

FED/20% STATE

CONSTRUCTION CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	URBAN			
				ROADWAY 0004	BRIDGE 0013 016-2467	BRIDGE 0013 016-2468	HIGHWAY LIGHTING 0021
* 28000400	PERIMETER EROSION BARRIER	FOOT	1,242	1,242			
28000510	INLET FILTERS	EACH	16	16			
28100105	STONE RIPRAP, CLASS A3	SQ YD	12	12			
28100107	STONE RIPRAP, CLASS A4	SQ YD	20	20			
28100207	STONE RIPRAP, CLASS A4	TON	1,212		201	1,011	
* 28200200	FILTER FABRIC	SQ YD	339	32	53	254	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	2,619	2,619			
31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	662	662			
31101400	SUBBASE GRANULAR MATERIAL, TYPE B - 6"	SQ YD	391	391			
31102000	SUBBASE GRANULAR MATERIAL, TYPE C	CU YD	9	9			
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	11	11			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	234	234			
40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "D", N50	TON	2	2			
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "E", N70	TON	16	16			
42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	241	241			
44000100	PAVEMENT REMOVAL	SQ YD	2,330	2,330			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	11	11			

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* - INDICATES SPECIALITY ITEM

REVISED SHEET 1/7/2022

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 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	USER NAME = mc	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.P. RTE. 330	SECTION 2018-133-BR	COUNTY COOK	TOTAL SHEETS 308	SHEET NO. 5
	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -					SCALE: N.T.S.	SHEET 2	OF 12 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT
PLOT DATE = 10/21/2021	DATE = 10/21/2021	REVISED -	REVISED -									

REV-SEP

EARTHWORK SCHEDULE OF QUANTITIES

	EARTH EX	EXCAVATION USED AS EMBANKMENT. ADJ FOR SHRINKAGE (15%)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) SHORTAGE (-)	NON-SPECIAL WASTE
	CU YD	CU YD	CU YD	CU YD	CU YD
PRE - STAGE					
NORTH CROSSOVER	221.2	188.0	0.0	188.0	0.0
SOUTH CROSSOVER	250.9	14.0	478.8	-464.8	234.4
LASMA ENTRANCE	470.6	400.0	0.0	400.0	0.0
IL 171 RAMP TO NB US 12/20/45 STA 17+96-STA 20+27	88.9	75.6	0.0	75.6	0.0
PRE - STAGE SUBTOTAL	1,031.6 CY	677.6 CY	478.8 CY	198.8 CY	234.4 CY
STAGE 1					
NORTH CROSSOVER	0.0	0.0	53.9	-53.9	0.0
SOUTH CROSSOVER	450.5	382.9	203.5	179.4	0.0
LASMA ENTRANCE	0.0	0.0	110.2	-110.2	0.0
PR VEGETATED SWALE STA 44+22-STA 44+58	32.9	0.0	0.0	0.0	32.9
STAGE 1 SUBTOTAL	483.4 CY	382.9 CY	367.6 CY	15.3 CY	32.9 CY
TOTAL	1,515 CY	1,060.5 CY	846.4 CY	214.1 CY	267.3 CY

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	16
CONTRACT NO. 62H49			ILLINOIS FED. AID PROJECT	

 REVISED SHEET 1/7/2022

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE FURNISHING, INSTALLING AND RELOCATION OF ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS AND AS DETERMINED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DETERMINED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR "TRAFFIC CONTROL AND PROTECTION (SPECIAL)".
2. EXISTING TRAFFIC CONTROL DEVICES WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. ANY DAMAGED SIGNS CAUSED BY HIS WORK SHALL BE REPLACED BY THE CONTRACTOR AND AT THE EXPENSE OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN. THIS WORK SHALL BE PAID FOR AS PAVEMENT MARKING REMOVAL.
4. THE CONTRACTOR SHALL MAINTAIN ALL DRIVEWAYS DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL REQUEST AND GAIN 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 ON ALL FREEWAYS AND/OR EXPRESSWAYS IN DISTRICT ONE. THIS ADVANCE NOTIFICATION IS CALCULATED BASED ON WORKWEEK OF MONDAY THROUGH FRIDAY AND SHALL NOT INCLUDE WEEKENDS OR HOLIDAYS.

6. ALL TEMPORARY PAVEMENT SHALL HAVE AGGREGATE SUBGRADE, 12" PLACED UNDERNEATH.



IDOT HIGHWAY STANDARDS

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 M) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 MPH TO 55 MPH
701423-10	LANE CLOSURE, MULTILANE, WITH BARRIER, FOR SPEEDS > 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L 2W, UNDIVIDED
701901-09	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

DISTRICT ONE STANDARDS

TC-08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-17	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC-22	ARTERIAL ROAD INFORMATION SIGN

SEQUENCE OF CONSTRUCTION

PRE-STAGE CONSTRUCTION

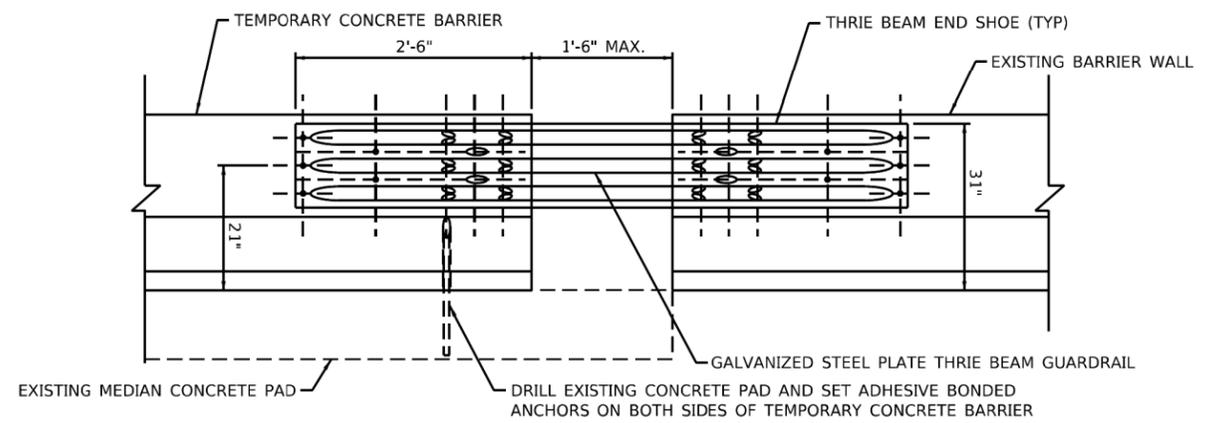
1. REMOVE EXISTING GUARDRAIL, CENTER MEDIAN, AND OTHER APPURTENANCES WHERE NOTED OR AS DIRECTED BY THE ENGINEER FOR THE INSTALLATION OF TEMPORARY PAVEMENT. THIS WORK SHALL BE PERFORMED UTILIZING IDOT STANDARD 701422 TO CLOSE THE INSIDE LANE WHEN WORKING ADJACENT TO TRAFFIC.
2. CONSTRUCT TEMPORARY PAVEMENT AT CROSSOVER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, UTILIZING IDOT STANDARD 701422 TO CLOSE THE INSIDE LANE.
3. ESTABLISH STAGE 1 MAINTENANCE OF TRAFFIC. PLACE TRAFFIC CONTROL DEVICES PER PLAN AND IN ACCORDANCE WITH IDOT HIGHWAY STANDARDS.

STAGE 1 CONSTRUCTION

1. CLOSE NORTHBOUND US 12/20/45 (LAGRANGE ROAD) LANES. SHIFT TRAFFIC AS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS. (NORTHBOUND LANES WILL BE REDUCED TO ONE LANE NORTHBOUND AND UTILIZE THE SOUTHBOUND STRUCTURE.) SOUTHBOUND LANES WILL BE REDUCED TO TWO LANES AND UTILIZE THE SOUTHBOUND STRUCTURE.
2. CONSTRUCT NEW NORTHBOUND STRUCTURES.

END OF CONSTRUCTION

1. SHIFT NORTHBOUND TRAFFIC TO NEW NORTHBOUND STRUCTURES.
2. REMOVE MAINTENANCE OF TRAFFIC DEVICES. UNCOVER PERMANENT SIGNS.
3. REMOVE TEMPORARY PAVEMENT CROSSOVERS AND REPLACE GUARDRAIL.
4. COMPLETE PARKWAY RESTORATION AND LANDSCAPING.
5. COMPLETE PUNCH LIST ITEMS.



NOTES:

1. THE TEMPORARY CONCRETE BARRIER SHALL BE INSTALLED SUCH THAT IT IS FLUSH WITH THE EXISTING BARRIER WALL TO AVOID BLUNT END CONDITIONS.
2. THIS DETAILS APPLIES DURING STAGE CONSTRUCTION TO CONNECT TEMPORARY CONCRETE BARRIER TO EXISTING BARRIER AS SHOWN ON THE MOT PLANS
3. CONNECTION BETWEEN TEMPORARY CONCRETE BARRIER AND EXISTING BARRIER WALL SHALL BE INCLUDED IN THE COST FOR PAY ITEM 70400100, TEMPORARY CONCRETE BARRIER. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

TEMPORARY CONCRETE BARRIER CONNECTION DETAIL

NOT TO SCALE

REVISED SHEET 1/7/2022

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC
GENERAL NOTES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	2018-133-BR	COOK	308	40
CONTRACT NO. 62H49				
ILLINOIS FED. AID PROJECT				