

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	1
ILLINOIS			CONTRACT NO. 62N63	

* 37 + 2 = 39 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED
IN THE CITY OF ELGIN AND
VILLAGE OF HOFFMAN ESTATES

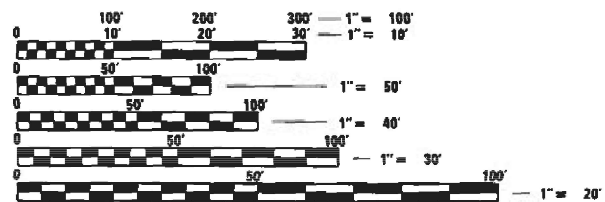
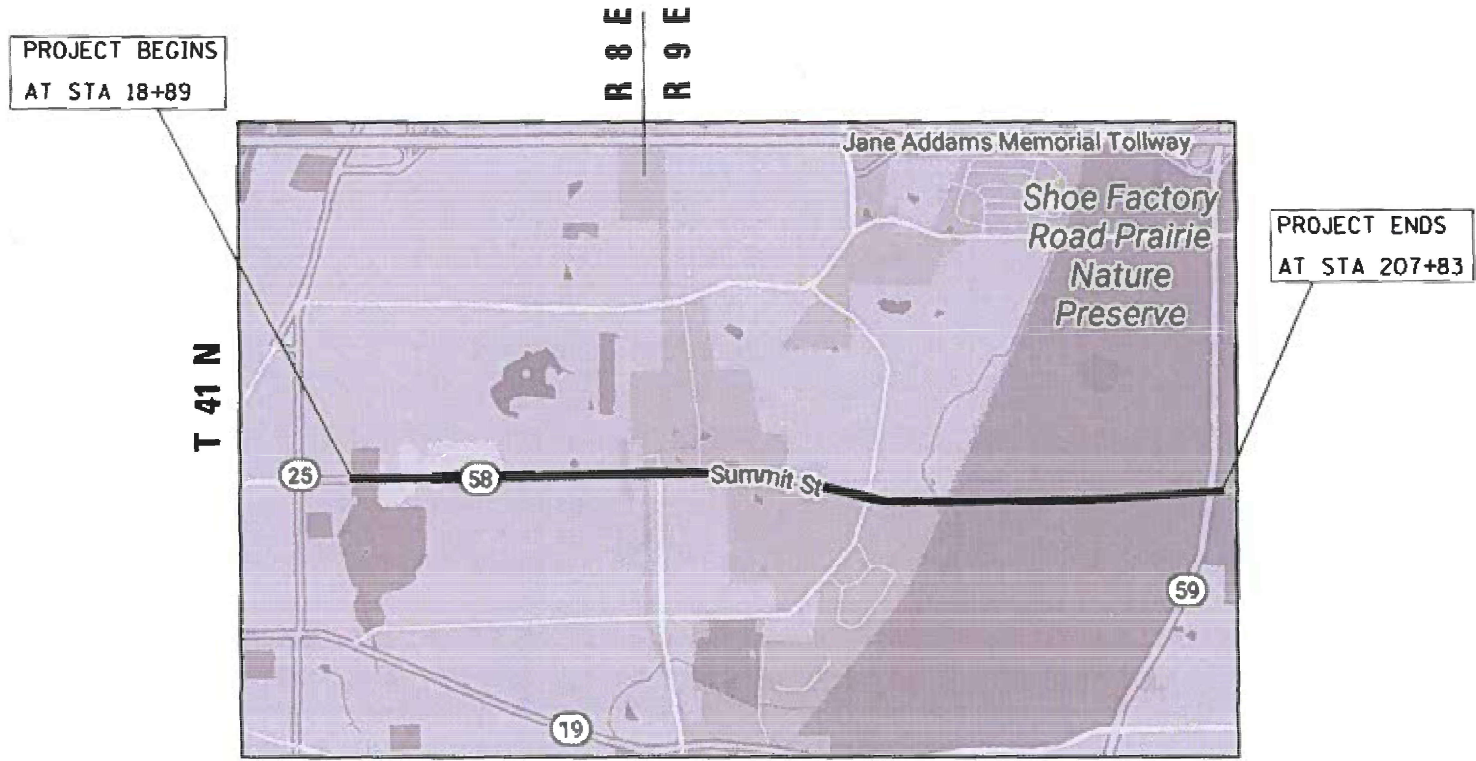
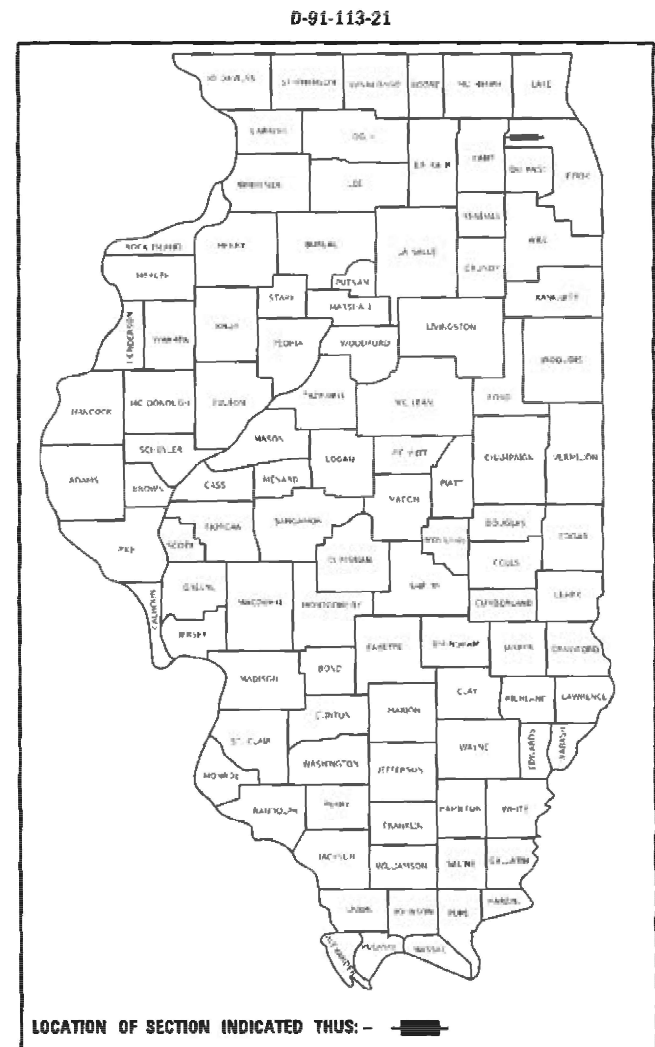
PROPOSED
HIGHWAY PLANS

FAU ROUTE 1320: ILL 58 (SUMMIT ST)
E OF KANE CO LINE TO ILL 59 (SUTTON RD)
SECTION 2021-013-RS&SW
PROJECT STP-2IH8(825)
STANDARD OVERLAY, ADA IMPROVEMENT
COOK COUNTY

TRAFFIC DATA

2017 ADT = 13700
POSTED SPEED LIMIT = 35-50 MPH

C-91-136-21



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

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

PROJECT MANAGER: MIDY, J. ALAIN (847) 221-3056

HANOVER TOWNSHIP

GROSS LENGTH = 18894 FT. = 3.578 MILE

CONTRACT NO. 62N63

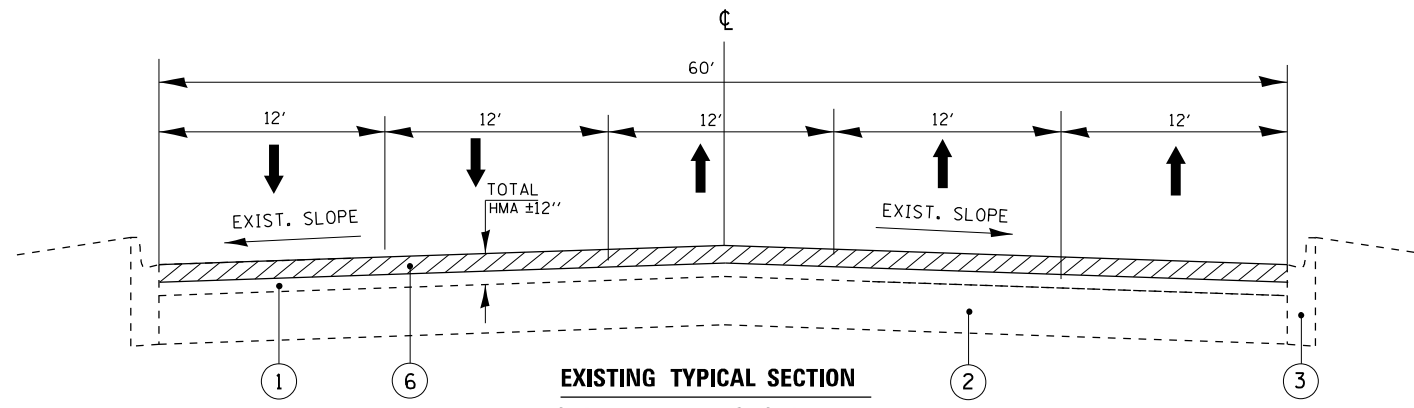
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED August 4, 2021
Jose Rios REGIONAL ENGINEER

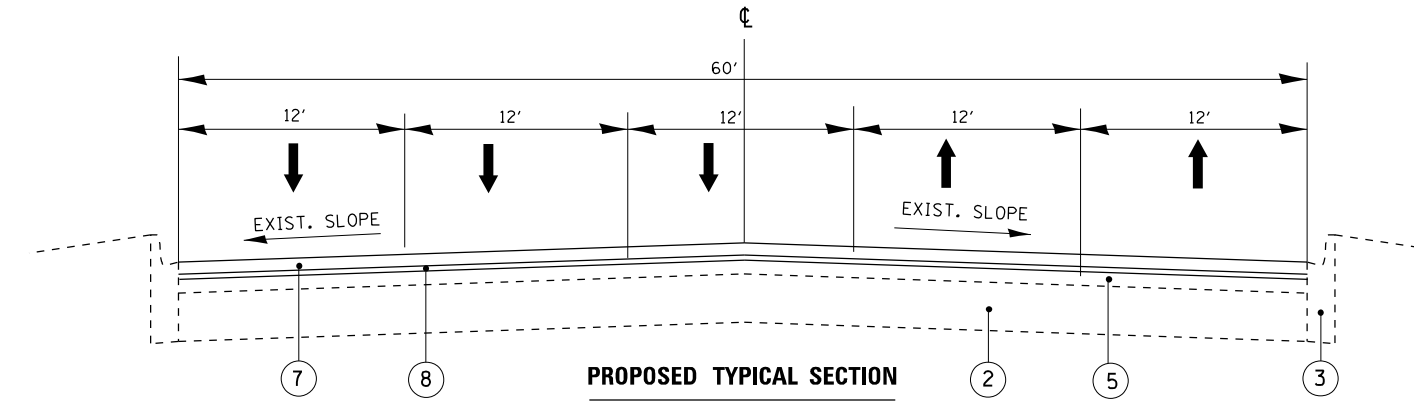
October 1, 2021
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

October 21, 2021
Stephen M. Smith DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

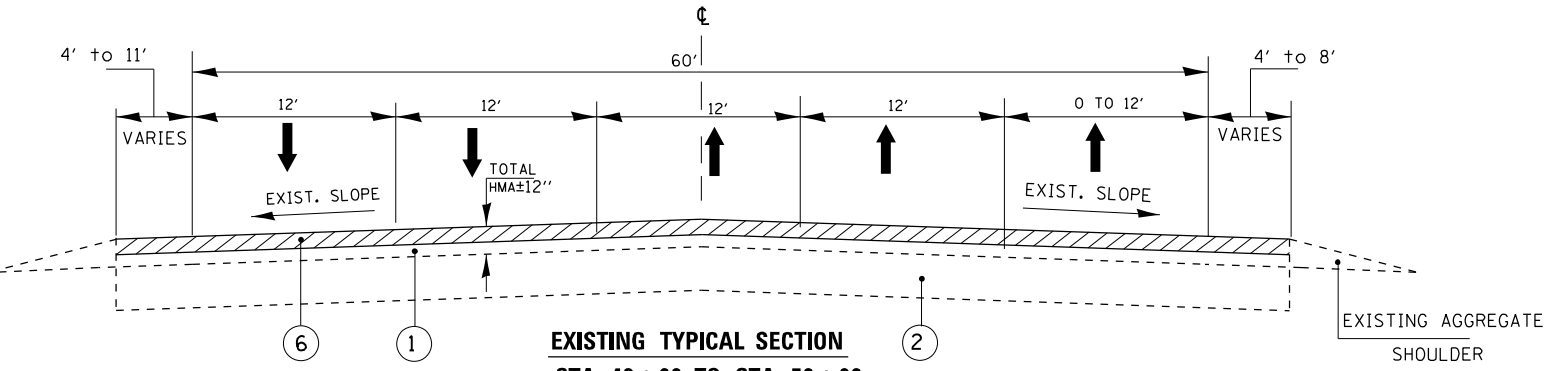
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OF THE STATE OF ILLINOIS



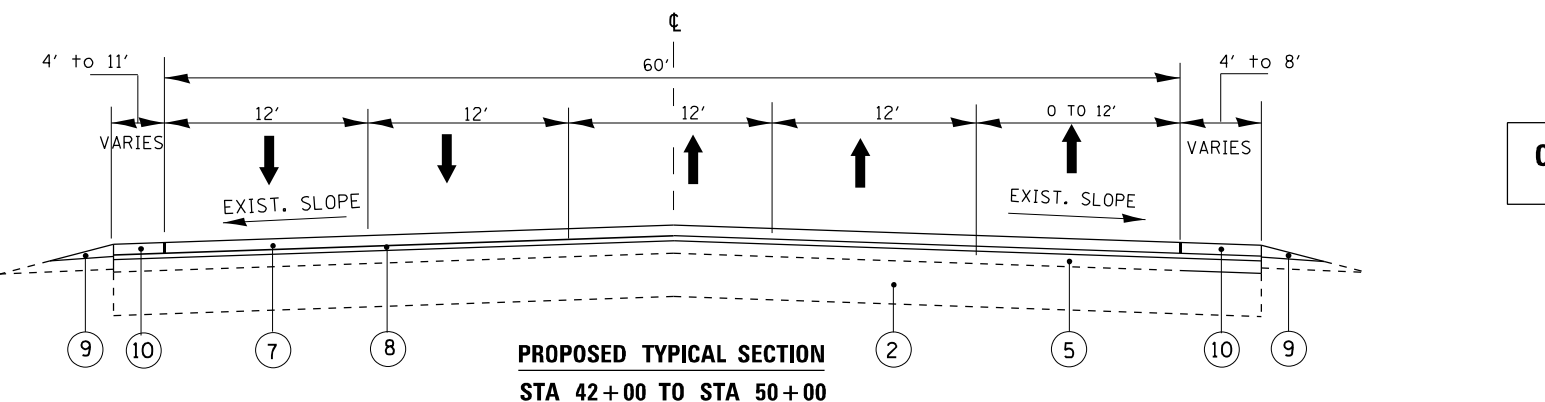
**EXISTING TYPICAL SECTION
STA 18+89.21 TO STA 42+00**



**PROPOSED TYPICAL SECTION
STA 18+89.21 TO STA 42+00**



**EXISTING TYPICAL SECTION
STA 42+00 TO STA 50+00**



**PROPOSED TYPICAL SECTION
STA 42+00 TO STA 50+00**

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT OVERLAY		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80. 1 3/4"	3.5% @ 80 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70. 1 3/4"	4% @ 70 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50. 3/4"	3.5% @ 50 GYR.	QCP
SHOULDER OVERLAY		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70 1 3/4"	4% @ 70 GYR.	QC/QA
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50. 3/4"	3.5% @ 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC / QA
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50 2"	4% @ 50 GYR.	QC / QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER II-19mm)	4% @ 50 GYR.	QC / QA
MEDIAN		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 4" (IN 2 LIFTS)	4% @ 50 GYR.	QC / QA
QMP Designation: Quality Control / Quality Assurance (QC / QA); Quality Control for Performance (QCP); Pay for Performance (PFP)		

NOTE:

- THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES 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.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUANTITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLY HMA BASE COURSE IL-4.75, N50.

LEGEND

- ① EXISTING HMA PAVEMENT ±12"
- ② EXISTING CONCRETE PAVEMENT ±7"
- ③ EXISTING COMBINATION CURB AND GUTTER
- ④ EXISTING CONCRETE RAISED MEDIAN
- ⑤ EXISTING HMA PAVEMENT AFTER MILLING
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL -9.5, N70 1 3/4"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL -4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
PROPOSED GRADING AND SHAPING SHOULDERS
- ⑩ PROPOSED HMA SHOULDER (HMA SC, IL-9.5 MIX "D" N70 1 3/4"
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 1 3/4"

CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

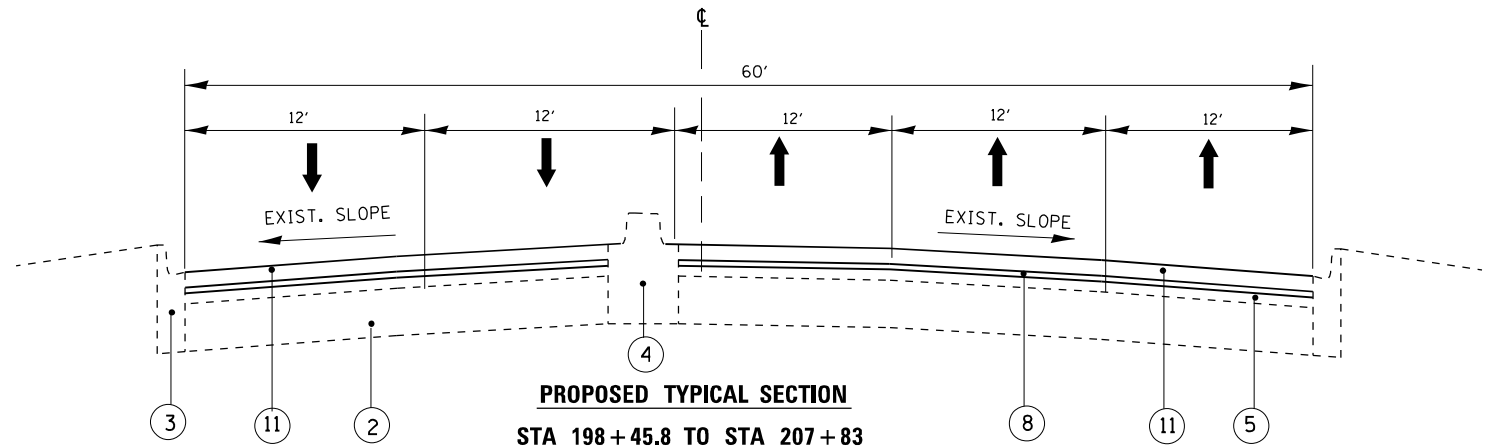
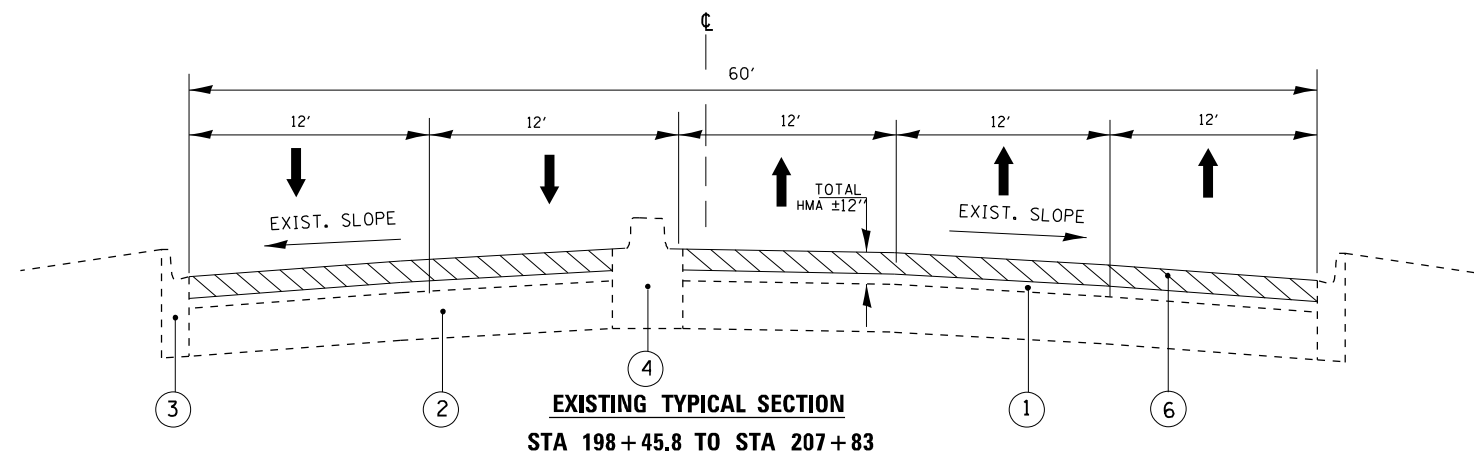
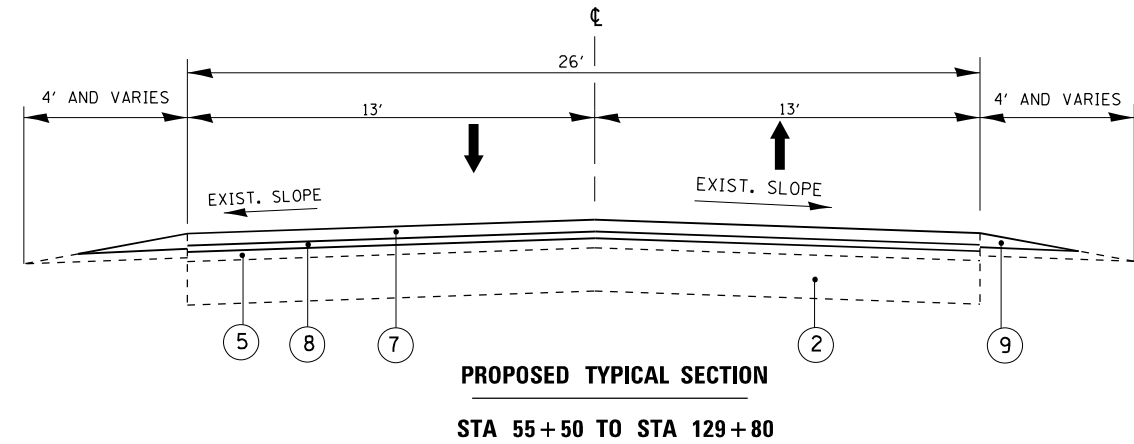
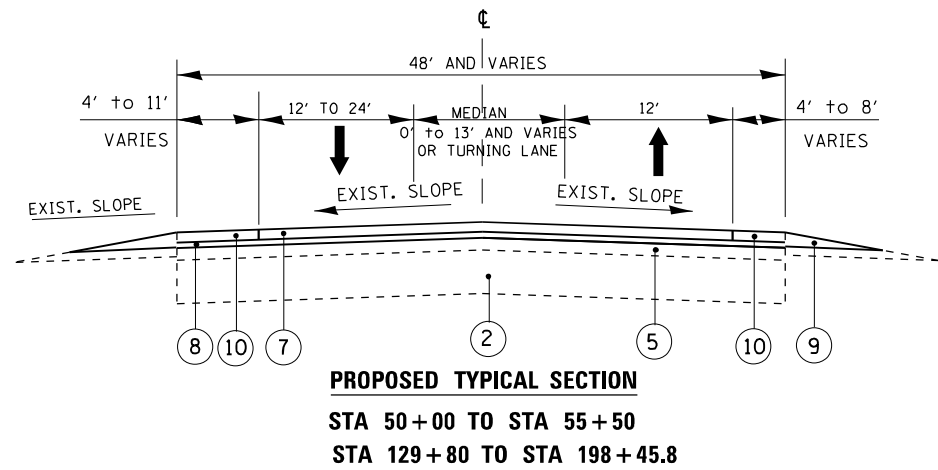
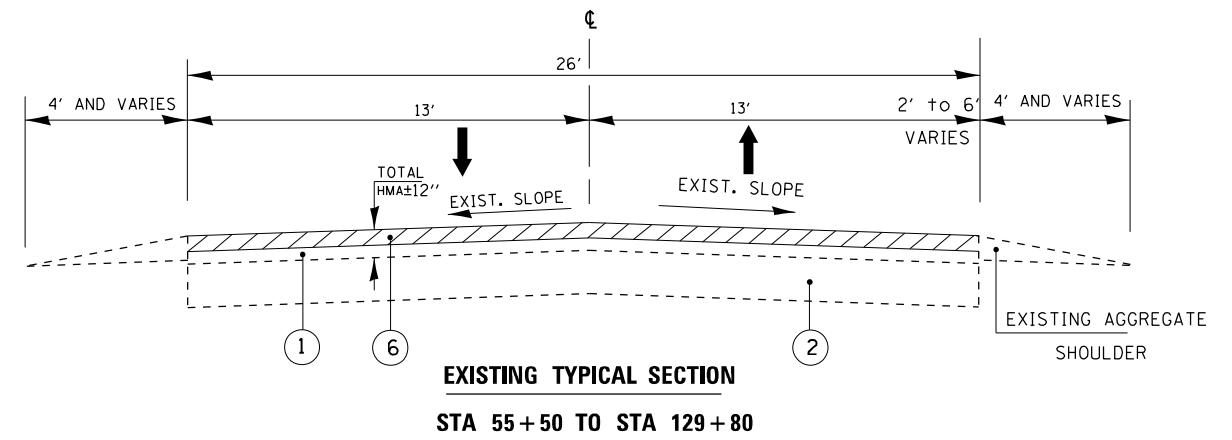
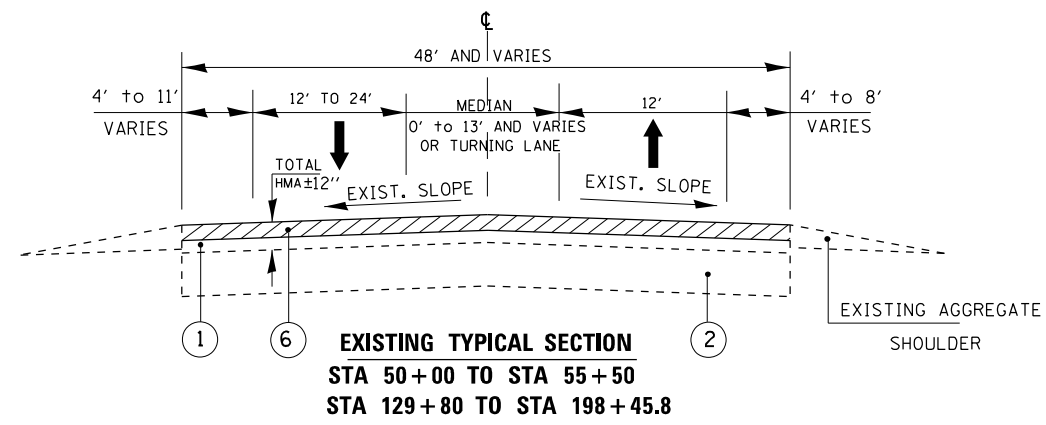
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED TYPICAL SECTIONS IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N63	



LEGEND

- ① EXISTING HMA PAVEMENT ±12"
- ② EXISTING CONCRETE PAVEMENT ±7"
- ③ EXISTING COMBINATION CURB AND GUTTER
- ④ EXISTING CONCRETE RAISED MEDIAN
- ⑤ EXISTING HMA PAVEMENT AFTER MILLING
- ⑥ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2 1/2"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL -9.5, N70 1 3/4"
- ⑧ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL -4.75, N50, 3/4"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B PROPOSED GRADING AND SHAPING SHOULDERS
- ⑩ PROPOSED HMA SHOULDER (HMA SC, IL-9.5 MIX "D" N70 1 3/4"
- ⑪ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 1 3/4"

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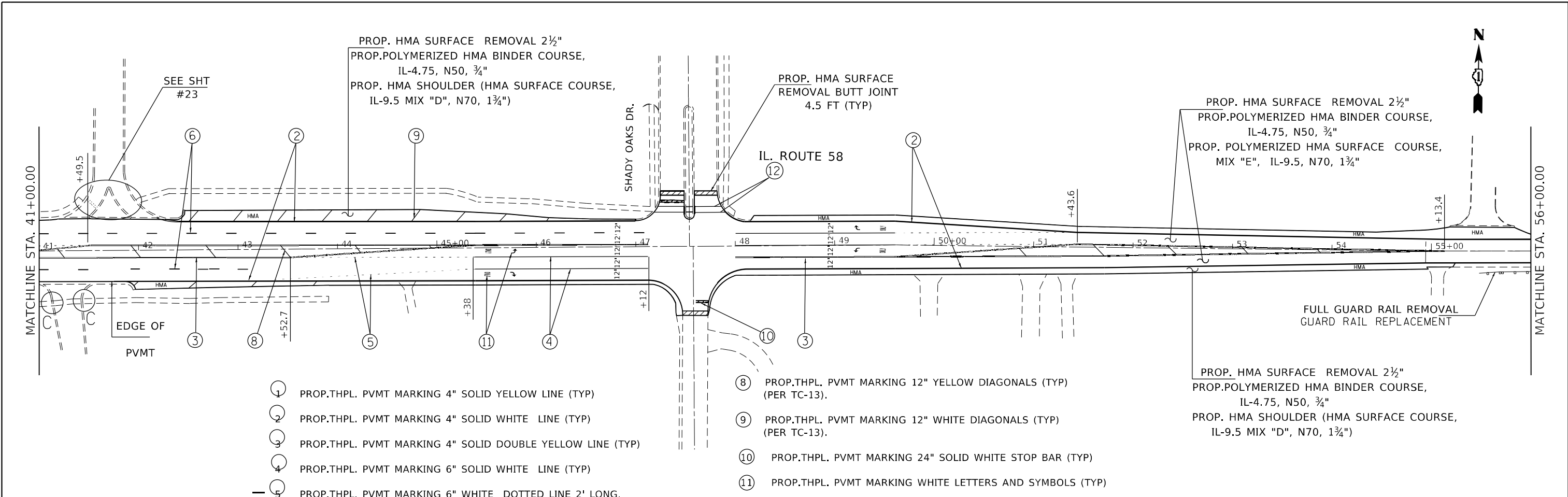
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED TYPICAL SECTIONS
 IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

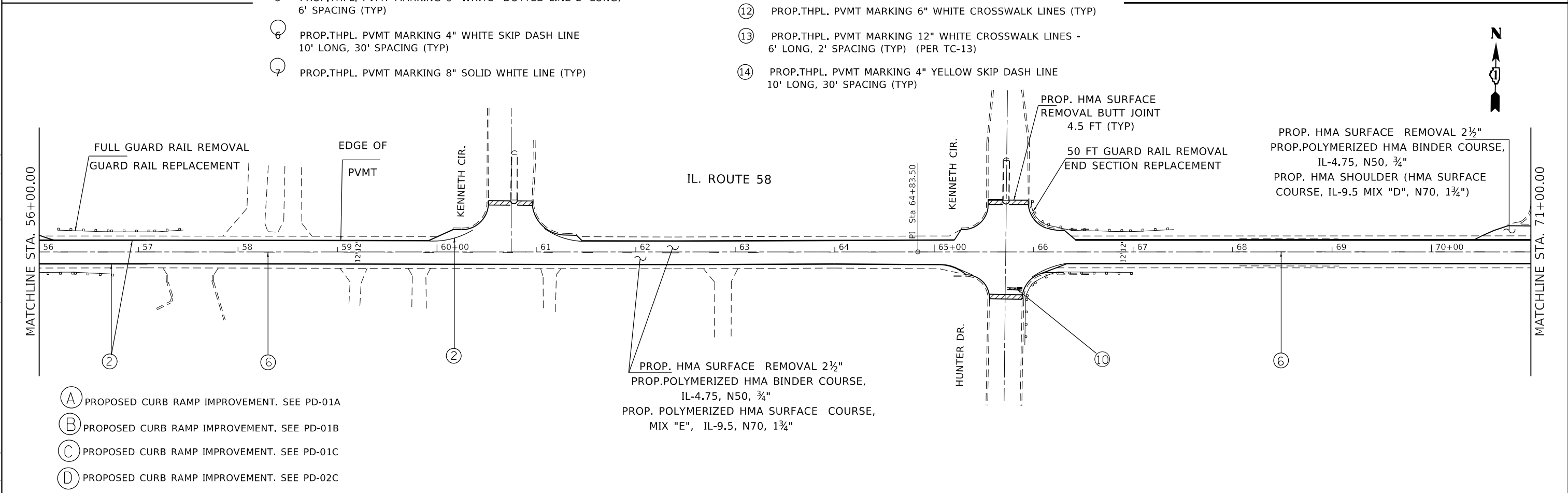
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	7
				CONTRACT NO. 62N63
		ILLINOIS	FED. AID PROJECT	



- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
- ③ PROP.THPL. PVMT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP)
- ④ PROP.THPL. PVMT MARKING 6" SOLID WHITE LINE (TYP)
- ⑤ PROP.THPL. PVMT MARKING 6" WHITE DOTTED LINE 2' LONG, 6' SPACING (TYP)
- ⑥ PROP.THPL. PVMT MARKING 4" WHITE SKIP DASH LINE 10' LONG, 30' SPACING (TYP)
- ⑦ PROP.THPL. PVMT MARKING 8" SOLID WHITE LINE (TYP)

- ⑧ PROP.THPL. PVMT MARKING 12" YELLOW DIAGONALS (TYP) (PER TC-13).
- ⑨ PROP.THPL. PVMT MARKING 12" WHITE DIAGONALS (TYP) (PER TC-13).
- ⑩ PROP.THPL. PVMT MARKING 24" SOLID WHITE STOP BAR (TYP)
- ⑪ PROP.THPL. PVMT MARKING WHITE LETTERS AND SYMBOLS (TYP)
- ⑫ PROP.THPL. PVMT MARKING 6" WHITE CROSSWALK LINES (TYP)
- ⑬ PROP.THPL. PVMT MARKING 12" WHITE CROSSWALK LINES - 6' LONG, 2' SPACING (TYP) (PER TC-13)
- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)



- (A) PROPOSED CURB RAMP IMPROVEMENT. SEE PD-01A
- (B) PROPOSED CURB RAMP IMPROVEMENT. SEE PD-01B
- (C) PROPOSED CURB RAMP IMPROVEMENT. SEE PD-01C
- (D) PROPOSED CURB RAMP IMPROVEMENT. SEE PD-02C

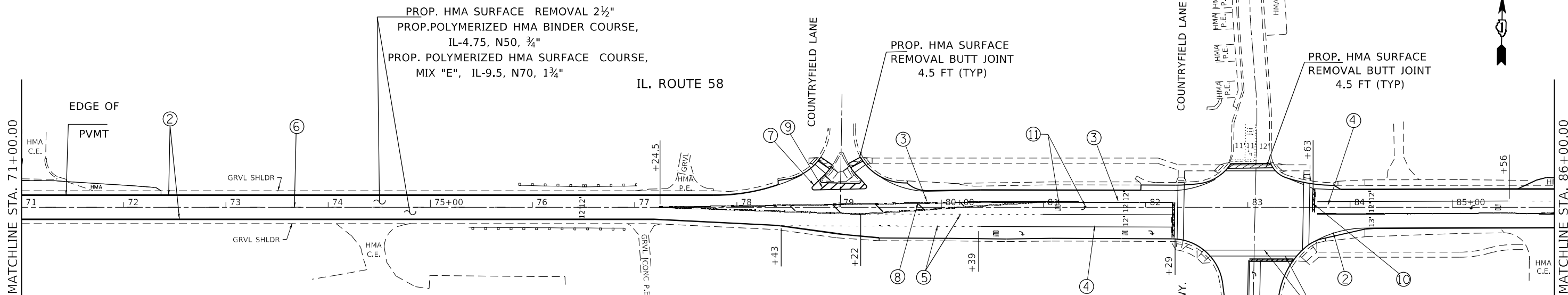
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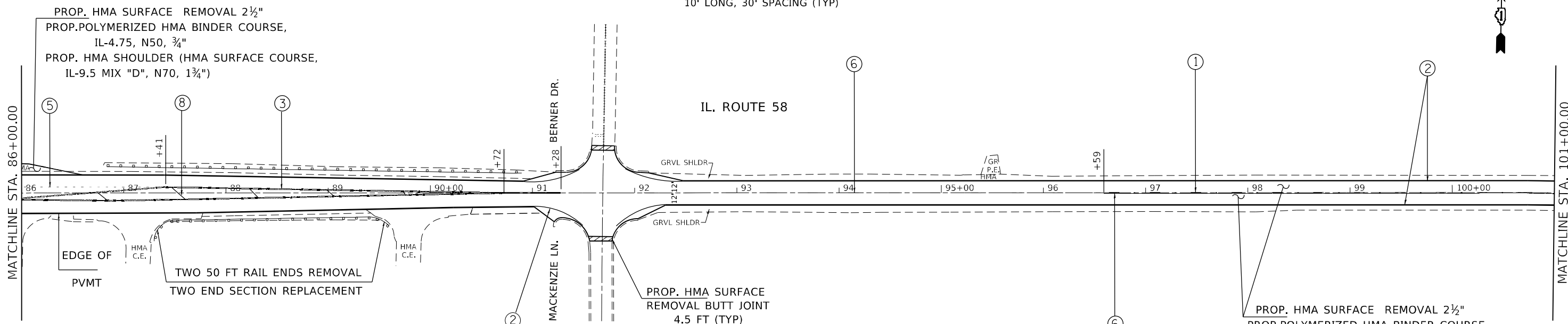
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN		
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)		
SCALE: 1"=50'	SHEET OF SHEETS	STA. TO STA.

F.A.U. RTE. 1320	SECTION 2021-013-R5&SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62N63	



- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
- ③ PROP.THPL. PVMT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP)
- ④ PROP.THPL. PVMT MARKING 6" SOLID WHITE LINE (TYP)
- ⑤ PROP.THPL. PVMT MARKING 6" WHITE DOTTED LINE 2' LONG, 6' SPACING (TYP)
- ⑥ PROP.THPL. PVMT MARKING 4" WHITE SKIP DASH LINE 10' LONG, 30' SPACING (TYP)
- ⑦ PROP.THPL. PVMT MARKING 8" SOLID WHITE LINE (TYP)
- ⑧ PROP.THPL. PVMT MARKING 12" YELLOW DIAGONALS (TYP) (PER TC-13).
- ⑨ PROP.THPL. PVMT MARKING 12" WHITE DIAGONALS (TYP) (PER TC-13).
- ⑩ PROP.THPL. PVMT MARKING 24" SOLID WHITE STOP BAR (TYP)
- ⑪ PROP.THPL. PVMT MARKING WHITE LETTERS AND SYMBOLS (TYP)
- ⑫ PROP.THPL. PVMT MARKING 6" WHITE CROSSWALK LINES (TYP)
- ⑬ PROP.THPL. PVMT MARKING 12" WHITE CROSSWALK LINES - 6' LONG, 2' SPACING (TYP) (PER TC-13)
- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)



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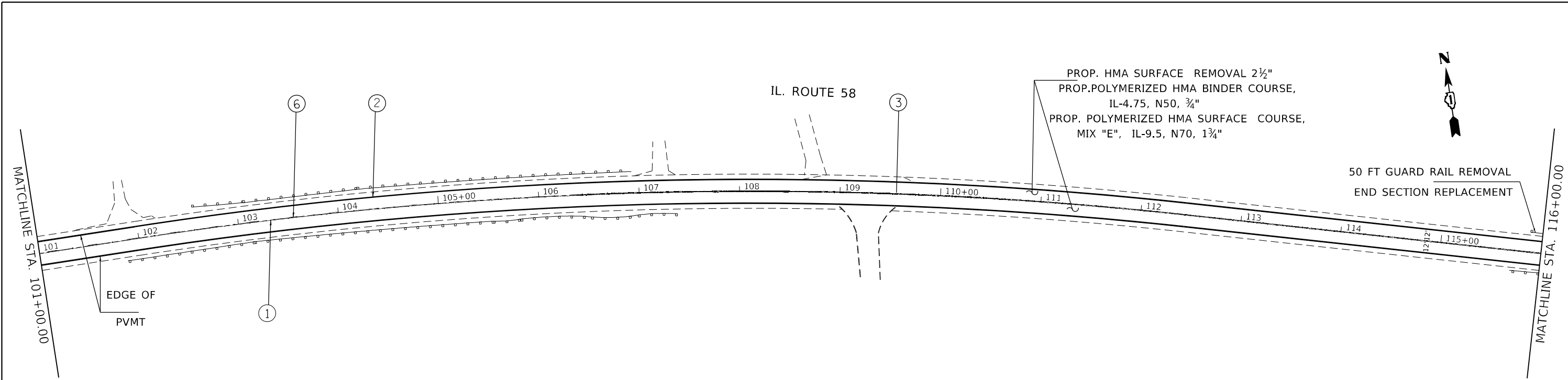
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)

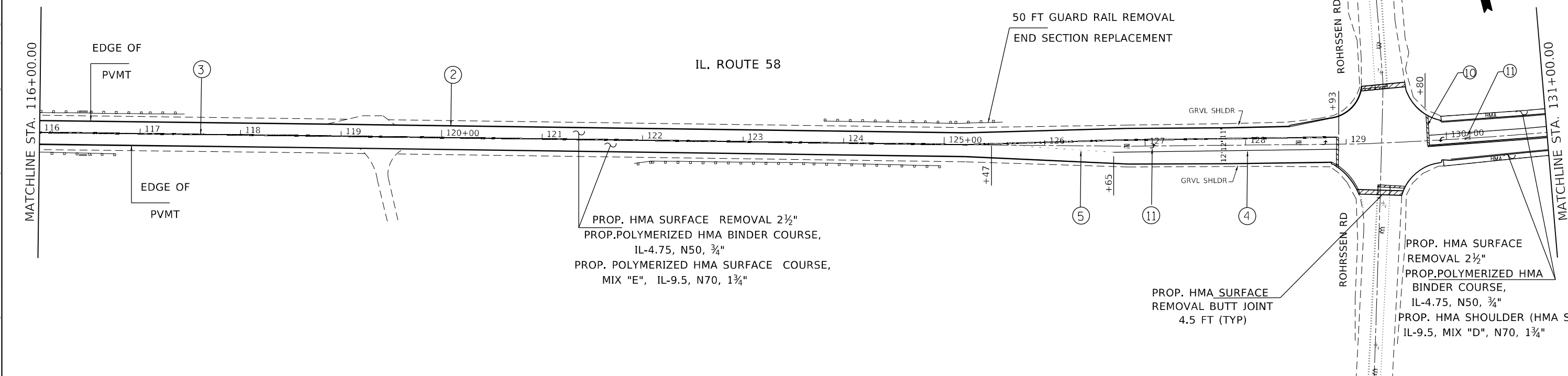
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62N63				
		ILLINOIS	FED. AID PROJECT	

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- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
- ③ PROP.THPL. PVMT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP)
- ④ PROP.THPL. PVMT MARKING 6" SOLID WHITE LINE (TYP)
- ⑤ PROP.THPL. PVMT MARKING 6" WHITE DOTTED LINE 2' LONG, 6' SPACING (TYP)
- ⑥ PROP.THPL. PVMT MARKING 4" WHITE SKIP DASH LINE 10' LONG, 30' SPACING (TYP)
- ⑦ PROP.THPL. PVMT MARKING 8" SOLID WHITE LINE (TYP)
- ⑧ PROP.THPL. PVMT MARKING 12" YELLOW DIAGONALS (TYP) (PER TC-13).
- ⑨ PROP.THPL. PVMT MARKING 12" WHITE DIAGONALS (TYP) (PER TC-13).
- ⑩ PROP.THPL. PVMT MARKING 24" SOLID WHITE STOP BAR (TYP)
- ⑪ PROP.THPL. PVMT MARKING WHITE LETTERS AND SYMBOLS (TYP)
- ⑫ PROP.THPL. PVMT MARKING 6" WHITE CROSSWALK LINES (TYP)
- ⑬ PROP.THPL. PVMT MARKING 12" WHITE CROSSWALK LINES - 6' LONG, 2' SPACING (TYP) (PER TC-13)
- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

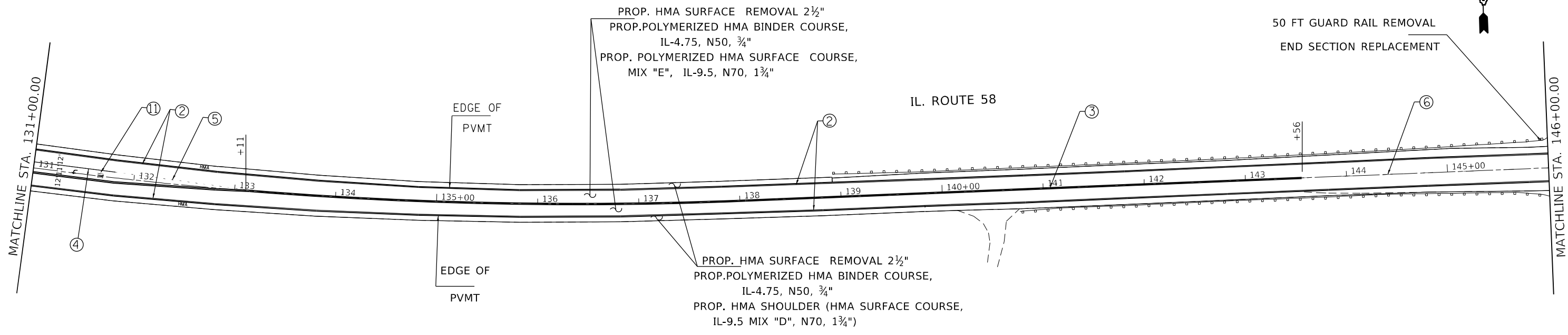
ROADWAY PLAN
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 131+00.00

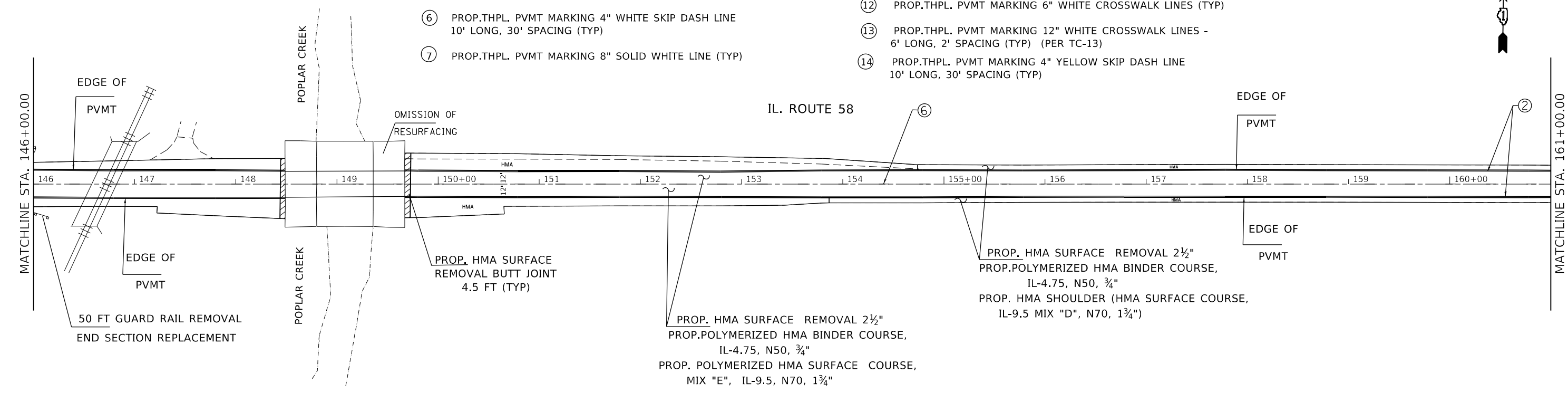
MATCHLINE STA. 146+00.00



- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
- ③ PROP.THPL. PVMT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP)
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- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)

MATCHLINE STA. 146+00.00

MATCHLINE STA. 161+00.00



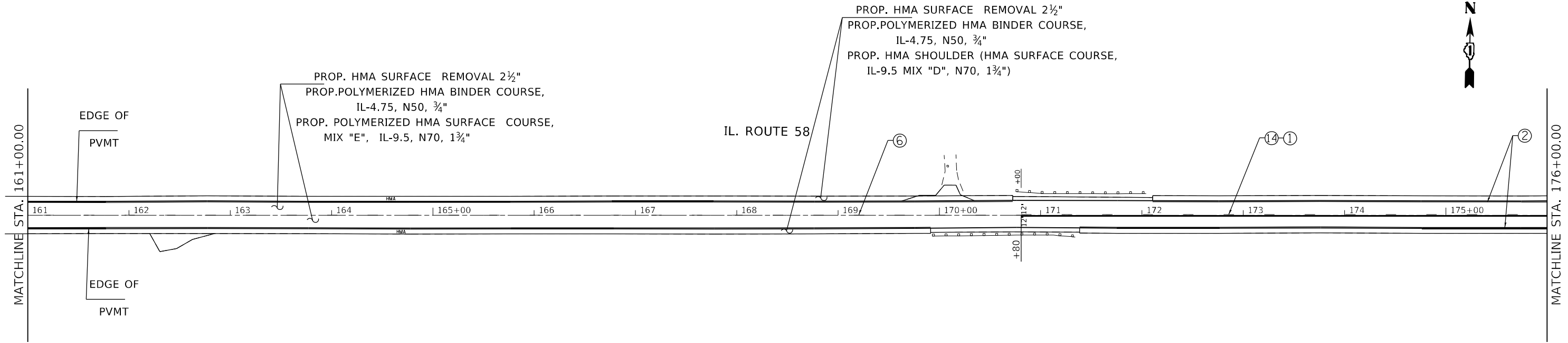
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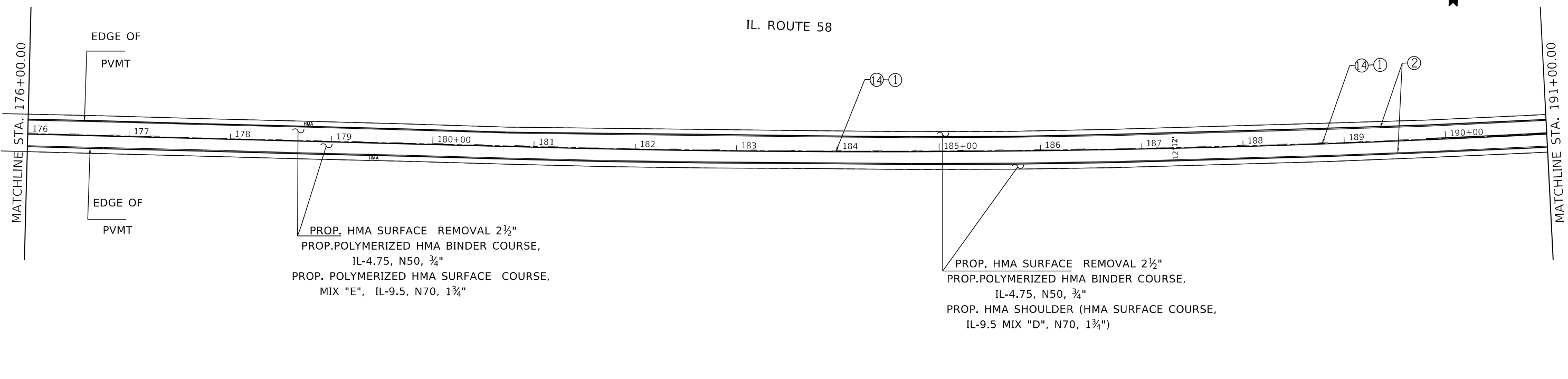
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN IL. ROUTE 58 (SUMMIT RD) (KANE CO. LINE TO IL. ROUTE 59)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	12
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				



- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
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- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)



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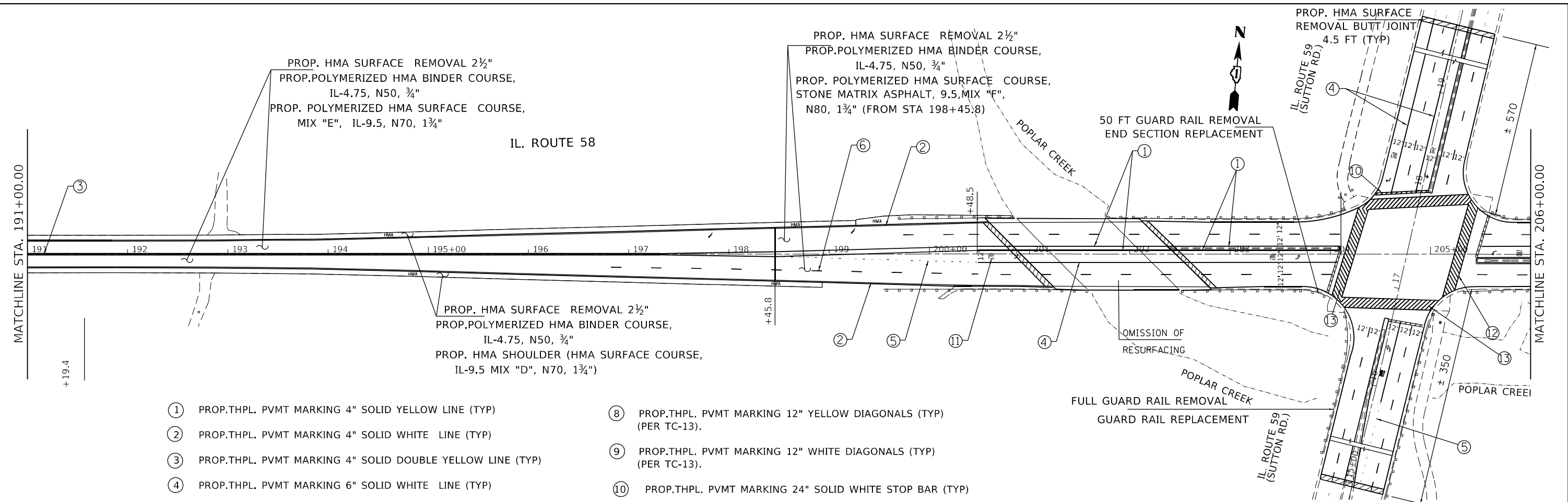
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

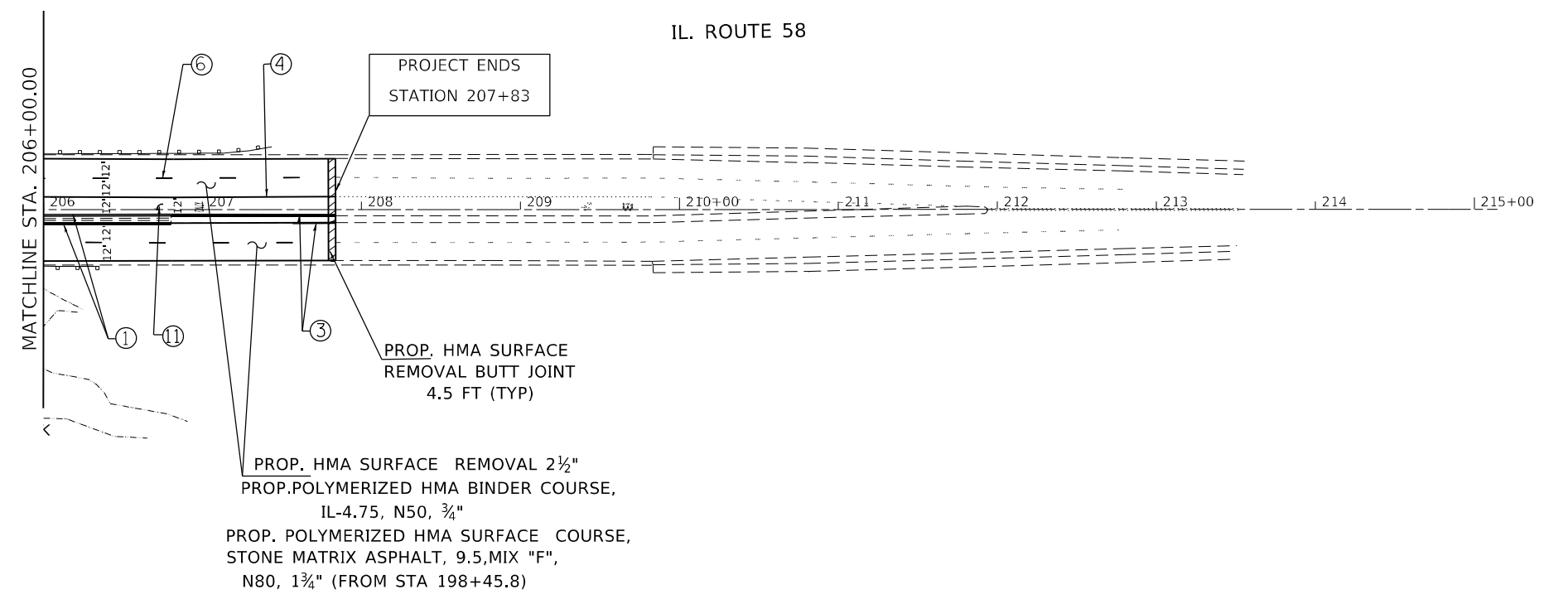
ROADWAY PLAN IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)			
SCALE: 1"=50'	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	13
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

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- ① PROP.THPL. PVMT MARKING 4" SOLID YELLOW LINE (TYP)
- ② PROP.THPL. PVMT MARKING 4" SOLID WHITE LINE (TYP)
- ③ PROP.THPL. PVMT MARKING 4" SOLID DOUBLE YELLOW LINE (TYP)
- ④ PROP.THPL. PVMT MARKING 6" SOLID WHITE LINE (TYP)
- ⑤ PROP.THPL. PVMT MARKING 6" WHITE DOTTED LINE 2' LONG, 6' SPACING (TYP)
- ⑥ PROP.THPL. PVMT MARKING 4" WHITE SKIP DASH LINE 10' LONG, 30' SPACING (TYP)
- ⑦ PROP.THPL. PVMT MARKING 8" SOLID WHITE LINE (TYP)
- ⑧ PROP.THPL. PVMT MARKING 12" YELLOW DIAGONALS (TYP) (PER TC-13).
- ⑨ PROP.THPL. PVMT MARKING 12" WHITE DIAGONALS (TYP) (PER TC-13).
- ⑩ PROP.THPL. PVMT MARKING 24" SOLID WHITE STOP BAR (TYP)
- ⑪ PROP.THPL. PVMT MARKING WHITE LETTERS AND SYMBOLS (TYP)
- ⑫ PROP.THPL. PVMT MARKING 6" WHITE CROSSWALK LINES (TYP)
- ⑬ PROP.THPL. PVMT MARKING 12" WHITE CROSSWALK LINES - 6' LONG, 2' SPACING (TYP) (PER TC-13)
- ⑭ PROP.THPL. PVMT MARKING 4" YELLOW SKIP DASH LINE 10' LONG, 30' SPACING (TYP)



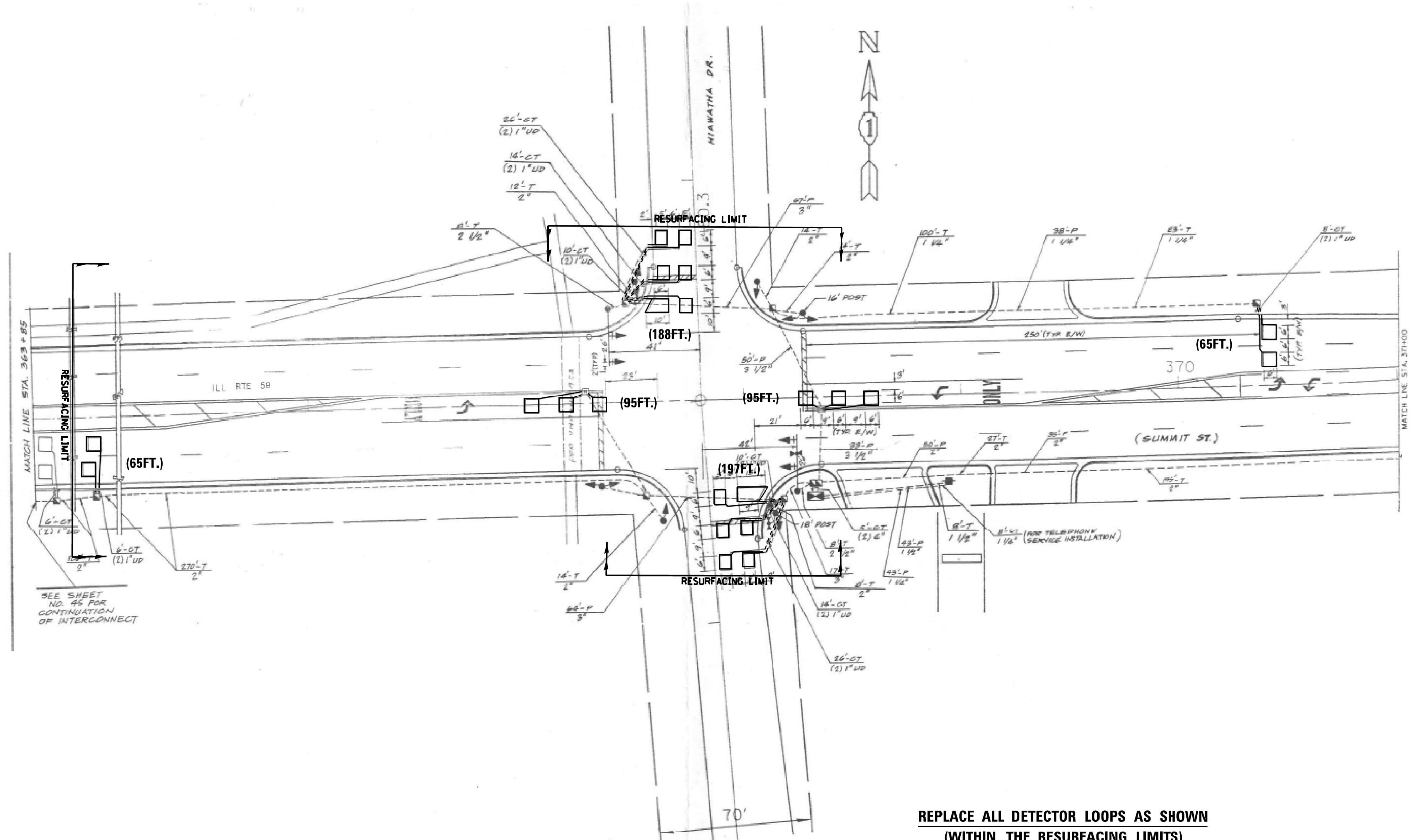
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PLOT DATE = 8/12/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
 IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	14
CONTRACT NO. 62N63				
ILLINOIS		FED. AID PROJECT		



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT	
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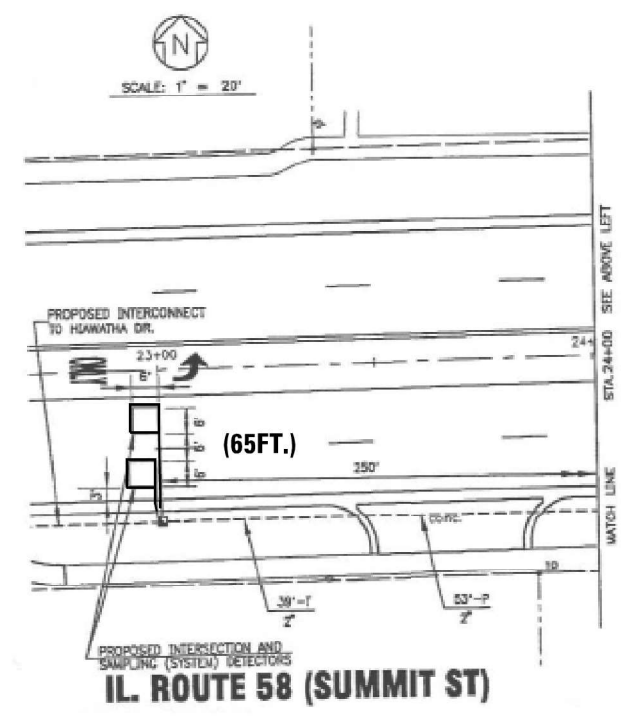
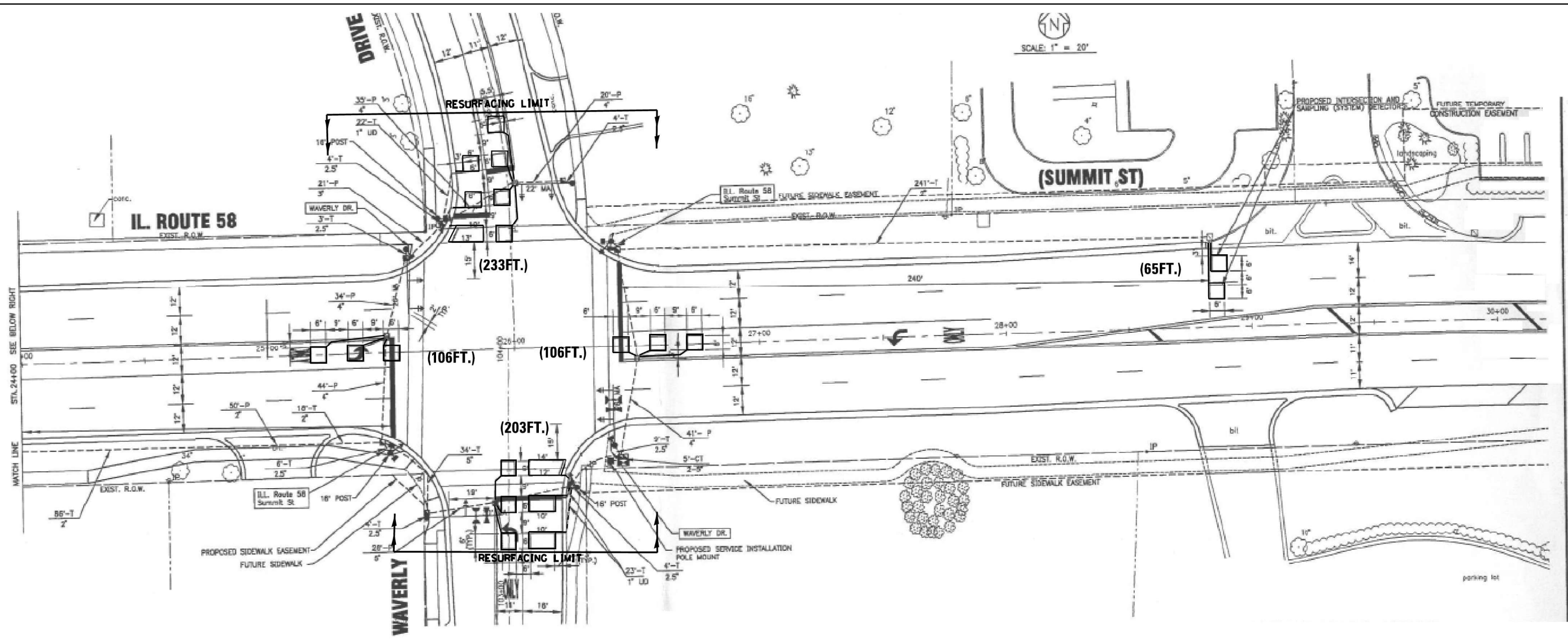
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PLOT DATE = 8/6/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN. IL 58 AT HIAWATHA DR
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R56SW	COOK	37	15
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

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**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

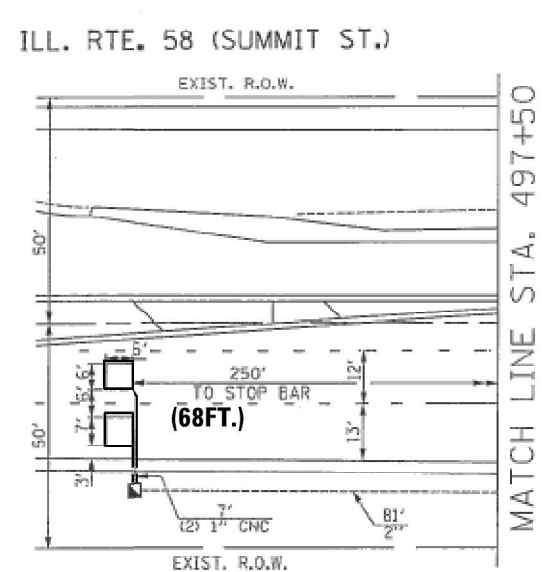
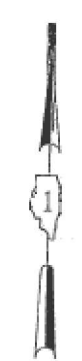
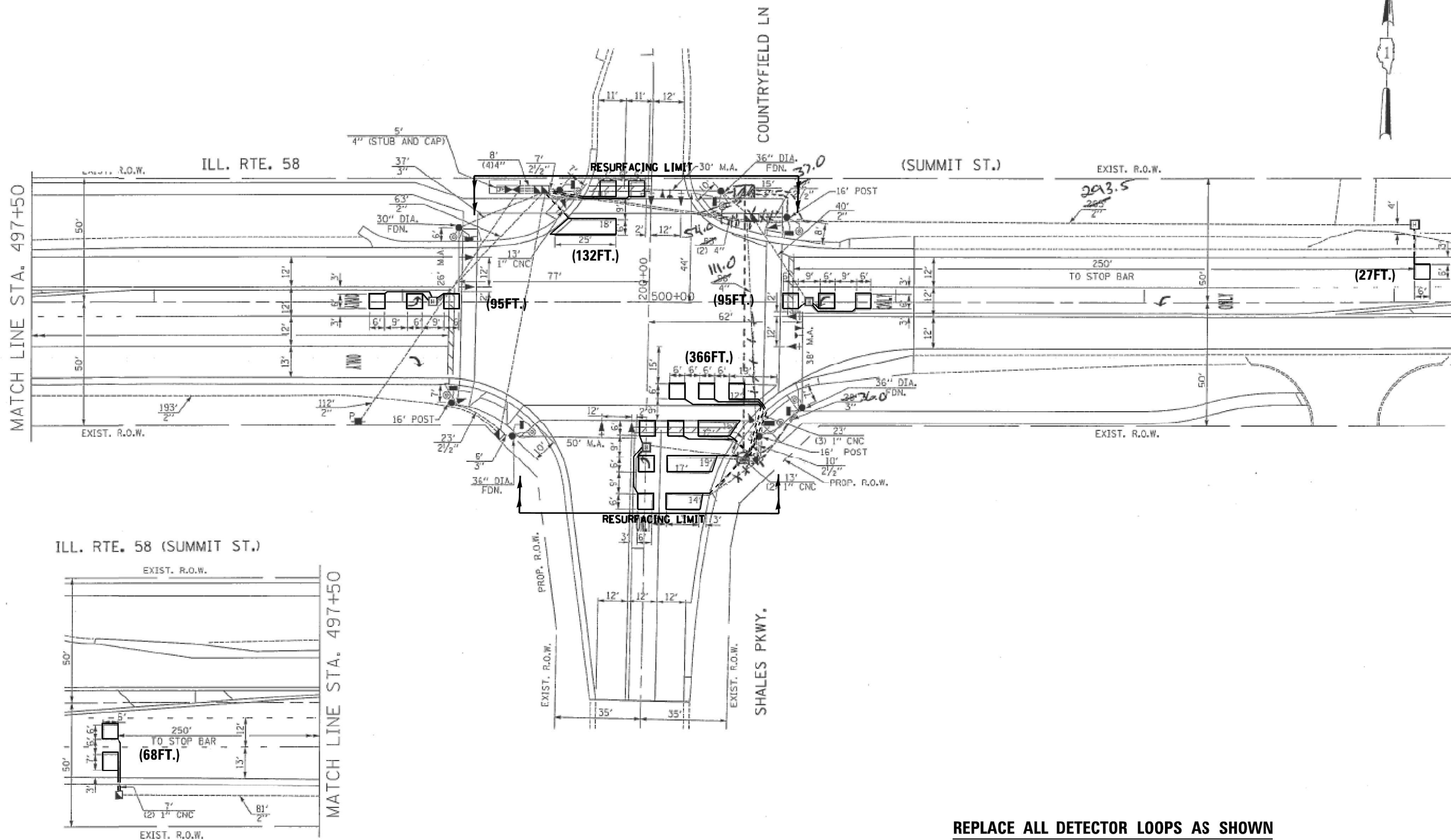
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88600600	DETECTOR LOOP REPLACEMENT	778	FOOT	TS#13286

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PLOT DATE = 8/6/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN. IL 58 AT WAVERLY DR.
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE. 1320	SECTION 2021-013-R56/SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 16
CONTRACT NO. 62N63				
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION. "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT	
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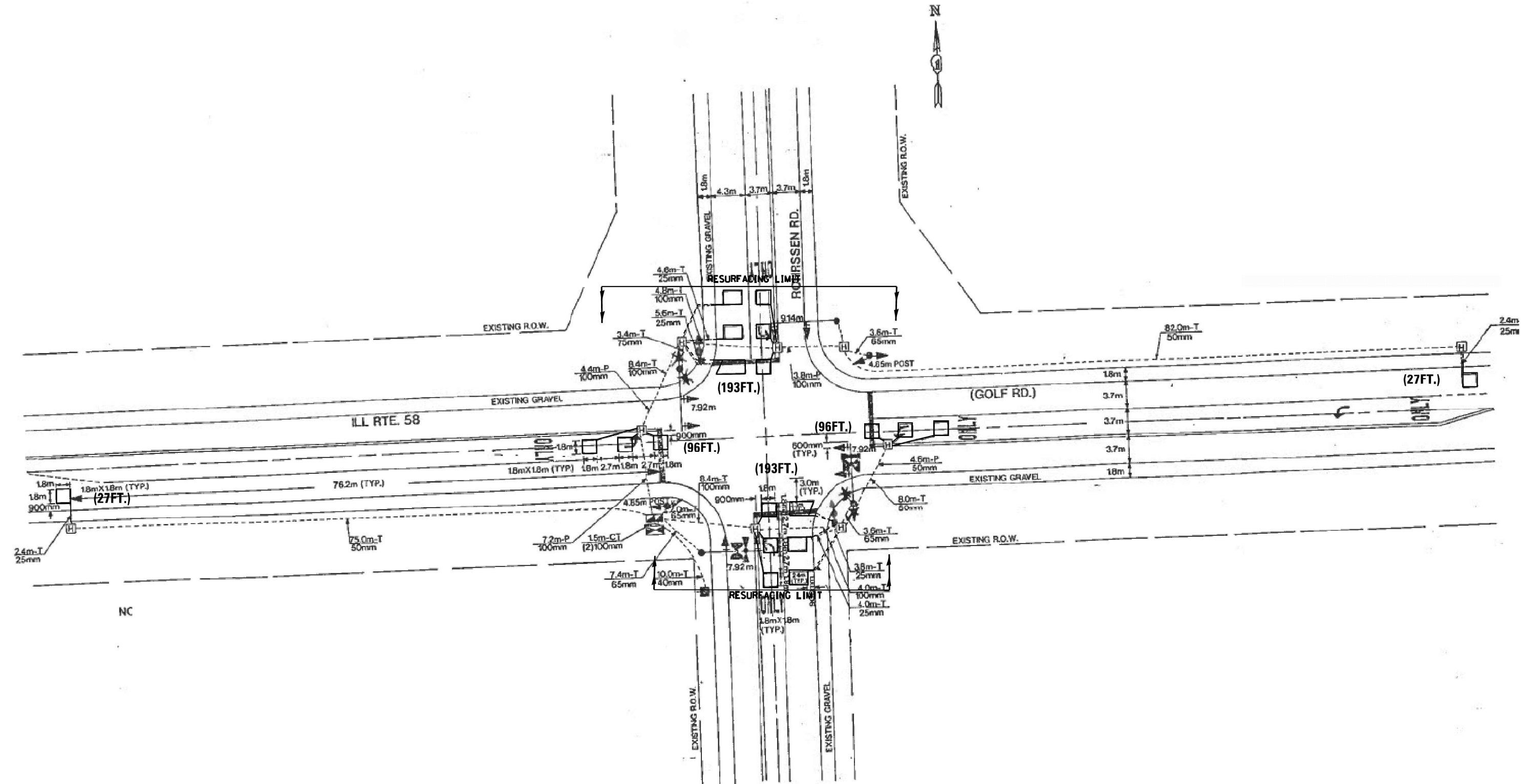
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PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN. IL 58 AT SHALES PKWY.
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE. 1320	SECTION 2021-013-R5&SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 17
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

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**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	632	FOOT

TS#22225

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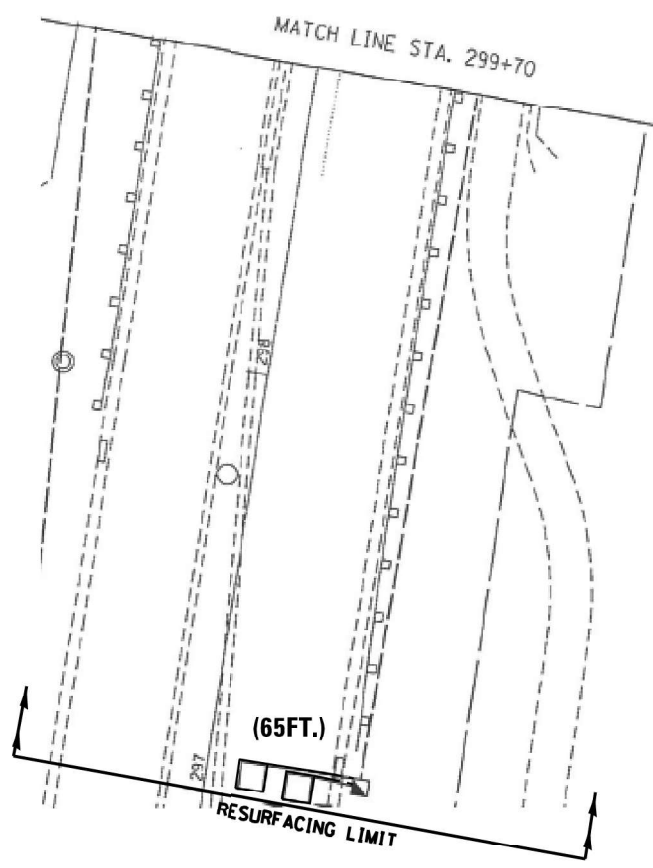
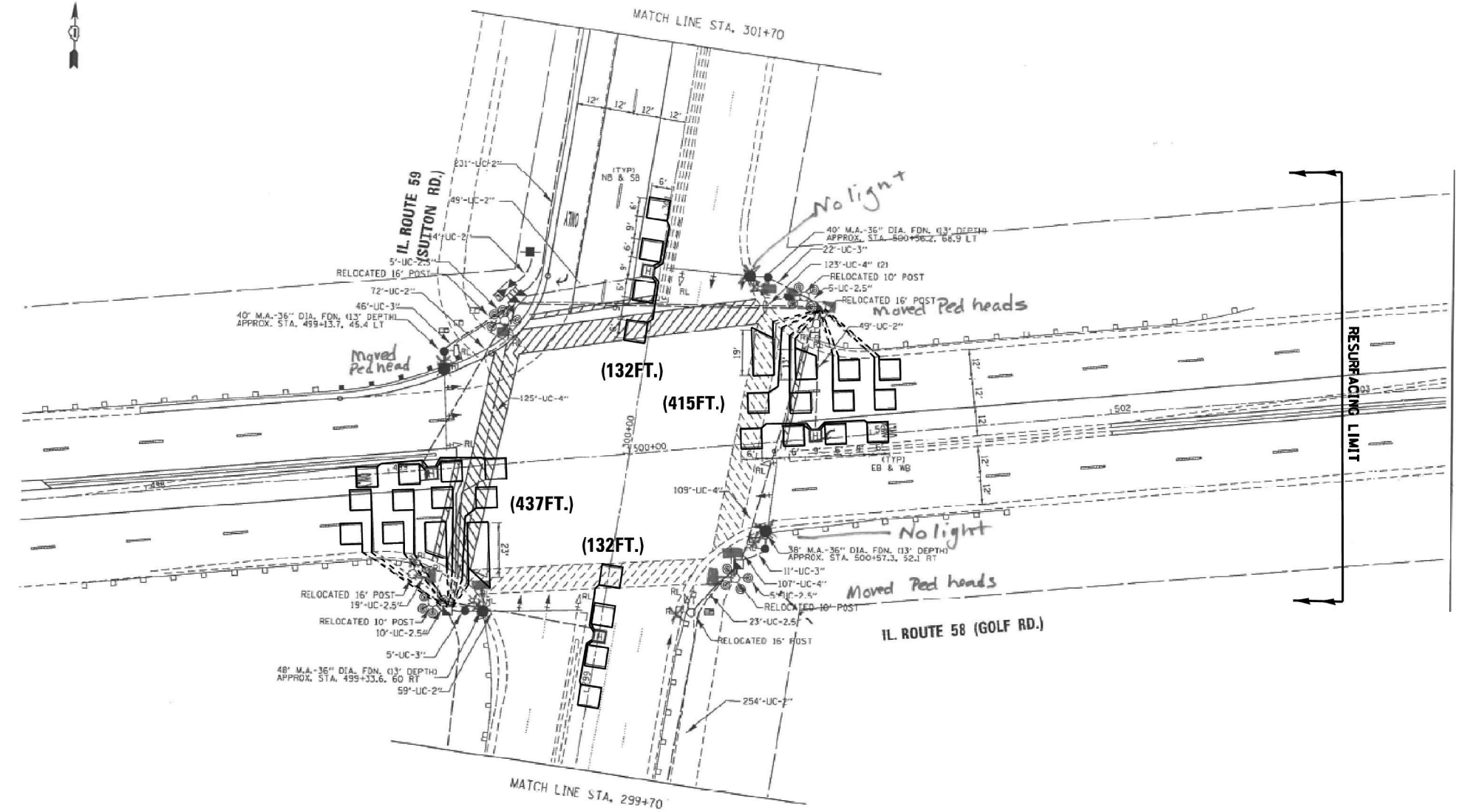
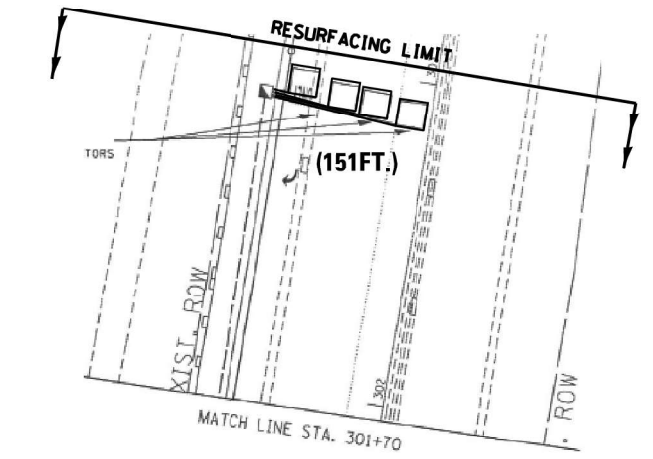
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN. IL 58 AT ROHRSEN RD.
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE. 1320	SECTION 2021-013-R56SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 18
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

CODE	ITEM	QUANTITY	UNIT	
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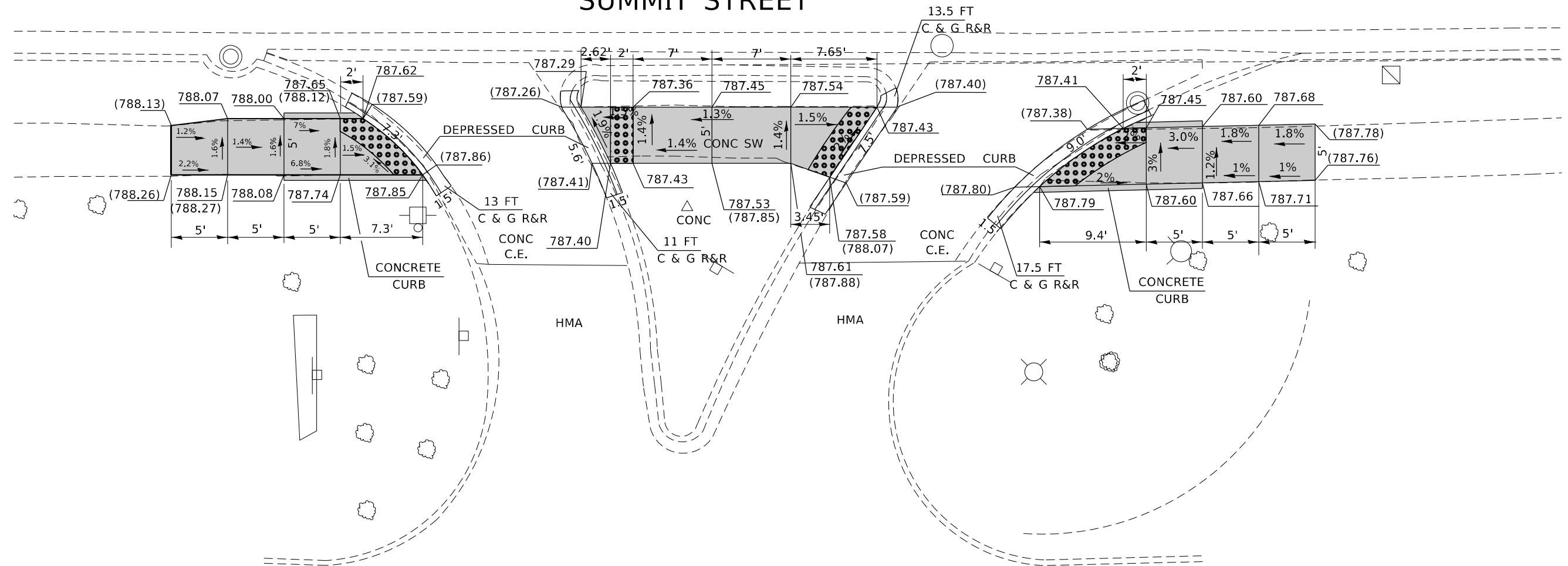
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN. IL 58 AT IL 59 (SUTTON RD.)
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

F.A.U. RTE. 1320	SECTION 2021-013-R56/SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 19
CONTRACT NO. 62N63				
SCALE: SHEET OF SHEETS STA. TO STA.				
ILLINOIS FED. AID PROJECT				



SUMMIT STREET



REFERENCE BENCHMARK ELEVATION 788.59

BENCHMARK: SE CORNER OF HIAWATHA DR AND SUMMIT ST.
SQUARE CUT IN NW CORNER OF TRAFFIC CONTROL BOX PAD

LOCATION: EAST OF HIAWATHA DR, SOUTH SIDE OF SUMMIT ST AT
WALGREENS ENTRANCE.

LEGEND

xx.xx'

EXISTING LENGTH



PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

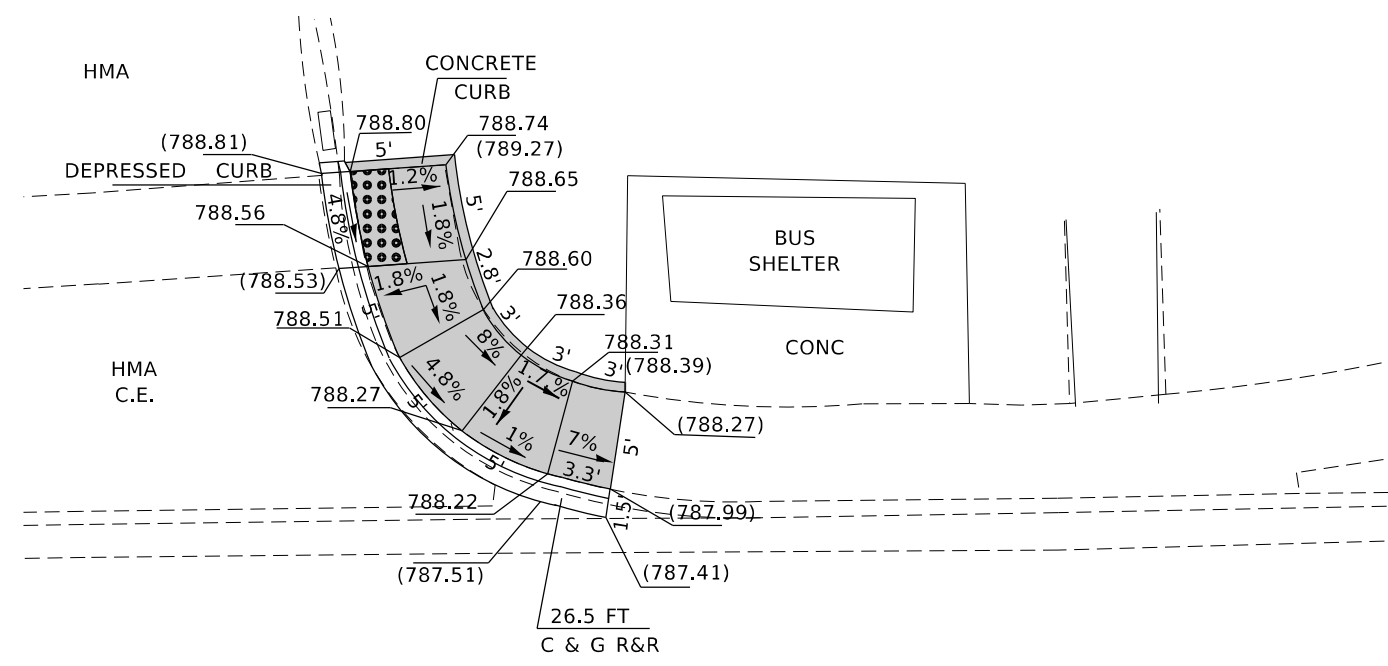
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)

SCALE: SHEET OF SHEETS STA. TO STA.

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PLOT DATE = 9/14/2021	DATE -	REVISED -

F.A.U. RTE. 1320	SECTION 2021-013-RS&SW	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 20
				CONTRACT NO. 62N63
ILLINOIS FED. AID PROJECT				



SUMMIT STREET

REFERENCE BENCHMARK ELEVATION 791.39

BENCHMARK: CUT SQUARE IN SOUTH FACE OF LIGHT POLE PIER APPROXIMATELY 250 FT WEST OF ENTRANCE TO PNC BANK ON NORTH SIDE OF SUMMIT ST

LOCATION: EAST OF HIAWATHA DR. NORTH SIDE OF SUMMIT STREET AT BUS SHELTER

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = gorengautab	DESIGNED -	REVISED -
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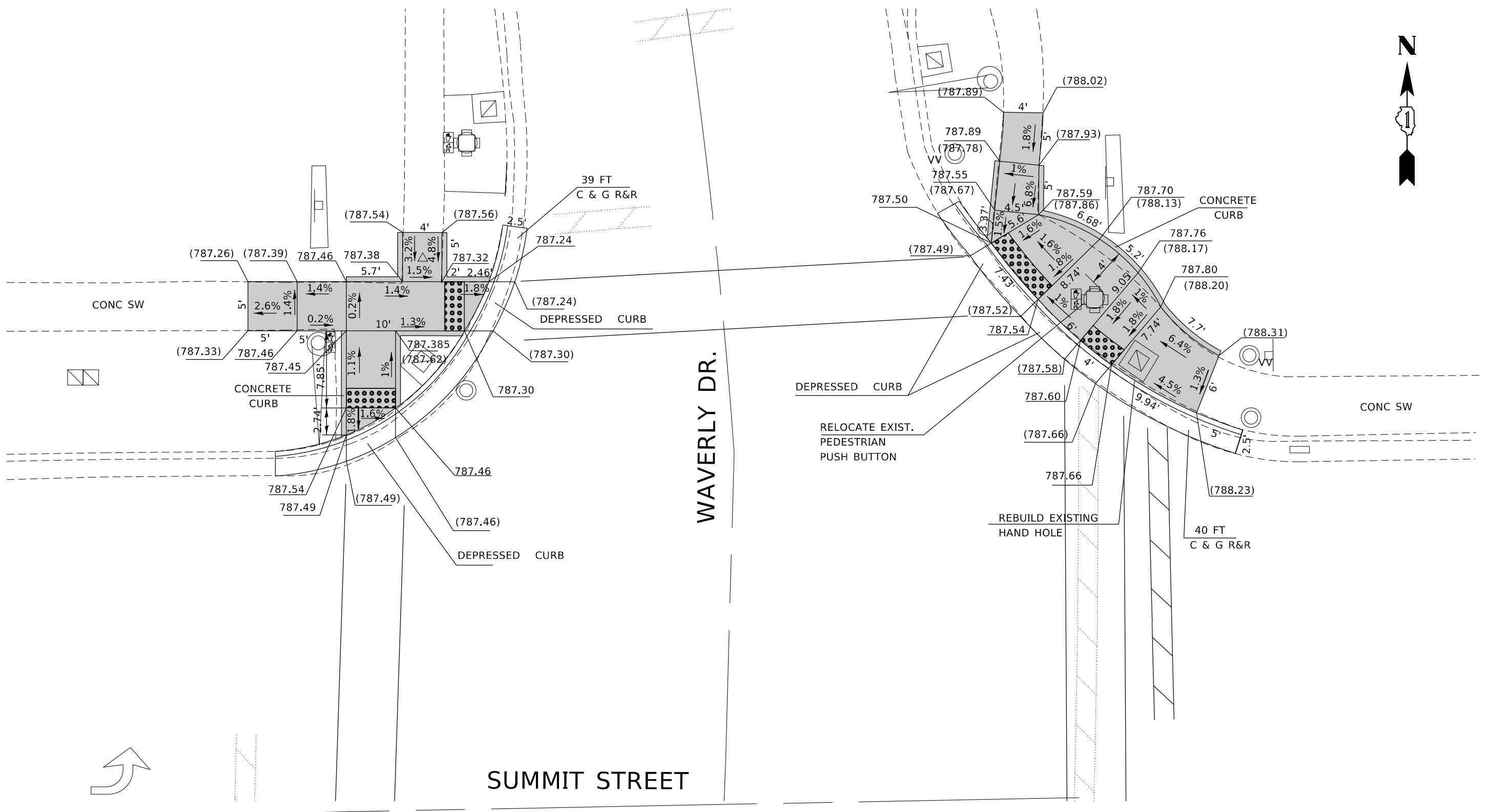
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	20 A
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

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REFERENCE BENCHMARK ELEVATION 788.19
 BENCHMARK: APPROXIMATELY 260 FT WEST OF CENTER LINE OF WAVERLY DR.
 SW BOLT ON HYDRANT, SOUTH SIDE OF SUMMIT STREET.
 LOCATION: NORTHWEST OF WAVERLY DRIVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEVATION 788.19
 BENCHMARK: APPROXIMATELY 260 FT WEST OF CENTER LINE OF WAVERLY DR.
 SW BOLT ON HYDRANT, SOUTH SIDE OF SUMMIT STREET.
 LOCATION: NORTHEAST OF WAVERLY DRIVE.

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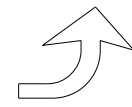
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PLOT DATE = 9/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)**

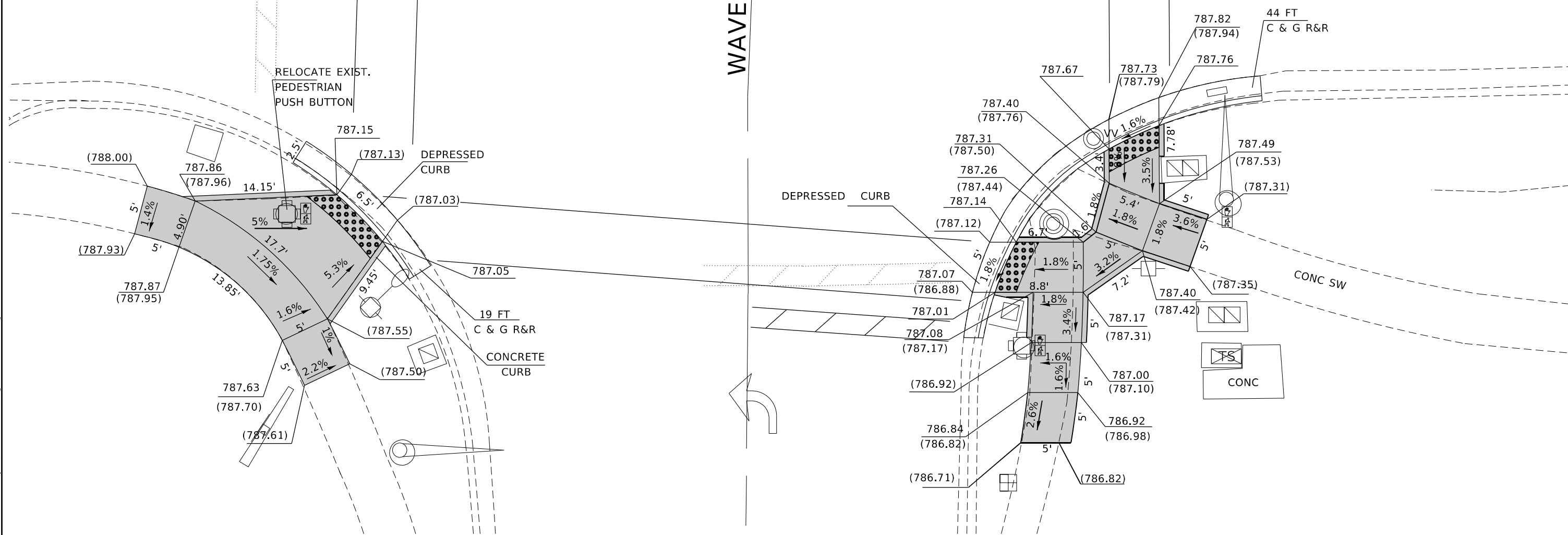
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	21
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				



SUMMIT STREET

WAVERLY DR.



REFERENCE BENCHMARK ELEVATION 788.19

BENCHMARK: APPROXIMATELY 260 FT WEST OF CENTER LINE OF WAVERLY DR. SW BOLT ON HYDRANT, SOUTH SIDE OF SUMMIT STREET.

LOCATION: SOUTHWEST OF WAVERLY DRIVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEVATION 788.19

BENCHMARK: APPROXIMATELY 260 FT WEST OF CENTER LINE OF WAVERLY DR. SW BOLT ON HYDRANT, SOUTH SIDE OF SUMMIT STREET.

LOCATION: SOUTHEAST OF WAVERLY DRIVE.

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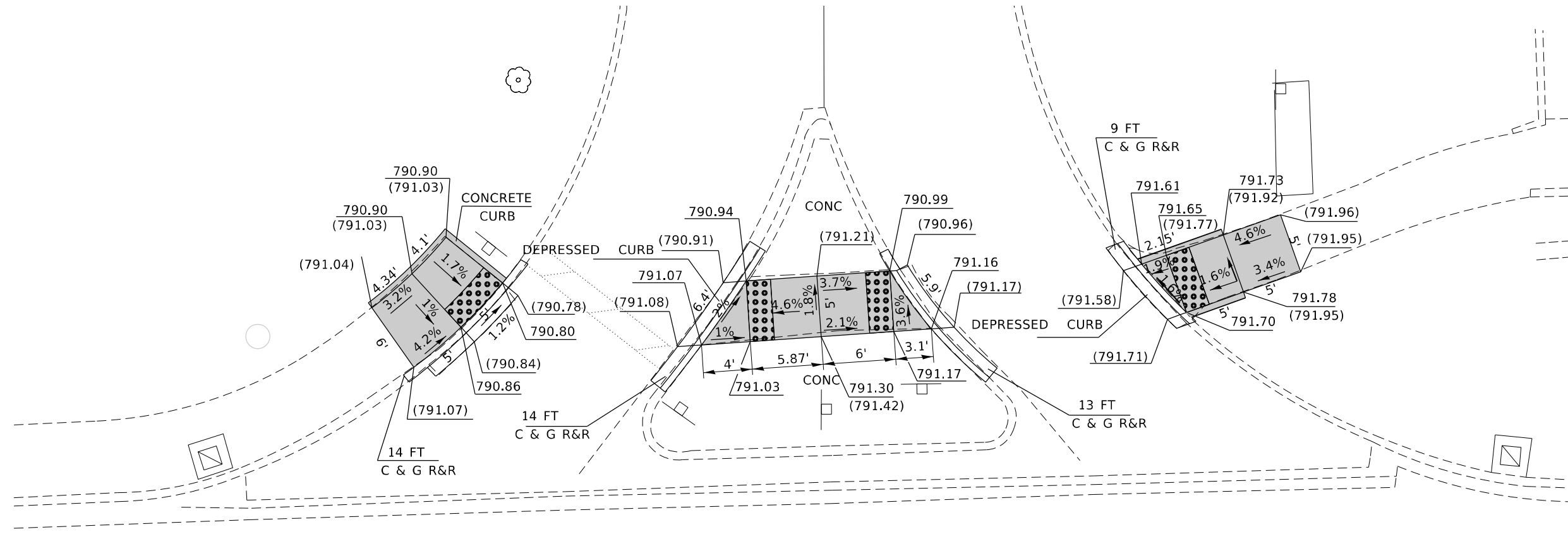
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PLOT DATE = 9/14/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL.ROUTE 59))

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	22
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				



SUMMIT STREET

REFERENCE BENCHMARK ELEVATION 791.40
 BENCHMARK: SQUARE CUT IN NE CORNER OF TRAFFIC SIGNAL HANDHOLE AT NW CORNER OF SUMMIT STREET AND ENTRANCE TO AMITA MEDICAL
 LOCATION: EAST OF WAVERLY DR AND NORTH OF SUMMIT ST AT JEWEL-OSCO SHOPPING CENTER.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEVATION
 BENCHMARK: SQUARE CUT IN NE CORNER OF TRAFFIC SIGNAL HANDHOLE AT NW CORNER OF SUMMIT STREET AND ENTRANCE TO AMITA MEDICAL
 LOCATION: EAST OF WAVERLY DR AND NORTH OF SUMMIT ST AT JEWEL-OSCO SHOPPING CENTER.

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PLOT DATE = 9/14/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN			
IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	23
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				

LANDSCAPING SCHEDULE

TREE REMOVAL (6 TO 15 UNITS DIAMETER)	
STATION	QUANTITY
AS DIRECTED	150 UNITS

TREE REMOVAL (OVER 15 UNITS DIAMETER)	
STATION	QUANTITY
50+15 RT OFFSET 25 FT	44.5 UNITS

TREE PRUNING (1 TO 10 INCH DIAMETER)		
STATION	QUANTITY	SPECIES
23+50 LT OFFSET 35 FT	1 EA	HONEY LOCUST
24+10 LT OFFSET 35 FT	1 EA	HONEY LOCUST
24+80 LT OFFSET 35 FT	1 EA	HONEY LOCUST
58+55 LT OFFSET 35 FT	1 EA	HONEY LOCUST
31+20 LT OFFSET 35 FT	1 EA	HONEY LOCUST
32+00 LT OFFSET 35 FT	1 EA	HONEY LOCUST
32+75 LT OFFSET 35 FT	1 EA	HONEY LOCUST
34+15 LT OFFSET 35 FT	1 EA	HONEY LOCUST
35+20 LT OFFSET 35 FT	1 EA	HONEY LOCUST
36+15 LT OFFSET 35 FT	1 EA	HONEY LOCUST
TOTAL	10 EACH	

TREE PRUNING (OVER 10 INCH DIAMETER)		
STATION	QUANTITY	SPECIES
34+55 RT OFFSET 45 FT	1 EA	SIBERIAN ELM
61+20 LT OFFSET 45 FT	1 EA	SILVER MAPLE
108+20 LT OFFSET 30 FT	2 EA	BURR OAK
109+00 LT OFFSET 30 FT	1 EA	BURR OAK
AS DIRECTED	5 EA	
TOTAL	10 EACH	

SELECTIVE CLEARING	
STATION	QUANTITY
AS DIRECTED	10 UNITS

TREE REMOVAL, ACRES (SPECIAL)		
STATION	QUANTITY	DIMENSIONS
67+40 to 68+90 RT OFFSET 40 FT TO ROW	1,500 SQ. FT.	150 FT X 10 FT
69+25 TO 71+80 RT OFFSET 35 FT TO ROW	3,825 SQ. FT.	255 FT X 15 FT
78+05 TO 78+25 RT OFFSET 30 FT TO 45 FT	300 SQ. FT.	20 FT X 15 FT
85+00 TO 86+70 LT OFFSET 40 FT TO ROW	700 SQ. FT.	70 FT X 10 FT
86+70 TO 91+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+80 TO 107+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+90 TO 104+40 RT OFFSET BEHIND GUARDRAIL TO 35 FT	1,500 SQ. FT.	150 FT X 10 FT

104+40 TO 108+75 RT OFFSET BEHIND GUARDRAIL TO ROW	10,875 SQ. FT.	435 FT X 25 FT
108+90 TO 119+15 LT OFFSET 35 FT TO ROW	15,375 SQ. FT.	1025 FT X 15 FT
112+20 TO 117+40 RT OFFSETS (VARIES)	9,360 SQ. FT.	520 FT X 18 FT
119+15 TO 121+80 LT OFFSET 40 FT TO ROW	2,650 SQ. FT.	265 FT X 10 FT
121+80 TO 126+30 LT OFFSET 30 FT TO ROW	9,000 SQ. FT.	450 FT X 20 FT
122+20 TO 122+30 RT OFFSET BEHIND GUARDRAIL + 10 FT	100 SQ. FT.	10 FT X 10 FT
122+80 TO 123+50 RT OFFSET BEHIND GUARDRAIL + 10 FT	700 SQ. FT.	70 FT X 10 FT
124+40 TO 124+80 RT OFFSET BEHIND GUARDRAIL + 10 FT	400 SQ. FT.	40 FT X 10 FT
130+20 TO 131+10 RT OFFSET 40 FT TO ROW	900 SQ. FT.	90 FT X 10 FT
131+10 TO 137+20 RT OFFSET 30 FT TO ROW	12,200 SQ. FT.	610 FT X 20 FT
138+95 TO 141+15 LT OFFSET BEHIND GUARDRAIL + 15 FT	3,300 SQ. FT.	220 FT X 15 FT
141+50 TO 145+40 RT OFFSET BEHIND GUARDRAIL + 12 FT	4,680 SQ. FT.	390 FT X 12 FT
142+10 TO 145+45 LT OFFSET BEHIND GUARDRAIL + 15 FT	5,025 SQ. FT.	375 FT X 15 FT
145+90 TO 146+00 LT BEHIND GUARDRAIL + 10 FT	100 SQ. FT.	10 FT X 10 FT
151+40 TO 154+20 LT OFFSET 35 FT TO ROW	4,200 SQ. FT.	280 FT X 15 FT
154+20 TO 155+80 LT OFFSET 30 FT TO ROW	3,000 SQ. FT.	150 FT X 20 FT
159+10 TO 162+00 RT OFFSET 35 FT TO 45 FT	2,900 SQ. FT.	290 FT X 10 FT
168+05 TO 171+30 LT OFFSET 40 FT TO ROW	3,250 SQ. FT.	325 FT X 10 FT
172+10 TO 184+10 LT OFFSET 35 FT TO ROW	18,000 SQ. FT.	1,200 FT X 15 FT
184+10 TO 194+30 LT OFFSET 25 FT TO ROW	25,500 SQ. FT.	1,020 FT X 25 FT
185+10 TO 191+60 RT OFFSET 35 FT TO ROW	9,750 SQ. FT.	650 FT X 15 FT
194+30 TO 195+65 OFFSET 38 FT TO ROW	1,620 SQ. FT.	135 FT X 12 FT
TOTAL SQ. FT.	177,210	/ 43560 SQ. FT (ACRE) = 4.068. ACRE
TOTAL	4.1	

MOWING	
STATION	QUANTITY
150+00 TO 199+00 RT AND LT	220,00 SQ. FT
TOTAL	5.05 ACRE

WEED CONTROL, NATIVE LANDSCAPE REMEDIATION		
STATION	QUANTITY	
67+40 to 68+90 RT OFFSET 40 FT TO ROW	1,500 SQ. FT.	150 FT X 10 FT
69+25 TO 71+80 RT OFFSET 35 FT TO ROW	3,825 SQ. FT.	255 FT X 15 FT
78+05 TO 78+25 RT OFFSET 30 FT TO 45 FT	300 SQ. FT.	20 FT X 15 FT
85+00 TO 86+70 LT OFFSET 40 FT TO ROW	700 SQ. FT.	70 FT X 10 FT
86+70 TO 91+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+80 TO 107+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+90 TO 104+40 RT OFFSET BEHIND GUARDRAIL TO 35 FT	1,500 SQ. FT.	150 FT X 10 FT
104+40 TO 108+75 RT OFFSET BEHIND GUARDRAIL TO ROW	10,875 SQ. FT.	435 FT X 25 FT
108+90 TO 119+15 LT OFFSET 35 FT TO ROW	15,375 SQ. FT.	1025 FT X 15 FT
112+20 TO 117+40 RT OFFSETS (VARIES)	9,360 SQ. FT.	520 FT X 18 FT
119+15 TO 121+80 LT OFFSET 40 FT TO ROW	2,650 SQ. FT.	265 FT X 10 FT
121+80 TO 126+30 LT OFFSET 30 FT TO ROW	9,000 SQ. FT.	450 FT X 20 FT
130+20 TO 131+10 RT OFFSET 40 FT TO ROW	900 SQ. FT.	90 FT X 10 FT
131+10 TO 137+20 RT OFFSET 30 FT TO ROW	12,200 SQ. FT.	610 FT X 20 FT
138+95 TO 141+15 LT OFFSET BEHIND GUARDRAIL + 15 FT	3,300 SQ. FT.	220 FT X 15 FT
141+50 TO 145+40 RT OFFSET BEHIND GUARDRAIL + 12 FT	4,680 SQ. FT.	390 FT X 12 FT
142+10 TO 145+45 LT OFFSET BEHIND GUARDRAIL + 15 FT	5,025 SQ. FT.	375 FT X 15 FT
145+90 TO 146+00 LT BEHIND GUARDRAIL + 10 FT	100 SQ. FT.	10 FT X 10 FT
151+40 TO 154+20 LT OFFSET 35 FT TO ROW	4,200 SQ. FT.	280 FT X 15 FT
154+20 TO 155+80 LT OFFSET 30 FT TO ROW	3,000 SQ. FT.	150 FT X 20 FT
159+10 TO 162+00 RT OFFSET 35 FT TO 45 FT	2,900 SQ. FT.	290 FT X 10 FT
168+05 TO 171+30 LT OFFSET 40 FT TO ROW	3,250 SQ. FT.	325 FT X 10 FT
172+10 TO 184+10 LT OFFSET 35 FT TO ROW	18,000 SQ. FT.	1,200 FT X 15 FT

184+10 TO 194+30 LT OFFSET 25 FT TO ROW	25,500 SQ. FT.	1,020 FT X 25 FT
185+10 TO 191+60 RT OFFSET 35 FT TO ROW	9,750 SQ. FT.	650 FT X 15 FT
194+30 TO 195+65 OFFSET 38 FT TO ROW	1,620 SQ. FT.	135 FT X 12 FT
TOTAL SQ. FT.	178,410 SQ. FT.	/ 43560 SQ. FT (ACRE) = 4.095 ACRE
AS DIRECTED	0.5 ACRE	
TOTAL	4.6 ACRE	

WEED CONTROL, BASAL TREATMENT	
STATION	QUANTITY
AS DIRECTED	5 GALLON

SEEDING, CLASS 2A		
STATION	QUANTITY	
67+40 to 68+90 RT OFFSET 40 FT TO ROW	1,500 SQ. FT.	150 FT X 10 FT
69+25 TO 71+80 RT OFFSET 35 FT TO ROW	3,825 SQ. FT.	255 FT X 15 FT
78+05 TO 78+25 RT OFFSET 30 FT TO 45 FT	300 SQ. FT.	20 FT X 15 FT
85+00 TO 86+70 LT OFFSET 40 FT TO ROW	700 SQ. FT.	70 FT X 10 FT
86+70 TO 91+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+80 TO 107+10 LT OFFSET BEHIND GUARDRAIL TO ROW	10,750 SQ. FT.	430 FT X 25 FT
102+90 TO 104+40 RT OFFSET BEHIND GUARDRAIL TO 35 FT	1,500 SQ. FT.	150 FT X 10 FT
104+40 TO 108+75 RT OFFSET BEHIND GUARDRAIL TO ROW	10,875 SQ. FT.	435 FT X 25 FT
122+20 TO 122+30 RT OFFSET BEHIND GUARDRAIL + 10 FT	100 SQ. FT.	10 FT X 10 FT
122+80 TO 123+50 RT OFFSET BEHIND GUARDRAIL + 10 FT	700 SQ. FT.	70 FT X 10 FT
124+40 TO 124+80 RT OFFSET BEHIND GUARDRAIL + 10 FT	400 SQ. FT.	40 FT X 10 FT
138+95 TO 141+15 LT OFFSET BEHIND GUARDRAIL + 15 FT	3,300 SQ. FT.	220 FT X 15 FT
141+50 TO 145+40 RT OFFSET BEHIND GUARDRAIL + 12 FT	4,680 SQ. FT.	390 FT X 12 FT
142+10 TO 145+45 LT OFFSET BEHIND GUARDRAIL + 15 FT	5,025 SQ. FT.	375 FT X 15 FT
145+90 TO 146+00 LT BEHIND GUARDRAIL + 10 FT	100 SQ. FT.	10 FT X 10 FT
TOTAL SQ. FT.	54,505 SQ. FT.	/43560 SQ. FT. (ACRE) = 1.251 ACRE
TOTAL	1.3 ACRE	

SEEDING, CLASS 1B		
STATION	QUANTITY	
108+90 TO 119+15 LT OFFSET 35 FT TO ROW	15,375 SQ. FT.	1025 FT X 15 FT
112+20 TO 117+40 RT OFFSETS (VARIES)	9,360 SQ. FT.	520 FT X 18 FT
119+15 TO 121+80 LT OFFSET 40 FT TO ROW	2,650 SQ. FT.	265 FT X 10 FT
121+80 TO 126+30 LT OFFSET 30 FT TO ROW	9,000 SQ. FT.	450 FT X 20 FT
130+20 TO 131+10 RT OFFSET 40 FT TO ROW	900 SQ. FT.	90 FT X 10 FT
131+10 TO 137+20 RT OFFSET 30 FT TO ROW	12,200 SQ. FT.	610 FT X 20 FT
151+40 TO 154+20 LT OFFSET 35 FT TO ROW	4,200 SQ. FT.	280 FT X 15 FT
154+20 TO 155+80 LT OFFSET 30 FT TO ROW	3,000 SQ. FT.	150 FT X 20 FT
159+10 TO 162+00 RT OFFSET 35 FT TO 45 FT	2,900 SQ. FT.	290 FT X 10 FT
168+05 TO 171+30 LT OFFSET 40 FT TO ROW	3,250 SQ. FT.	325 FT X 10 FT
172+10 TO 184+10 LT OFFSET 35 FT TO ROW	18,000 SQ. FT.	1,200 FT X 15 FT
184+10 TO 194+30 LT OFFSET 25 FT TO ROW	25,500 SQ. FT.	1,020 FT X 25 FT
185+10 TO 191+60 RT OFFSET 35 FT TO ROW	9,750 SQ. FT.	650 FT X 15 FT
194+30 TO 195+65 OFFSET 38 FT TO ROW	1,620 SQ. FT.	135 FT X 12 FT
TOTAL SQ. FT.	117,705 SQ. FT.	/43560 SQ. FT. (ACRE) = 2.702
TOTAL	2.7 ACRE	

MULCH METHOD 3	
AREAS OF SEEDING, CLASS 1B AND 2A	QUANTITY
	5.0 ACRE

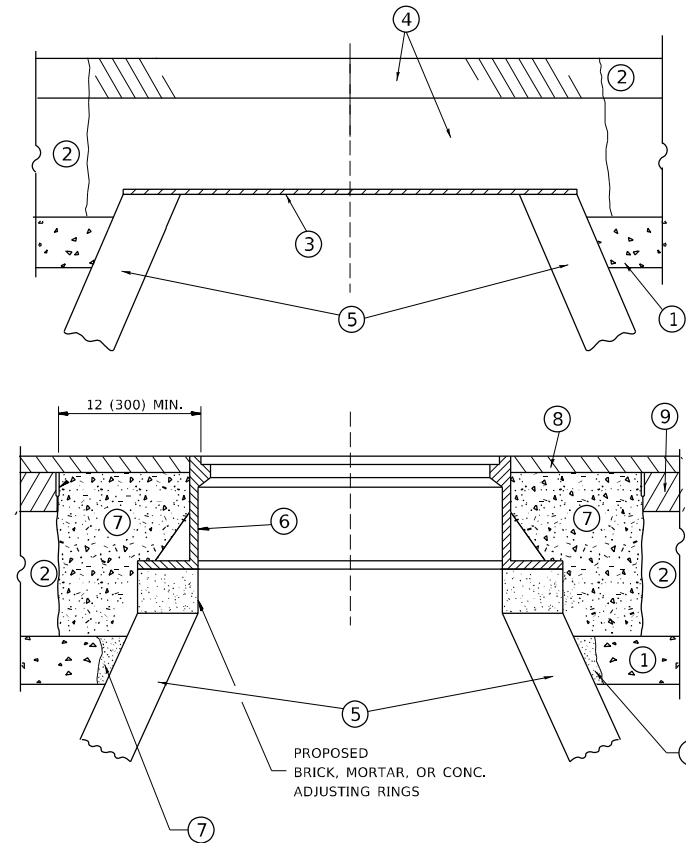
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PLOT DATE = 8/16/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING SCHEDULE. IL 58 AT IL 59 (SUTTON RD.) IL. ROUTE 58 (SUMMIT ST) (KANE CO. LINE TO IL. ROUTE 59)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	23A
CONTRACT NO. 62N63				
ILLINOIS FED. AID PROJECT				



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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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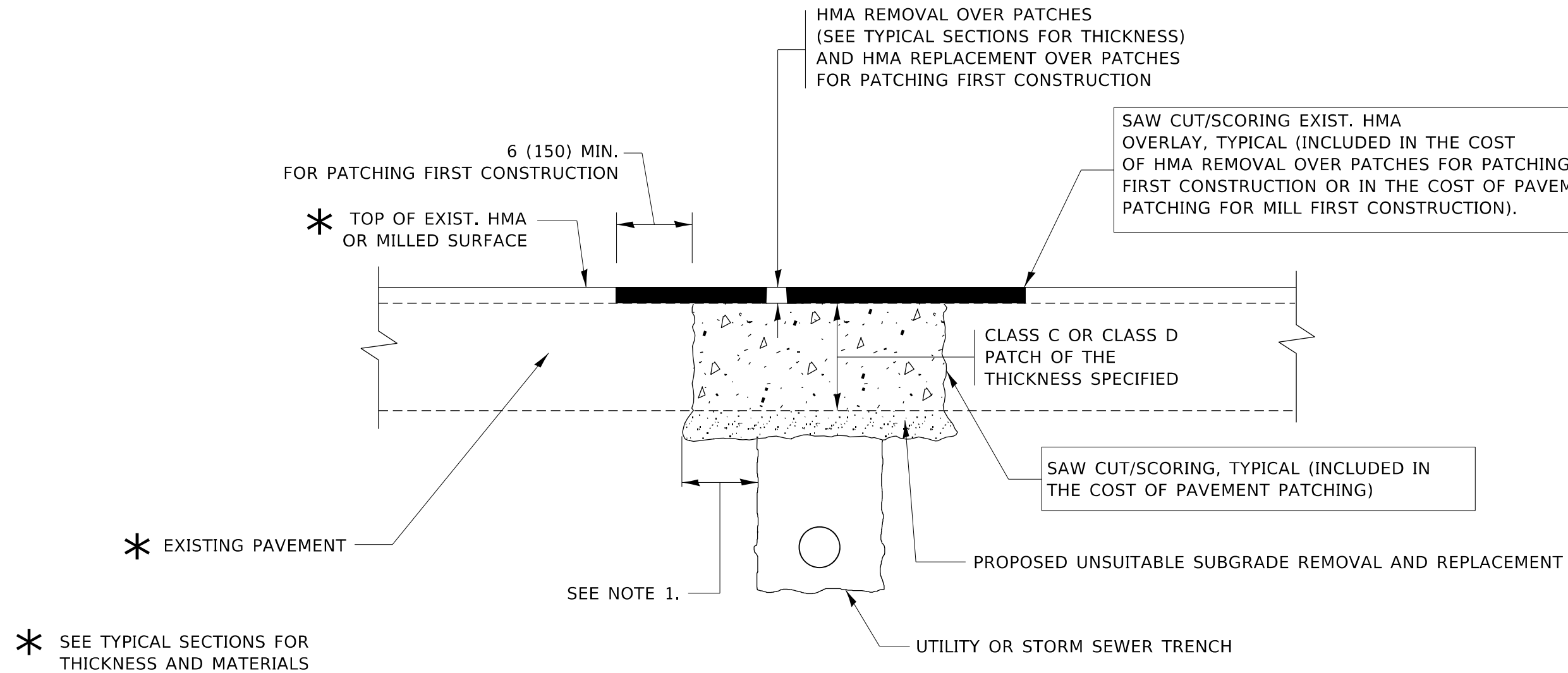
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	DRAWN -	REVISED - R. BORO 01-01-07
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PLOT DATE = 8/4/2021	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	24
BD600-03 (BD-8)		CONTRACT NO. 62N63		
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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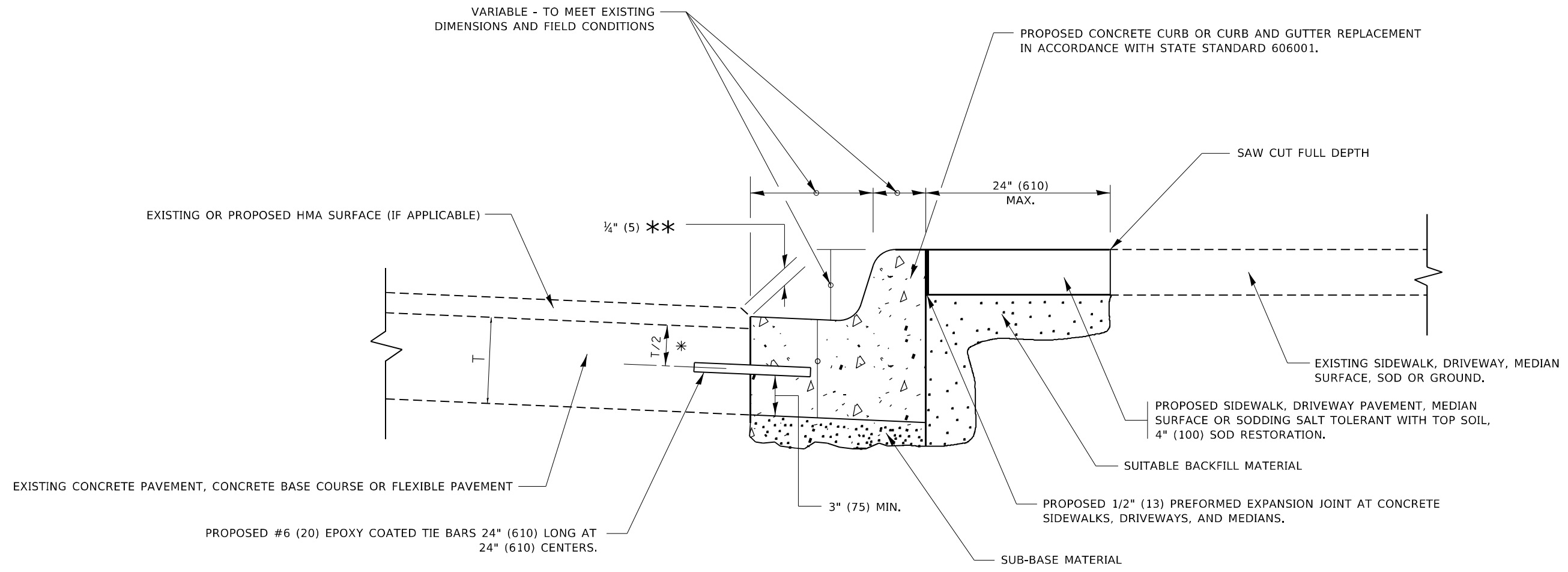
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PLOT DATE = 8/4/2021	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R565W	COOK	37	25
BD400-04 (BD-22)		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

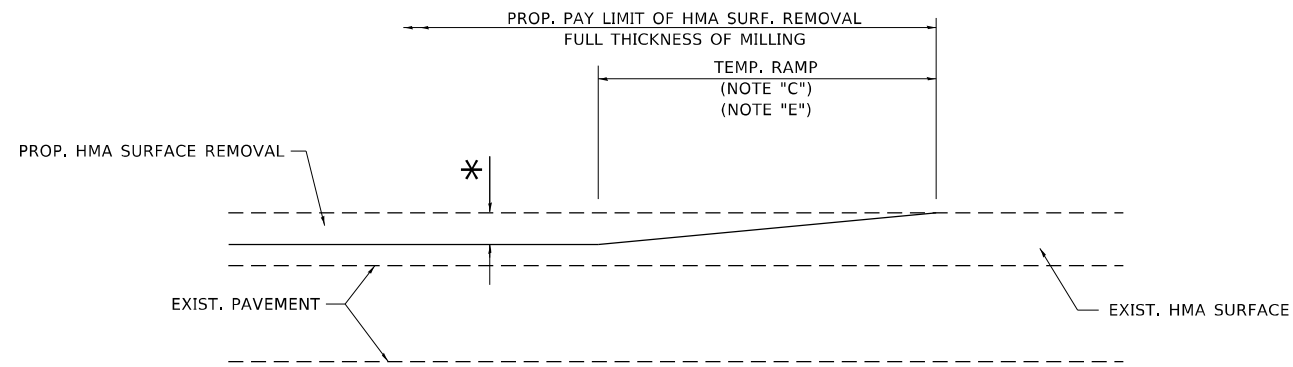
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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PLOT DATE = 8/4/2021	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

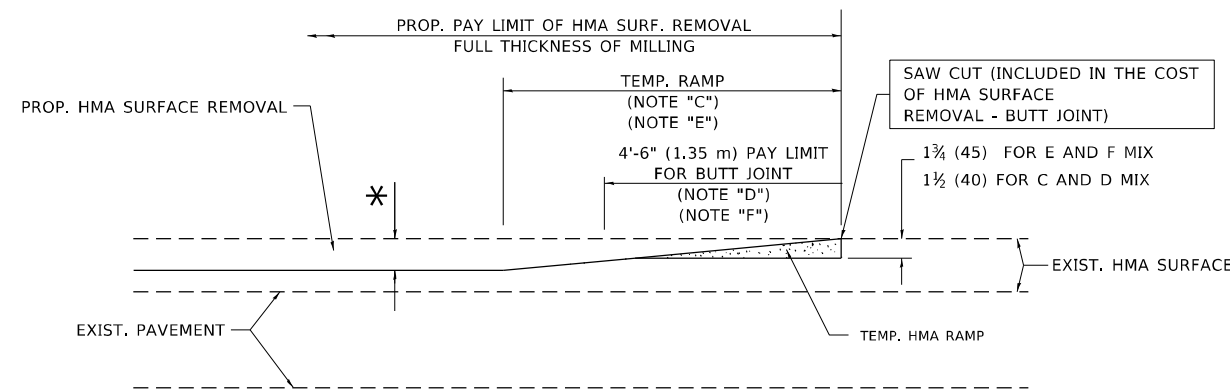
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BD600-06 (BD-24)		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

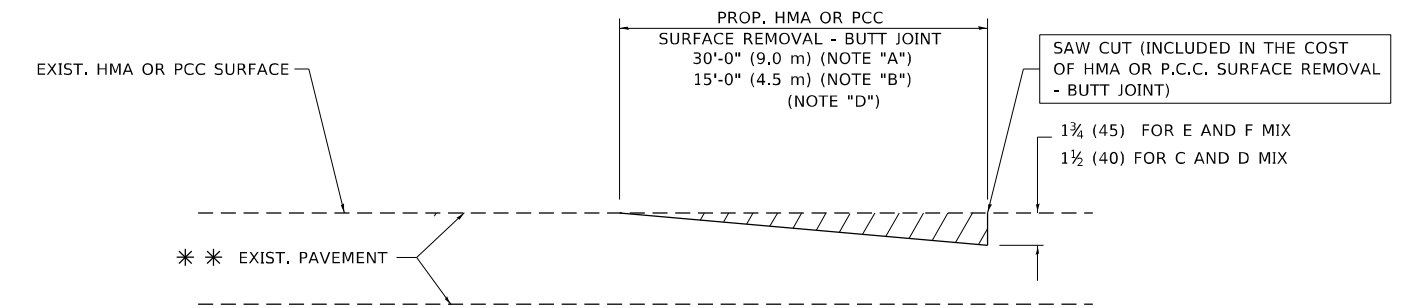


HMA CONSTRUCTED TEMPORARY RAMP

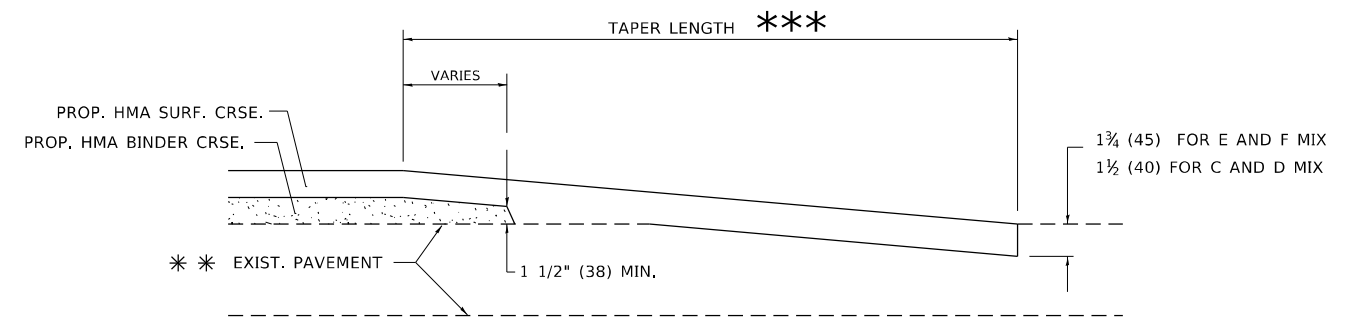
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

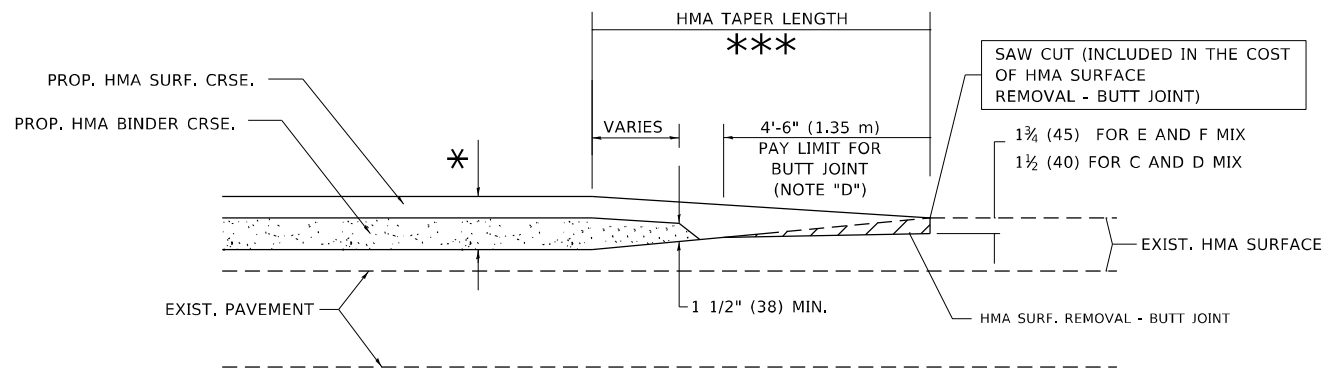
NOTES

- 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

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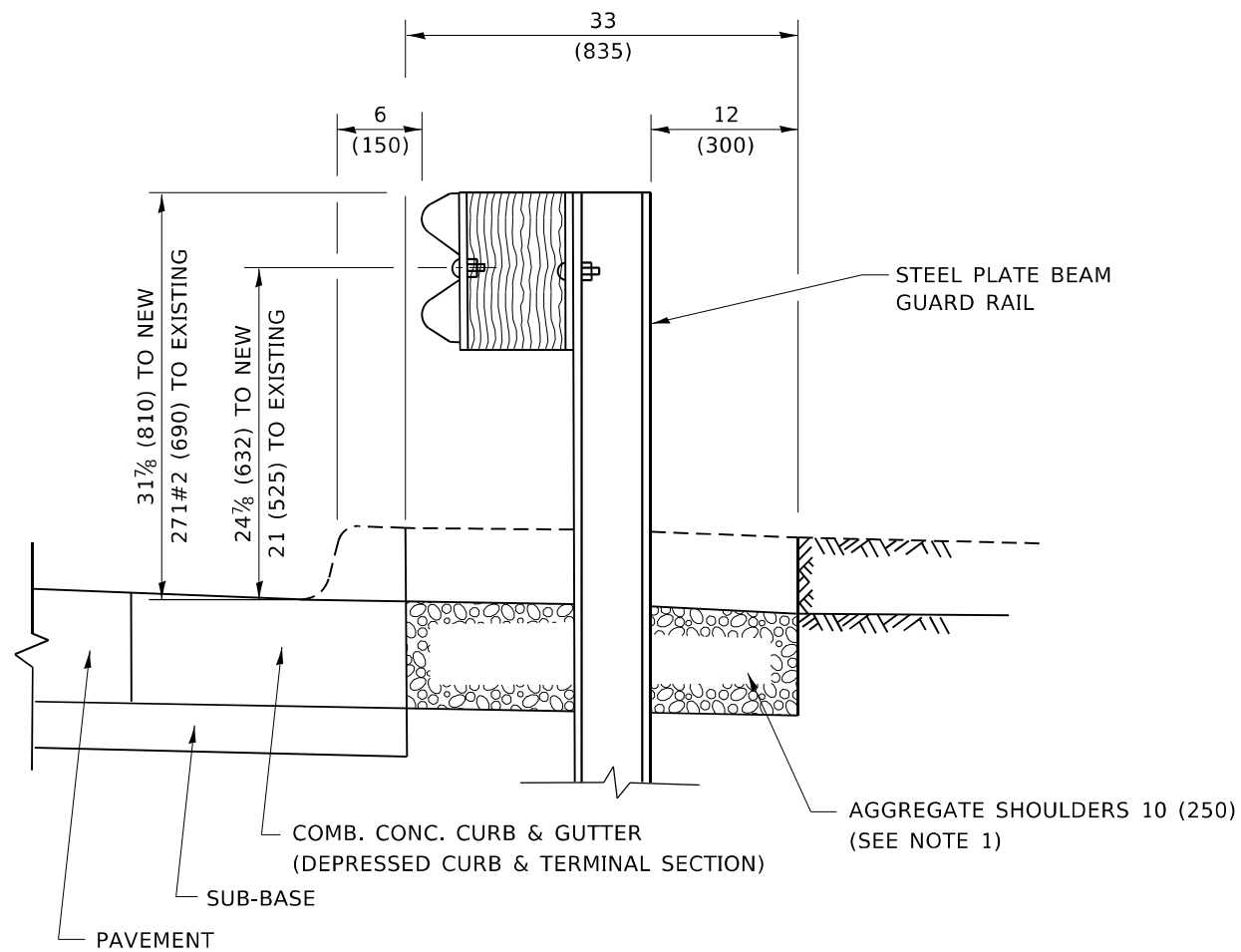
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PLOT DATE = 8/4/2021	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	27
BD400-05 BD32		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				

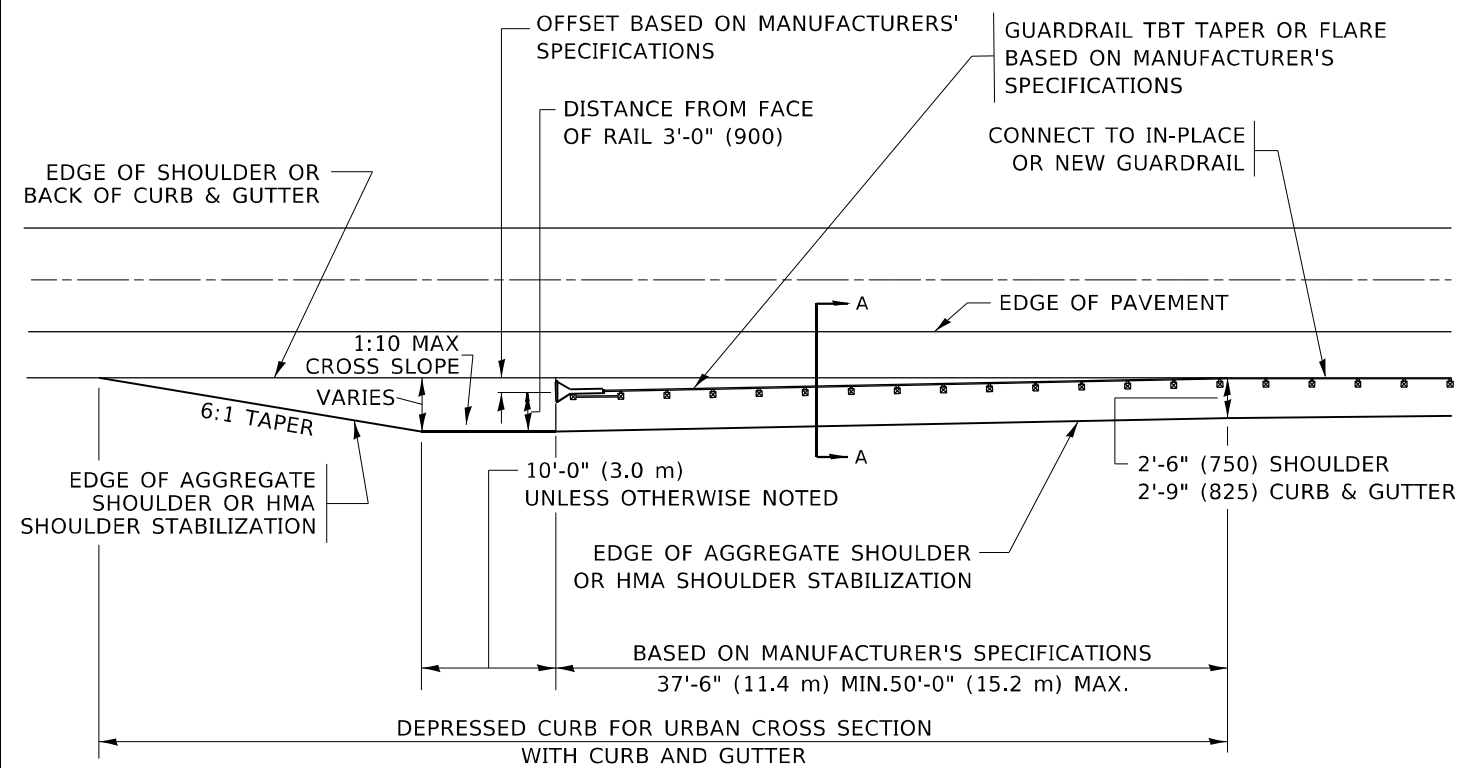


SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

**DETAILS FOR STEEL PLATE BEAM
GUARD RAIL ADJACENT TO CURB AND GUTTER
[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]**



**DEPRESSED CURB AND GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

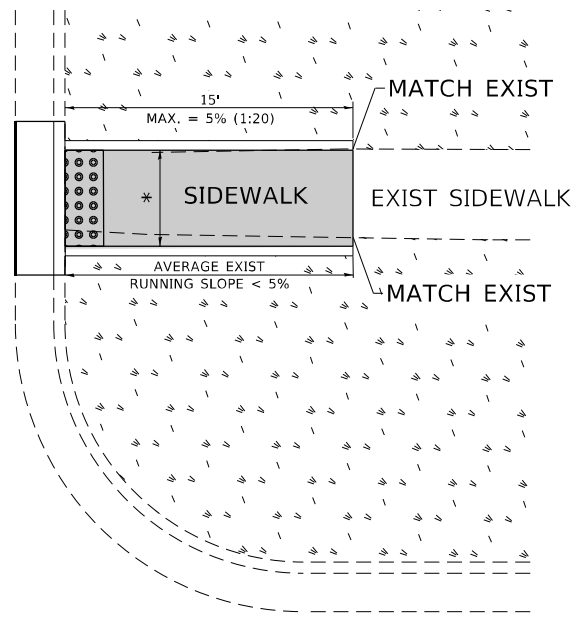
**DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY. 1 SPL.**

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

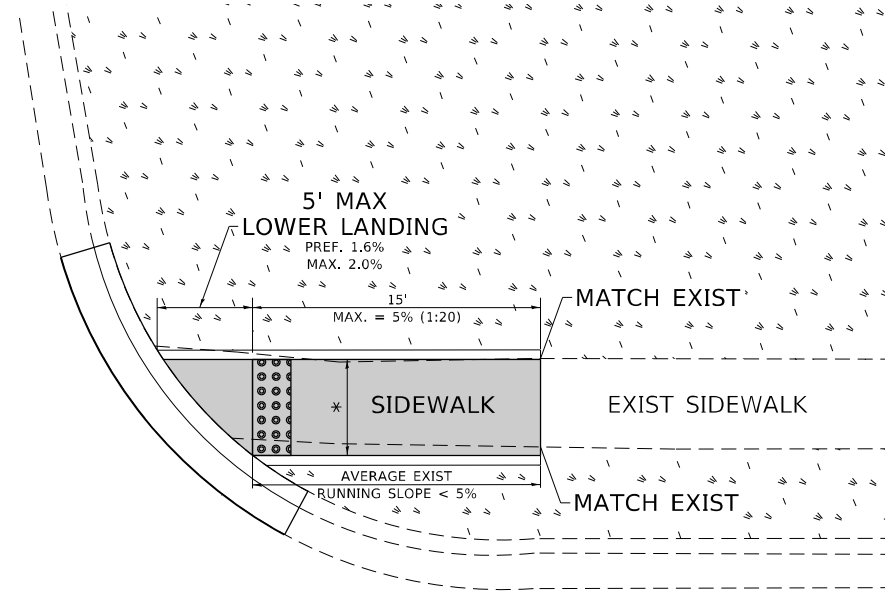
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BD600-10 (BD 34)		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

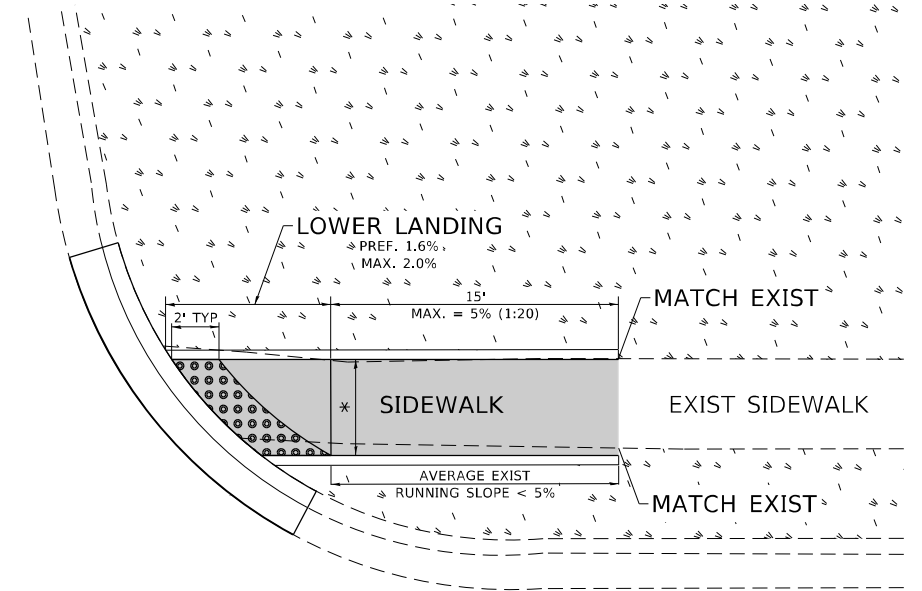
PD-01A



PD-01B



PD-01C



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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 OFFICE: DISTRICT 1
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	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/4/2021	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

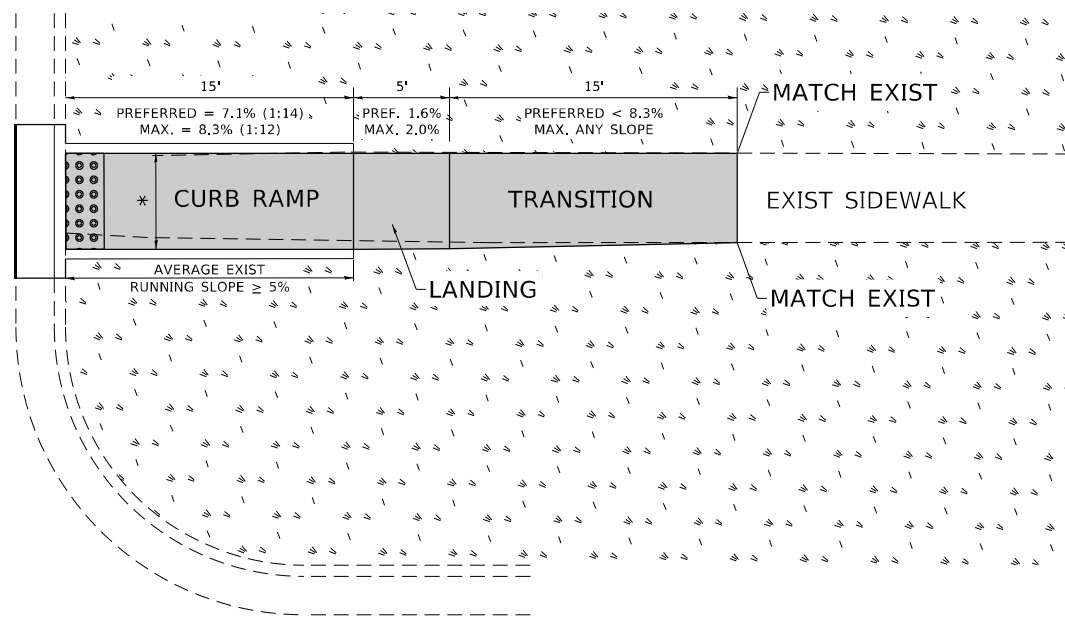
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

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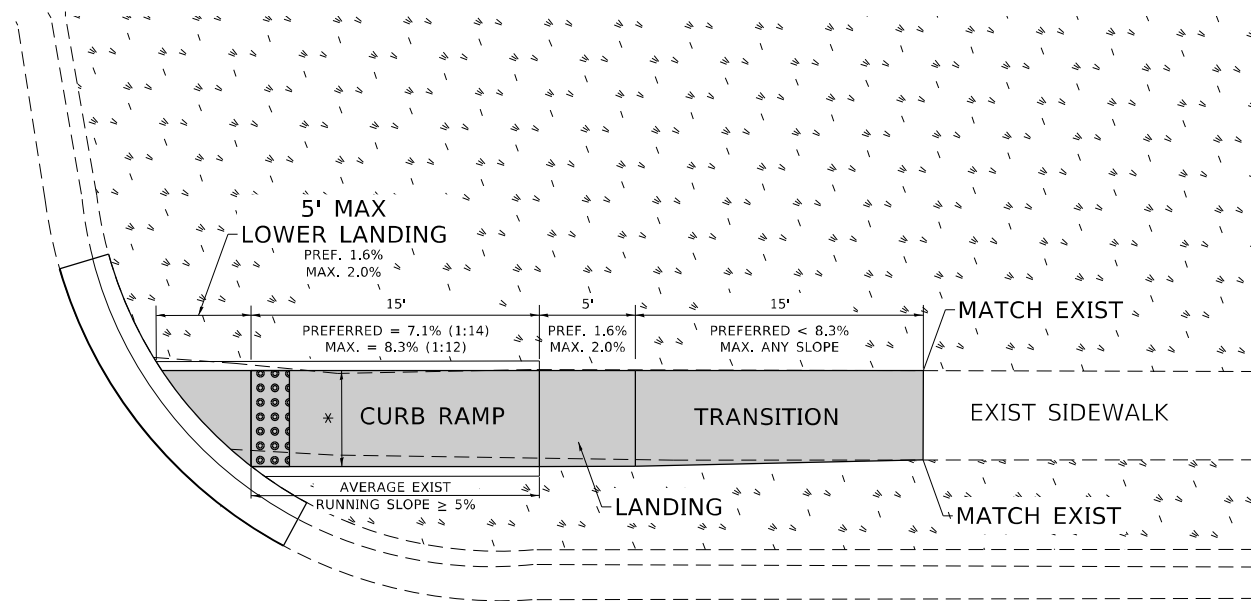
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1320	2021-013-RS&SW	COOK	37	29
PD-01		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

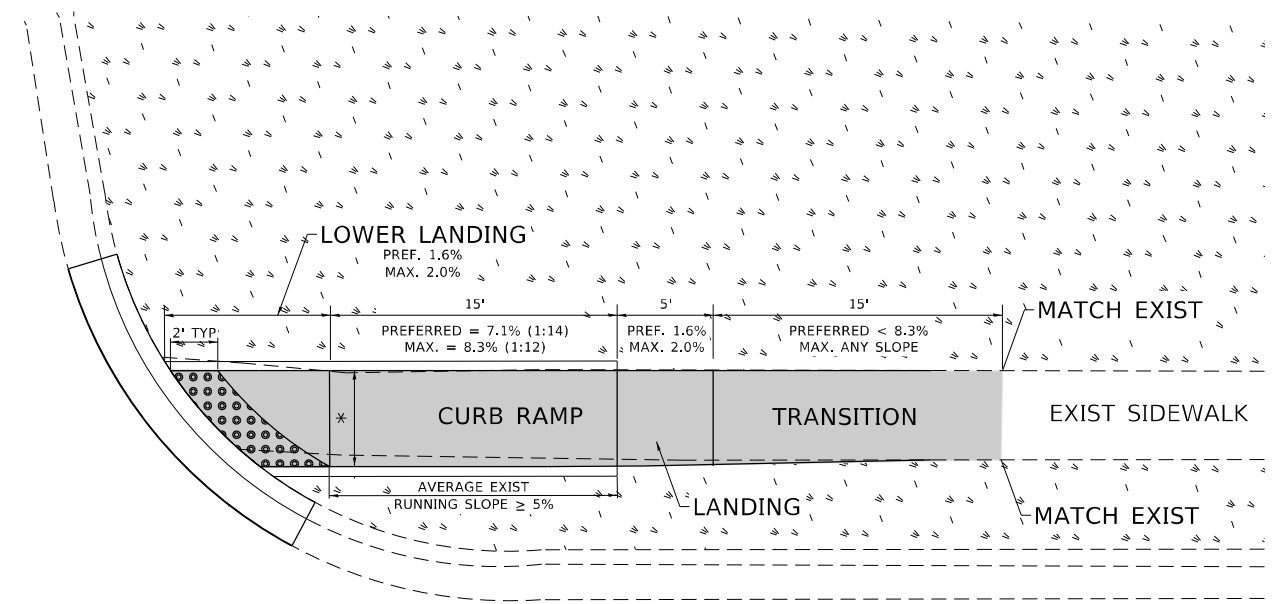
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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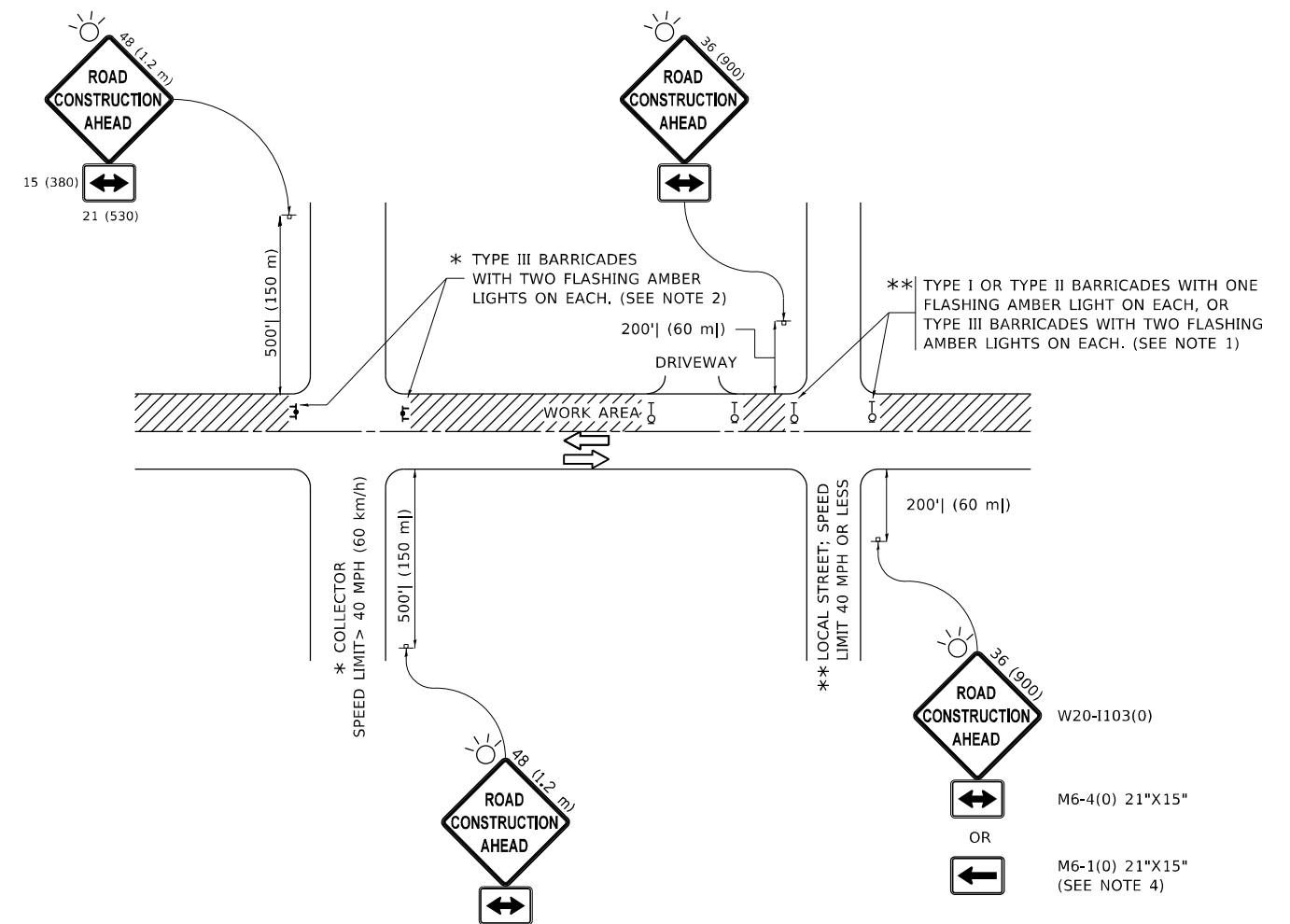
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DRAWN - R. LEDEZMA	REVISIONS -	
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PLOT DATE = 8/4/2021	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	30
PD-02		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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 PROJECT DATE: 8/4/2021
 PROJECT DESCRIPTION: 2021-01-3-R5&SW
 PROJECT LOCATION: COOK COUNTY
 PROJECT CONTRACT NO.: 62N63

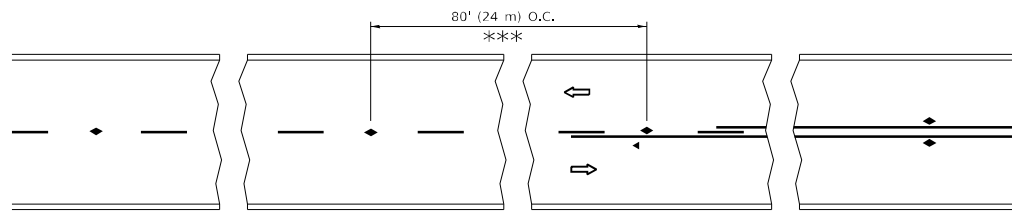
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PLOT DATE = 8/4/2021	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

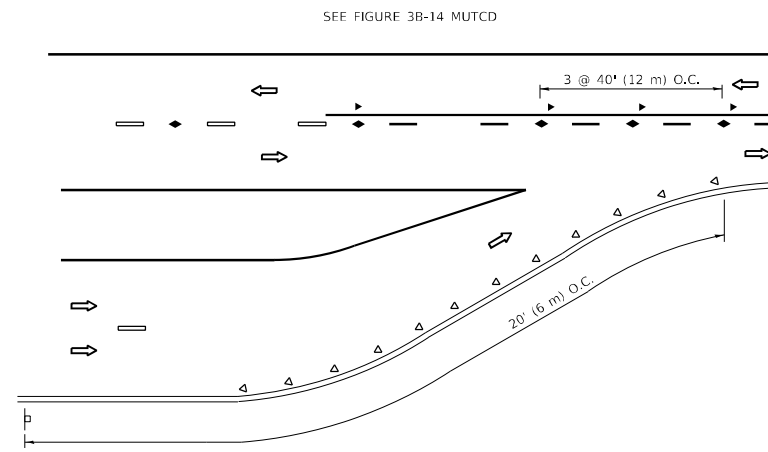
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				

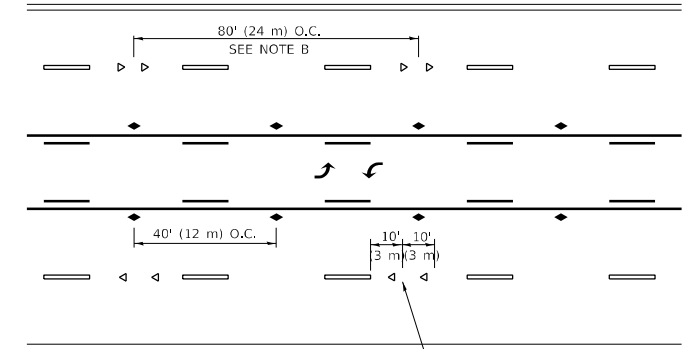


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

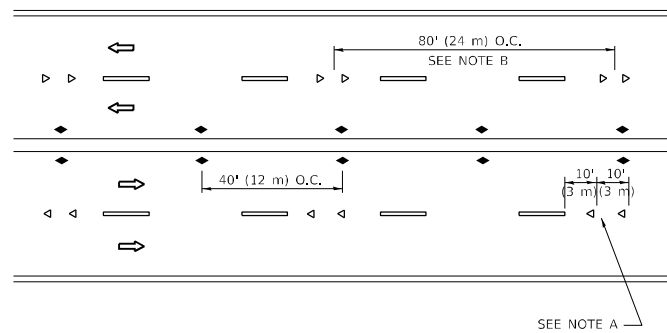
TWO-LANE/TWO-WAY



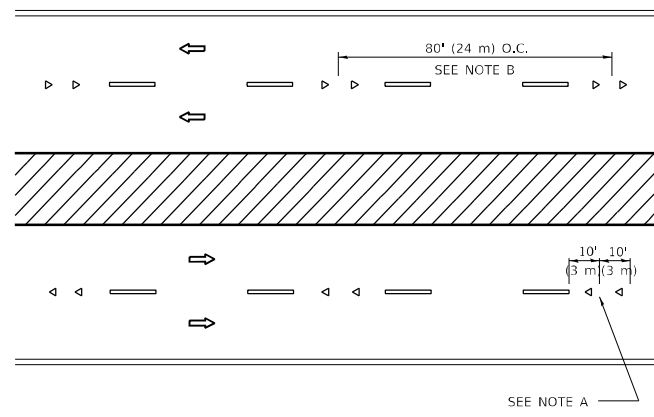
LANE REDUCTION TRANSITION



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

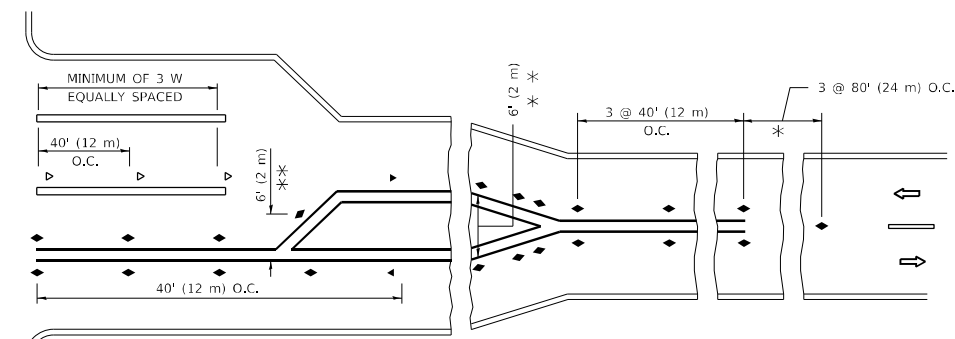
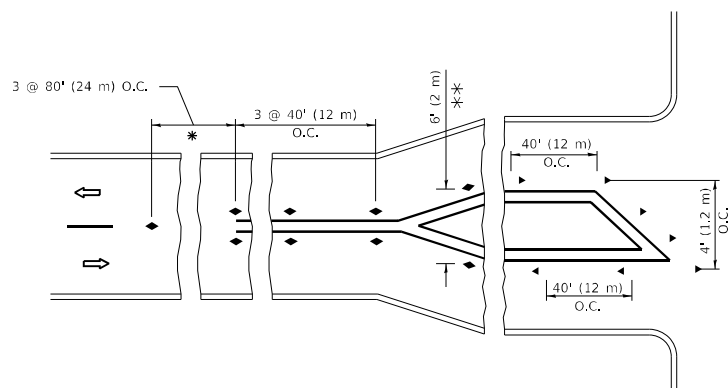
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.



TURN LANES

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

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

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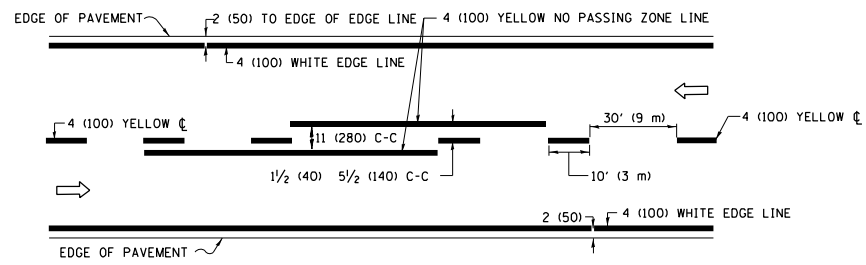
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PLOT DATE = 8/4/2021	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

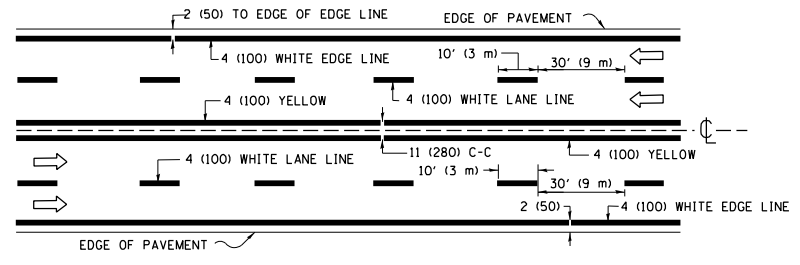
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

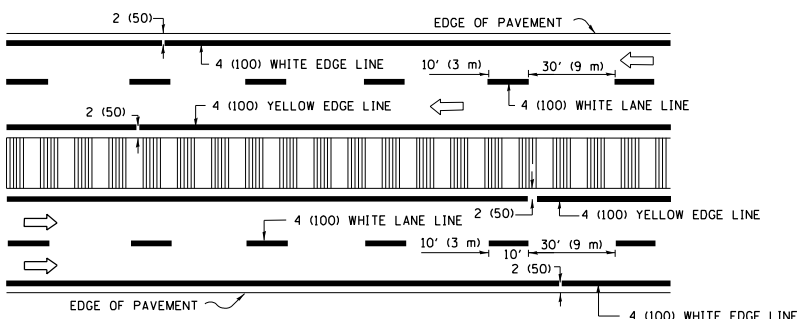
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&5W	COOK	37	32
TC-11		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

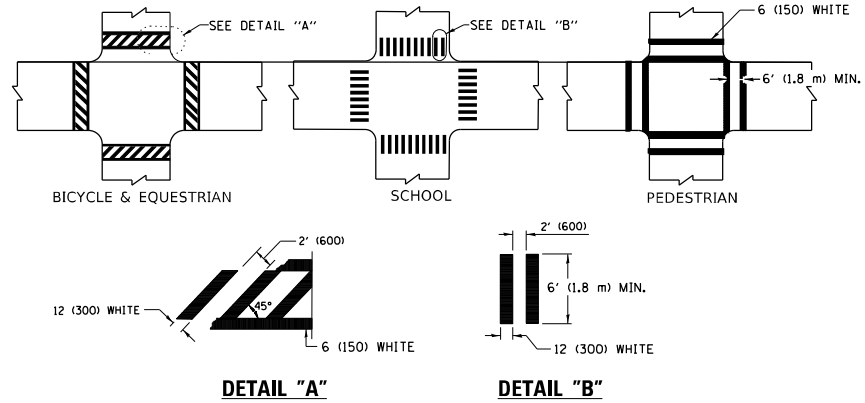


MULTI-LANE UNDIVIDED



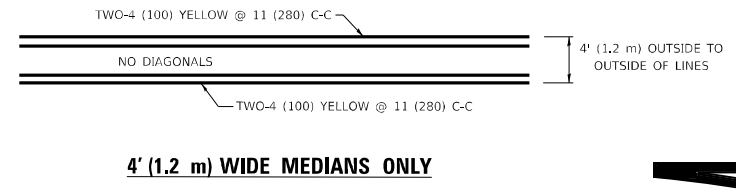
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

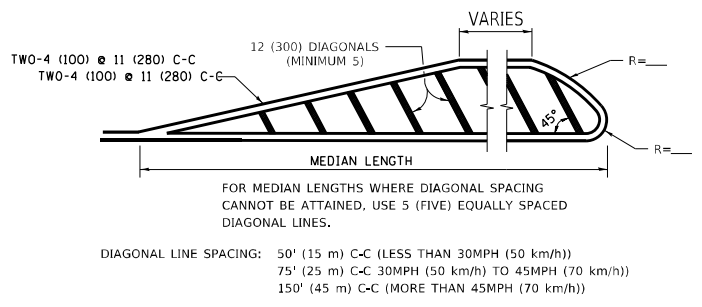


TYPICAL CROSSWALK MARKING

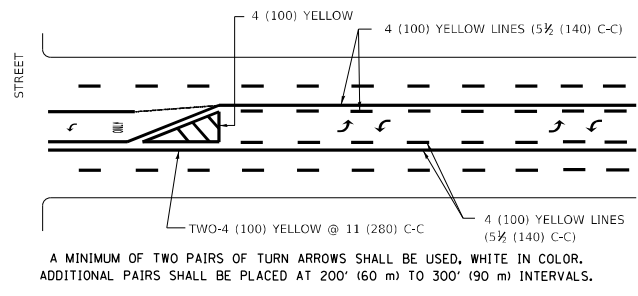
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



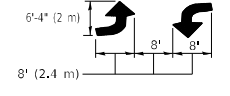
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

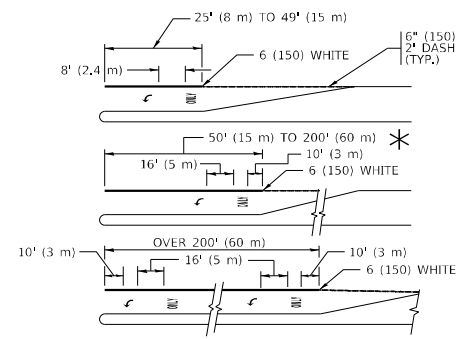


TYPICAL PAINTED MEDIAN MARKING



MEDIAN WITH TWO-WAY LEFT TURN LANE

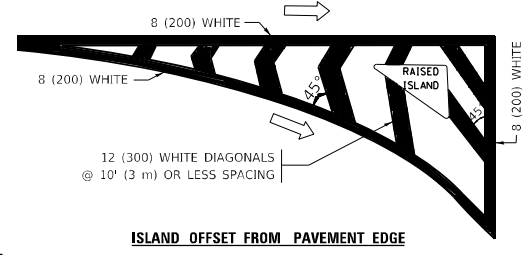
TYPICAL PAINTED MEDIAN MARKING



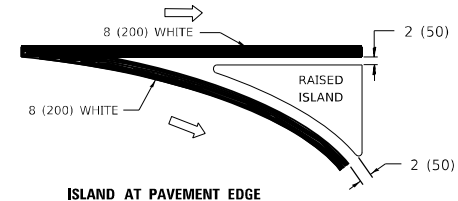
TYPICAL LEFT (OR RIGHT) TURN LANE

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".

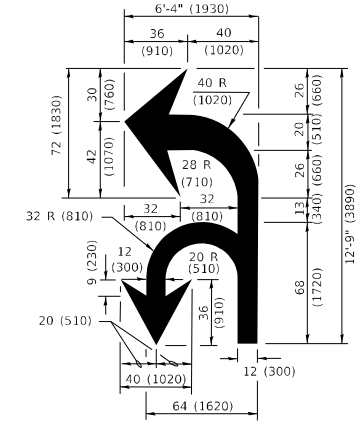


ISLAND OFFSET FROM PAVEMENT EDGE

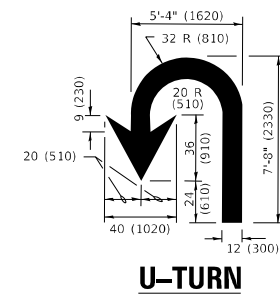


ISLAND AT PAVEMENT EDGE

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) 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" IS 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.

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DRAWN -	REVISED - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15
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PLOT DATE = 8/4/2021	DATE - 03-19-90	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	33
TC-13		CONTRACT NO. 62N63		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

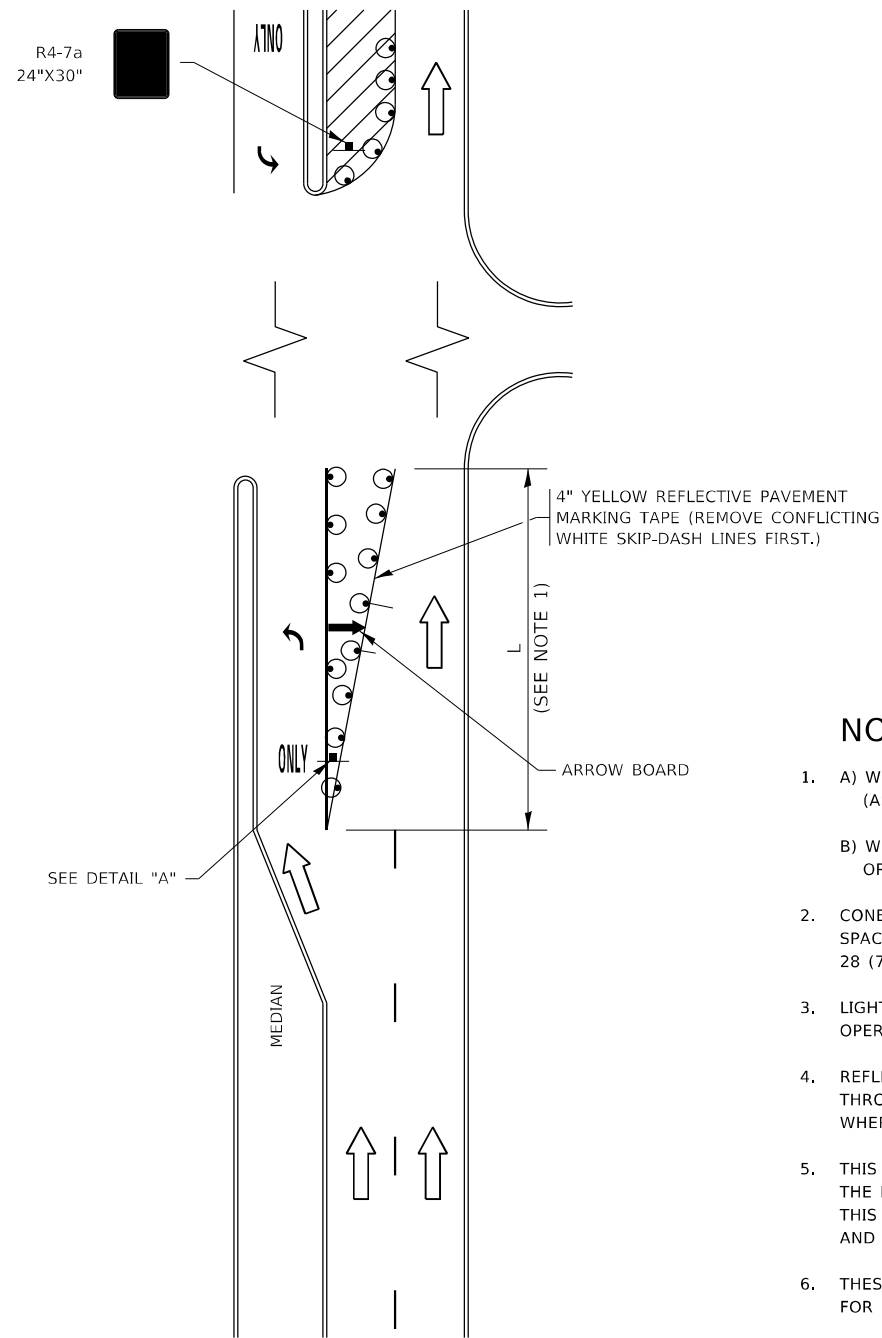


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

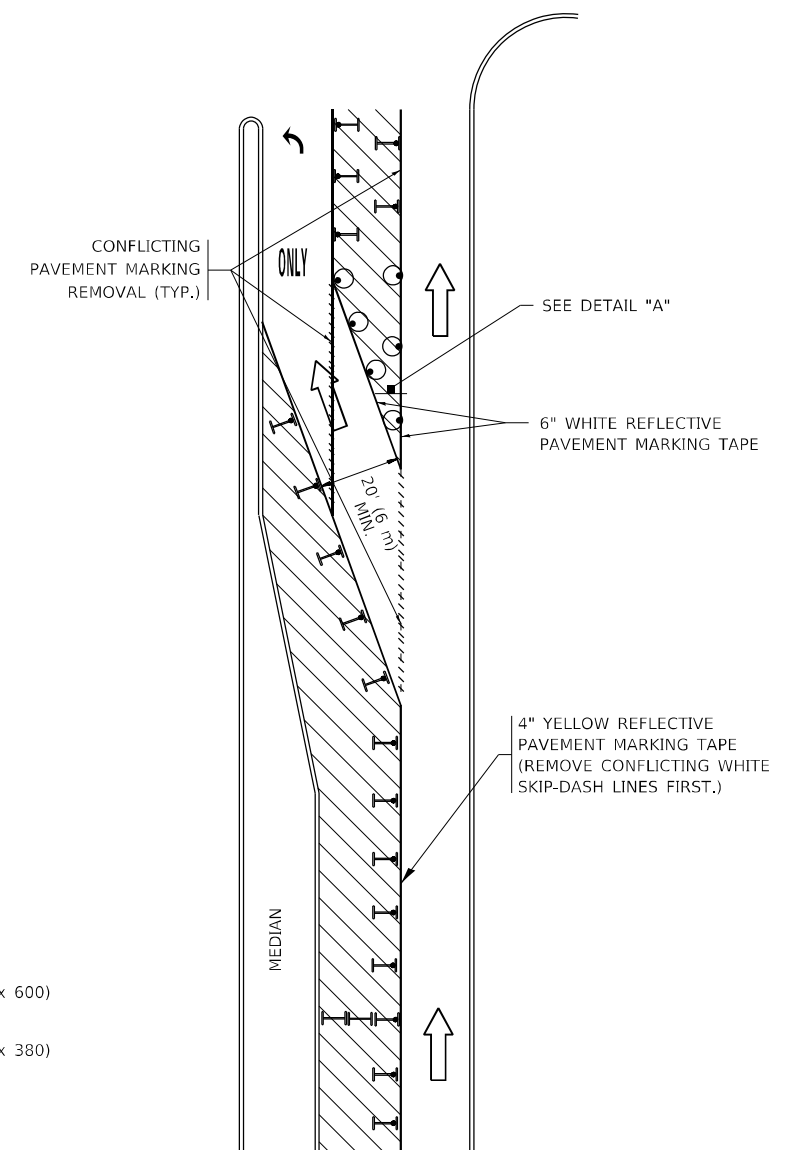


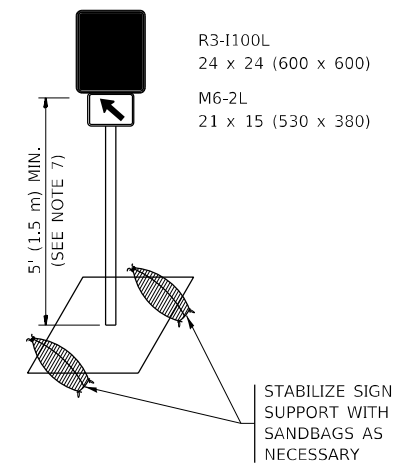
FIGURE 2

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. 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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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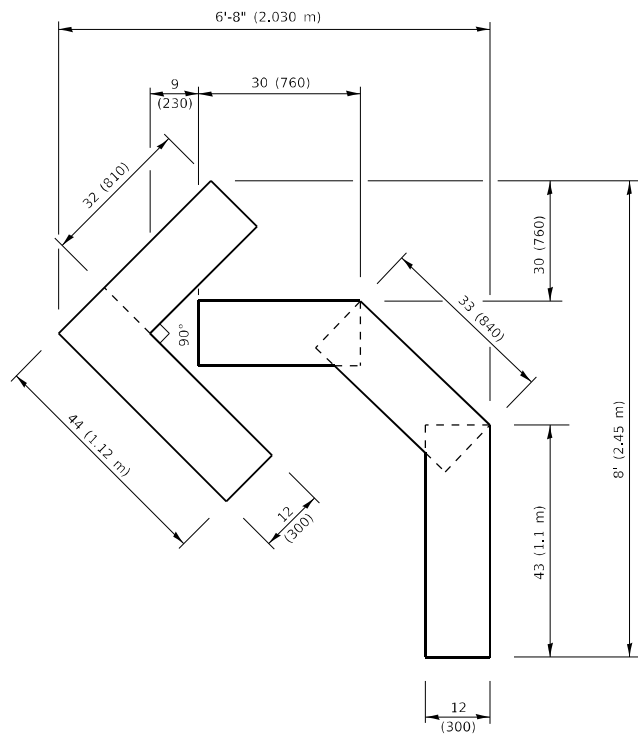
USER NAME = gorengautab	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 8/4/2021	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

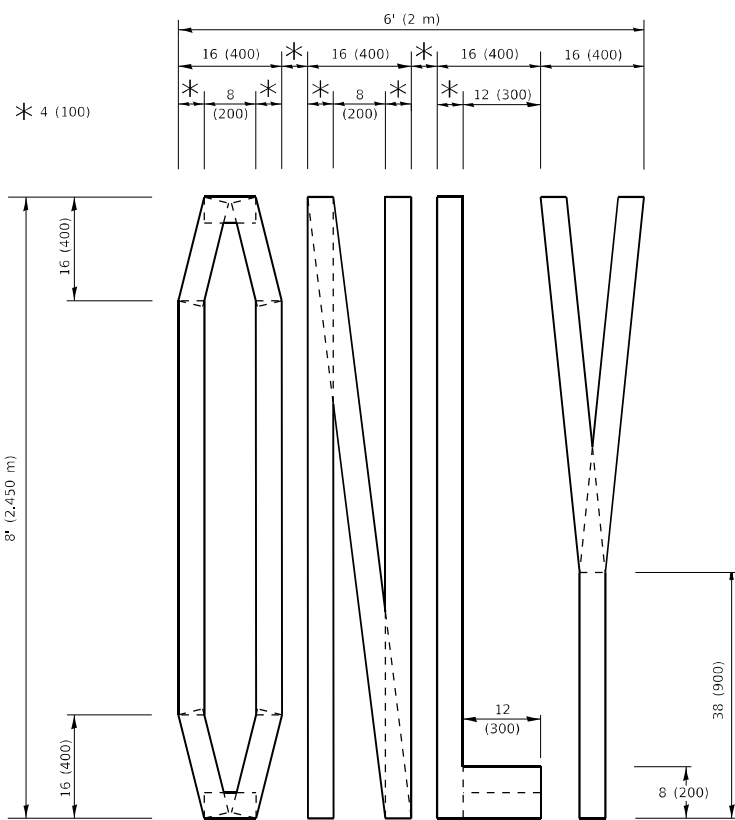
**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

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

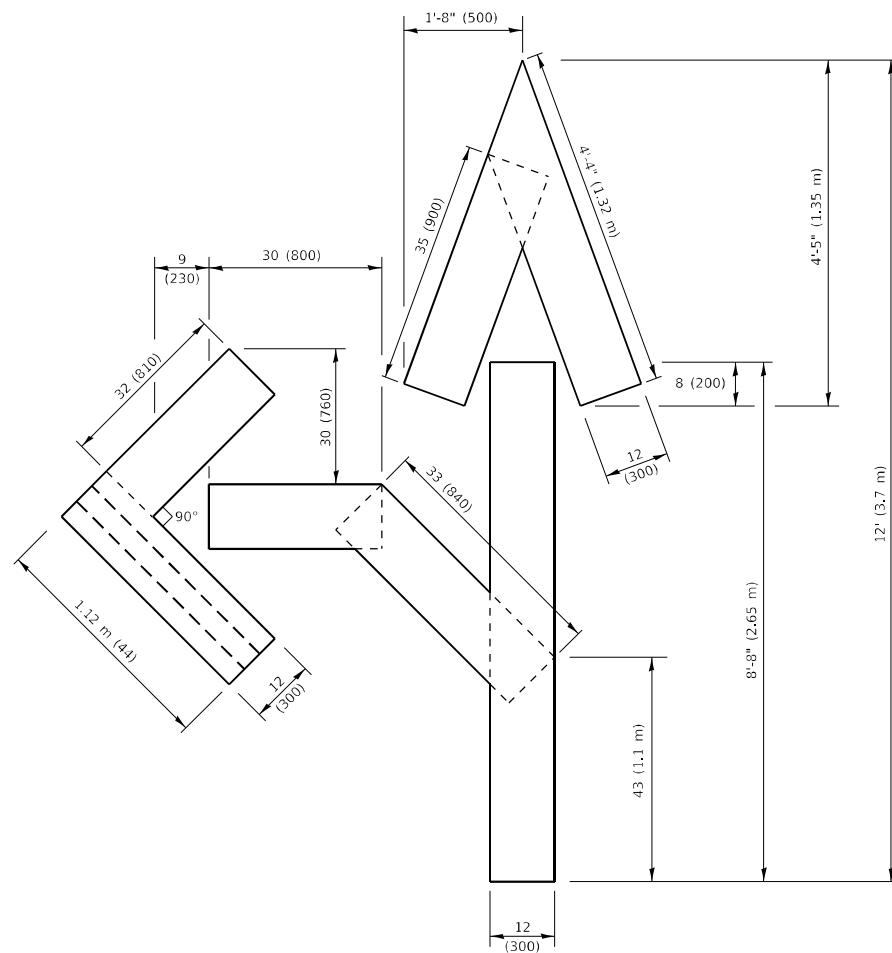
F.A.U. RTE. 1320	SECTION 2021-013-R5&5W	COUNTY COOK	TOTAL SHEETS 37	SHEET NO. 34
TC-14		CONTRACT NO. 62N63		
ILLINOIS FED. AID PROJECT				



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

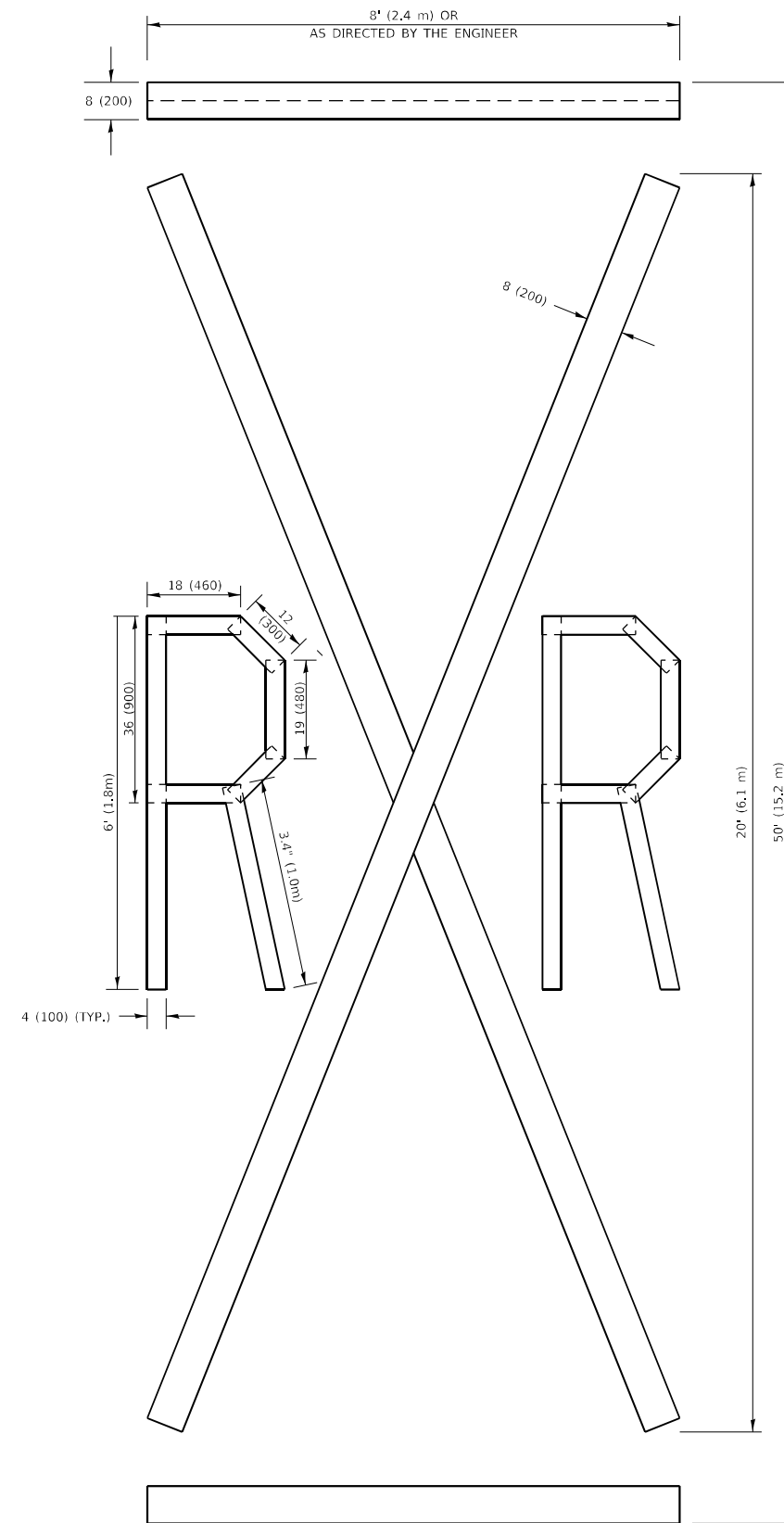


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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



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

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

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USER NAME = gorengau,lab	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0853 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/4/2021	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

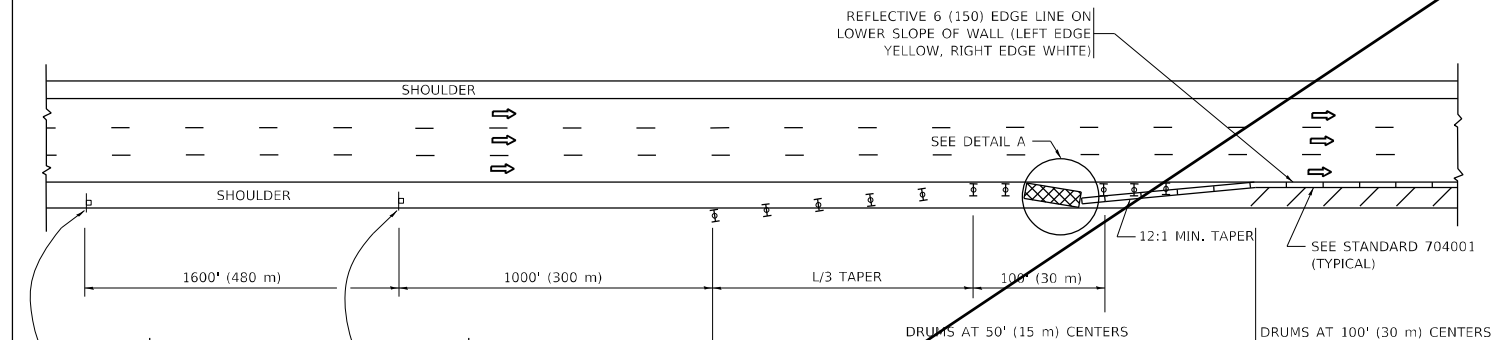
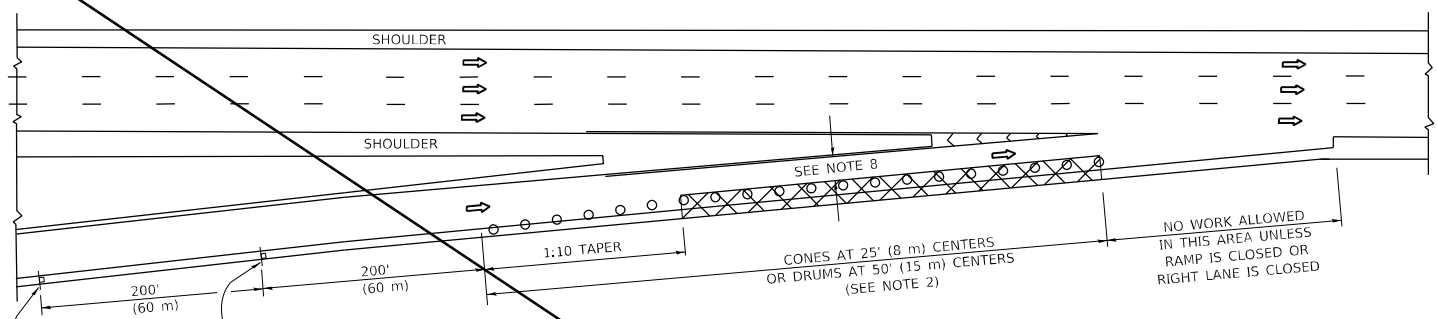
SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R5&SW	COOK	37	35
TC-16		CONTRACT NO. 62N63		
ILLINOIS		FED. AID PROJECT		

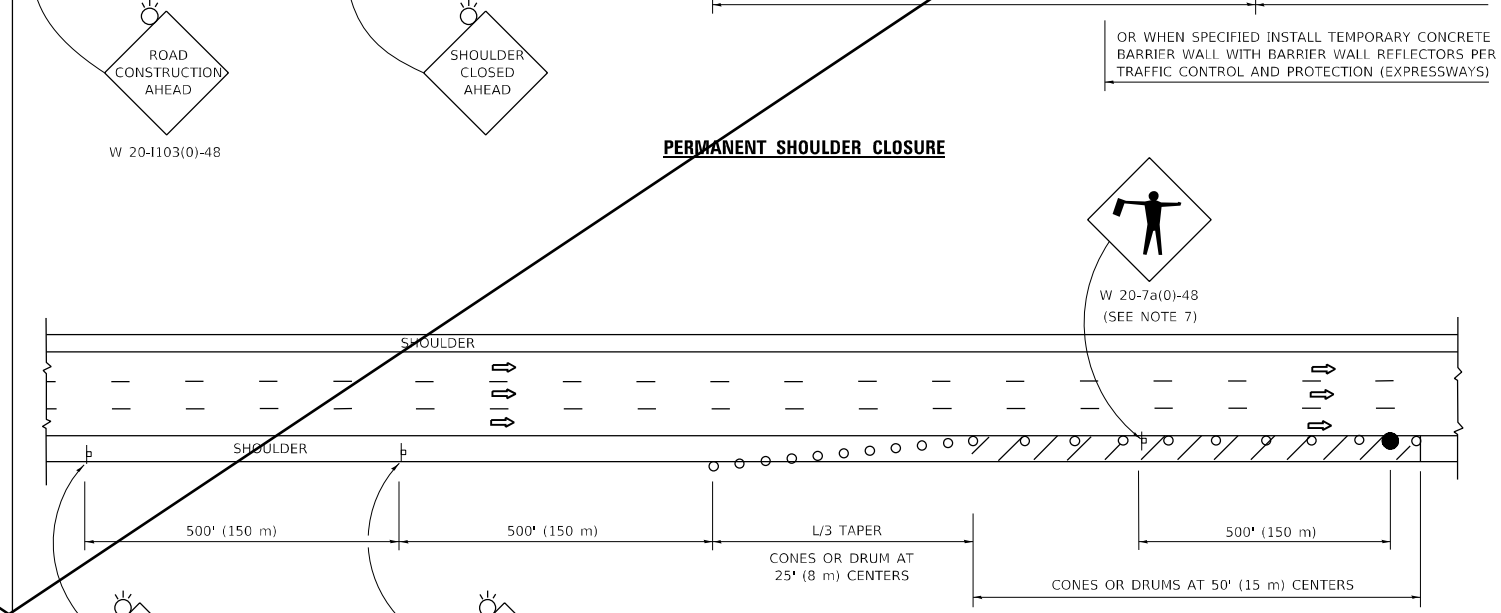
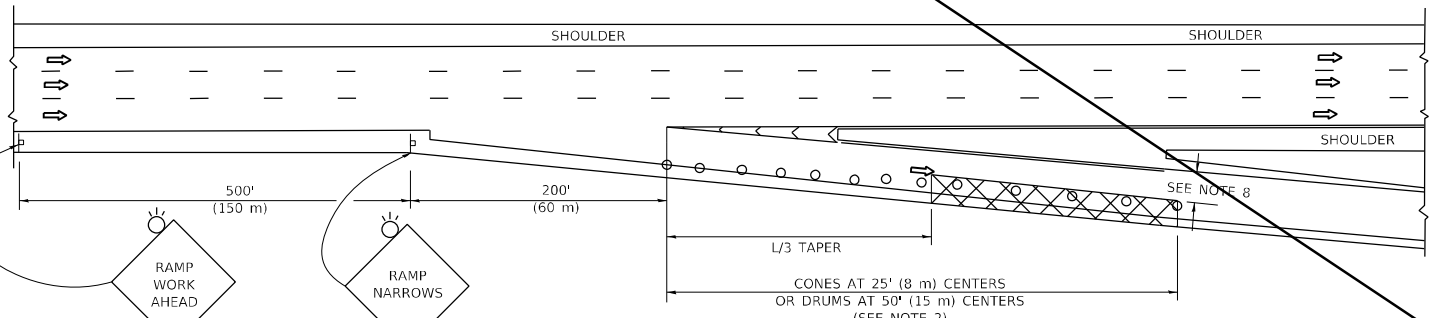
PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS



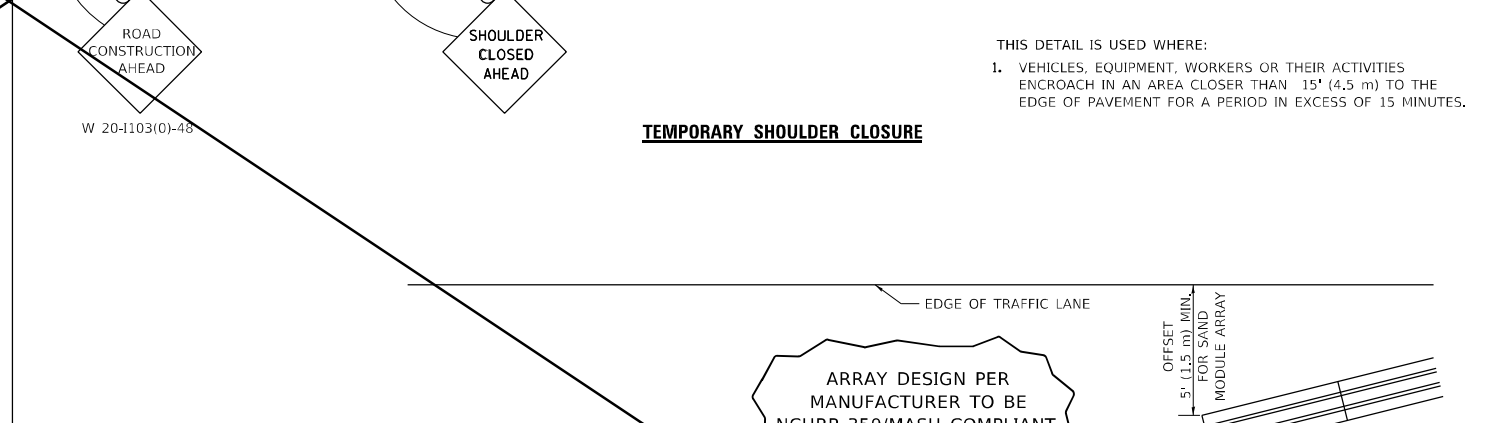
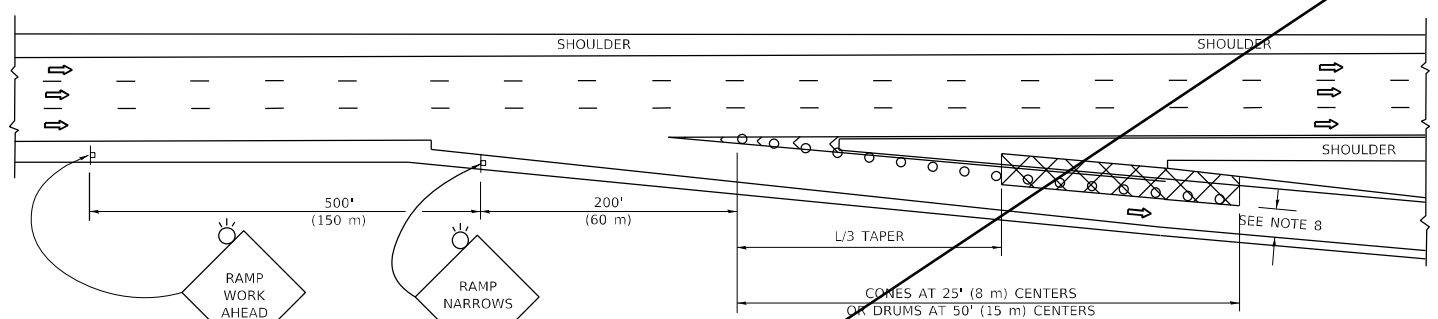
TYPICAL ENTRANCE RAMP

PERMANENT SHOULDER CLOSURE



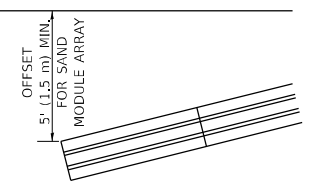
TYPICAL EXIT RAMP

TEMPORARY SHOULDER CLOSURE



THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

- THE "L" DISTANCE EQUALS:

SPEED LIMIT		FORMULAS	
45 mph (80 km/h)	METRIC	ENGLISH	
OR GREATER:	$L=0.65(W/S)$	$L=(W/S)$	

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
- TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

- 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
- TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

MODEL: Default; FILE: \\hpc\pub\pubroom\dtd\illinois\dot\Documents\DOT-Office\Drawings\1\Projects\111321\CADD\Drawings\Design\DES-548.dgn

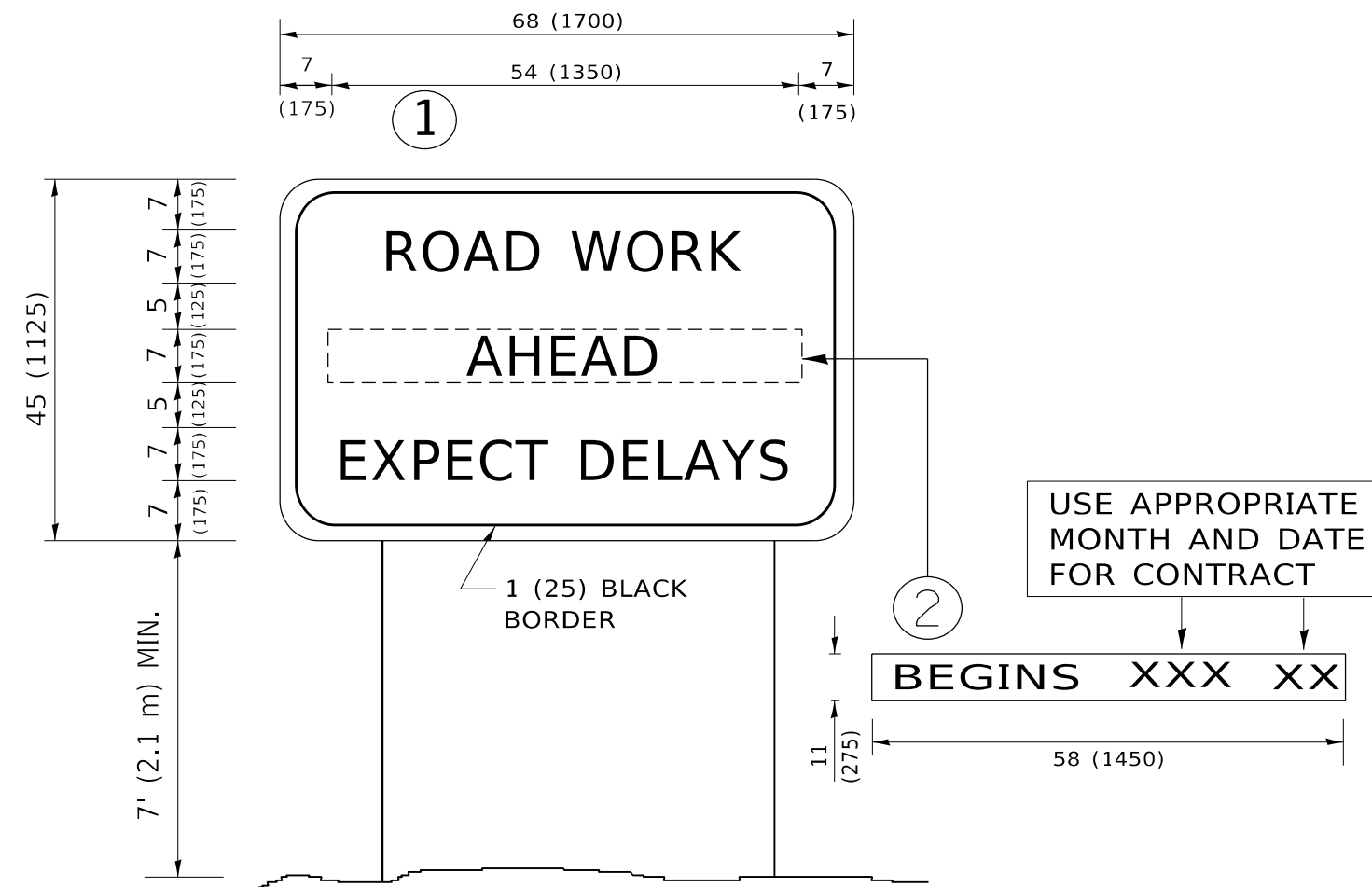
USER NAME = gorengautab	DESIGNED -	REVISED -
	DRAWN - D,W,S.	M.D, 06-13
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - M,D, 01-18
PLOT DATE = 8/4/2021	DATE - 11-96	REVISED - M,D, 10-20

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-RS&SW	COOK	37	36
TC-17		CONTRACT NO. 62M63		
ILLINOIS FED. AID PROJECT				



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
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USER NAME = gorengautab	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 8/4/2021	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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1320	2021-013-R565W	COOK	37	37
TC-22			CONTRACT NO. 62N63	
ILLINOIS FED. AID PROJECT				