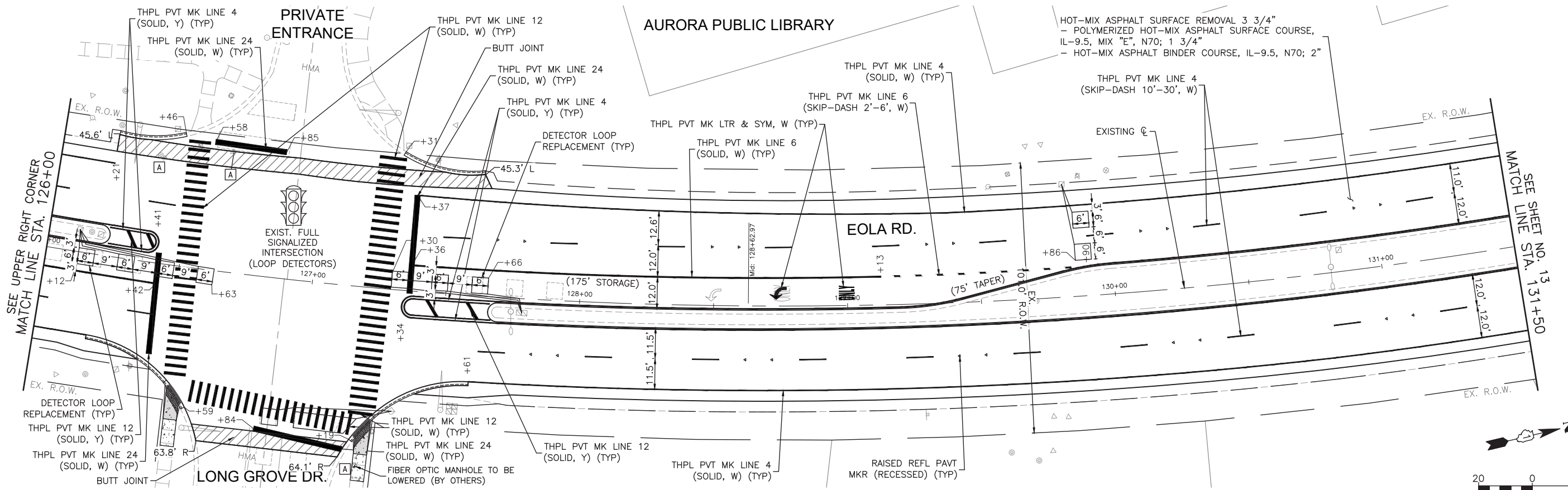
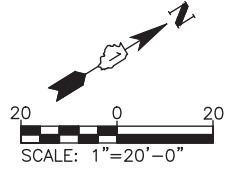
**LEGEND:**

-  CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
-  ADA CURB RAMP
-  ADA DETECTABLE WARNINGS
-  CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
-  DEPRESSED CURB

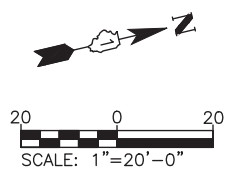
NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL (PER IDOT) SHALL BE PLACED IN THE LANDSCAPED MEDIAN AS DIRECTED BY THE ENGINEER AND RESTORED. IF MEDIAN LANDSCAPED BOULDERS ARE DISTURBED BY CURB REPAIRS, THEY SHALL BE RESET AT NO ADDITIONAL COST TO THE DEPARTMENT.



HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"



HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"



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 PROJECT CONTACT: [blank]  
 CLIENT: [blank]  
 DATE PLOTTED: 2/7/2021 1:52 PM  
 FILE NAME: 200913-Resurf-Plan  
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FILE NAME = 200913-Resurf-Plan	DRAWN - MPL	REVISED -
PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**

**RESURFACING PLAN**

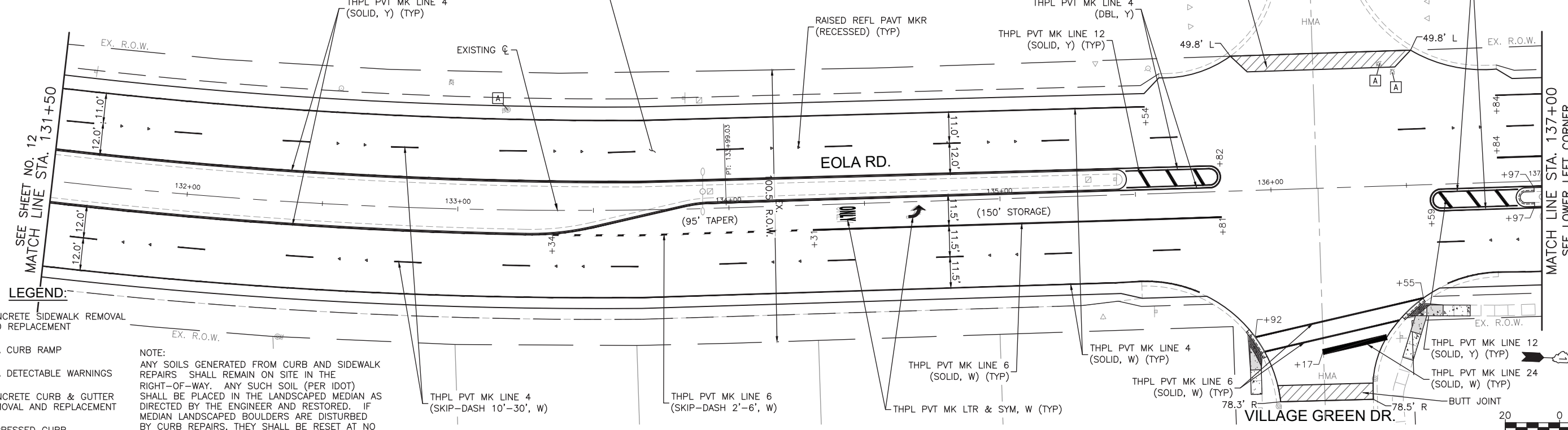
SCALE: 1"=20' SHEET NO. 03 OF 06 SHEETS STA. 121+50 TO STA. 131+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	12
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"

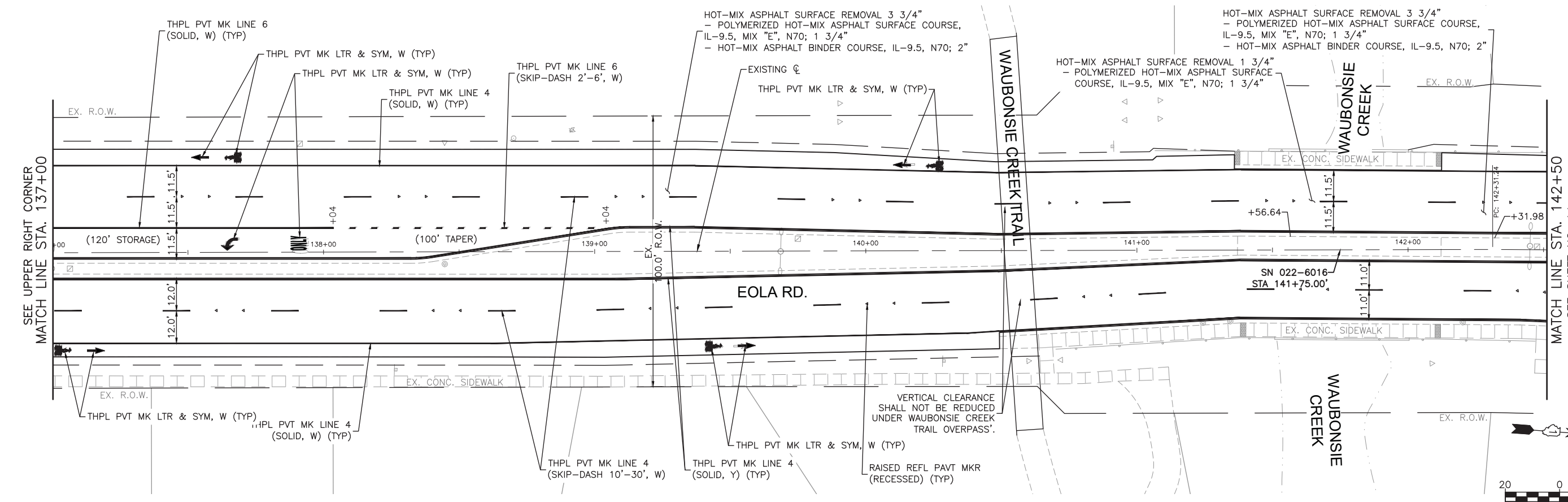
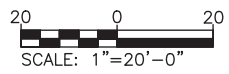
PRIVATE ENTRANCE  
 THPL PVT MK LINE 24 (SOLID, W) (TYP)  
 THPL PVT MK LINE 4 (DBL, Y)



**LEGEND:**

- CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
- ADA CURB RAMP
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB

NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL (PER IDOT) SHALL BE PLACED IN THE LANDSCAPED MEDIAN AS DIRECTED BY THE ENGINEER AND RESTORED. IF MEDIAN LANDSCAPED BOULDERS ARE DISTURBED BY CURB REPAIRS, THEY SHALL BE RESET AT NO ADDITIONAL COST TO THE DEPARTMENT.

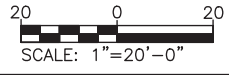


HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"

HOT-MIX ASPHALT SURFACE REMOVAL 3 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 IL-9.5, MIX "E", N70; 1 3/4"  
 - HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70; 2"

HOT-MIX ASPHALT SURFACE REMOVAL 1 3/4"  
 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,  
 IL-9.5, MIX "E", N70; 1 3/4"

VERTICAL CLEARANCE SHALL NOT BE REDUCED UNDER WAUBONSIE CREEK TRAIL OVERPASS.



COMPANY NAME: ILLINOIS DOT  
 PROJECT CONTACT: ILLDOT-Standard.ctb  
 DATE PLOTTED: 2/7/2021 1:53 PM  
 FILE NAME: 200913-Resurf-Plan  
 PLOT DRIVER: DWG To PDF.pc3  
 PEN TABLE: ILLDOT-Standard.ctb

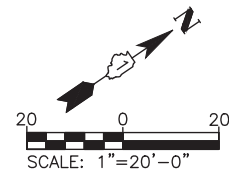
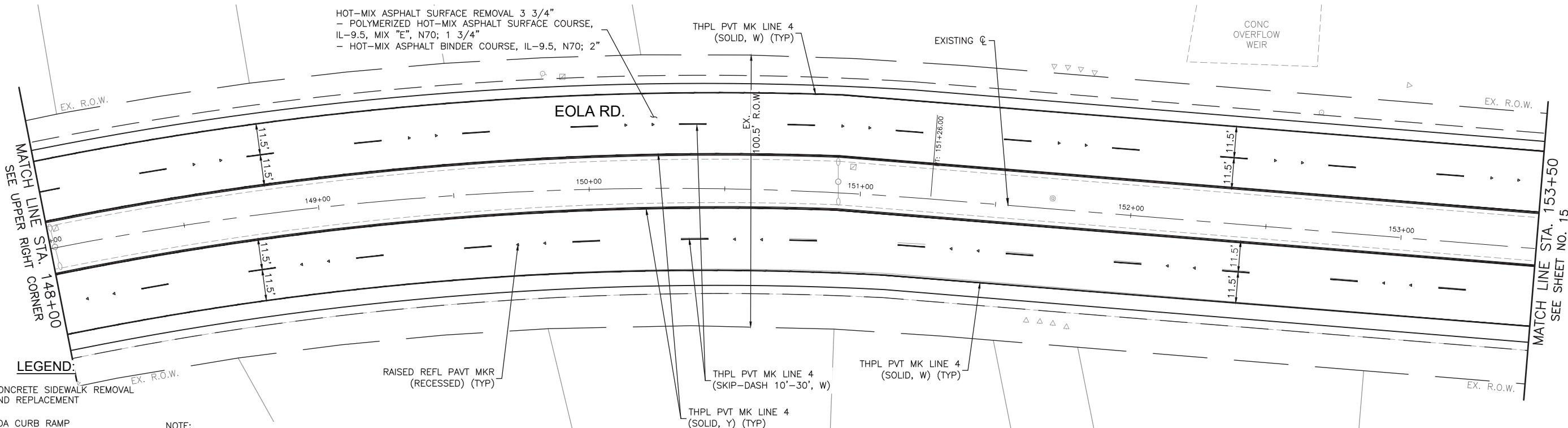
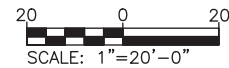
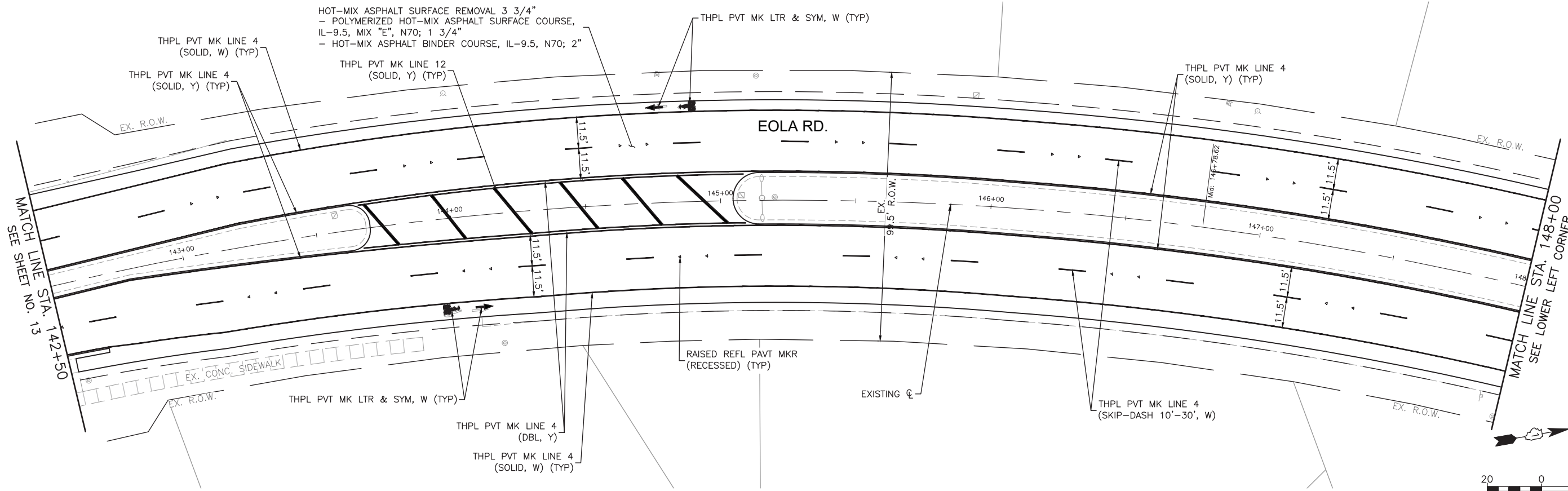
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PLOT SCALE = 1"=20'	CHECKED - TW	REVISED -
PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**

**RESURFACING PLAN**

SCALE: 1"=20' SHEET NO. 04 OF 06 SHEETS STA. 131+50 TO STA. 142+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	13
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
- ADA CURB RAMP
- ADA DETECTABLE WARNINGS
- CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
- DEPRESSED CURB

**NOTE:**  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL (PER IDOT) SHALL BE PLACED IN THE LANDSCAPED MEDIAN AS DIRECTED BY THE ENGINEER AND RESTORED. IF MEDIAN LANDSCAPED BOULDERS ARE DISTURBED BY CURB REPAIRS, THEY SHALL BE RESET AT NO ADDITIONAL COST TO THE DEPARTMENT.

COMPANY NAME: [blank]  
 PROJECT CONTACT: [blank]  
 CLIENT: [blank]  
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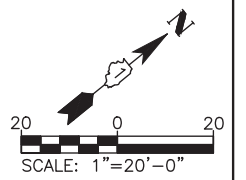
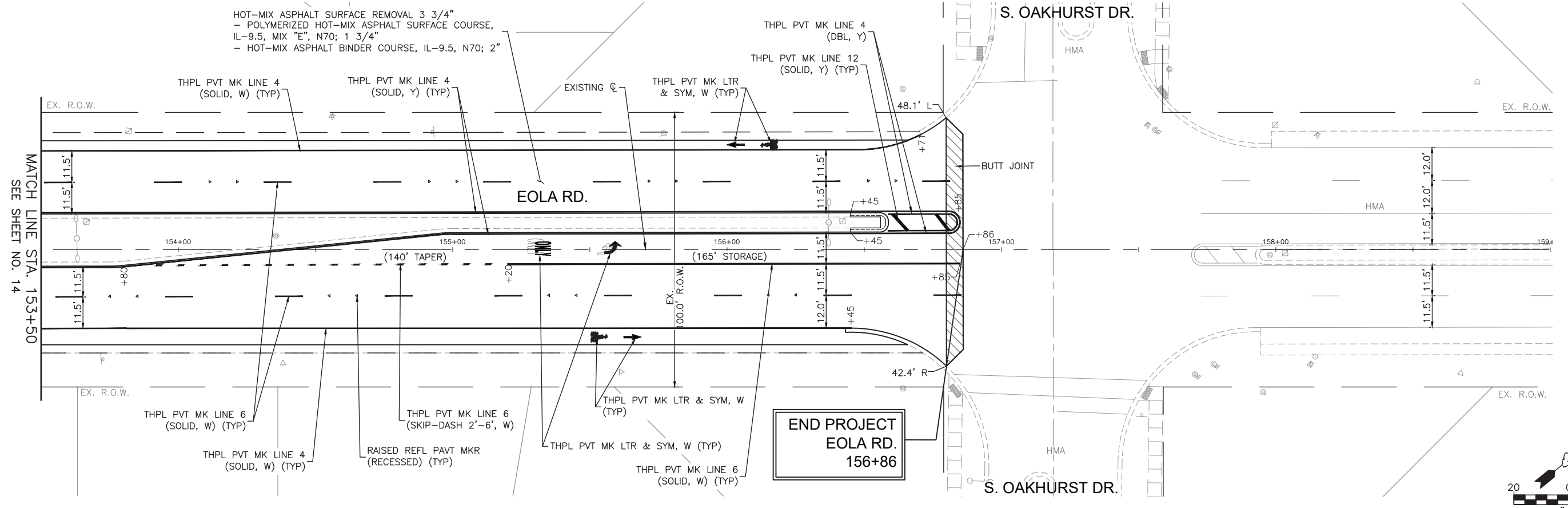
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PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**






**RESURFACING PLAN**

SCALE: 1"=20' SHEET NO. 05 OF 06 SHEETS STA. 142+50 TO STA. 153+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	14
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

-  CONCRETE SIDEWALK REMOVAL AND REPLACEMENT
-  ADA CURB RAMP
-  ADA DETECTABLE WARNINGS
-  CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT
-  DEPRESSED CURB

NOTE:  
 ANY SOILS GENERATED FROM CURB AND SIDEWALK REPAIRS SHALL REMAIN ON SITE IN THE RIGHT-OF-WAY. ANY SUCH SOIL (PER IDOT) SHALL BE PLACED IN THE LANDSCAPED MEDIAN AS DIRECTED BY THE ENGINEER AND RESTORED. IF MEDIAN LANDSCAPED BOULDERS ARE DISTURBED BY CURB REPAIRS, THEY SHALL BE RESET AT NO ADDITIONAL COST TO THE DEPARTMENT.

COMPANY NAME: [blank]  
 PROJECT CONTACT: [blank]  
 CLIENT: [blank]  
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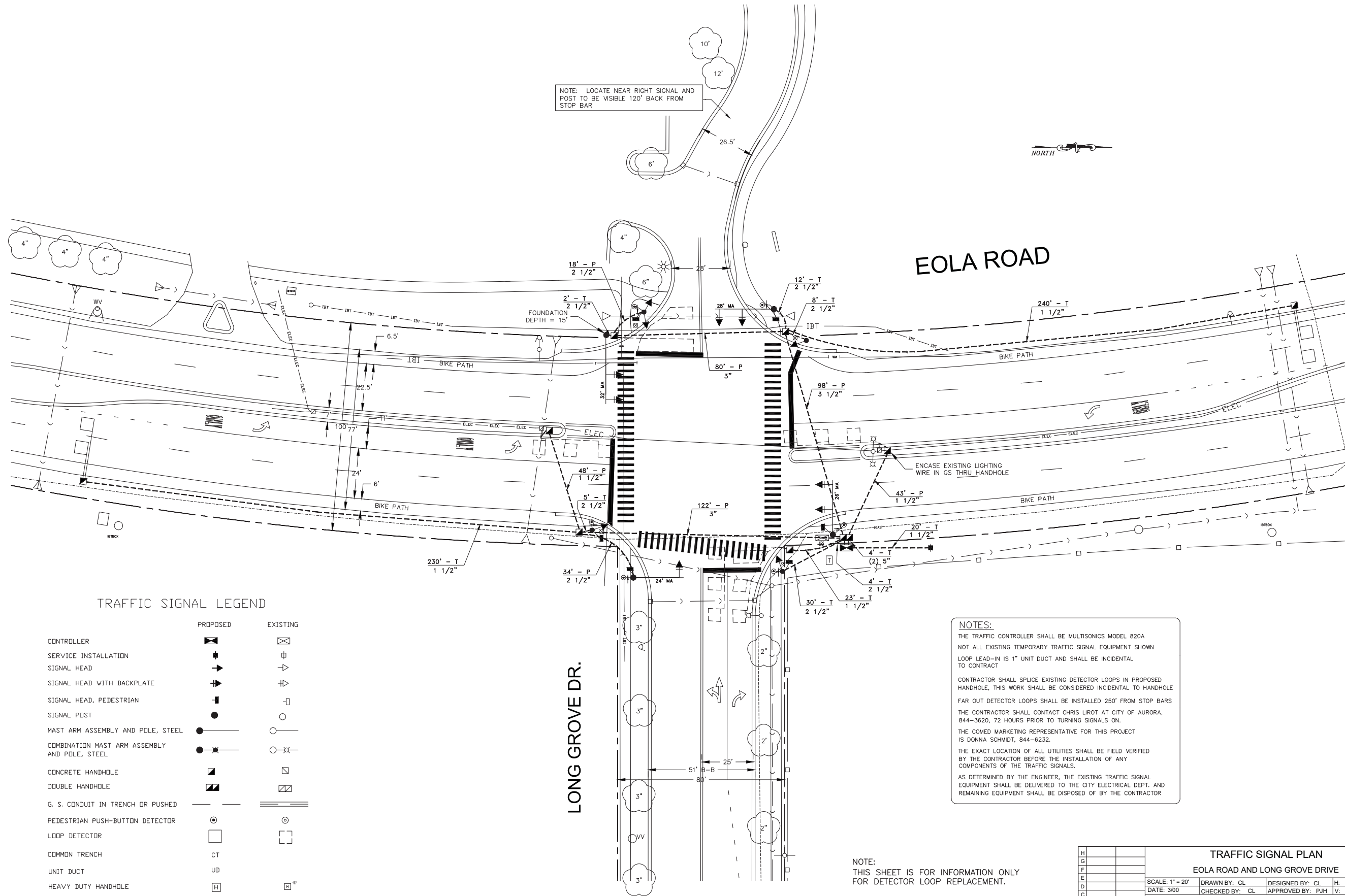
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PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

**CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT**

**RESURFACING PLAN**

SCALE: 1"=20'    SHEET NO. 06 OF 06 SHEETS    STA. 153+50 TO STA. 159+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	15
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL PDST		
MAST ARM ASSEMBLY AND POLE, STEEL		
COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL		
CONCRETE HANDHOLE		
DOUBLE HANDHOLE		
G. S. CONDUIT IN TRENCH OR PUSHED		
PEDESTRIAN PUSH-BUTTON DETECTOR		
LOOP DETECTOR		
COMMON TRENCH	CT	
UNIT DUCT	UD	
HEAVY DUTY HANDHOLE	H	H <sup>c</sup>

**NOTES:**  
 THE TRAFFIC CONTROLLER SHALL BE MULTISONICS MODEL 820A  
 NOT ALL EXISTING TEMPORARY TRAFFIC SIGNAL EQUIPMENT SHOWN  
 LOOP LEAD-IN IS 1" UNIT DUCT AND SHALL BE INCIDENTAL TO CONTRACT  
 CONTRACTOR SHALL SPLICE EXISTING DETECTOR LOOPS IN PROPOSED HANDHOLE, THIS WORK SHALL BE CONSIDERED INCIDENTAL TO HANDHOLE  
 FAR OUT DETECTOR LOOPS SHALL BE INSTALLED 250' FROM STOP BARS  
 THE CONTRACTOR SHALL CONTACT CHRIS LIROT AT CITY OF AURORA, 844-3620, 72 HOURS PRIOR TO TURNING SIGNALS ON.  
 THE COMED MARKETING REPRESENTATIVE FOR THIS PROJECT IS DONNA SCHMIDT, 844-6232.  
 THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNALS.  
 AS DETERMINED BY THE ENGINEER, THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED TO THE CITY ELECTRICAL DEPT. AND REMAINING EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR

NOTE:  
 THIS SHEET IS FOR INFORMATION ONLY FOR DETECTOR LOOP REPLACEMENT.

TRAFFIC SIGNAL PLAN			
EOLA ROAD AND LONG GROVE DRIVE			
SCALE: 1" = 20'	DRAWN BY: CL	DESIGNED BY: CL	IH:
DATE: 3/00	CHECKED BY: CL	APPROVED BY: PJH	IV:
TRAFFIC SIGNAL IMPROVEMENTS			
BY		DATE	REVISIONS
CITY OF AURORA, ILLINOIS		TOTAL SHEET	SHEET NUMBER
ENGINEERING DEPARTMENT		29	16

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 DATE PLOTTED: 2/7/2021 1:55 PM  
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PLOT DATE = 2/7/2021	DATE - 02/08/2021	REVISED -

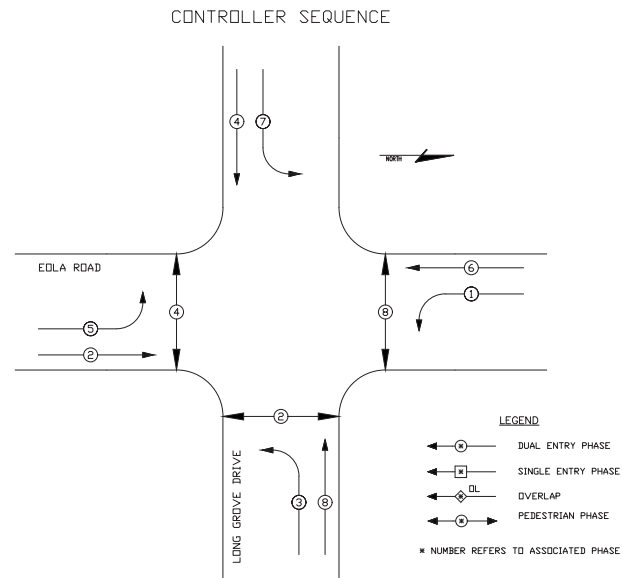
CITY OF AURORA  
 EOLA ROAD RESURFACING PROJECT

EOLA RD. AND LONG GROVE DRIVE TRAFFIC SIGNAL PLAN

SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	16
CONTRACT NO. 61G97				
ILLINOIS FED. AID PROJECT				





**PHASE DESIGNATION DIAGRAM**

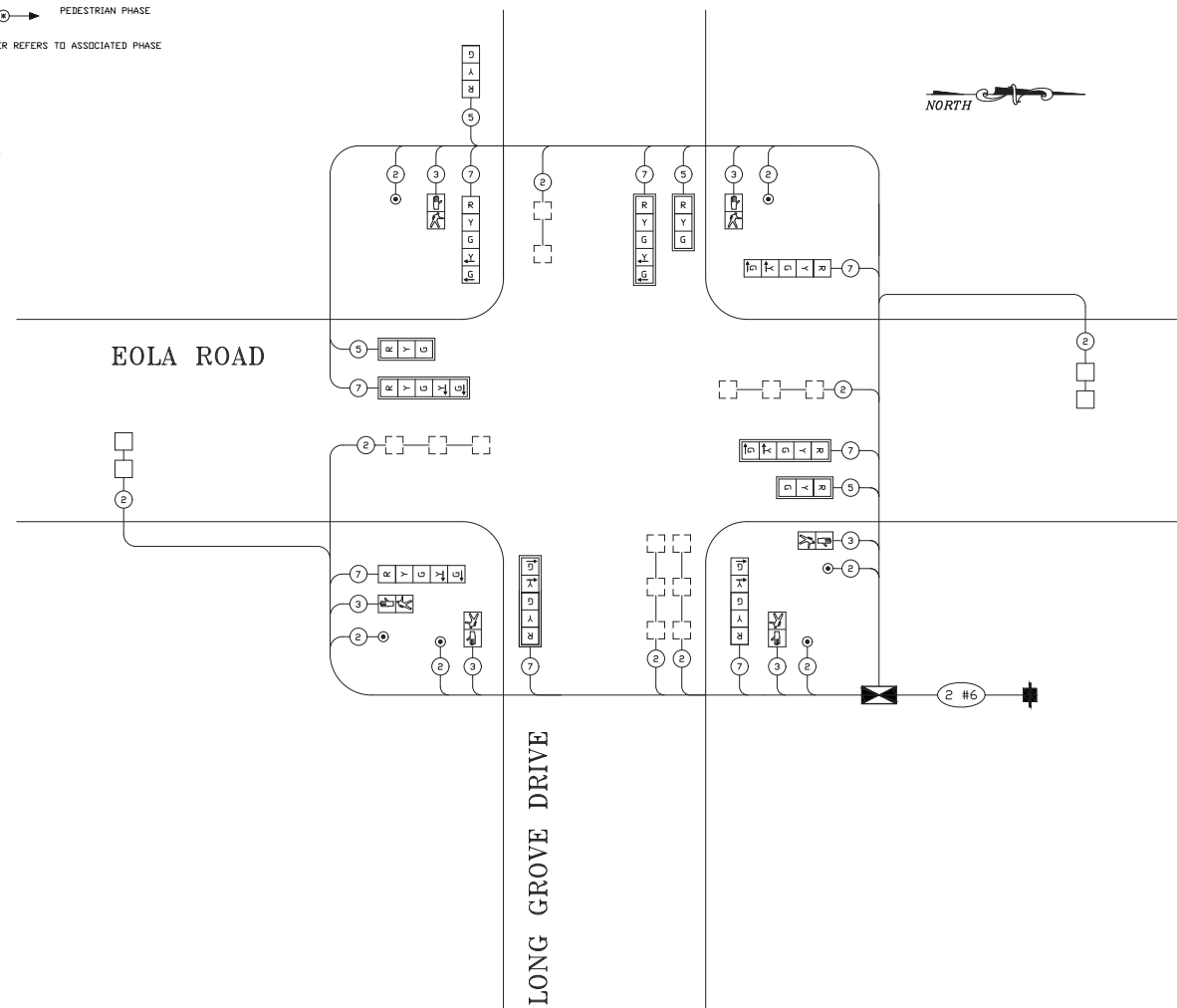
PROTECTED/PERMITTED LEFT TURN PHASING - EOLA ROAD  
 SPLIT PHASE OPERATION - LONG GROVE DRIVE

PHASES 3 & 8 SHALL ALWAYS BE DISPLAYED TOGETHER  
 PHASES 4 & 7 SHALL ALWAYS BE DISPLAYED TOGETHER

IF THERE ARE CALLS FROM BOTH LEGS OF LONG GROVE,  
 THEN 3 & 8 SHALL BE SERVICED FIRST

EOLA ROAD SHALL ALWAYS BE NEXT PHASE WHEN  
 SERVICING PHASES 4 & 7

THE SIMULTANEDUS DISPLAY OF A YELLOW BALL AND  
 YELLOW ARROW WILL NOT BE ALLOWED



**CABLE PLAN LEGEND**

	PROPOSED	EXISTING
12' TRAFFIC SIGNAL SECTION	R	R
12' PEDESTRIAN SIGNAL SECTION	P	P
CONTROLLER CABINET	⊠	⊠
SERVICE INSTALLATION	⊕	⊕
VEHICLE DETECTOR, INDUCTION LOOP	□	□
PUSHBUTTON DETECTOR	⊙	⊙
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED ALL LOOP DETECTOR CABLE TO BE SHIELDED	②	②
SIGNAL FACE WITH BACKPLATE	R Y G Y G	R Y G Y G

NOTE:  
 THIS SHEET IS FOR INFORMATION ONLY  
 FOR DETECTOR LOOP REPLACEMENT.

SCHEDULE OF QUANTITIES, CABLE PLAN AND PHASE DESIGNATION DIAGRAM			
SCALE	N.T.S.	DRAWN	CEL
DATE	3/17/00	CHECKED	CEL
DESIGNED	CEL	APPROVED	PJH
EOLA ROAD AND LONG GROVE DRIVE			
BY	DATE	CITY OF AURORA, ILLINOIS ENGINEERING DEPARTMENT	TOTAL SHEETS SHEET NUMBER
REVISIONS			

COMPANY NAME: [REDACTED]  
 PROJECT CONTACT: [REDACTED]  
 CLIENT: [REDACTED]  
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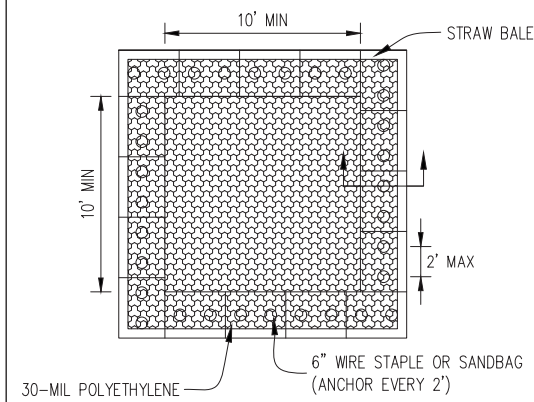
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**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

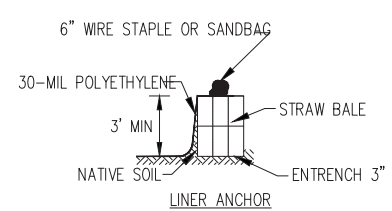
**EOLA RD. AND LONG GROVE DRIVE CABLE PLAN**

SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.

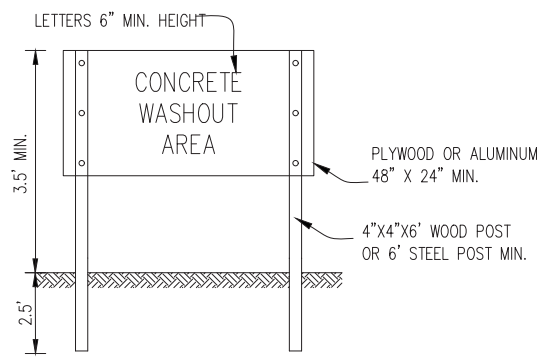
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	17
CONTRACT NO. 61G97				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



STRAW BALE ANCHOR SECTIONS



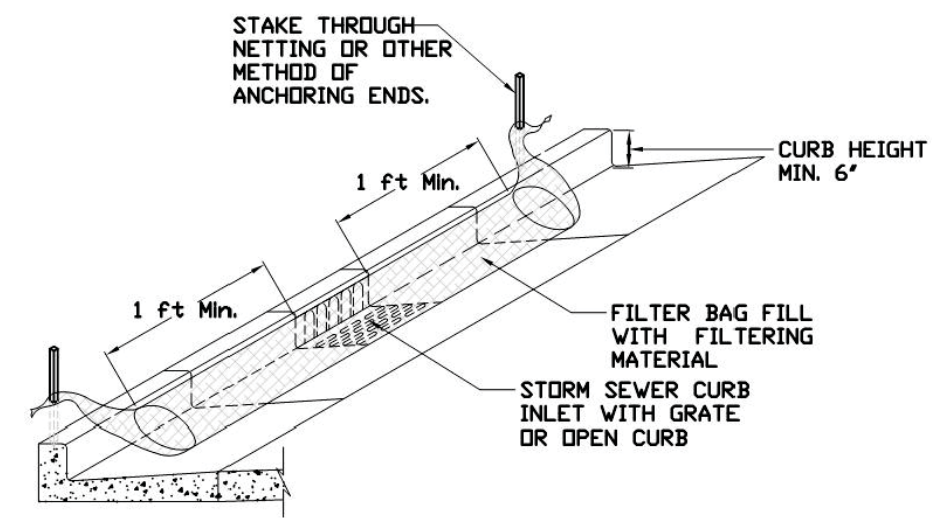
SIGN DETAIL

NOTES:

1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDEND CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.
3. EACH STRAW BALE IS TO BE STAKED IN PLACE USING (2) 2"x2"x4' WOODEN STAKES.

COMPANY NAME: PROJECT CONTACT: CLIENT: DATE PLOTTED: FILE NAME: PLOT DRIVER: PEN TABLE:	USER NAME = MLEWIS FILE NAME = 200913-Details PLOT SCALE = N.T.S. PLOT DATE = 2/7/2021	DESIGNED - MPL DRAWN - MPL CHECKED - TW DATE - 02/08/2021	REVISED - REVISED - REVISED - REVISED -	
	TEMPORARY CONCRETE WASHOUT FACILITY - STRAW BALE			
	Designed _____ Drawn by: JSH/MSDML Checked _____ Approved _____	Date _____ Date _____ Date _____ Date _____	Date _____ Date _____ Date _____ Date _____	Date _____ Date _____ Date _____ Date _____
	1" = 1'			

### INLET PROTECTION - PAVED AREAS CURB PROTECTION

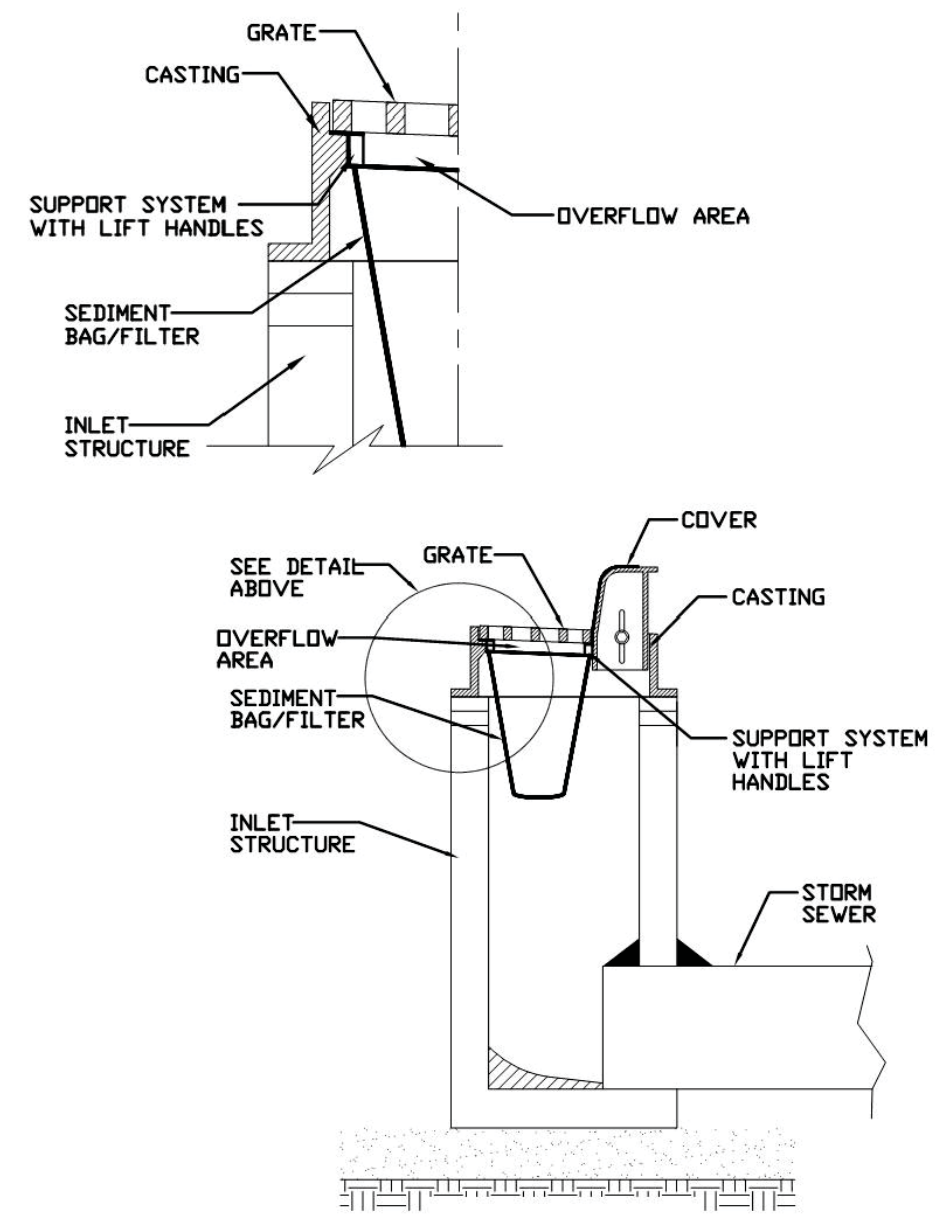


REFERENCE Project _____ Designed _____ Checked _____ Approved _____	Date _____ Date _____ Date _____ Date _____
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STANDARD DWG. NO. <b>IUM-561C</b> SHEET 1 OF 1 DATE 01-11-11
---

### INLET PROTECTION - PAVED AREAS DROP-IN PROTECTION



REFERENCE Project _____ Designed _____ Checked _____ Approved _____	Date _____ Date _____ Date _____ Date _____
---	--



STANDARD DWG. NO. <b>IUM-561D</b> SHEET 1 OF 1 DATE 01-11-11
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 CLIENT:  
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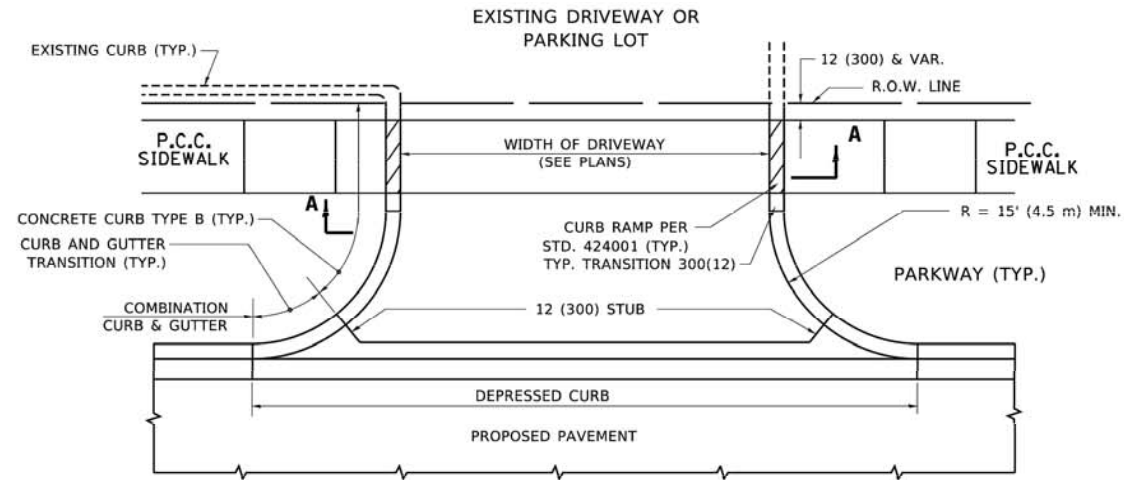
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**CITY OF AURORA**  
**EOLA ROAD RESURFACING PROJECT**

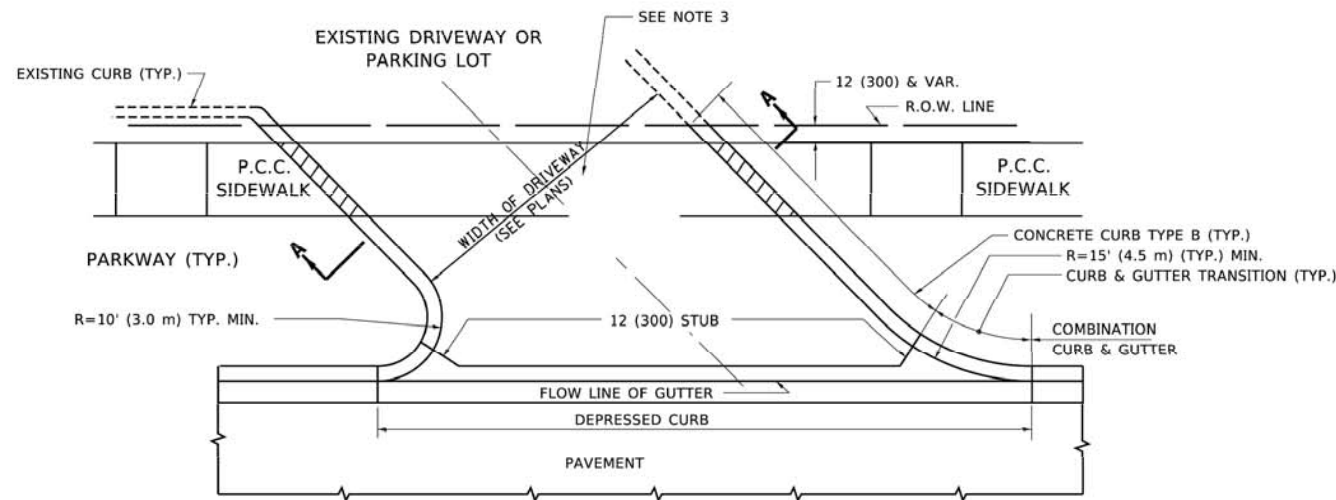
**EROSION CONTROL DETAILS**

SCALE: N.T.S. SHEET NO. 01 OF 01 SHEETS STA. TO STA.

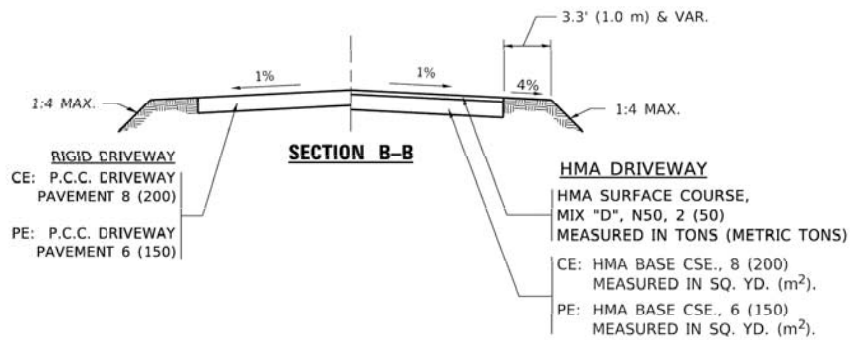
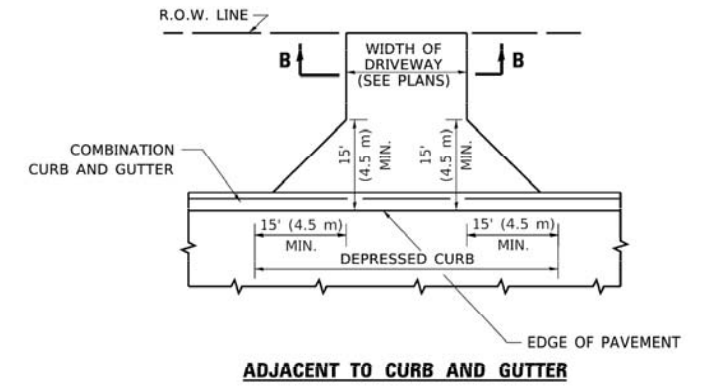
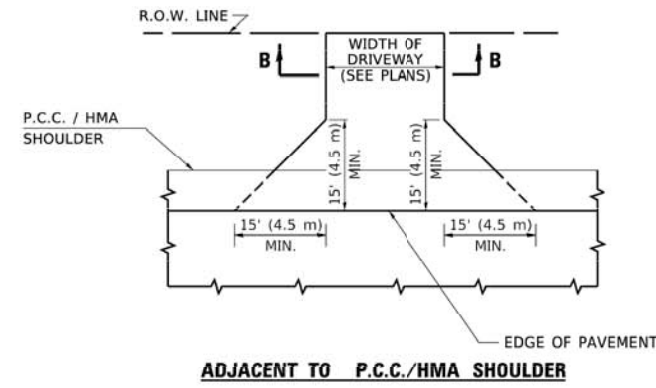
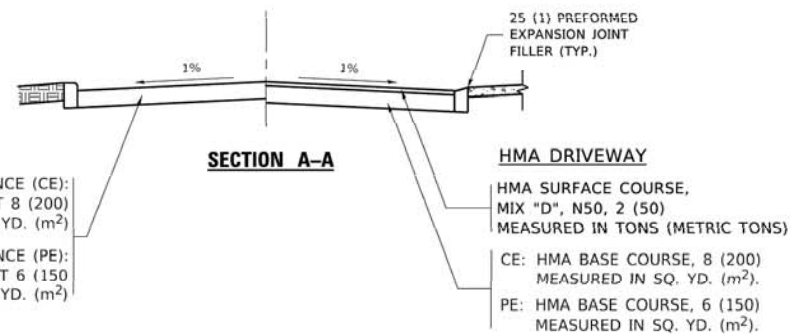
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2531	20-00334-00-RS	DUPAGE	29	18
<b>CONTRACT NO. 61G97</b>				
ILLINOIS FED. AID PROJECT				



**WITH CONCRETE CURB, TYPE B**



**WITH CONCRETE CURB, TYPE B**



**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED - R. BORO 01-01-07
PLOT DATE = 3/27/2019	CHECKED -	REVISED - R. BORO 06-11-08
	DATE - 11-04-95	REVISED - R. BORO 09-06-11

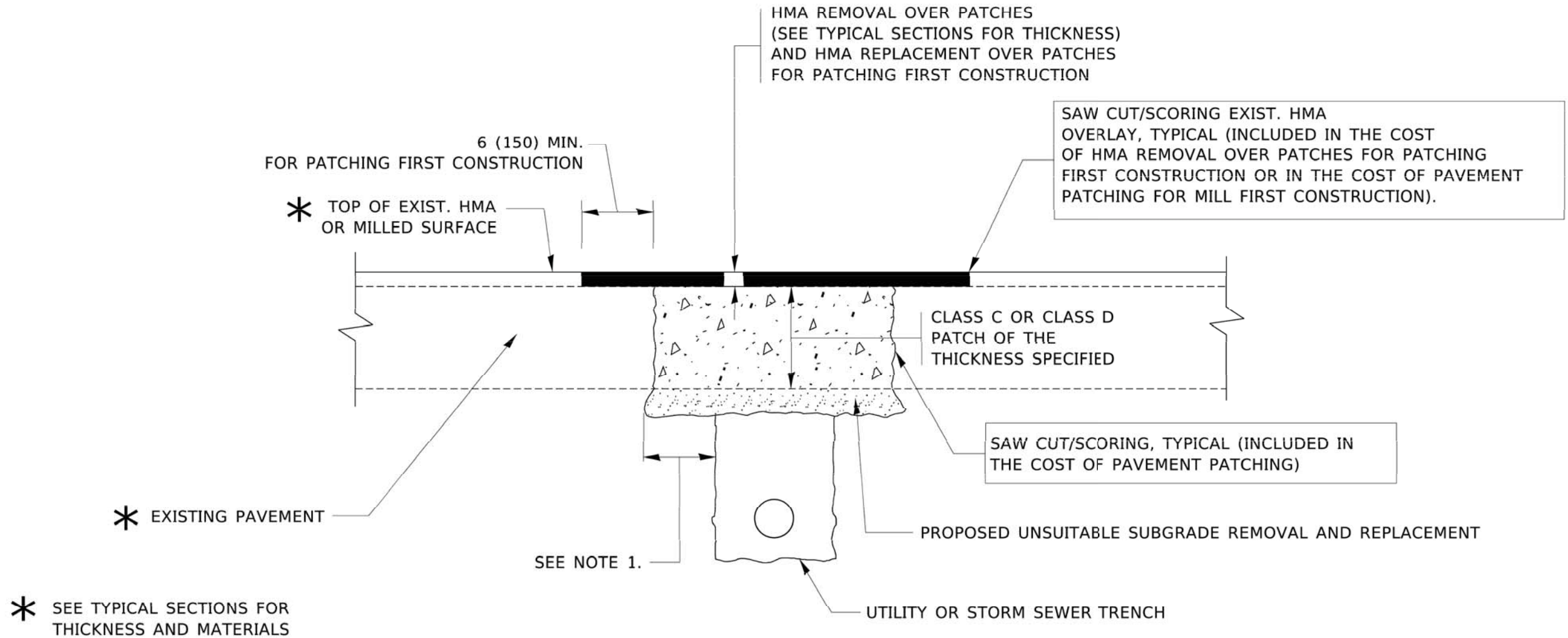
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
 AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				19
BD400-01 (BD-01)			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				





**NOTES:**

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

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

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

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST 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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 PLOT DATE: None  
 PLOT SCALE: None  
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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

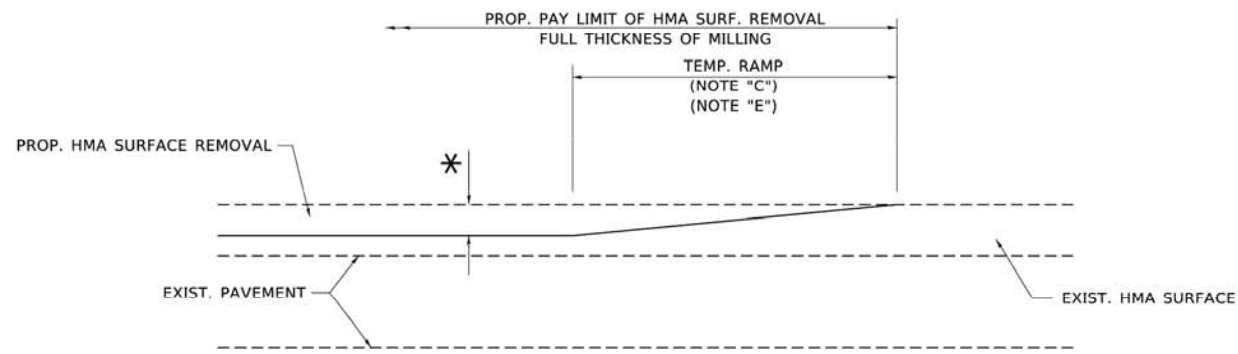
PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				20
BD400-04 (BD-22)			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

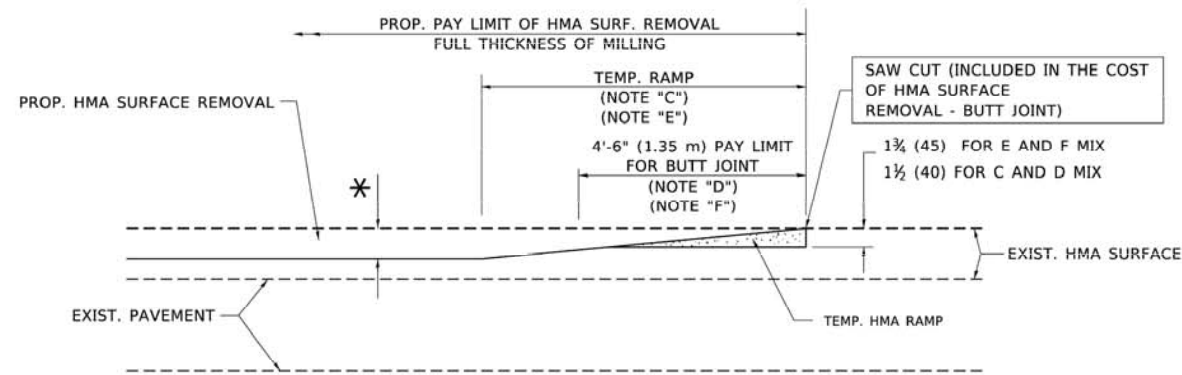






**MILLED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

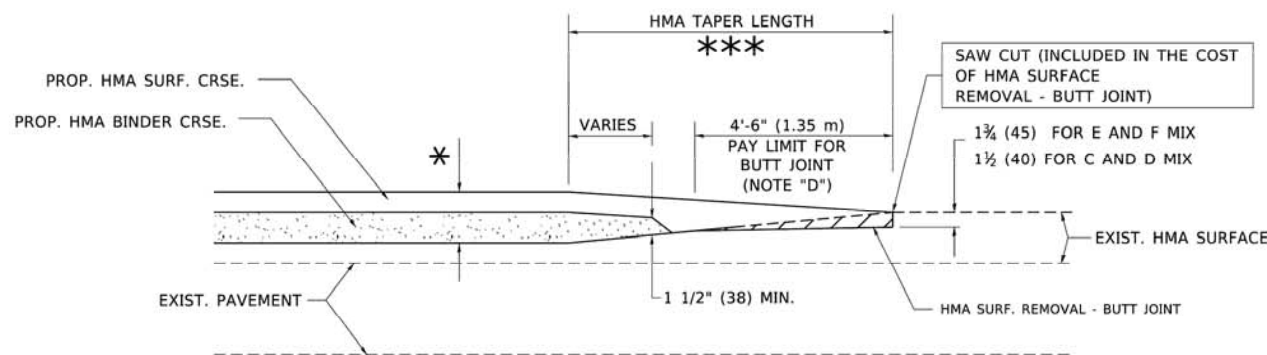
**OPTION 1**



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

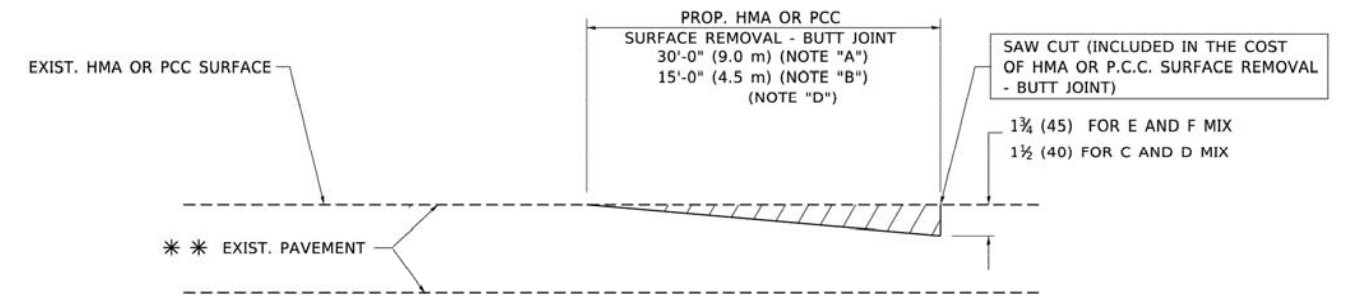
**OPTION 2**

**TYPICAL TEMPORARY RAMP**

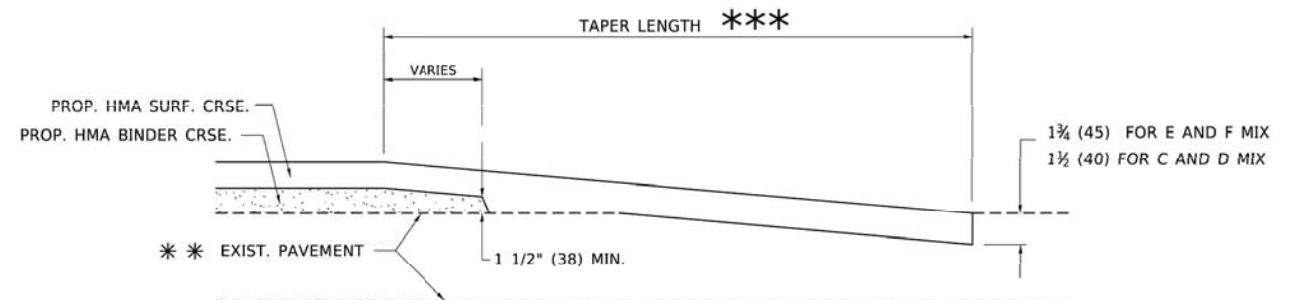


**BUTT JOINT AND HMA TAPER**

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



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

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

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

**NOTES**

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

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PLOT DATE: 3/27/2019

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	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 50.0000' / in.	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

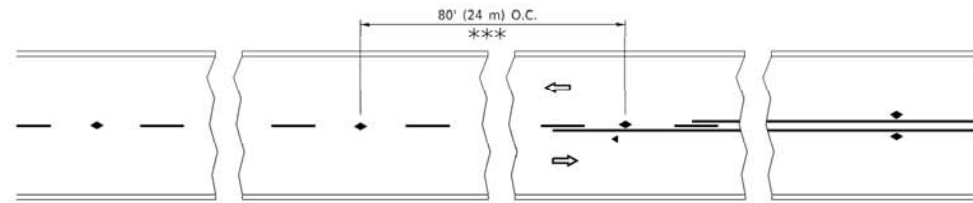
BUTT JOINT AND  
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			22	
BD400-05		BD32	CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

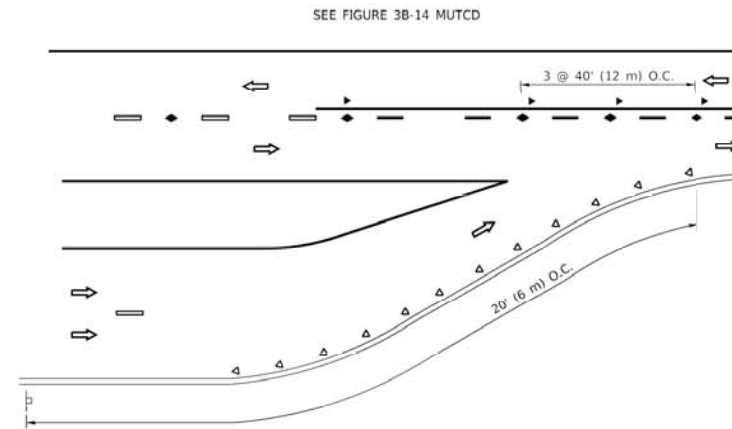




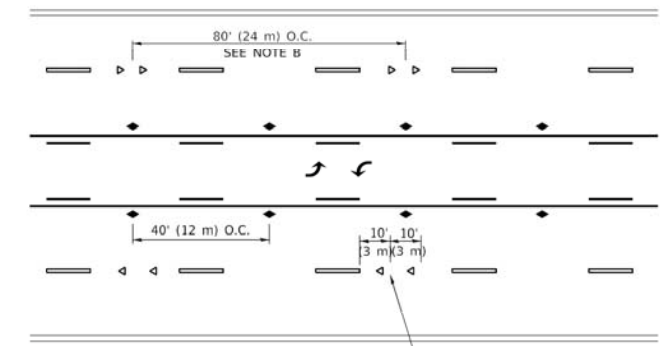


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

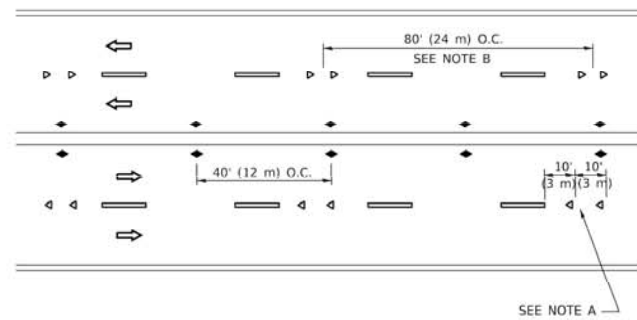
**TWO-LANE/TWO-WAY**



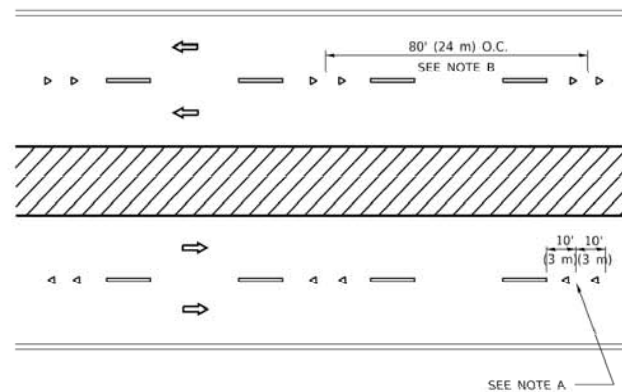
**LANE REDUCTION TRANSITION**



**TWO-WAY LEFT TURN**



**MULTI-LANE/UNDIVIDED**



**MULTI-LANE/DIVIDED**

**GENERAL NOTES**

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

**SYMBOLS**

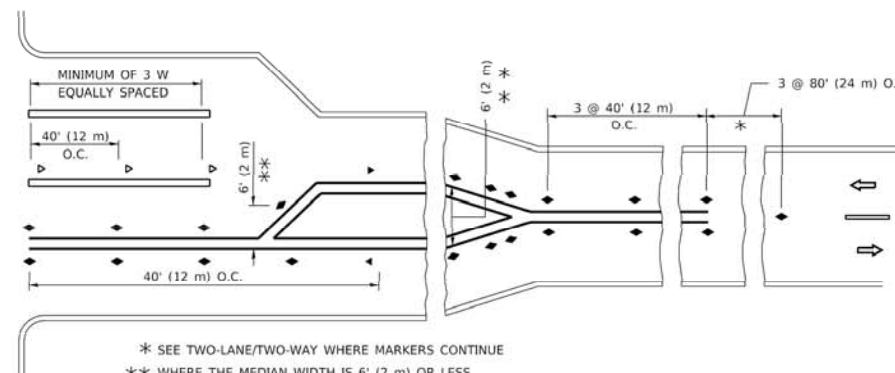
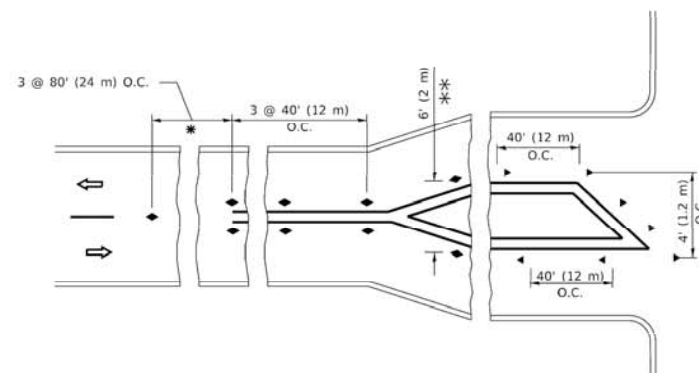
- YELLOW STRIPE
- WHITE STRIPE
- ▲ ONE-WAY AMBER MARKER
- ◄ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**LANE MARKER NOTES**

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

**DESIGN NOTES**

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



\* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE  
 \*\* WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

**TURN LANES**

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

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 PLOT NAME: 200913--Details  
 PLOT DATE: None  
 PLOT SCALE: None  
 PLOT DATE: 3/4/2019

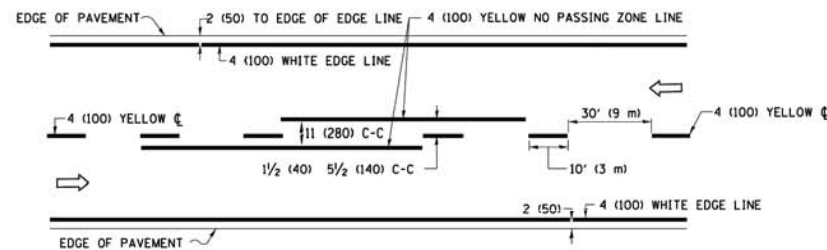
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50,000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

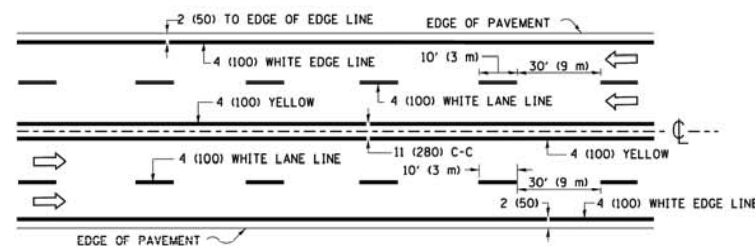
TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

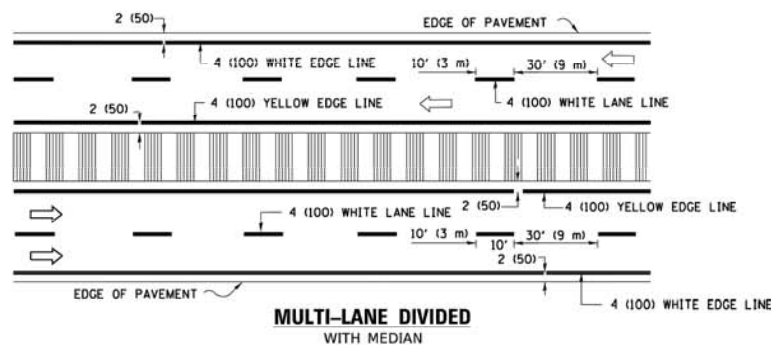
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				24
TC-11			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

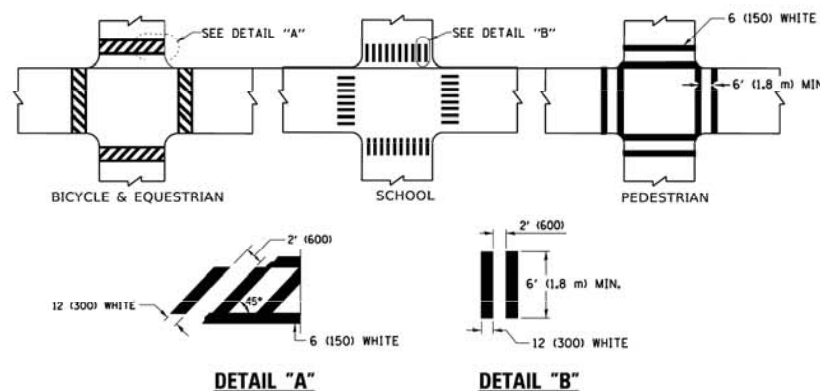


**MULTI-LANE UNDIVIDED**



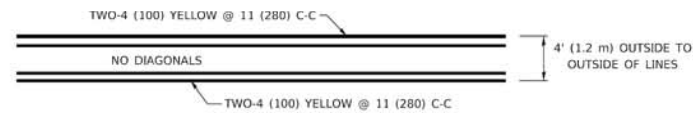
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

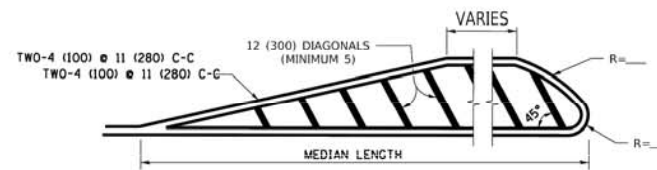


**TYPICAL CROSSWALK MARKING**

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

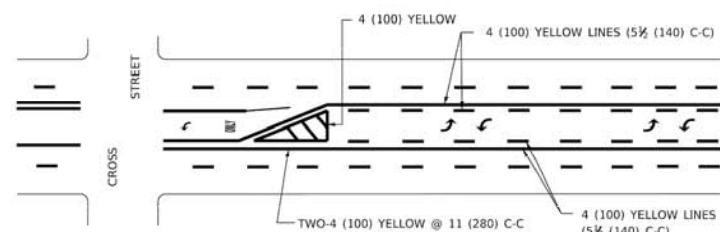


**4' (1.2 m) WIDE MEDIANS ONLY**



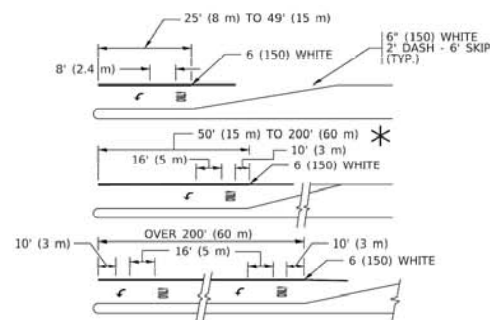
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.  
 DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
 75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
 150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

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



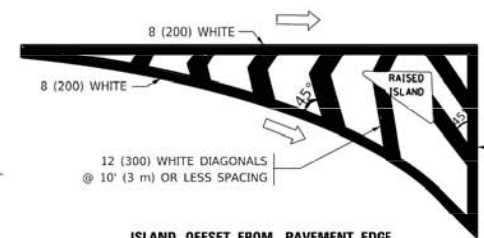
**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

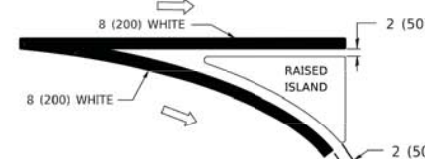


**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**

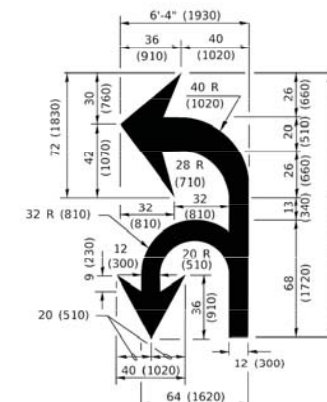


**ISLAND OFFSET FROM PAVEMENT EDGE**

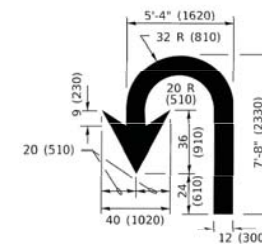


**ISLAND AT PAVEMENT EDGE**

**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) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) 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.
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' (4.5 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
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.

DATE PLOTTED: 2/7/2021 1:58 PM  
 PLOT DRIVER: None  
 PLOT PAPER: None  
 PLOT SCALE: 1"=50.0000'

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
TYPICAL PAVEMENT MARKINGS**

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

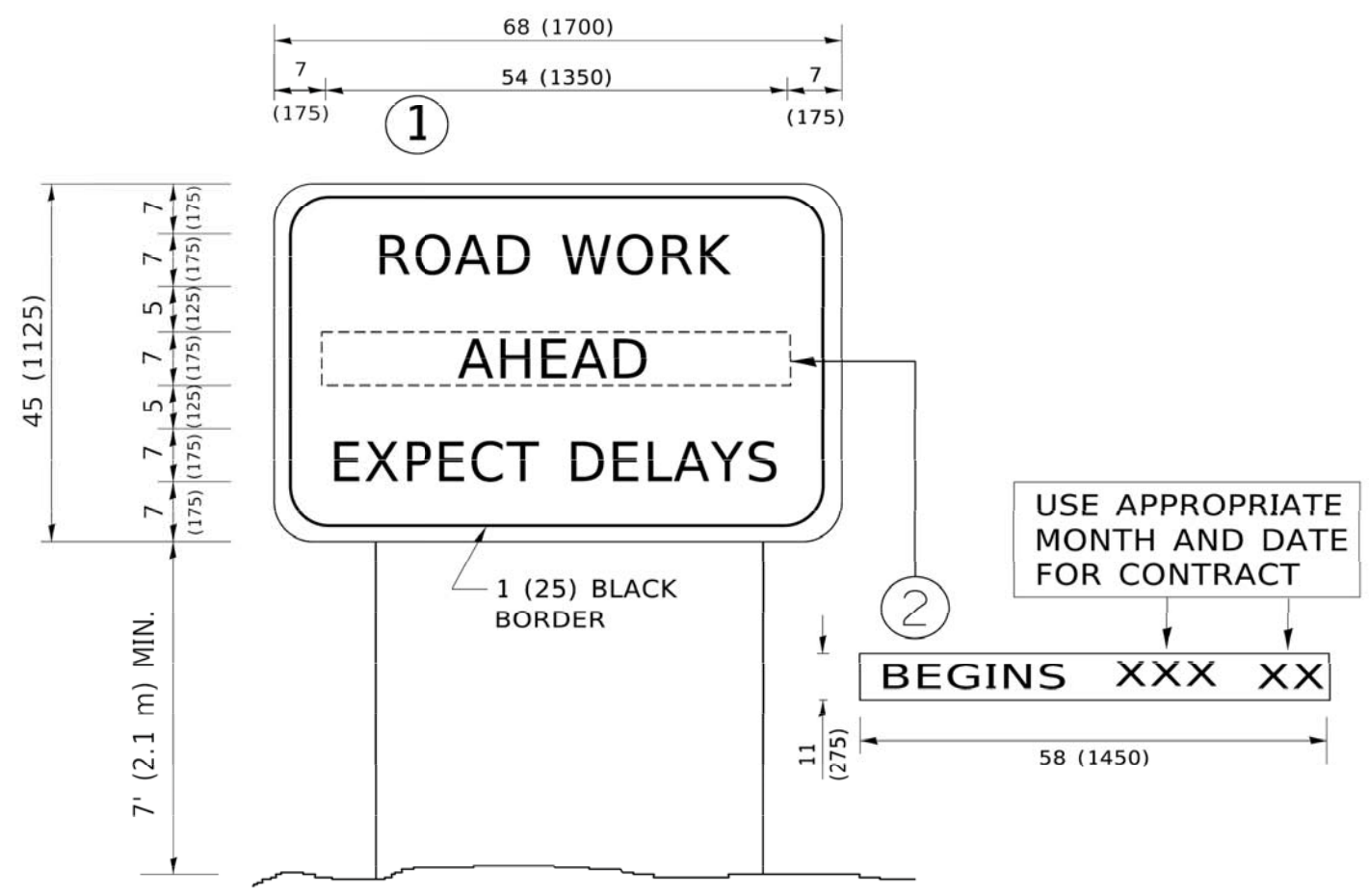
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-13		25	
ILLINOIS		CONTRACT NO.		
FED. AID PROJECT				







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**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.

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

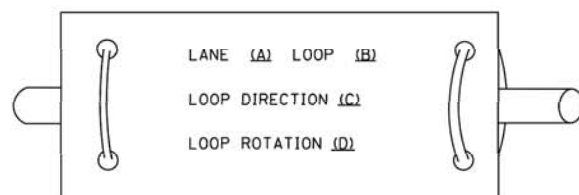
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				27
TC-22			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

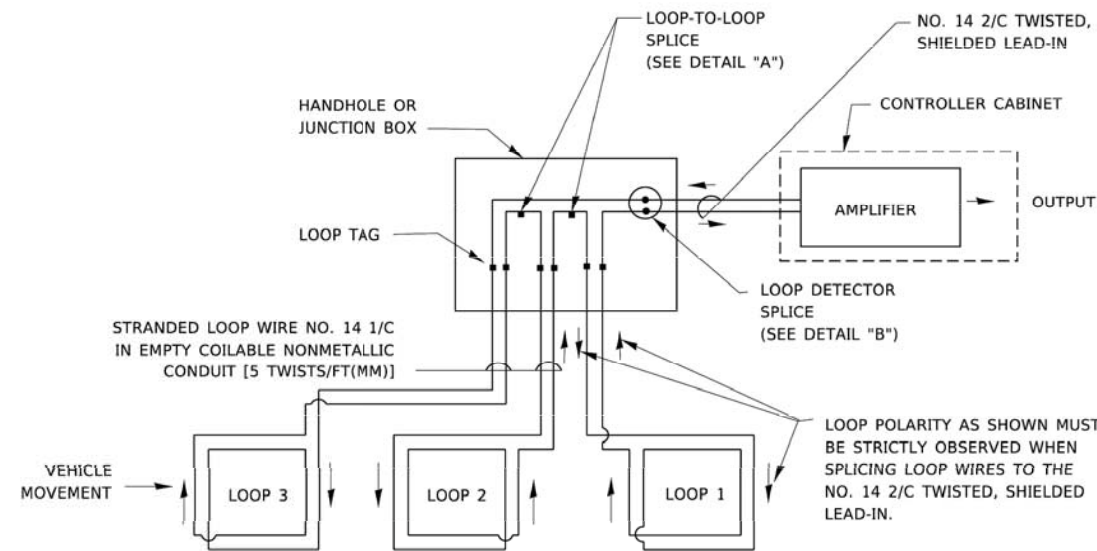
**LOOP DETECTOR NOTES**

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

**LOOP LEAD-IN CABLE TAG**

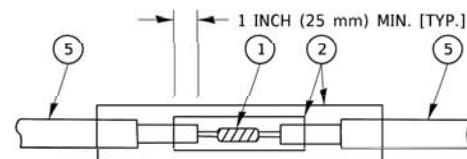


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

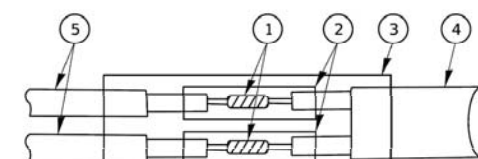


**DETECTOR LOOP WIRING SCHEMATIC**

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

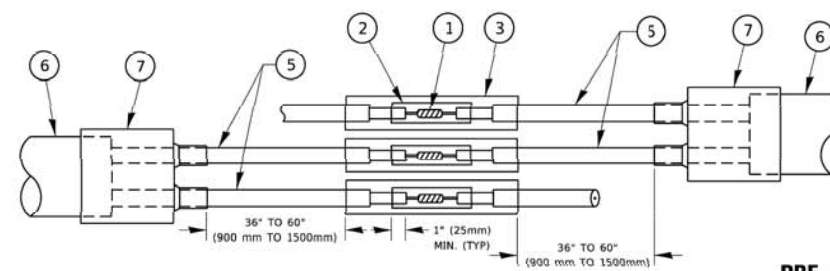


DETAIL "A"  
LOOP-TO-LOOP SPLICE

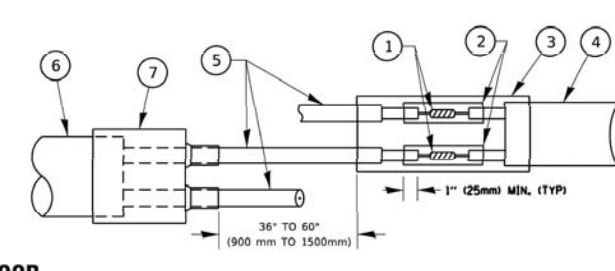


DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**TYPE I LOOP**



DETAIL "A"  
LOOP-TO-LOOP SPLICE



DETAIL "B"  
LOOP-TO-CONTROLLER SPLICE

**PREFORMED LOOP**

**LOOP DETECTOR SPLICE**

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

DATE PLOTTED: 2/7/2021 1:59 PM  
 PLOT DATE: 2/09/13--Details  
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 PLOT PAPER: None  
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USER NAME = footemj	DESIGNED -	REVISED -
DRAWN -	REVISOR -	REVISION -
PLOT SCALE = 50,0000' / in.	CHECKED -	REVISOR -
PLOT DATE = 3/4/2019	DATE -	REVISION -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE  
 STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TS-05		28	28
ILLINOIS		FED. AID PROJECT		



