

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN VILLAGE OF HINSDALE AND  
VILLAGE OF WESTERN SPRINGS

F.A.U. 1488: 47TH STREET  
COUNTY LINE ROAD TO WOLF ROAD  
SECTION: 2020-148-RS-SW&PP

SMART OVERLAY, ADA IMPROVEMENTS, BRIDGE  
APPROACH PATCHING

PROJECT: STP-PGTQ(239)  
COOK COUNTY

C-91-315-20

TRAFFIC DATA:  
2018 ADT = 13,000  
POSTED SPEED LIMIT = 35 MPH

DESIGN DESIGNATION:  
MINOR ARTERIAL

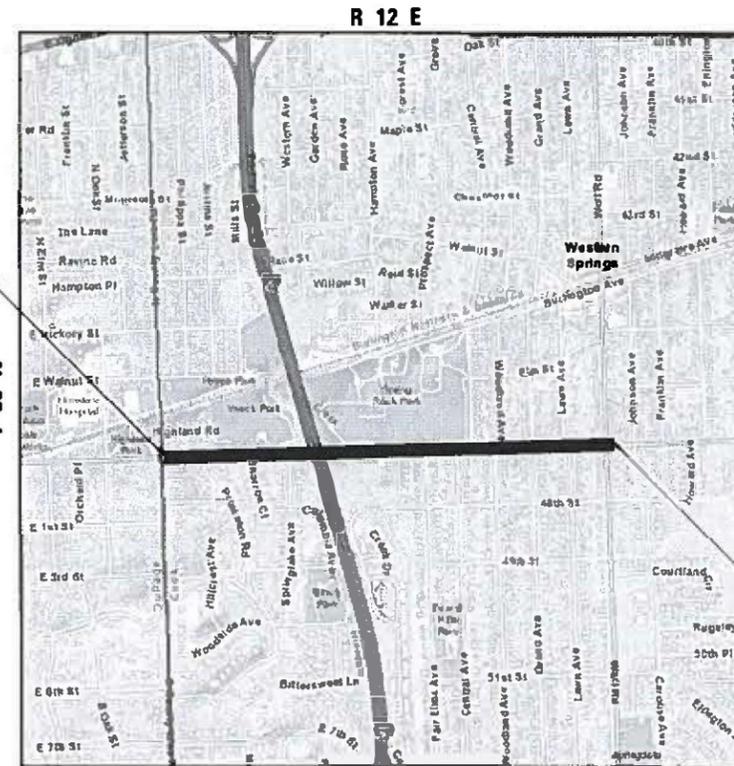


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD  
ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT  
CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS  
ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240  
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62M20



BEGIN PROJECT:  
STA. 22+37.00

END PROJECT:  
STA. 72+70.00

DOWNERS GROVE, LYONS TOWNSHIPS

GROSS LENGTH = 5033 FT = 0.953 MILE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-RS-SW&PP	COOK	29	1
ILLINOIS			CONTRACT NO. 62M20	

\* 29+1=30 TOTAL SHEETS

D-91-517-20



LOCATION OF SECTION INDICATED THUS: [Symbol]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 9 202020  
*Christy J. Doughty* REGIONAL ENGINEER  
June 26, 2020  
*Scott A. Etk*  
ENGINEER OF DESIGN AND ENVIRONMENT  
June 26, 2020  
*James M. Jan*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVERSHEET
2	INDEX OF SHEETS & STANDARDS
3	GENERAL NOTES
4 - 6	SUMMARY OF QUANTITIES
7 - 8	TYPICAL SECTIONS
9 - 11	ROADWAY PLAN
12 - 14	SUGGESTED TRAFFIC CONTROL STAGING PLANS
15	DETECTOR LOOP REPLACEMENT PLANS
16	ADA SIDEWALK CURB RAMP DETAILS
17	BD-08: DETAILS FOR FRAMES AND LIDS ADJUSTEMENT WITH MILLING
18	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
19	BD-24: CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
20	BD-32: BUTT JOINT AND HMA TAPER DETAILS
21	BD-33: HMA TAPER AT EDGE OF PCC PAVEMENT
22	BD-34: DETAILS FOR DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY 1 SPL.
23	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
24	TC-11: TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
25	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS
25A	TC-14: TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
26	TC-16: SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
27	TC-22: ARTERIAL ROAD INFORMATION SIGN
28	TS-05: STANDARD TRAFFIC SIGNAL DESIGN DETAILS
29	TS-07: DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

LIST OF STATE STANDARDS

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
606306-04	CORRUGATED PC CONCRETE MEDIANS
630001-12	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
635001-02	DELINEATORS
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE 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
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTION LOOPS

MODEL: Default  
 FILE: h:\mhc\p\suplanroom\data\illinois.gov\RWIDOT\Documents\DOT\_Offices\I11111\1\Projects\151720\CaddData\Design\151720-shl-generat.dgn

USER NAME = rostkowskir	DESIGNED - RR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX AND STANDARDS</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 100.0000' / in.	DRAWN - RR	REVISED -		<b>47TH STREET; COUNTY LINE ROAD TO WOLF ROAD</b>		1488	2020-148-R5-SW&PP	COOK	29	2	
PLOT DATE = 6/19/2020	CHECKED - DW	REVISED -		SCALE: 1"=50'	SHEET 1	OF 1	SHEETS	STA. -	TO STA. -	CONTRACT NO. 62M20	
	DATE - 5/8/2020	REVISED -								ILLINOIS FED. AID PROJECT	

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
2. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
3. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF HINSDALE, AND VILLAGE OF WESTERN SPRINGS.
4. THE CONTRATOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
5. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER FOOT FOR "GUARDRAIL REMOVAL".
6. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
7. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
8. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
11. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
13. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
14. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
15. THE RESIDENT ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD TECHNICIAN, VIA EMAIL AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
16. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULATIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MISTURE IS PLACED.
17. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
18. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
19. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
20. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
21. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.
22. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 40 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 KM/H). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
23. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX APSHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
24. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
25. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK. LIMITS OF WORK SHALL BE LAID OUT BY CONTACTOR PRIOR TO SELECTING TREES TO SAVE WITHIN LIMITS

MODEL: Default  
FILE: \\bls01\pub\blsroom\dat\illinois.gov\PIWDOT\Documents\IDOT\_Offices\District\_1\Projects\151720\CaddData\Design\151720-sh-agent\62m20.dgn

USER NAME = rostkowskir	DESIGNED - RR	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100,0000' / in.	DRAWN - RR	REVISED -		<b>47TH STREET; COUNTY LINE ROAD TO WOLF ROAD</b>		1488	2020-148-R5-SW&PP	COOK	29	3
PLOT DATE = 6/19/2020	CHECKED - DW	REVISED -				CONTRACT NO. 62M20				
	DATE - 5/8/2020	REVISED -		SCALE: 1"=50'	SHEET 1	OF 1	SHEETS	STA. -	TO STA. -	ILLINOIS   FED. AID PROJECT



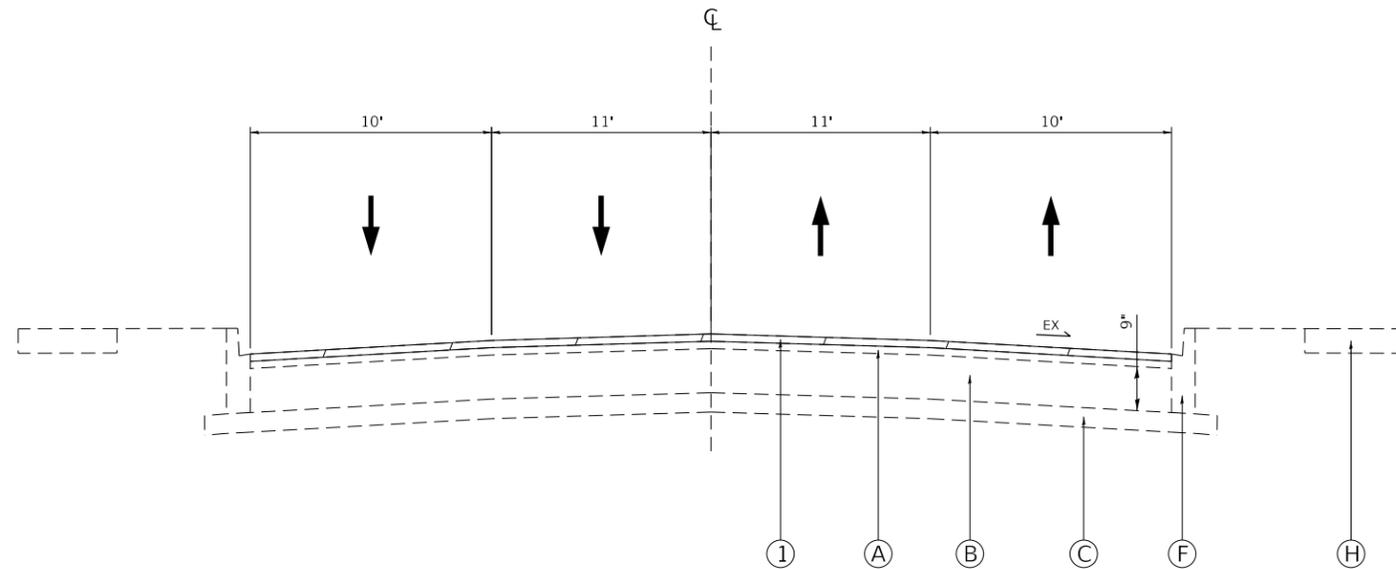




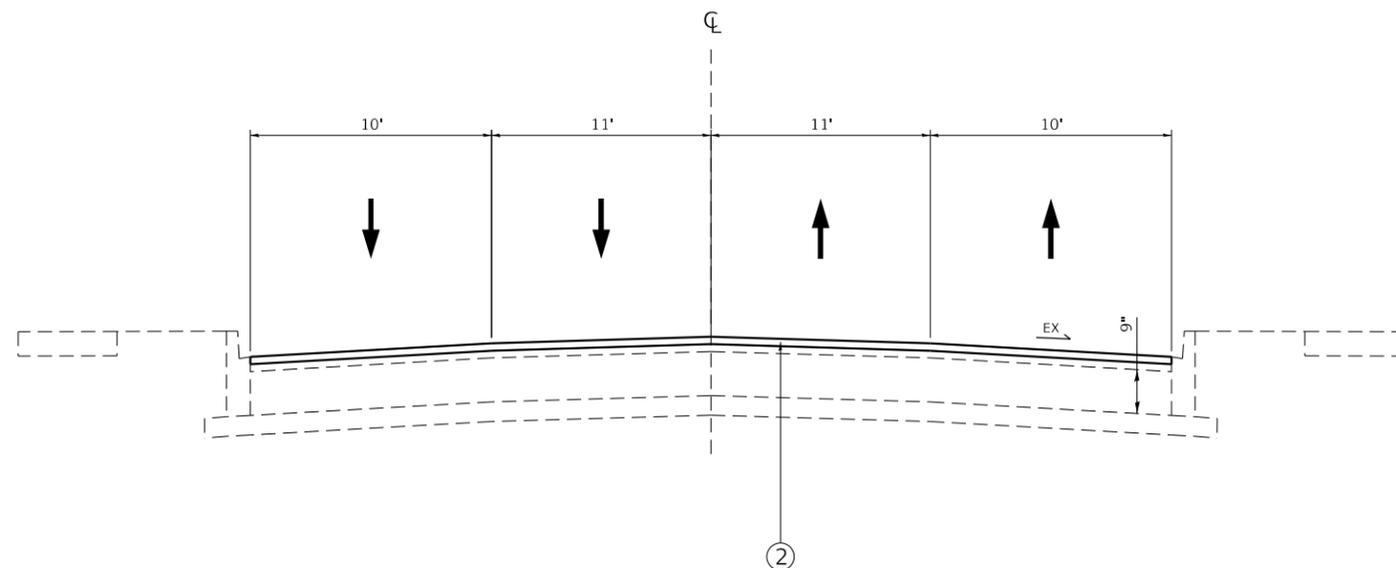
- Ⓐ EXISTING HMA PAVEMENT, 3"
- Ⓑ EXISTING PCC PAVEMENT, JOINTED
- Ⓒ EXISTING SUBBASE GRANULAR MATERIAL, 4"
- Ⓓ EXISTING HMA SHOULDER
- Ⓔ EXISTING AGGREGATE SHOULDER
- Ⓕ EXISTING CURB AND GUTTER
- Ⓖ EXISTING MEDIAN
- Ⓗ EXISTING SIDEWALK
- Ⓘ EXISTING GUARDRAIL

**LEGEND**

- ① PROPOSED HMA SURFACE REMOVAL, 1.5"
- ② PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
- ③ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- ④ MEDIAN REMOVAL
- ⑤ MEDIAN REMOVAL PARTIAL DEPTH
- ⑥ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
- ⑦ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑧ PROPOSED AGGREGATE SHOULDER, TYPE B, 2.5"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ REMOVE GUARDRAIL
- ⑪ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑫ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑬ PROPOSED HMA SHOULDER, 8"



EXISTING TYPICAL SECTION  
STA 20+37 TO STA 28+40  
STA 47+40 TO STA 72+40



PROPOSED TYPICAL SECTION  
STA 20+37 TO STA 28+40  
STA 47+40 TO STA 72+40

HOT MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
<b>HMA PAVEMENT AND SHOULDER SMART OVERLAY</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"	4% AT 70 GYR	QCP
<b>PCC PAVEMENT OVERLAY</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"	4% AT 70 GYR	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"	3.5% AT 50 GYR	QC/QA
<b>HMA SHOULDER 8"</b>		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1.5"	4% AT 70 GYR	QC/QA
HMA BINDER COURSE, IL-19.0, N70, 6.5"	4% AT 70 GYR	QC/QA
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% AT 70 GYR	QC/QA
LONGITUDINAL PARTIAL DEPTH PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

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

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

NOTE 4: THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.

NOTE 5: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE WHERE ONLY SURFACE IS PAVED AND OVER THE POLYMERIZED HMA BINDER COURSE IL-4.75 THROUGH THE PCC SEGMENT.

MODEL: Default  
FILE: \\hpc\p\pub\hpc\room\dat\illinois.gov\p\w\DOT\Documents\DOT\_Offices\Director\_1\Projects\ID151720\CADD\Drawings\151720-sh-ty-rpl-cal.dgn

USER NAME = rostkowskir	DESIGNED - RR	REVISED -
	DRAWN - RR	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/19/2020	DATE - 5/8/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS  
47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)

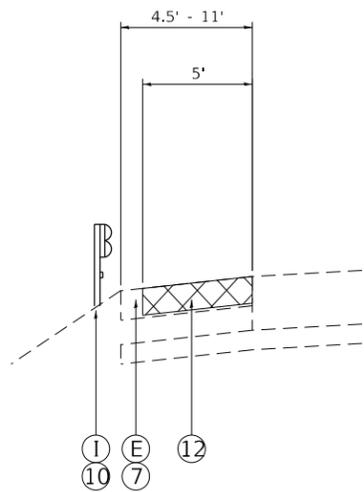
SCALE: NA SHEET 1 OF 2 SHEETS STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-RS-SW&BR	COOK	29	7
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				

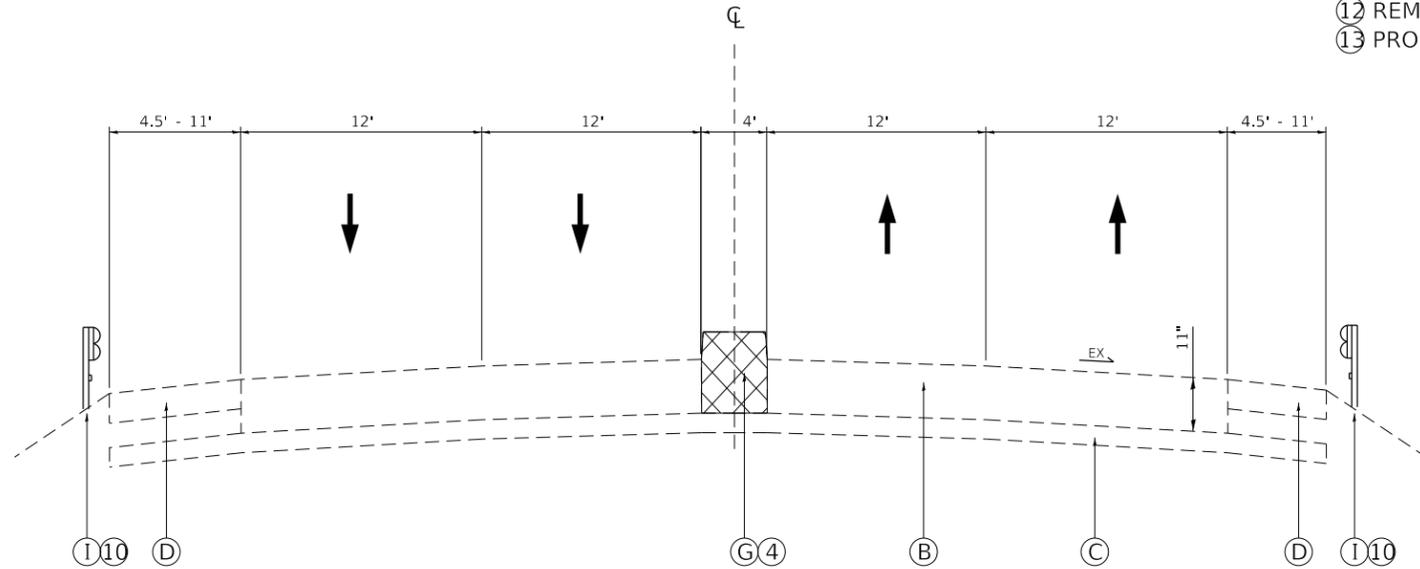
- Ⓐ EXISTING HMA PAVEMENT, 3"
- Ⓑ EXISTING PCC PAVEMENT, JOINTED
- Ⓒ EXISTING SUBBASE GRANULAR MATERIAL, 4"
- Ⓓ EXISTING HMA SHOULDER
- Ⓔ EXISTING AGGREGATE SHOULDER
- Ⓕ EXISTING CURB AND GUTTER
- Ⓖ EXISTING MEDIAN
- Ⓗ EXISTING SIDEWALK
- Ⓘ EXISTING GUARDRAIL

**LEGEND**

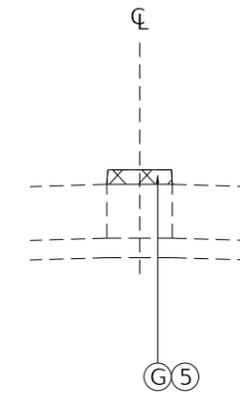
- ① PROPOSED HMA SURFACE REMOVAL, 1.5"
- ② PROPOSED HMA SURFACE COURSE, MIX D, IL-9.5, N70, 1.5"
- ③ PROPOSED POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 1"
- ④ MEDIAN REMOVAL
- ⑤ MEDIAN REMOVAL PARTIAL DEPTH
- ⑥ PROPOSED CONCRETE MEDIAN, TYPE SB-6.06
- ⑦ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑧ PROPOSED AGGREGATE SHOULDER, TYPE B, 2.5"
- ⑨ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑩ REMOVE GUARDRAIL
- ⑪ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑫ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑬ PROPOSED HMA SHOULDER, 8"



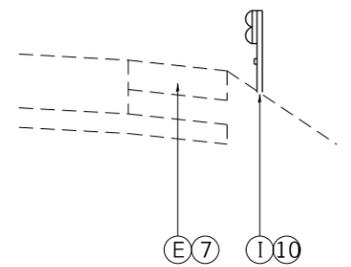
PROPOSED HMA SHOULDER  
LT STA 28+40 TO STA 34+92  
LT STA 45+86 TO STA 49+56



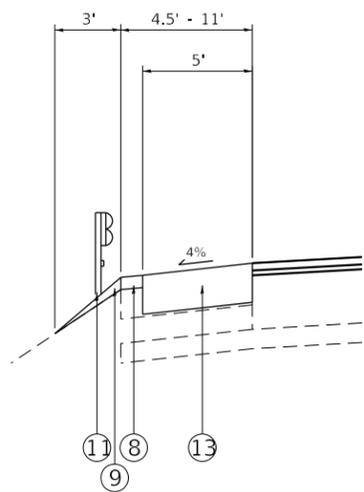
EXISTING TYPICAL SECTION  
STA 28+40 TO STA 36+55  
STA 42+24 TO STA 47+40



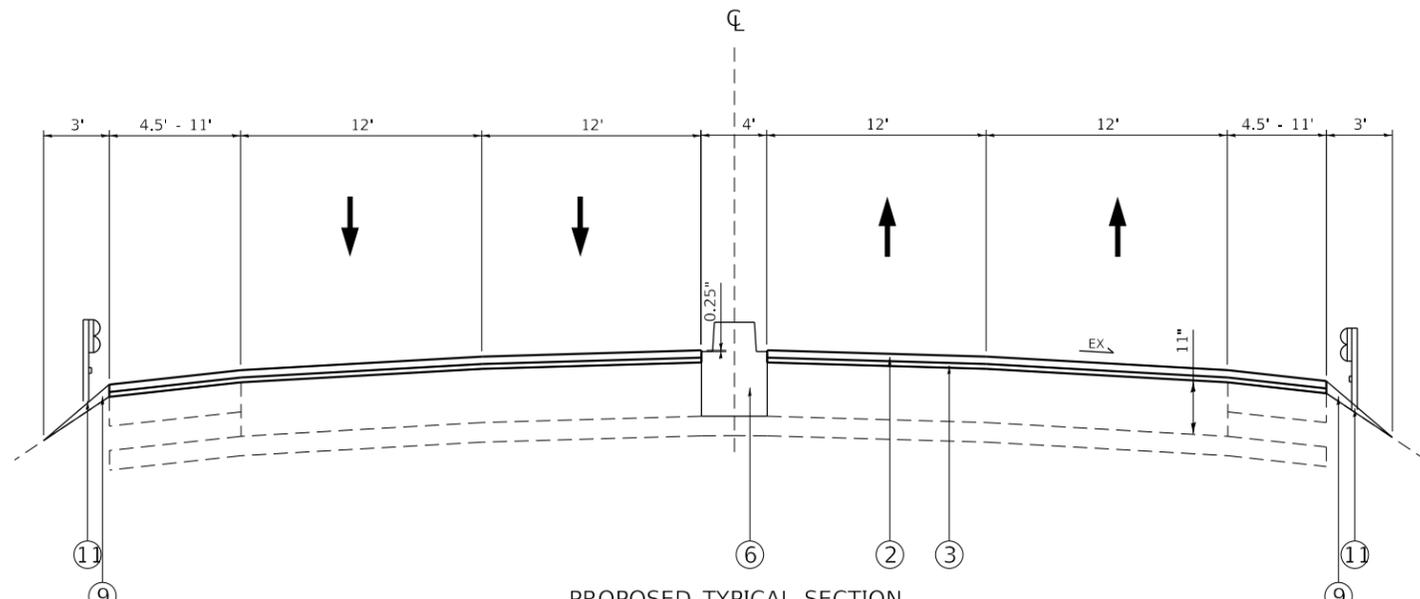
CORRUGATED MEDIAN REMOVAL  
IN AREAS OF EXISTING CORRUGATED MEDIAN  
STA 28+96 TO STA 31+94  
STA 45+35 TO STA 46+86



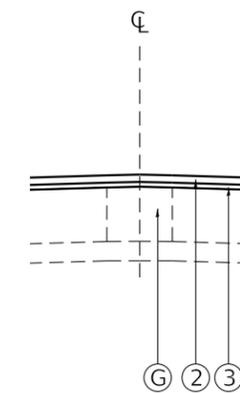
AREAS WITH ADJACENT  
AGGREGATE SHOULDER  
RT STA 28+40 TO STA 34+92



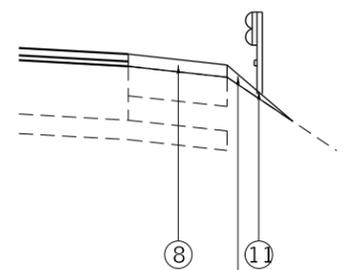
PROPOSED HMA SHOULDER  
LT STA 28+40 TO STA 34+92  
LT STA 45+86 TO STA 49+56



PROPOSED TYPICAL SECTION  
STA 28+40 TO STA 36+55  
STA 42+24 TO STA 47+40



CORRUGATED MEDIAN REMOVAL  
IN AREAS OF EXISTING CORRUGATED MEDIAN  
STA 28+96 TO STA 31+94  
STA 45+35 TO STA 46+86



AREAS WITH ADJACENT  
AGGREGATE SHOULDER  
RT STA 28+40 TO STA 34+92

MODEL: Default  
FILE: \\nas01c.pw.state.il.us\pub\harcourt\at\illinois.gov\PROJECTS\DOT\Documents\DOT\_Offices\District\_1\Projects\151720\CADD\Design\151720-sh-tyr-cal.dgn

USER NAME =	rostkowkir	DESIGNED -	REVISED -
DRAWN -	RR	CHECKED -	DW
PLOT SCALE =	100.0000' / in.	DATE -	5/8/2020
PLOT DATE =	5/8/2020	REVISIONS	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>			
<b>47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)</b>			
SCALE: NA	SHEET 2	OF 2 SHEETS	STA. - TO STA. -

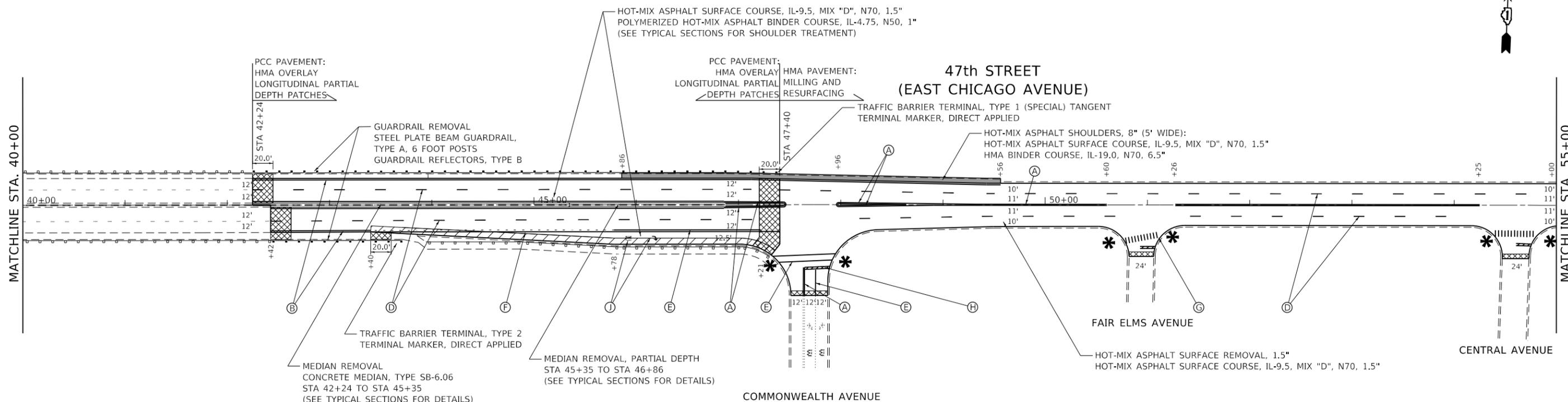
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-RS-SW&BR	COOK	29	8
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				





MATCHLINE STA. 40+00

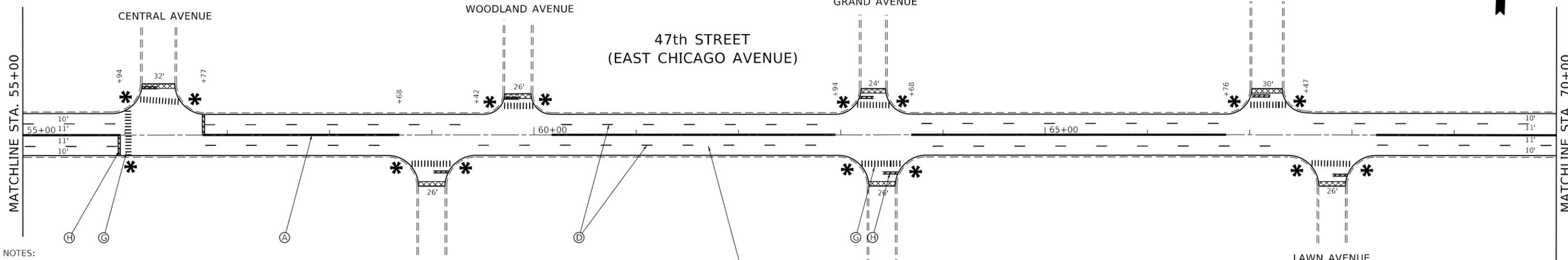
MATCHLINE STA. 55+00



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING, YELLOW, DOUBLE 4" SOLID, 11" C-C
- (B) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" SOLID
- (C) THERMOPLASTIC PAVEMENT MARKING, YELLOW, 4" SOLID
- (D) THERMOPLASTIC PAVEMENT MARKING, WHITE, 4" DASHED, 10' DASH 30' SKIP
- (E) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" SOLID
- (F) THERMOPLASTIC PAVEMENT MARKING, WHITE, 6" DASHED, 2' DASH, 6' SKIP
- (G) THERMOPLASTIC PAVEMENT MARKING, WHITE, 12" SOLID
- (H) THERMOPLASTIC PAVEMENT MARKING, WHITE, 24" SOLID
- (I) THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS

PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKINGS TO BE INSTALLED ACCORDING TO DISTRICT DETAILS TC-11 AND TC-13



- NOTES:
- SURFACE REMOVAL - BUTT JOINT (4.5' WIDE, TYP)
  - PCC SURFACE REMOVAL (VARIABLE DEPTH) (6.0' WIDE)
  - PROPOSED ADA SIDEWALK RAMP. SEE ADA DETAIL SHEETS

THE CONTRACTOR SHALL NOT DAMAGE EXISTING EXPANSION JOINTS ON THE APPROACH SLAB.

MODEL: Default  
FILE: 1488-R5-SW&PP-11220-CADDData\Design\151720-sh-cb1.dgn

USER NAME = rostkawskir	DESIGNED - RR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - RR	REVISED -
PLOT DATE = 6/19/2020	CHECKED - DW	REVISED -
	DATE - 5/8/2020	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN  
47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)

SCALE: 1"=50' SHEET 2 OF 3 SHEETS STA. 40+00 TO STA. 70+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	10
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				



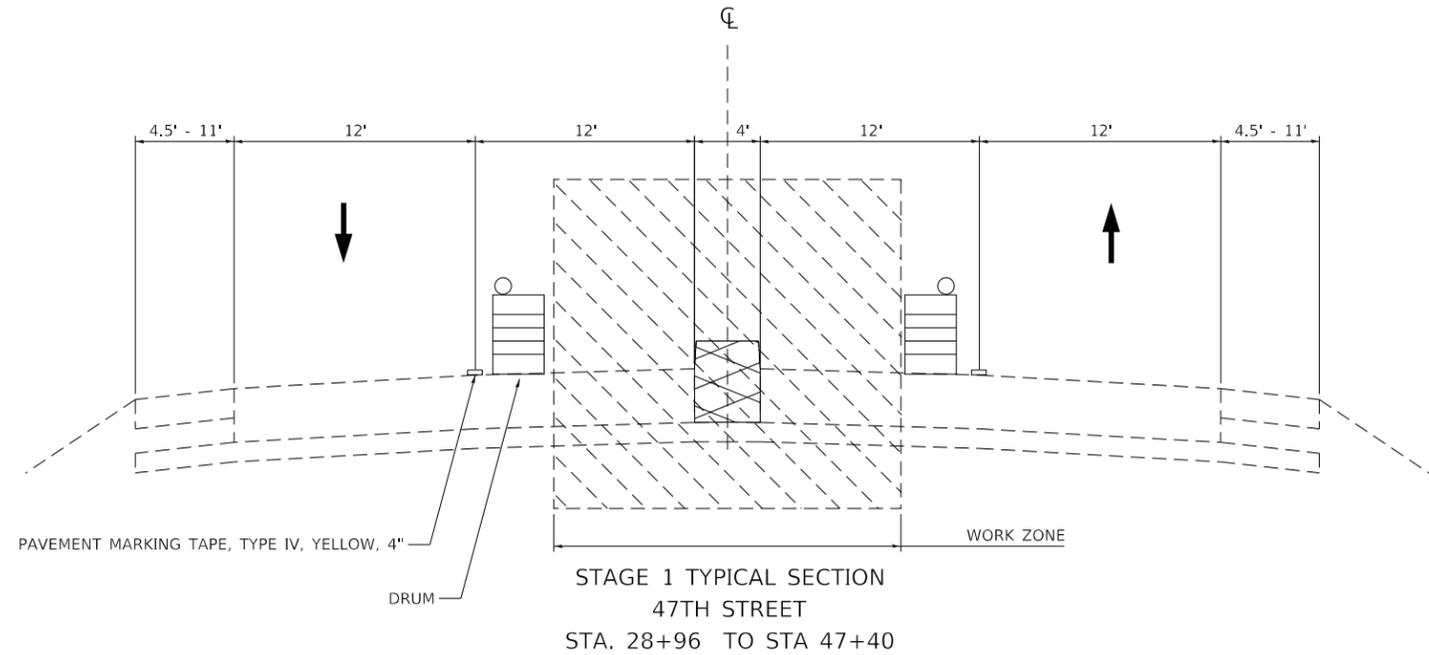
**SUGGESTED SEQUENCE OF CONSTRUCTION**

**STAGE 1**

REMOVE EXISTING MEDIAN IN PCC PAVEMENT AREAS AS SHOWN IN PLANS. CONSTRUCT NEW MEDIAN AT A HIGHER ELEVATION TO MATCH APPROPRIATELY THE PROPOSED HMA PAVEMENT OVERLAY SURFACE ELEVATION. SET UP TRAFFIC CONTROL AS SHOWN.

**STAGE 2**

COMPLETE RESURFACING WORK AS SHOWN IN PLANS. USE TYPICAL IDOT STANDARDS AND DETAILS TO ESTABLISH PROPER TRAFFIC CONTROL.



MODEL: Default  
 FILE: \\nashville.pva\pub\arooms\data\illinois.gov\PW\DOT\Documents\IDOT\_Offices\District\_1\Projects\ID151720\CADD\Drawings\ID151720-sh-47th-1.dgn

USER NAME = rostkowski	DESIGNED - RR	REVISED -
	DRAWN - RR	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DW	REVISED -
PLOT DATE = 6/19/2020	DATE - 5/8/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

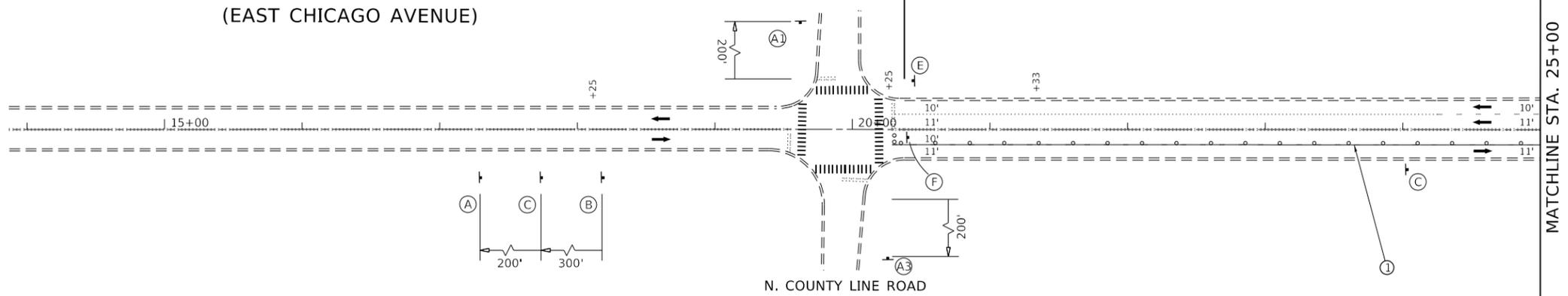
<b>SUGGESTED SEQUENCE OF CONSTRUCTION 47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)</b>			
SCALE: 1"=50'	SHEET 1	OF 1 SHEETS	STA. - TO STA. -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	12
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				

47th STREET  
(EAST CHICAGO AVENUE)

**PROJECT LIMIT**  
20 + 37.00

N. COUNTY LINE ROAD



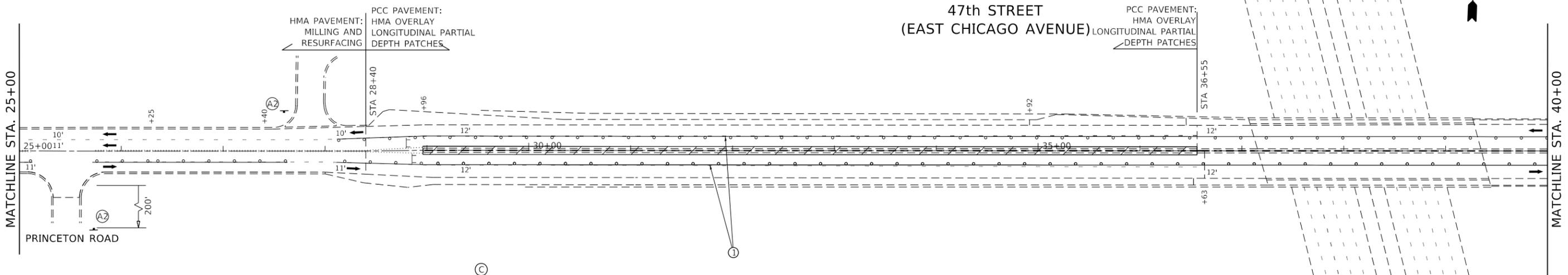
MATCHLINE STA. 25+00

**LEGEND**

- WORK AREA
- SIGNS
- TYPE III BARRICADES
- DRUMS OR BARRICADES SPACING (TYP):  
50' C-C TANGENTS  
20' C-C TAPERS  
10' C-C RADII
- TRAFFIC FLOW DIRECTION
- WORK ZONE PAVEMENT MARKINGS:**
- PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID

47th STREET  
(EAST CHICAGO AVENUE)

PCC PAVEMENT:  
HMA OVERLAY  
LONGITUDINAL PARTIAL  
DEPTH PATCHES



MATCHLINE STA. 40+00

- W20-1103(0)-48
- M6-1L(0)
- M6-1L(0)
- M6-1R(0)
- W21-1(0)-48
- W2-1115(0)-3618  
R2-1-3648  
R10-1108p-3618  
R2-1106p-3618
- G20-1103-6036
- R4-7A-3648
- W20-5(0)-48
- WI-6R(0)-6030  
ABOVE TYPE III BARRICADE
- W1-4R(0)-48

\* SIGN TO BE REMOVED WHEN WORKERS ARE NOT PRESENT FOR 1 HOUR OR MORE

USER NAME = rostkawski	DESIGNED - RR	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - RR	REVISED -
PLOT DATE = 6/19/2020	CHECKED - DW	REVISED -
	DATE - 5/8/2020	REVISED -

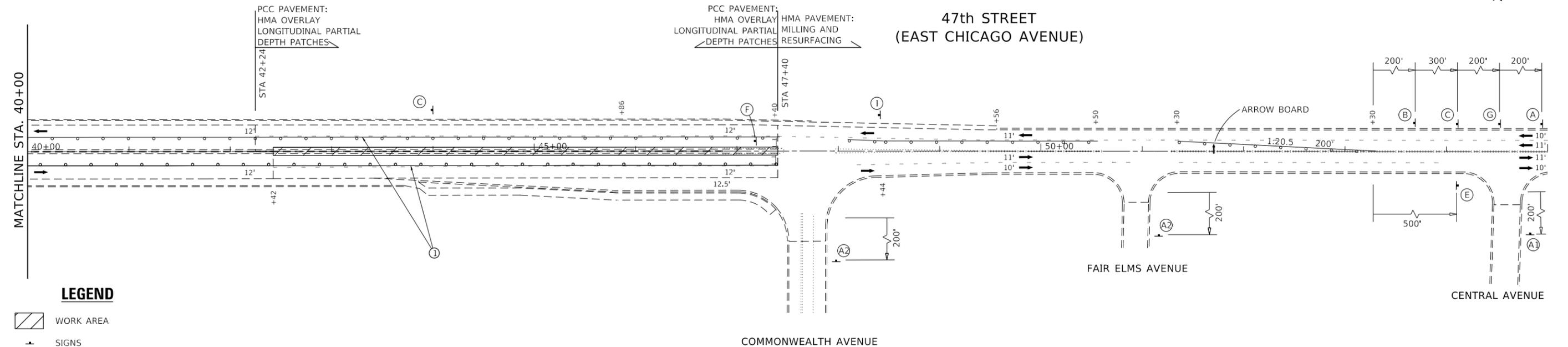
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED SEQUENCE OF CONSTRUCTION: STAGE 1**  
**47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)**

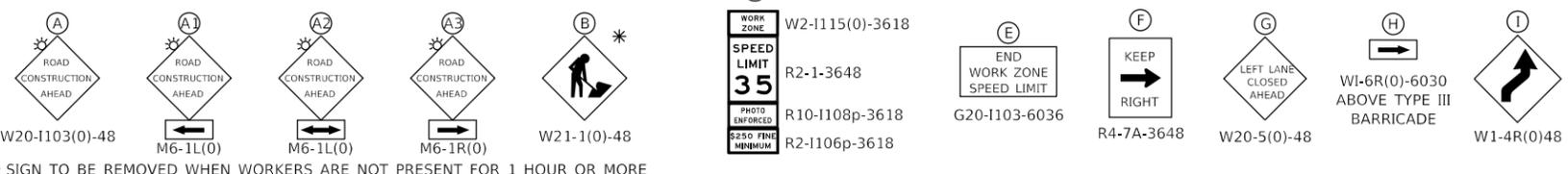
SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 18+00 TO STA. 40+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	13
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				

MODEL: Default FILE: \\nrcs\pub\baroncom.dta\illinois\gov\PIWDOT\Documents\DOT\_Offices\District\_1\Projects\151720\CADD\Design\151720-sh-cb1.dgn



- WORK AREA
- SIGNS
- TYPE III BARRICADES
- DRUMS OR BARRICADES SPACING (TYP):  
50' C-C TANGENTS  
20' C-C TAPERS  
10' C-C RADII
- TRAFFIC FLOW DIRECTION
- WORK ZONE PAVEMENT MARKINGS:**
- PAVEMENT MARKING TAPE, TYPE IV, YELLOW, 4" SOLID



MODEL: Default  
 FILE: \\blm1c1.pva\pub\arcom\dat\illinois.gov\PI\DOT\Documents\DOT\_Offices\District\_1\Projects\151720\CADD\Drawings\151720-eh-elb-1.dgn

USER NAME = rostkowskir	DESIGNED - RR	REVISED -
DRAWN - RR	REVISOR -	
PLOT SCALE = 100,0000 ' / in.	CHECKED - DW	REVISOR -
PLOT DATE = 6/19/2020	DATE - 5/8/2020	REVISOR -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED SEQUENCE OF CONSTRUCTION: STAGE 1**  
**47TH STREET (COUNTY LINE ROAD TO WOLF ROAD)**  
 SCALE: 1"=50' SHEET 2 OF 2 SHEETS STA. 40+00 TO STA. 55+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	14
CONTRACT NO. 62M20				
ILLINOIS FED. AID PROJECT				

# BLANK SHEET

MODEL: Default  
FILE: \\nas101.pw.state.il.us\pub\room\dat\illinois.gov\PW\DOT\Documents\DOT\_Offices\District\_1\Projects\151720\CADD\Drawings\151720-sh-detailed.dgn

USER NAME = rostkowski	DESIGNED - RR	REVISED -
	DRAWN - RR	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - DW	REVISED -
PLOT DATE = 5/8/2020	DATE - 4/24/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

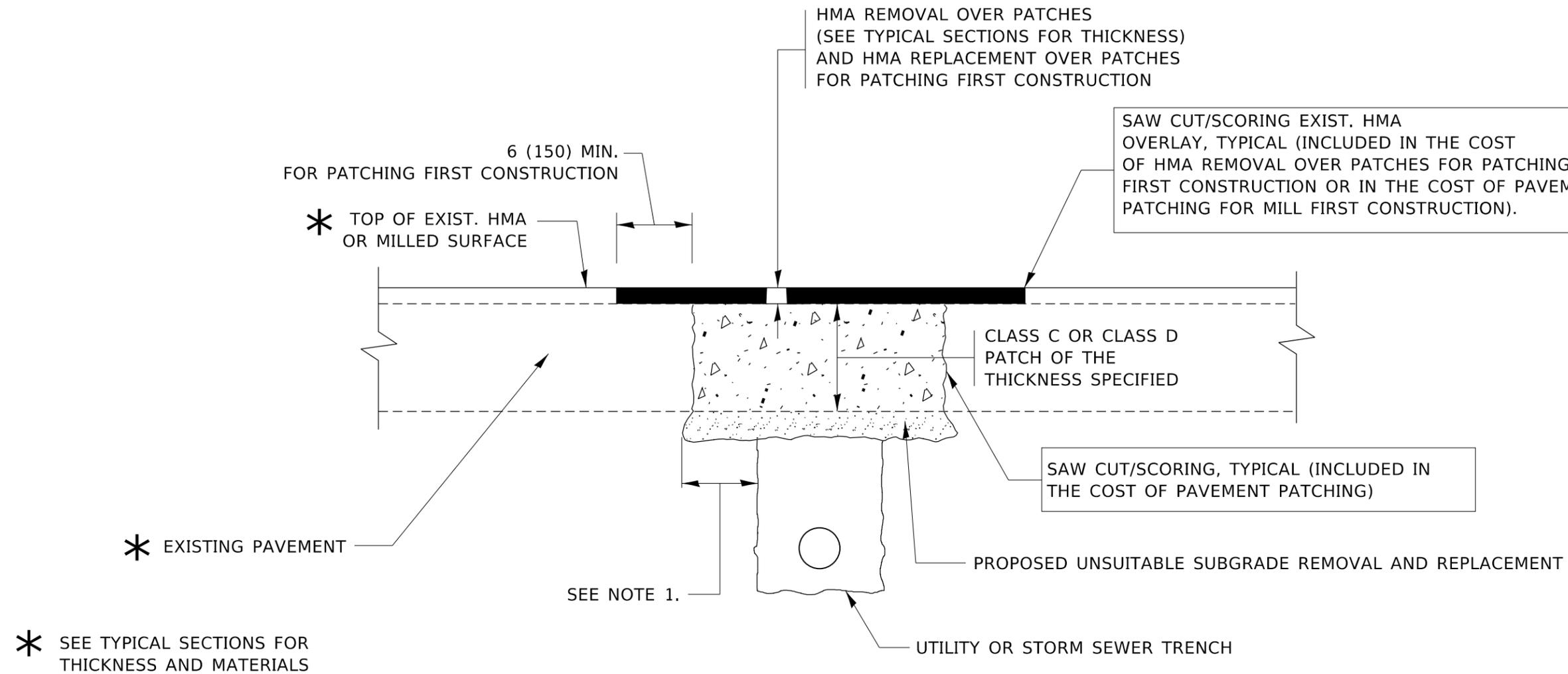
**DETECTOR LOOP REPLACEMENT SHEETS  
47TH STREET; COUNTY LINE ROAD TO WOLF ROAD**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	15
CONTRACT NO. 62M20				
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.

MODEL: Default  
FILE: hma148\_r5\_swg\_pp\pavementroom.dwg\illinois.gov\PWIDOT\Documents\DOT\_Offices\District 1\Projects\151720\CADD\Drawings\Design\DESIGN.dwg

USER NAME = rostkowski	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 5/8/2020	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.
1488	2020-148-R5-SWG/PP	COOK	29	18
<b>BD400-04 (BD-22)</b>		CONTRACT NO. 62M20		
ILLINOIS FED. AID PROJECT				

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE 2)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE 2)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

¼" (5) \*\*

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE 1).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

\* 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.

PROPOSED ¾" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USUABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE 3).

**NOTE:**

- SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.  
SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED.
- CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

**BASIS OF PAYMENT**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

**CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

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

MODEL: Default  
FILE: \\hpc\p\pub\hpc\com\dat\illinois\pwr\p\DOT\Documents\DOT\_Offices\District\_1\Projects\151720\CADD\Drawings\Design\DES-24.dgn

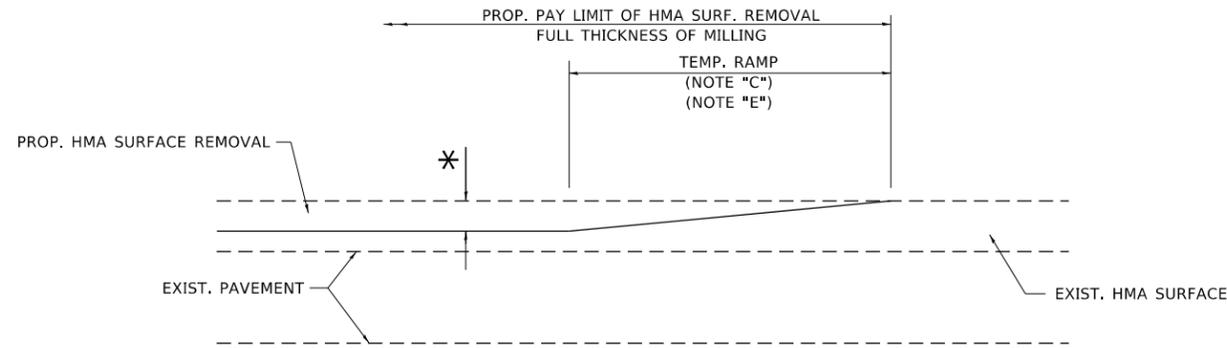
USER NAME = rostkawskir	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 01-22-01
PLOT DATE = 5/8/2020	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT

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

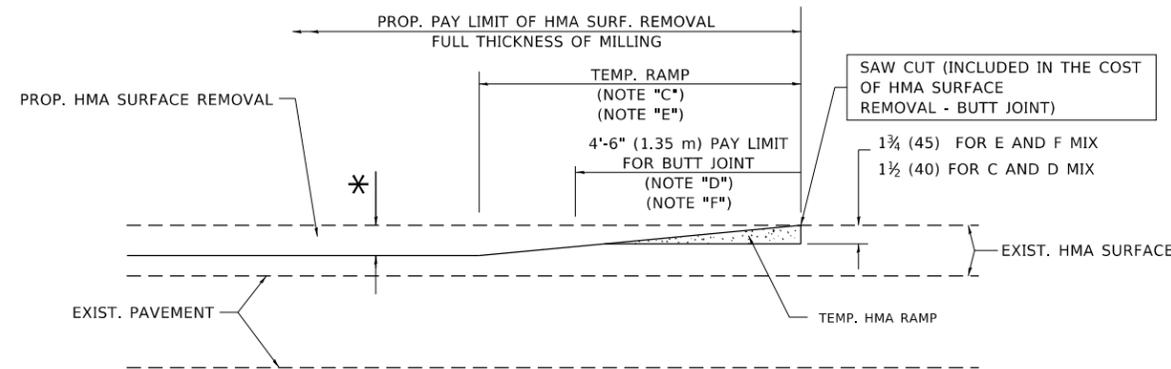
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	19
BD600-06 (BD-24)		CONTRACT NO. 62M20		
ILLINOIS FED. AID PROJECT				



**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

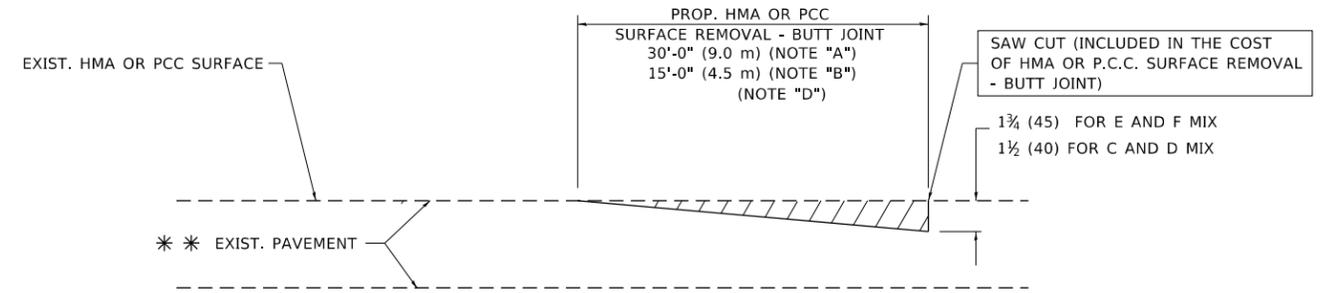


**HMA CONSTRUCTED TEMPORARY RAMP**

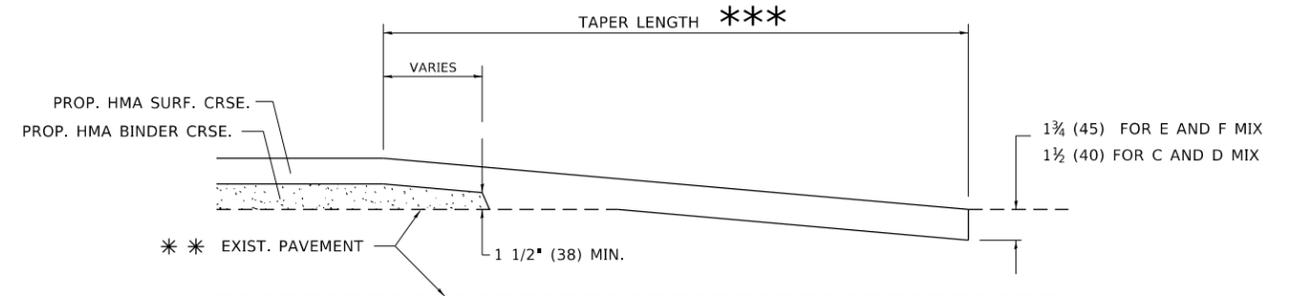
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**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.

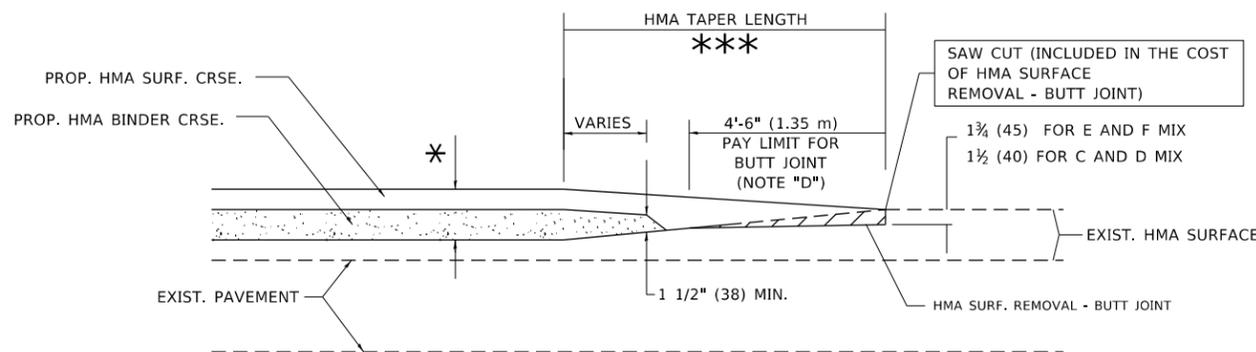
**NOTES**

- 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**

MODEL: Default  
FILE: \\hpc\p\pub\hpc\room\dat\illinois\pcc\RWIDOT\Documents\IBDOT\_Offices\Bartlett\_1\Projects\151720\CADD\Bartlett\Design\BIS\54.dgn

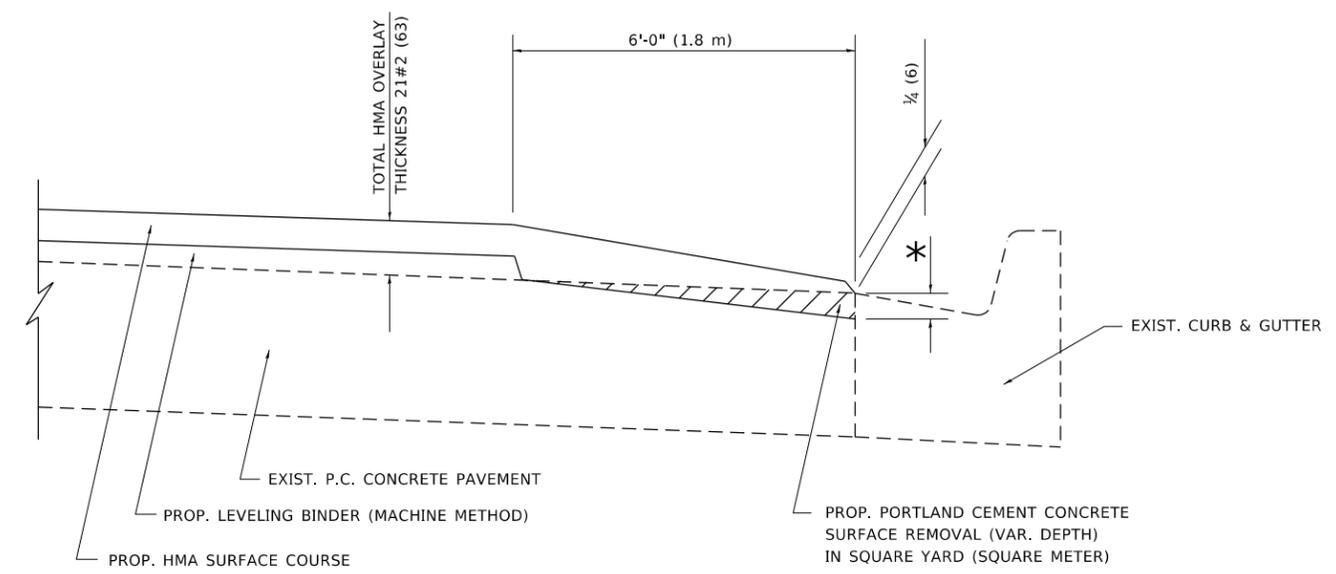
USER NAME = rostkowski	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 5/8/2020	DATE - 06-13-90	REVISED - R.BORO 01-01-07

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.
1488	2020-148-R5-SW&PP	COOK	29	20
BD400-05 BD32		CONTRACT NO. 62M20		
ILLINOIS FED. AID PROJECT				



**HMA TAPER AT  
EDGE OF P.C.C. PAVEMENT**

HMA SURFACE	LEVELING BINDER	MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
C OR D	1 1/2 (38)	1	(25)	1 1/4 (33)	
E	1 3/4 (44)	3/4	(19)	1 1/2 (38)	

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

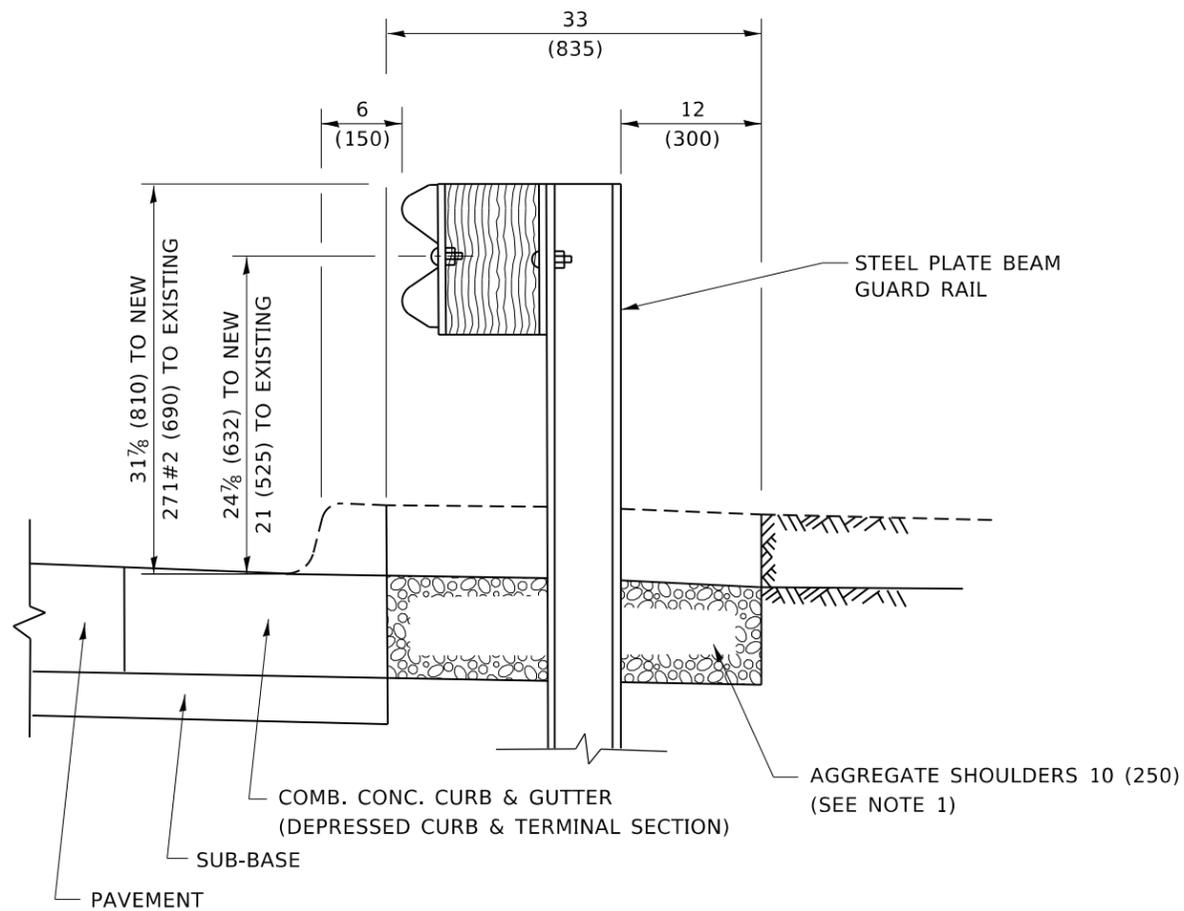
MODEL: Default  
FILE: Model - PavingPlanroom.dwg  
I:\Projects\151720\CADD\Drawings\Design\Drawings.dgn

USER NAME = rostkowski	DESIGNED - R. SHAH	REVISED - A. ABBAS 05-05-9
	DRAWN - JIS	REVISED - E. GOMEZ 12-21-00
PLOT SCALE = 100.0000' / in.	CHECKED - A. ABBAS	REVISED - R. BORO 01-01-07
PLOT DATE = 5/8/2020	DATE - 09-10-94	REVISED - JP CHANG 07-08-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>HMA TAPER AT EDGE OF P.C.C. PAVEMENT</b>			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	21
<b>BD400-06 (BD33)</b>		CONTRACT NO. 62M20		
ILLINOIS FED. AID PROJECT				



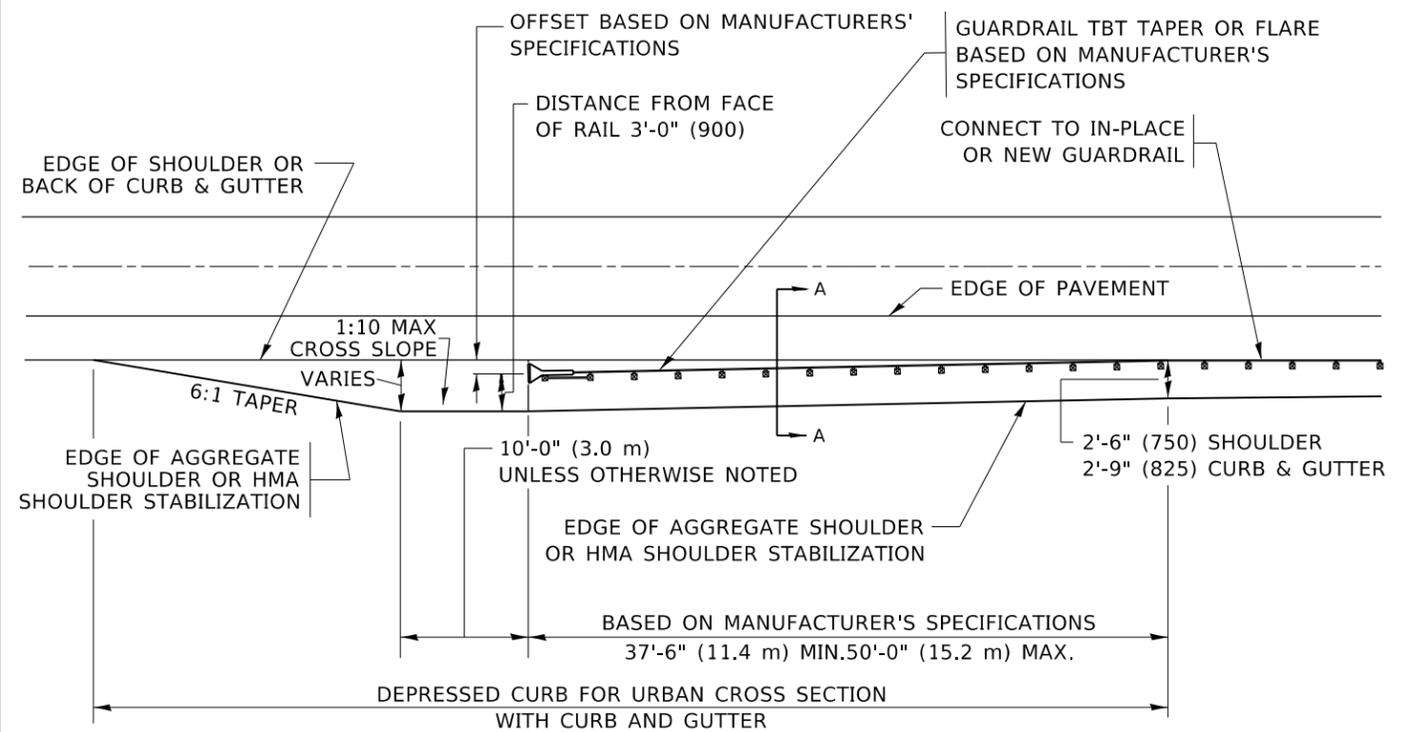
**SECTION A-A**

**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.

MODEL: Default  
FILE: \\harcis-prod\pub\harcis\dot\illinois\gov\pww\DOT\Documents\DOT\_Offices\Illinois\1720\Cadd\Drawings\Design\DESIGN.dgn

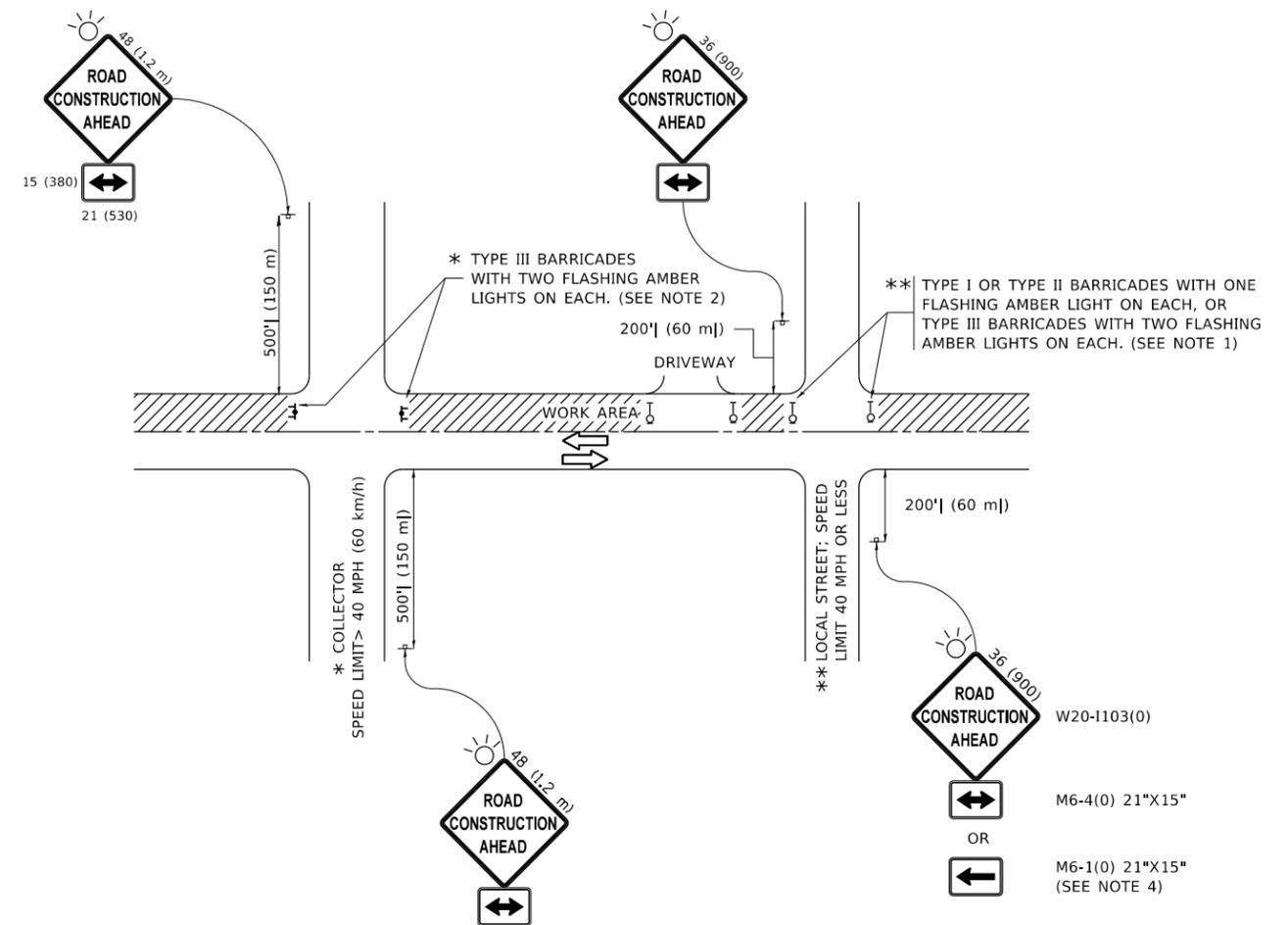
USER NAME = rostkawski	DESIGNED - M. DE YONG	REVISED - R. BORO 12-08-2008
	DRAWN -	REVISED - R. BORO 09-14-2009
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 08-06-2012
PLOT DATE = 5/8/2020	DATE - 09-22-90	REVISED - R. BORO 05-08-2015

**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.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	22
<b>BD600-10 (BD 34)</b>		CONTRACT NO. 62M20		
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) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

MODEL: Default  
FILE: \\nas01c.psu.edu\pub\harron\m.dar\illinois.gov\PIWDOT\Documents\DOT\_Offices\Director\_1\Projects\151720\CADD\Drawings\Design\DESIGN.dgn

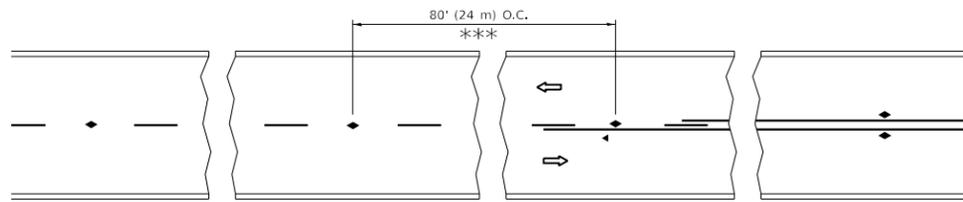
USER NAME = rostkowski	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 5/8/2020	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

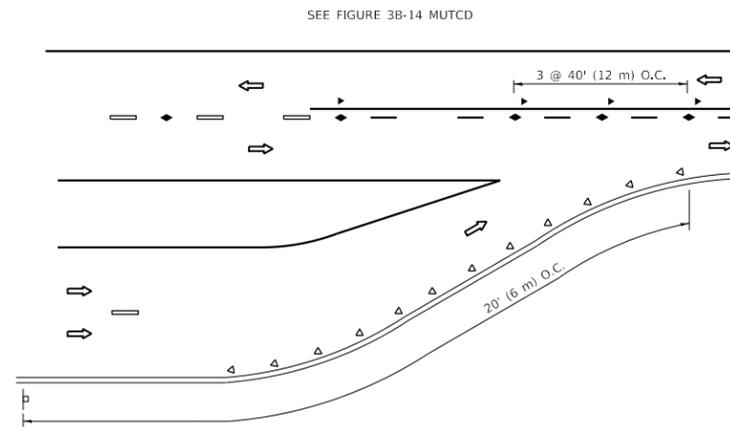
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	23
<b>TC-10</b>			CONTRACT NO. 62M20	
ILLINOIS FED. AID PROJECT				

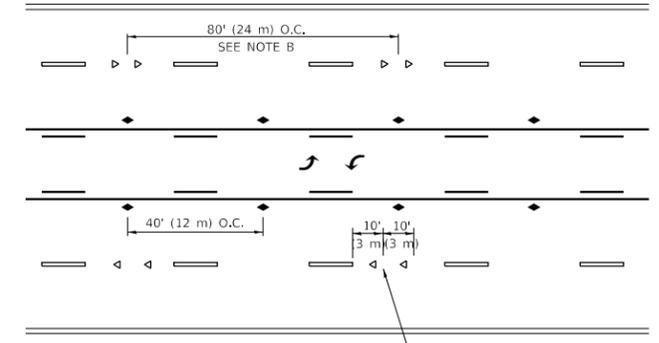


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

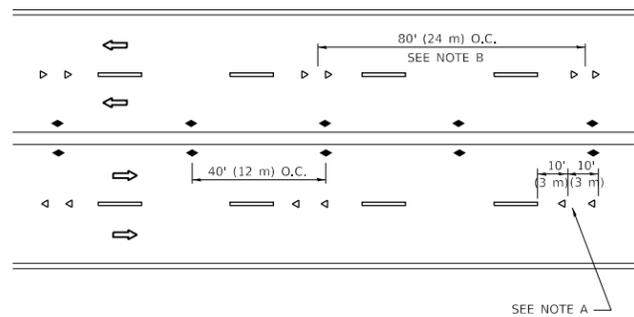
**TWO-LANE/TWO-WAY**



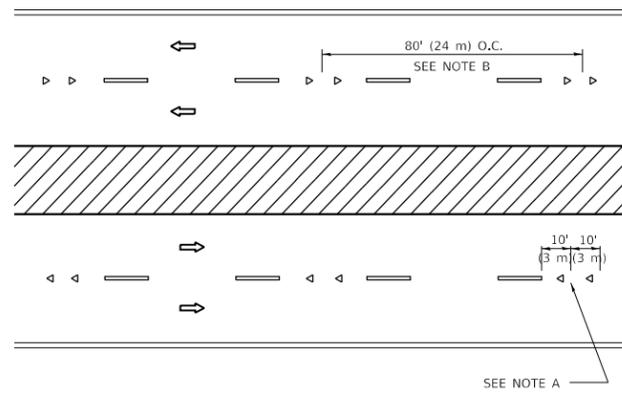
**LANE REDUCTION TRANSITION**



**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**

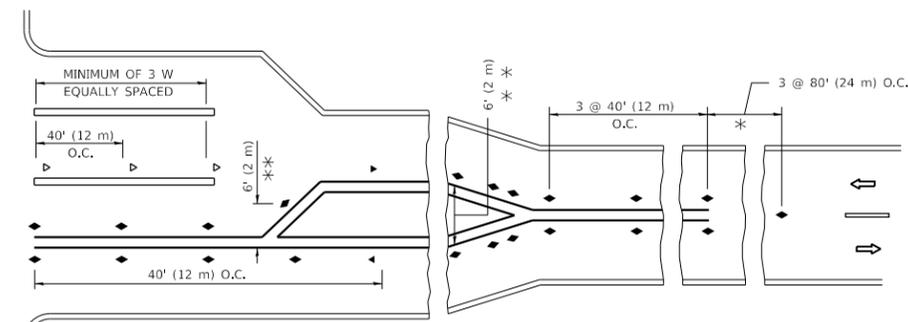
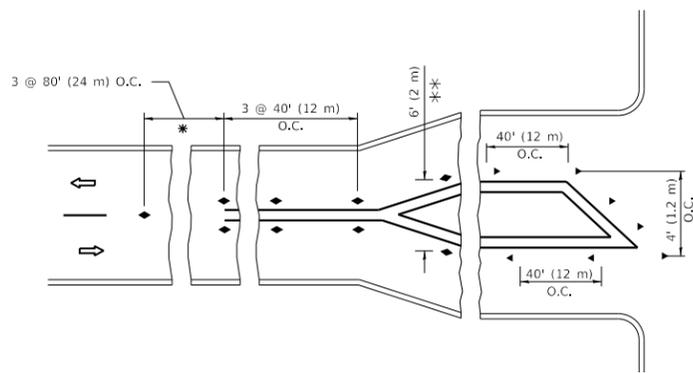
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**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.

MODEL: Default  
 FILE: \\blm01c-pub\pubroom\dat\illinois.gov\PIWDOT\Documents\DOT\_Offices\Director\_1\Projects\151720\CADD\Drawings\Design\DES\54.dgn

USER NAME = rostkowskir	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 5/8/2020	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

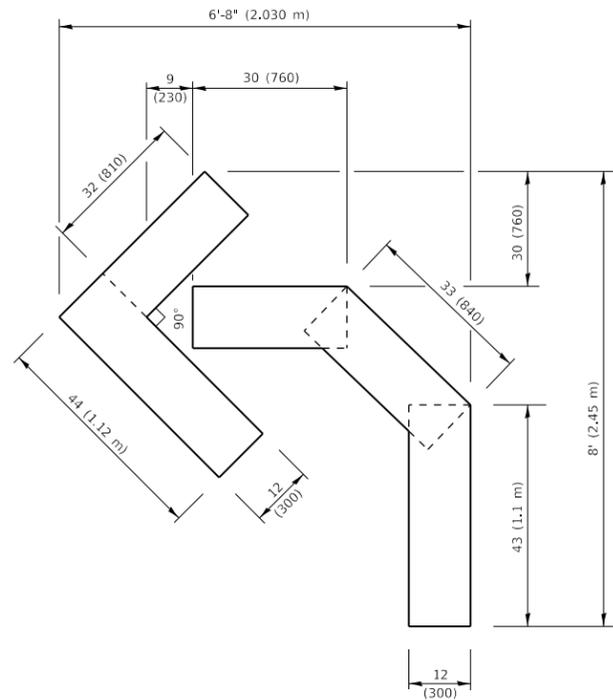
**TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	24
TC-11			CONTRACT NO. 62M20	
ILLINOIS		FED. AID PROJECT		

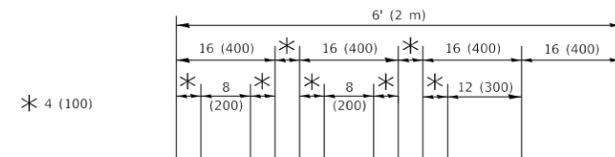






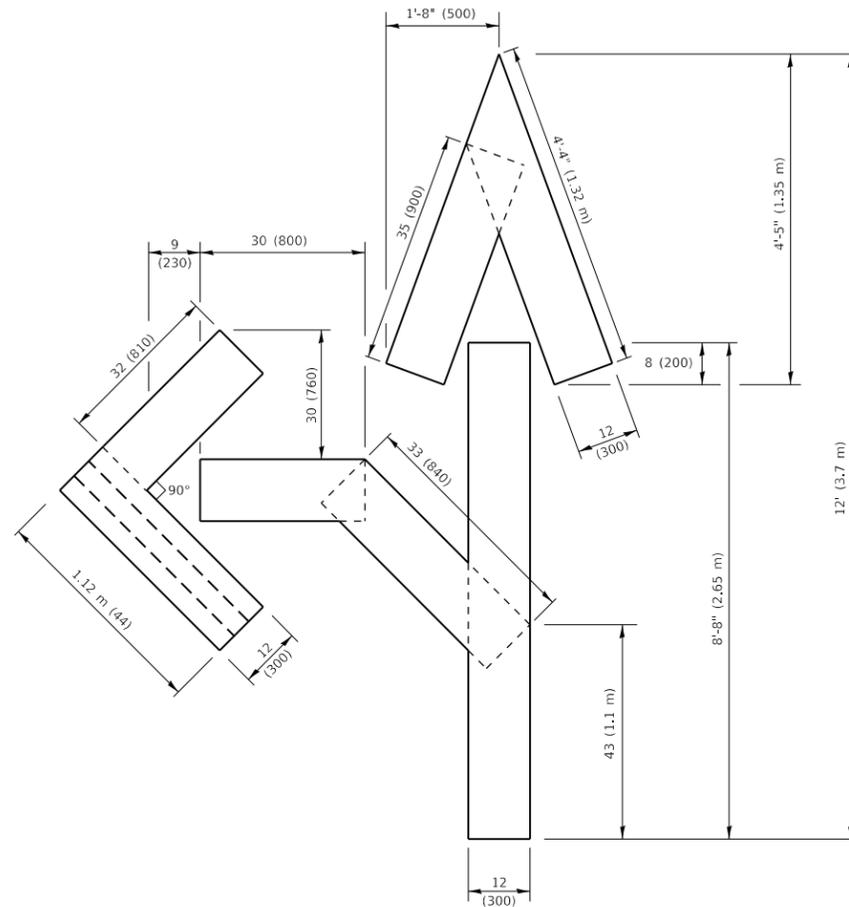
**QUANTITY**

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)

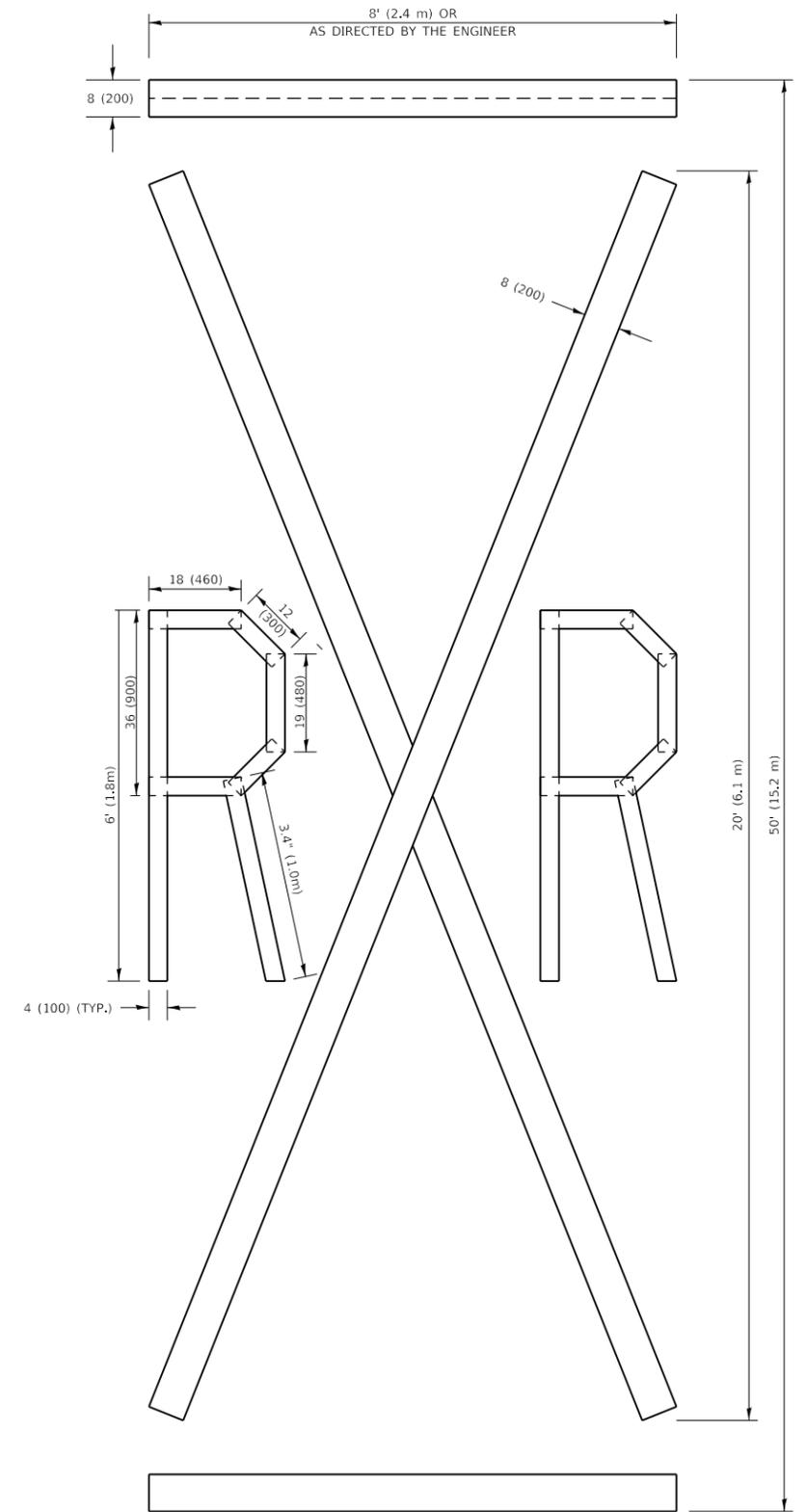


**QUANTITY**

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.

MODEL: Default  
FILE: A:\a11\p148\148-R5-SW&PP\DOT Documents\DOT Office\Drawings\1\Projects\151720\CADD\Drawings\Design\DRS\4.dgn

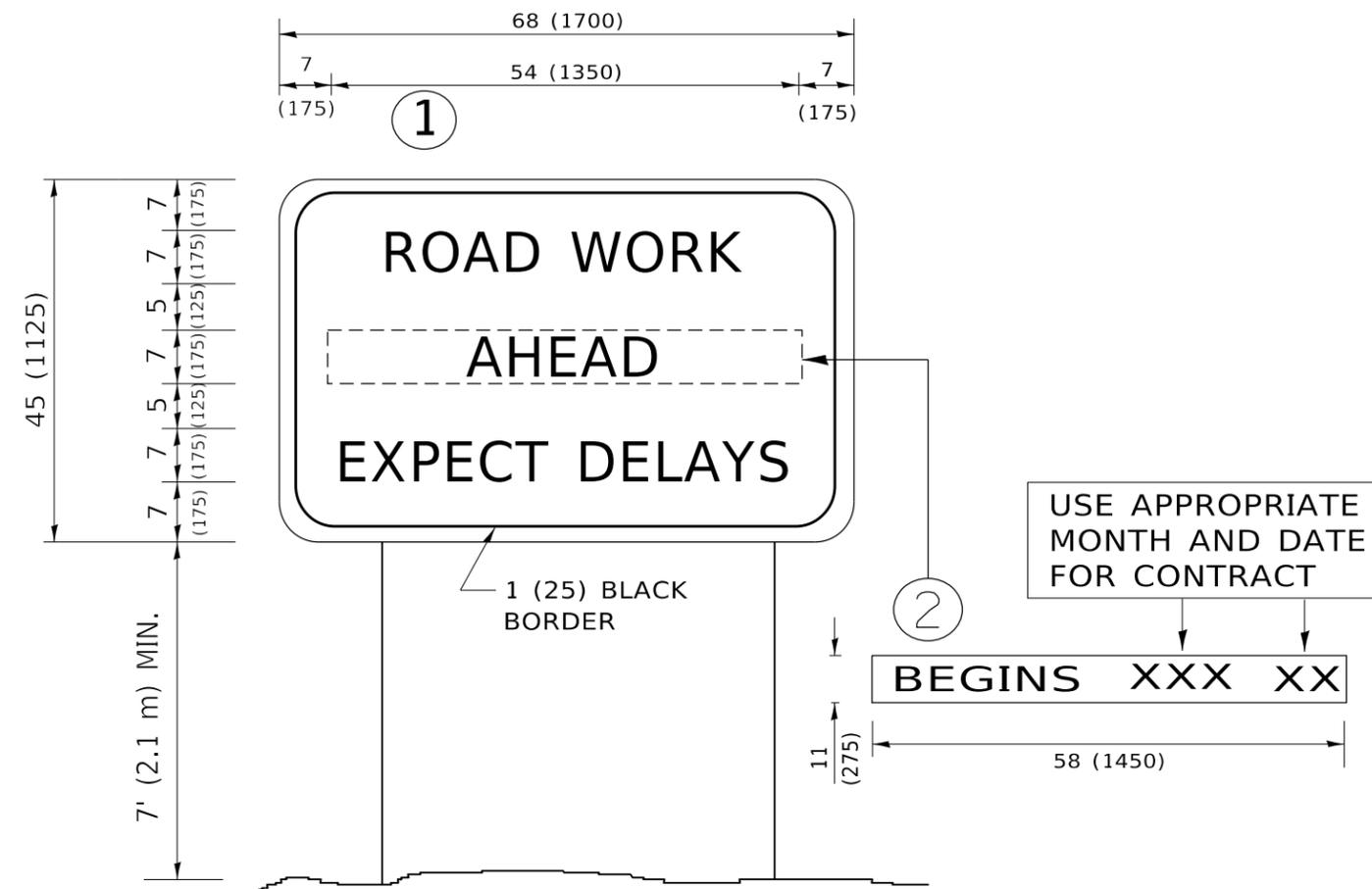
USER NAME = rostkowski	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 5/8/2020	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	26
<b>TC-16</b>		CONTRACT NO. 62M20		
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  
 FILE: \\nas01c.psu.edu\lanroom\data\illinois.gov\PWIDOT\Documents\DOT\_Offices\Director\_1\Projects\151720\CADD\Design\Design\DRS\4.dgn

USER NAME = rostkowski	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 = 5/8/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

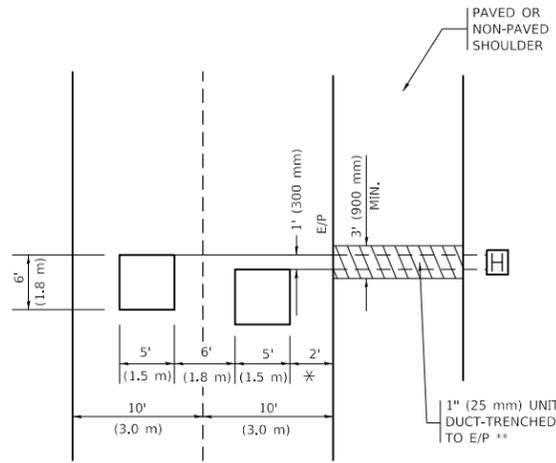
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	27
<b>TC-22</b>			CONTRACT NO. 62M20	
ILLINOIS FED. AID PROJECT				



**LOOPS NEXT TO SHOULDERS**

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.

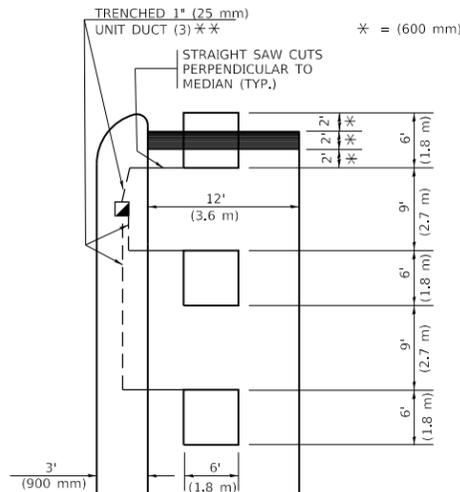


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

**LEFT TURN LANES WITH MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.

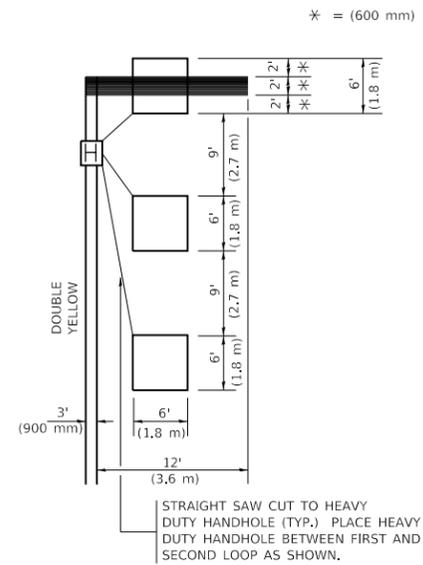


\* = (600 mm)

\*\* UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**LEFT TURN LANES WITHOUT MEDIANS**  
**VOLUME DENSITY ("FAR OUT" DETECTION)**  
**ON SAME APPROACH**  
**(PROTECTED / PERMITTED LEFT TURN PHASING)**



\* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

- \* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- \* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- \* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- \* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- \* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- \* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

**PLACEMENT OF DETECTORS**

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

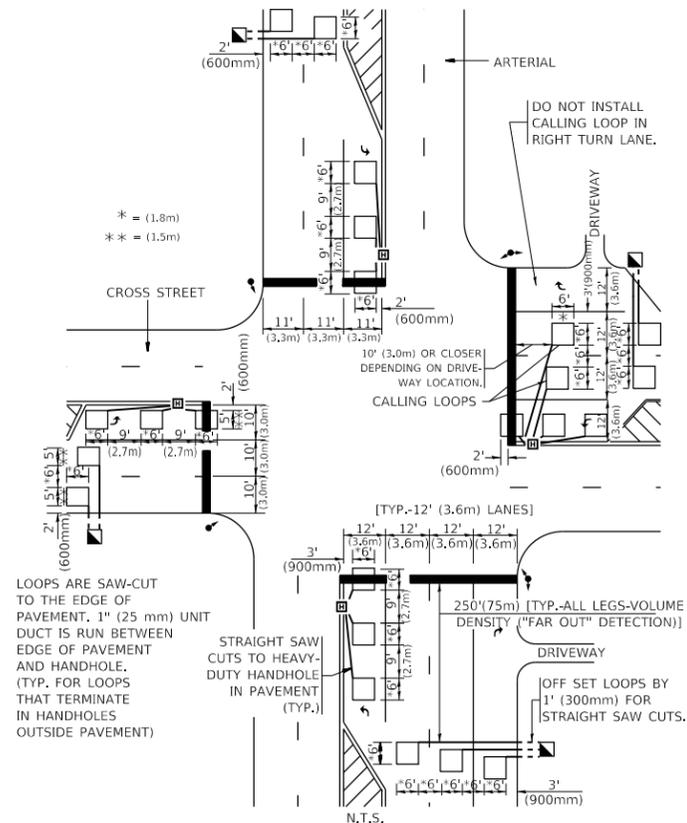
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

**NOTE:**

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

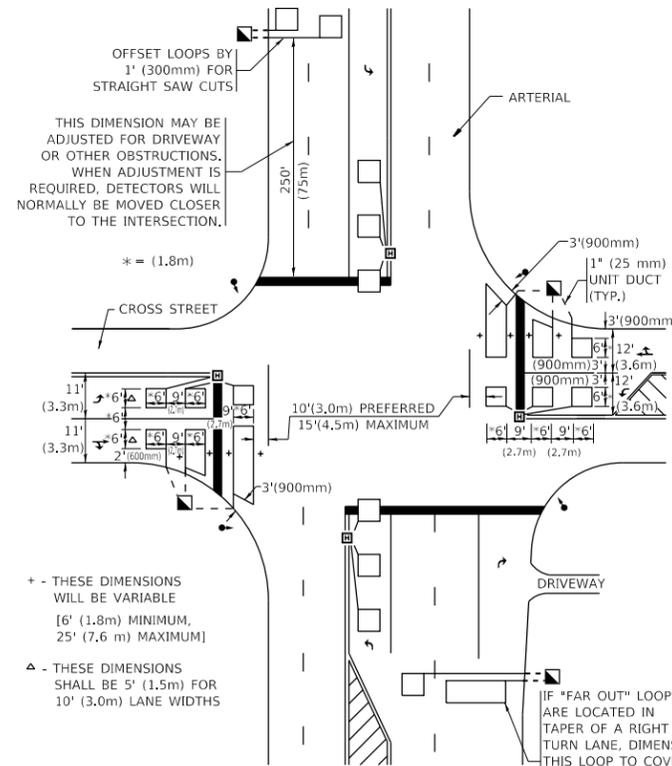
**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)**



\* = (1.8m)  
 \*\* = (1.5m)

**DETAIL 1**  
 N.T.S.

**ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)**  
**CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)**



+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

**DETAIL 2**  
 N.T.S.

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**DISTRICT 1 - DETECTOR LOOP INSTALLATION**  
**DETAILS FOR ROADWAY RESURFACING**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1488	2020-148-R5-SW&PP	COOK	29	29
TS-07		CONTRACT NO. 62M20		
ILLINOIS		FED. AID PROJECT		