

**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. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
5. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
6. THE RESIDENT ENGINEER SHALL CONTACT THE EXPRESSWAY FIELD ENGINEER AT 847-705-4155 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
8. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD, FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES 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. THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS WHEN USING ARTIFICIAL LIGHTING DURING NIGHT OPERATIONS TO PREVENT ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
10. THE ALIGNMENTS AND SUPPORTING DATA SHOWN IN THE PLANS IS FOR REFERENCE PURPOSES ONLY. THE RELATIVE ACCURACY OF THE INFORMATION IS UNKNOWN AND CANNOT BE GUARANTEED. THE CONTRACTOR MAY BE REQUESTED TO ADJUST LAYOUT TO MATCH ACTUAL FIELD CONDITIONS AND THE INTENT OF THE PLANS.
11. NO MATERIAL SHOULD BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
12. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO THE ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
13. MILLING AND RESURFACING OPERATIONS SHALL BE COMPLETED PRIOR TO THE INSTALLATION OF PROPOSED SHOULDER RUMBLE STRIPS.
14. SHOULDER RUMBLE STRIPS SHALL BE OMITTED WHEN CROSSING EXISTING DRAINAGE STRUCTURES, EXISTING PAVEMENT MARKINGS, AND LOCATIONS OF EXISTING SHOULDER RUMBLE STRIPS.
15. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT AT NO ADDITIONAL COST TO THE DEPARTMENT.
16. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH THE DISTRICT ONE DETAIL TC-11 "RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" AND TC-12 "MULTI-LANE FREEWAY PAVEMENT MARKINGS DETAILS".
17. ALL PAVEMENT PATCHING LOCATIONS WILL BE AS SHOWN ON THE PLANS AND AS DETERMINED IN THE FIELD BY THE ENGINEER.
18. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE AS SHOWN ON THE PLANS AND AS DETERMINED IN THE FIELD BY THE ENGINEER.
19. 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 IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

**GENERAL NOTES (CONT.)**

20. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE DISTRICT ONE DETAIL BD-32 "BUTT JOINTS AND HMA TAPER" INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
21. ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS, AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLANS.
22. ALL EXCESS MATERIAL (BROKEN CONCRETE, CULVERT PIPE, WASTE ROADWAY EXCAVATION, SURPLUS MATERIAL FROM SEWER TRENCHIES, ETC.) SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SELECT DUMP SITES AND OBTAIN PERMISSION AND ALL NECESSARY PERMITS TO USE SUCH DUMP SITES, PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
23. 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.
24. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED, ANY DAMAGE DONE TO THE EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.
25. THE CONTRACTOR SHALL REPORT CLEARANCES UNDER BRIDGES BEFORE AND AFTER PROPOSED RESURFACING, AND NOTIFY THE ENGINEER OF ANY CHANGES.
26. THE CONTRACTOR SHALL CONTACT THE CHICAGO DEPARTMENT OF TRANSPORTATION (CDOT) PROJECT COORDINATION OFFICE AT KRYBALTOWSKI@CDOTUTILITYPMO.ORG A MINIMUM OF 2 WEEKS IN ADVANCE OF BEGINNING WORK IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS.
27. THE CONTRACTOR SHALL CONTACT THE CHICAGO TRANSIT AUTHORITY (CTA) TRAFFIC PLANNING AT JCHALABIAN@TRANSITCHICAGO.COM A MINIMUM OF TWO WEEKS IN ADVANCE OF BEGINNING WORK IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS.



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REV. 4-11-20

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>USER NAME = RGal</td> <td>DESIGNED - RG</td> <td>REVISED - - 04/08/2020 RG</td> </tr> <tr> <td></td> <td>DRAWN - CS/JB</td> <td>REVISED -</td> </tr> <tr> <td>PLOT SCALE = 100,0000 ' / in.</td> <td>CHECKED - JH</td> <td>REVISED -</td> </tr> <tr> <td>PLOT DATE = 4/7/2020</td> <td>DATE - 03/10/2020</td> <td>REVISED -</td> </tr> </table>	USER NAME = RGal	DESIGNED - RG	REVISED - - 04/08/2020 RG		DRAWN - CS/JB	REVISED -	PLOT SCALE = 100,0000 ' / in.	CHECKED - JH	REVISED -	PLOT DATE = 4/7/2020	DATE - 03/10/2020	REVISED -	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.I RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>90</td> <td>2019-082-RS&amp;T</td> <td>COOK</td> <td>119</td> <td>3</td> </tr> <tr> <td colspan="5" style="text-align: center;">CONTRACT NO. 62J59</td> </tr> </table>	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	90	2019-082-RS&T	COOK	119	3	CONTRACT NO. 62J59					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>SCALE: 1"=50'</td> <td>SHEET OF SHEETS</td> <td>STA. TO STA.</td> </tr> </table>	SCALE: 1"=50'	SHEET OF SHEETS	STA. TO STA.
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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	100% STATE
				ROADWAY 0005	ROADWAY 0005
20200100	EARTH EXCAVATION	CU YD	150	150	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	115	115	
20800150	TRENCH BACKFILL	CU YD	326	326	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	900	900	
21301060	EXPLORATION TRENCH 60" DEPTH	FOOT	300	300	
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	23	23	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23	
25100630	EROSION CONTROL BLANKET	SQ YD	932	932	
28100107	STONE RIPRAP, CLASS A4	SQ YD	52	52	
28200200	FILTER FABRIC	SQ YD	70	70	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	169240	169240	
40600400	MIXTURES FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	100	100	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	326	326	



△ REV. 4-11-2020

\* DENOTES SPECIAL PROVISION REQUIRED  
 \*\* DENOTES SPECIALTY ITEM

REV-SEP

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	DATE - 10/5/19	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES  
 I-90 (IL. RTE. 43 - I-94)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2019-082-RS&T	COOK	119	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J59	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	100% STATE
				ROADWAY 0005	ROADWAY 0005
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	20	20	
60261510	INLETS TO BE ADJUSTED WITH NEW TYPE 20 FRAME AND GRATE	EACH	20	20	
60500050	REMOVING CATCH BASINS	EACH	1	1	
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	137.5	137.5	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	
63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1	1	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1	1	
63200310	GUARDRAIL REMOVAL	FOOT	50	50	
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	5	5	
63500105	DELINEATORS	EACH	288	288	
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	59503	59503	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24	
67100100	MOBILIZATION	L SUM	1	1	
** 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	300	300	



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2019-082-RS&T	COOK	119	9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J59	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	100% STATE
				ROADWAY 0005	ROADWAY 0005
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	4	
					△
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20	20	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	360	360	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	454	454	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	70478	70478	
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	38047	38047	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8350	8350	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	27775	27775	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	7666	7666	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	174	174	
70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	1817	1817	
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	443276	443276	△

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES  
I-90 (IL. RTE. 43 - I-94)

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

F A I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2019-082-RS&T	COOK	119	10
			CONTRACT NO. 62J59	
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	100% STATE
				ROADWAY 0005	ROADWAY 0005
* 70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	151660	151660	
* 70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	149060	149060	
* 70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	26770	26770	⚠
70400100	TEMPORARY CONCRETE BARRIER	FOOT	8350	8350	
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	7125	7125	
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	16	16	
70600290	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE,WIDE), TEST LEVEL 3	EACH	2	2	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	16	16	
72000200	SIGN PANEL - TYPE 2	SQ FT	59	59	
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	32	32	
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1	
72900100	METAL POST - TYPE A	FOOT	162	162	
** 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	454	454	
** 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	70478	70478	

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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J59	

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE	
				90% FED 10% STATE	100% STATE
				ROADWAY 0005	ROADWAY 0005
X0327979	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	21446	21446	
* ** X1400282	POLYETHYLENE DUCT, 1 1/4" DIA	FOOT	2200	2200	
* X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	960		960
* X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	140		140
* X5870015	BRIDGE DECK CONCRETE SEALER	SQ FT	122565	122565	
* X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	861	861	
* X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1	
* X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1	
* X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	360	360	
* X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	214621	214621	△
* X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	3714	3714	
* ** X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	2375	2375	
* ** X7830072	GROOVING FOR RECESSED PAVEMENT MARKING 6"	FOOT	19024	19024	
* ** X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2191	2191	

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90	2019-082-RS&T	COOK	119	13
			CONTRACT NO. 62J59	
ILLINOIS FED. AID PROJECT				

**MAINTENANCE OF TRAFFIC – GENERAL NOTES**

1. TRAFFIC CONDITIONS, CRASHES, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. COMPLIANCE WITH THIS REQUIREMENT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE OF "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)" (X7011015). NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
2. THE MAINTENANCE OF TRAFFIC PLANS SHALL SERVE AS A GUIDE FOR THE SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THE CONTRACT. THE CONTRACTOR MAY MODIFY THE MAINTENANCE OF TRAFFIC PLANS TO MEET CONSTRUCTION NEEDS, BUT NOT AT THE EXPENSE OF PUBLIC SAFETY OR CONVENIENCE. ANY CHANGES TO THE TRAFFIC CONTROL SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
3. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY OR EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH THE STAGING. REMOVAL OF PAVEMENT MARKING TAPE WILL BE PAID FOR AS "TEMPORARY PAVEMENT MARKING REMOVAL" (X7030005). REMOVAL OF PAVEMENT MARKINGS ON PERMANENT PAVEMENT WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL-WATERBLASTING (X0327980).
4. [Redacted]
5. THE CONTRACTOR SHALL REMOVE OR COVER ALL EXISTING SIGNS THAT CONFLICT WITH OR DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS AND SHALL RESTORE THE SIGNS AT THE END OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
6. THE CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO THE ENGINEER OF ANY CONSTRUCTION WORK.
7. ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER.
8. TEMPORARY PAVEMENT MARKINGS ON MILLED SURFACES SHALL BE PAINT. TEMPORARY PAVEMENT MARKINGS APPLIED TO PROPOSED HMA LIFTS INCLUDING THE FINAL WEARING SURFACE SHALL BE PAVEMENT MARKING TAPE, TYPE IV. TEMPORARY PAVEMENT MARKING IS NOT REQUIRED FOR SHORT TERM CLOSURES.
9. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS OF SERVICE SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 2 APPLICATIONS OF TEMPORARY PAVEMENT MARKINGS HAVE BEEN PROVIDED FOR EACH STAGE.
10. AT THE END OF EACH WORK DAY THE CONTRACTOR SHALL BACKFILL OR COVER ALL EXPOSED TRENCHES AND OPEN EXCAVATION HOLES NOT PROTECTED BY THE TEMPORARY CONCRETE BARRIER IN ORDER TO PROVIDE SAFE CONDITIONS FOR THE TRAVELING PUBLIC.
11. DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL TAKE NECESSARY PRE-CAUTIONS TO AVOID ANY CONSTRUCTION DEBRIS FROM ENCRDACHING INTO THE ADJACENT THROUGH LANES.
12. TEMPORARY CONCRETE BARRIERS SHALL BE EQUIPPED WITH BARRIER WALL REFLECTORS, IN ACCORDANCE WITH TRAFFIC CONTROL HIGHWAY STANDARD 704001-08 AT 25' CENTERS.
13. LOCATIONS OF CHANGEABLE MESSAGE SIGN (70107025) SHALL BE DETERMINED BY THE ENGINEER.
14. THE CONTRACTOR SHALL REQUEST AND GAIN THE APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR (24) HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES. SEE KEEPING THE EXPRESSWAY OPEN TO TRAFFIC SPECIAL PROVISION FOR MORE INFORMATION.
15. ALL STAGE CHANGES REQUIRING THE STOPPING AND/OR THE PACING OF TRAFFIC SHALL TAKE PLACE DURING THE ALLOWABLE HOURS FOR FULL EXPRESSWAY CLOSURES AND SHALL BE APPROVED BY THE DEPARTMENT. THE CONTRACTOR SHALL NOTIFY THE DISTRICT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT LEAST 3 WORKING DAYS (WEEKENDS AND HOLIDAYS DO NOT COUNT INTO THIS 72 HOURS NOTIFICATION) IN ADVANCE OF ANY PROPOSED STAGE CHANGE.
16. A MAINTENANCE OF TRAFFIC PLAN SHALL BE SUBMITTED TO THE DIRSTRCT ONE EXPRESSWAY TRAFFIC CONTROL SUPERVISOR 14 DAYS IN ADVANCE OF ANY STAGE CHANGES OR FULL EXPRESSWAY CLOSURES. THE MAINTENACE OF TRAFFIC PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO: LANE AND RAMP CLOSURES, EXISTING GEOMETRICS, AND EQUIPMENT AND MATERIAL LOCATIONS.
17. AT LOCATIONS WHERE TRAFFIC IS SHIFTED ONTO THE EXISTING SHOULDERS THE EXISTING RUMBLE STRIPS SHALL BE REMOVED.
18. AT LOCATIONS WHERE TRAFFIC IS SHIFTED, FILL JOINTS WITH MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS (40600400).

**SUGGESTED STAGING NOTES**

THE FOLLOWING STAGES SHALL BE USED FOR EASTBOUND AND WESTBOUND. EASTBOUOND SHALL BE CONSTRUCTED IN THE FIRST YEAR. WESTBOUND SHALL BE CONSTRUCTED IN THE SECOND YEAR. STAGES 1A, 1B, 1C, AND 1D MAY BE COMPLETED IN ANY ORDER. DRAINAGE IMPROVEMENTS MUST BE COMPLETED PRIOR TO THE START OF STAGE 2 - RESURFACING.

**STAGE 1 A - DRAINAGE IMPROVEMENTS RAMP, RAMP GORES, AND OUTSIDE SHOULDERS**

TRAFFIC

1. REDUCE LANES UTILIZING DISTRICT STANDARD TC-09 TO PROVIDE THREE 11-FOOT LANES, AS SHOWN ON THE PLANS.
2. CLOSE RAMPS UTILIZING DISTRICT STANDARD TC-08. RAMPS MAY BE CLOSED ONLY DURING ALLOWABLE TIMES. CONSECUTIVE RAMP CLOSURES AT THE SAME TIME ARE NOT PERMITTED.
3. ADDITIONAL LANE CLOSURES ARE ALLOWED DURING ALLOWABLE HOURS.

CONSTRUCTION

1. PLACE TEMPORARY CONCRETE BARRIER ALONG MAINLINE.
2. PLACE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV.
3. CONSTRUCT TRENCH DRAINS IN RAMPS, RAMP GORES, AND OUTSIDE SHOULDERS.

**STAGE 1 B - DRAINAGE IMPROVEMENTS INSIDE SHOULDERS**

TRAFFIC

1. REDUCE LANES UTILIZING DISTRICT STANDARD TC-08 TO PROVIDE THREE 11-FOOT LANES, AS SHOWN ON THE PLANS.
2. ADDITIONAL LANE CLOSURES ARE ALLOWED DURING ALLOWABLE HOURS.

CONSTRUCTION

1. PLACE TEMPORARY CONCRETE BARRIER ALONG MAINLINE.
2. PLACE TEMPORARY PAVEMENT MARKING TAPE, TYPE IV.
3. CONSTRUCT TRENCH DRAINS IN INSIDE SHOULDERS.

**STAGE 1 C - DRAINAGE IMPROVEMENTS ACROSS MAINLINE LANES**

TRAFFIC

1. CLOSE LANES 2 AND 3 DURING ALLOWABLE TIMES UTILIZING STANDARDS 701400, 701411, 701446, AND TC-09.
2. PROVIDE ONE 11-FOOT LANE SHIFTING TRAFFIC TO LANE 1.
3. CLOSE RAMPS UTILIZING STANDARDS TC-08. RAMPS MAY BE CLOSED ONLY DURING ALLOWABLE TIMES. CONSECUTIVE RAMP CLOSURES AT THE SAME TIME ARE NOT PERMITTED.
4. ALL LANES OF TRAFFIC MUST BE OPENED TO TRAFFIC AFTER ALLOWABLE LANE CLOSURE HOURS.

CONSTRUCTION

1. CONSTRUCT STORM SEWER FROM OUTSIDE SHOULDER TO MIDDLE OF LANE 2.
2. AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL BACKFILL TRENCHES, PLACE HMA PATCH, MATCH TO EXISTING GRADE, SWEEP THE PAVEMENT SURFACE CLEAN, PLACE TEMPORARY PAVEMENT MARKINGS, AND REMOVE TRAFFIC CONTROL BEFORE OPENING THE LANES TO TRAFFIC.

**STAGE 1 D DRAINAGE IMPROVEMENTS ACROSS MAINLINE LANES**

TRAFFIC

1. CLOSE LANES 1 AND 2 DURING ALLOWABLE TIMES UTILIZING STANDARDS 701400, 701411, 701446, AND TC-09.
2. PROVIDE ONE 11-FOOT LANE SHIFTING TRAFFIC TO LANE 3
3. CLOSE RAMPS UTILIZING STANDARDS TC-08. RAMPS MAY BE CLOSED ONLY DURING ALLOWABLE TIMES. CONSECUTIVE RAMP CLOSURES AT THE SAME TIME ARE NOT PERMITTED.
4. ALL LANES OF TRAFFIC MUST BE OPENED TO TRAFFIC AFTER ALLOWABLE LANE CLOSURE HOURS.

CONSTRUCTION

1. CONSTRUCT STORM SEWER FROM MIDDLE OF LANE 2 TO THE MEDIAN.
2. AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL BACKFILL TRENCHES, PLACE HMA PATCH, MATCH TO EXISTING GRADE, SWEEP THE PAVEMENT SURFACE CLEAN, PLACE TEMPORARY PAVEMENT MARKINGS, AND REMOVE TRAFFIC CONTROL BEFORE OPENING THE LANES TO TRAFFIC.

**STAGE 2 RESURFACING**

TRAFFIC

1. CLOSE LANES DURING ALLOWABLE HOURS UTILIZING STANDARDS 701400, 701401, 701411, 701446, AND TC-09.
2. CLOSE RAMPS UTILIZING STANDARDS TC-08. RAMPS MAY BE CLOSED ONLY DURING ALLOWABLE TIMES. CONSECUTIVE RAMP CLOSURES AT THE SAME TIME ARE NOT PERMITTED.
3. ALL LANES MUST BE OPEN TO TRAFFIC AFTER ALLOWABLE LANE CLOSURE HOURS

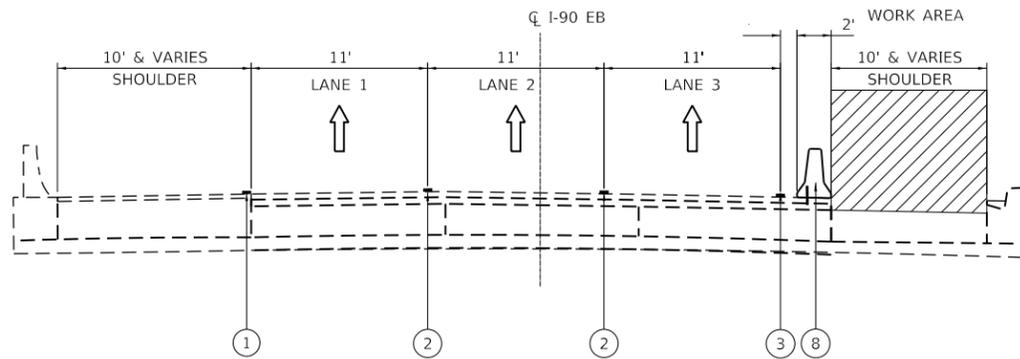
CONSTRUCTION

1. MILL AND RESURFACE AS SHOWN IN RESURFACING SEQUENCE.
2. MILL AND RESURFACE RAMPS.
3. DRUMS SHALL NOT BE PLACED IN THE LANE WHICH IS OPEN TO TRAFFIC. THE CONTRACTOR SHALL USE ONE FOOT WIDE VERTICAL BARRICADES ALONG THE MILLING AND PAVING OPERATIONS. DRUMS OR TYPE II BARRICADES SHALL BE USED TO DELINEATE ALL OPEN RAMPS THROUGH THE WORK ZONE.
4. MILLING OPERATIONS SHALL BE PERFORMED SUCH THAT A VERTICAL MILLED FACE NO GREATER THAN 1-1/2" INCHES EXISTS BETWEEN ADJACENT OPEN LANES OF TRAFFIC AT ANY TIME. THIS MAY BE ACCOMPLISHED BY PLACING A TEMPORARY WEDGE OR MILLING TO PROVIDE A MINIMUM 1:3 SLOPE. OTHER METHODS MAY BE USED IF APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTING THE PROCEDURE. THIS WORK SHALL BE INCLUDED IN THE COST OF HMA SURFACE REMOVAL, OF THE THICKNESS SPECIFIED.
5. AT THE END OF EACH NIGHTLY SHIFT, THE CONTRACTOR SHALL SWEEP THE PAVEMENT SURFACE CLEAN, PLACE TEMPORARY PAVEMENT MARKINGS, AND REMOVE TRAFFIC CONTROL.

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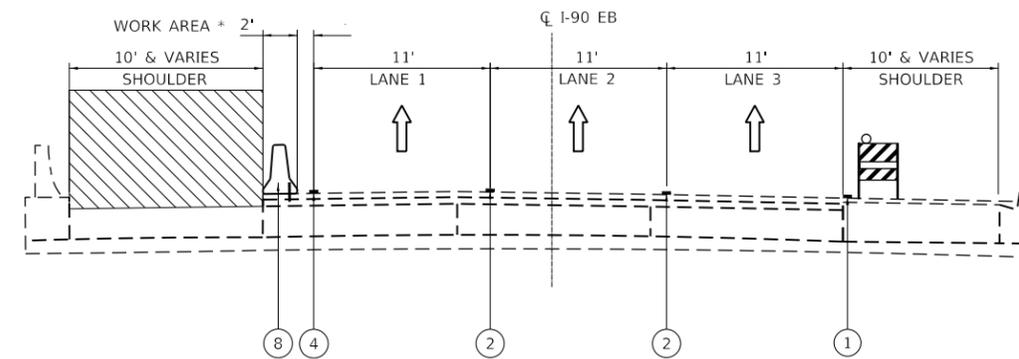
REV. 4-11-2020

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DRAWN - CS/JB	REVISIED -	90					2019-082-RS&T	COOK	119	34	
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PLOT DATE = 4/7/2020	DATE - 03/10/2020	REVISED -		ILLINOIS FED. AID PROJECT							



**DRAINAGE IMPROVEMENTS AT OUTSIDE SHOULDER**

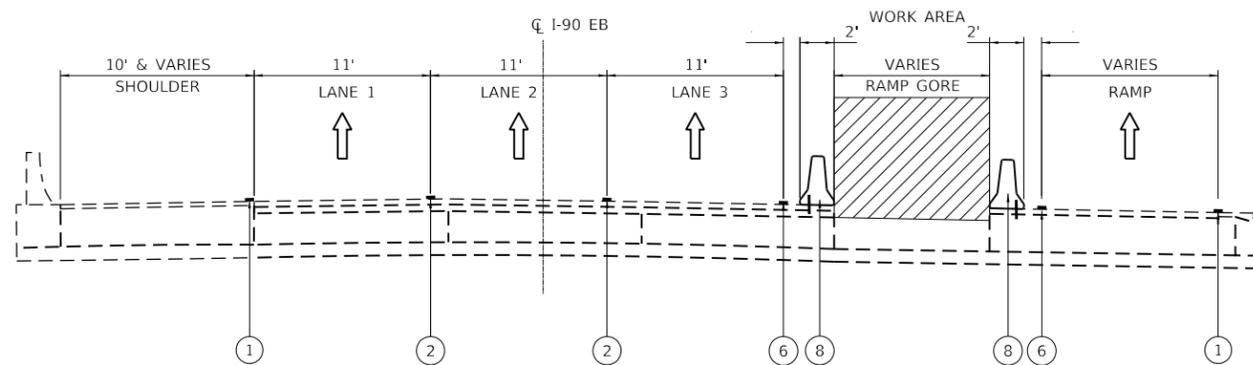
EASTBOUND  
(WESTBOUND SYMMETRICAL)



**DRAINAGE IMPROVEMENTS AT INSIDE SHOULDER**

EASTBOUND  
(WESTBOUND SYMMETRICAL)

\* AN 8' MINIMUM WORK ZONE SHALL BE PROVIDED BEHIND THE TEMPORARY CONCRETE BARRIER WALL. FOR LOCATIONS WHERE LESS THAN 8' MINIMUM IS PROVIDED, TRAFFIC SHALL BE SHIFTED ONTO THE OUTSIDE SHOULDER AS SHOWN ON THE PLANS. THE EXISTING OUTSIDE SHOULDER RUMBLE STRIPS SHALL BE REMOVED AT THESE LOCATIONS.

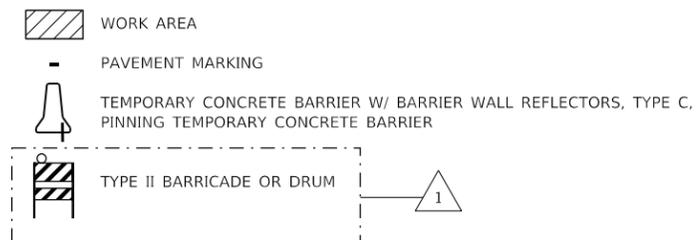


**DRAINAGE IMPROVEMENTS AT RAMP GORE**

EASTBOUND  
(WESTBOUND SYMMETRICAL)

**LEGEND**

- ① EX. PAVEMENT MARKING
- ② PAVEMENT MARKING TAPE TYPE IV - LINE 5" (10' DASH - 30' SKIP WHITE)
- ③ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (SOLID WHITE)
- ④ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (2' DASH - 6' SKIP WHITE)
- ⑥ PAVEMENT MARKING TAPE TYPE IV - LINE 8" (WHITE)
- ⑦ PAVEMENT MARKING TAPE TYPE IV - LINE 12" (WHITE)
- ⑧ TEMPORARY CONCRETE BARRIER WALL W/ BARRIER WALL REFLECTORS, TYPE C CONTINUOUSLY PINNED
- ⑨ TYPE II DRUM



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PLOT DATE = 4/7/2020	DATE - 03/10/2020	REVISED -

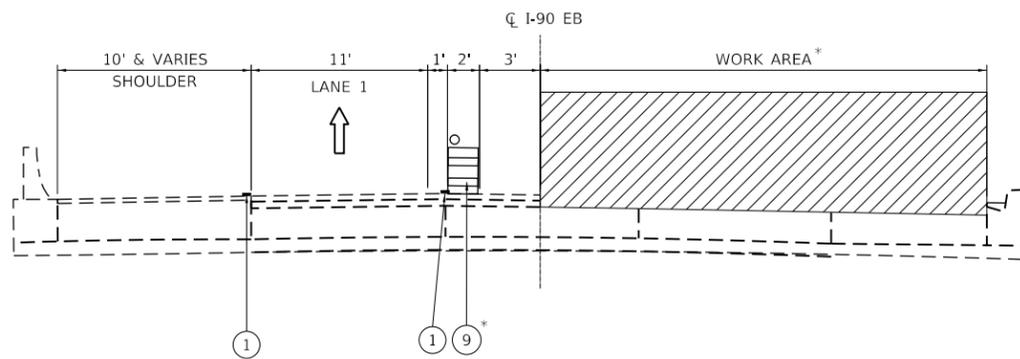
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
TYPICAL SECTION**

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62J59				
ILLINOIS FED. AID PROJECT				

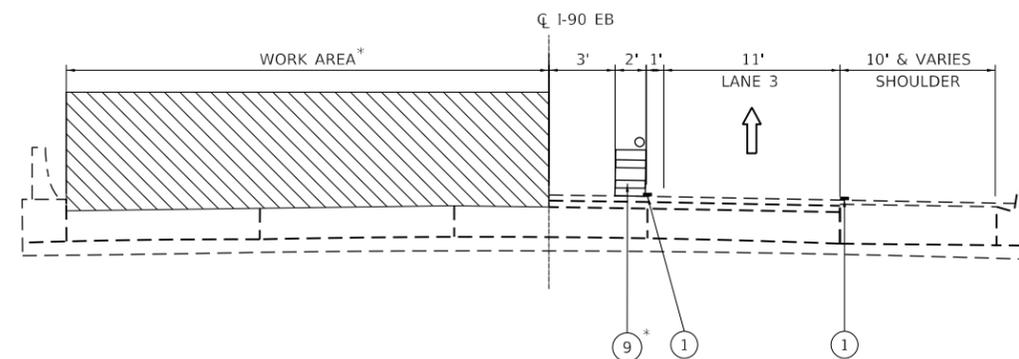
REV. 4-11-2020



**DRAINAGE IMPROVEMENTS STAGE 1C**

EASTBOUND  
(WESTBOUND SYMMETRICAL)

\* AT THE END OF EACH NIGHTLY SHIFT ALL TRAFFIC CONTROL DEVICES MUST BE REMOVED AND ALL LANES MUST BE OPENED TO TRAFFIC



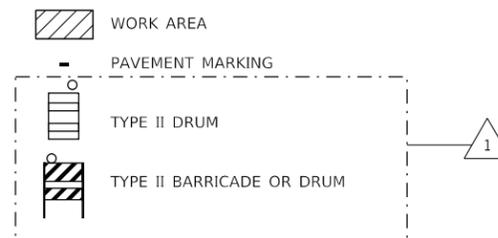
**DRAINAGE IMPROVEMENTS STAGE 1D**

EASTBOUND  
(WESTBOUND SYMMETRICAL)

\* AT THE END OF EACH NIGHTLY SHIFT ALL TRAFFIC CONTROL DEVICES MUST BE REMOVED AND ALL LANES MUST BE OPENED TO TRAFFIC

**LEGEND**

- ① EX. PAVEMENT MARKING
- ② PAVEMENT MARKING TAPE TYPE IV - LINE 5" (10' DASH - 30' SKIP WHITE)
- ③ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (SOLID WHITE)
- ④ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (SOLID YELLOW)
- ⑤ PAVEMENT MARKING TAPE TYPE IV - LINE 4" (2' DASH - 6' SKIP WHITE)
- ⑥ PAVEMENT MARKING TAPE TYPE IV - LINE 8" (WHITE)
- ⑦ PAVEMENT MARKING TAPE TYPE IV - LINE 12" (WHITE)
- ⑧ TEMPORARY CONCRETE BARRIER WALL W/ BARRIER WALL REFLECTORS, TYPE C CONTINUOUSLY PINNED
- ⑨ TYPE II DRUM



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PLOT DATE = 4/7/2020	DATE - 03/10/2020	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC  
TYPICAL SECTION**

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

F.A.J RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90	2019-082-RS&T	COOK	119	37
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J59	