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GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE LOCAL MUNICIPALITY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKING OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINES SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES AND RAISED REFLECTIVE PAVEMENT MARKERS IN ORDER THAT THESE LOCATIONS CAN BE REESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT (847) 705-4412 (TUESDAY) OR AT PATRICE.HARRIS@ILLINOIS.GOV, A MINIMUM OF TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING MATERIALS. SUCH VARIATION SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN THE SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED AT THE UNIT PRICE BID FOR THE WORK.
- THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

GENERAL NOTES (CONT.)

- THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.
- ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AND REPLACED AS DIRECT BY THE ENGINEER AT CONTRACTOR EXPENSE.
- PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6 1/2" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAINS CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b, c) OF THE SSRBC WILL NOT BE ALLOWED.

MAINTENANCE OF TRAFFIC GENERAL NOTES

- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF ANY CHANGES TO THE MOT PLANS
- ALL EXISTING PAVEMENT MARKING IN CONFLICT WITH THE MAINTENANCE OF TRAFFIC STRIPING SHALL BE REMOVED. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT, FOR "PAVEMENT MARKING REMOVAL."
- THE CONTRACTOR SHALL REMOVE ALL TEMPORARY PAVEMENT MARKING TAPE WHICH CONFLICTS WITH THE NEXT STAGE OR FINAL STRIPING. REMOVAL OF TEMPORARY PAVEMENT MARKING TAPE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT, FOR "WORK ZONE PAVEMENT MARKING REMOVAL."
- ALL TRAFFIC CONTROL DEVICES USED FOR THE MAINTENANCE OF TRAFFIC, AS DETAILED ON THE PLANS, OR HIGHWAY STANDARDS SHALL BE REFLECTORIZED PRIOR TO INSTALLATION AND CLEANED AS SPECIFIED IN THE MAINTENANCE OF TRAFFIC SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.
- ALL DRUMS, VERTICAL PANELS AND BARRICADES ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH STEADY-BURNING MONO-DIRECTIONAL LIGHTS.
- ALL EXISTING SIGNS WITHIN THE LIMITS OF MAINTENANCE OF TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH ARTICLE 107.25 OF THE IDOT STANDARD SPECIFICATIONS.
- ALL TEMPORARY INFORMATION SIGNS SHALL BE PAID FOR SEPARATELY AT THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR "TEMPORARY INFORMATION SIGNING".
- FOR ADDITIONAL BRIDGE CONSTRUCTION STAGING INFORMATION, SEE STRUCTURAL PLANS.
- CONTRACTOR SHALL LOCATE AND PROVIDE ALL APPROACH SIGNAGE PER REFERENCED HIGHWAY STANDARDS. SIGN LOCATIONS SHOWN ARE SCHEMATIC ONLY.
- TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT, MODIFY, OR REMOVE LANE CLOSURES OR CHANNELIZATION SHOWN IN THE PLANS. THE CONTRACTOR SHALL MAKE THE NECESSARY ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. THE CONTRACTOR SHALL RESPOND TO ANY REQUEST MADE BY THE ENGINEER FOR CORRECTION WITHIN TWO HOURS FROM THE TIME OF NOTIFICATION.
- THE CONTRACTOR SHALL CALL THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE EXISTING CLEARANCE OF 18.07 FEET FROM THE TOP OF THE RAIL MUST BE MAINTAINED AT ALL TIMES.
- ALL CONTRACTOR ACTIVITY MUST BE COORDINATED WITH THE MWRDGC RAILROAD FIELD CONTACT AT (708) 588-4004, SO THAT CONTRACTOR PERSONNEL AND EQUIPMENT CAN BE REMOVED TO A SAFE DISTANCE ALLOWING PASSAGE OF THE DISTRICT'S TRAIN. TYPICALLY, THE DISTRICT'S TRAIN MAKES SEVERAL TRIPS THROUGH THE SUBJECT AREA DURING WEEKDAYS AND WEEKENDS WHEN SCHEDULED. FLAGGING SERVICES, IF REQUIRED, SHALL BE PERFORMED BY THE CONTRACTOR AND WILL BE PAID ACCORDING TO SECTION 107.12 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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	DATE - 4/9/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
IL ROUTE 43 (HARLEM AVE)

REVISED SHEET 4/12/2021		REV-SEP
F.A.P. RTE.	SECTION	COUNTY
348	0708,08B-R(11)	COOK
TOTAL SHEETS		SHEET NO
105		2
CONTRACT NO		60T06
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0010	0021	0028
				ROADWAY	BRIDGE	LIGHTING	SHARED-USE PATH
					SN: 016-1330		FOREST VIEW
	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / LOCAL 20%			
	URBAN	URBAN	URBAN	URBAN			
44000100	PAVEMENT REMOVAL	SQ YD	4979	4979			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	525	525			
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1424	1424			
44000600	SIDEWALK REMOVAL	SQ FT	3137	3137			
44003100	MEDIAN REMOVAL	SQ FT	511	511			
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	698	698			
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1			
50102400	CONCRETE REMOVAL	CU YD	50	50			
50157300	PROTECTIVE SHIELD	SQ YD	1026	1026			
50200100	STRUCTURE EXCAVATION	CU YD	299.6	299.6			
50300225	CONCRETE STRUCTURES	CU YD	395.5	395.5			
50300255	CONCRETE SUPERSTRUCTURE	CU YD	231.3	231.3			
50300260	BRIDGE DECK GROOVING	SQ YD	726	726			
50300300	PROTECTIVE COAT	SQ YD	1156	1156			
50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	170.0	170.0			
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	1			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0010	0021	0028
				ROADWAY	BRIDGE	LIGHTING	SHARED-USE PATH
					SN: 016-1330		FOREST VIEW
	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / LOCAL 20%			
	URBAN	URBAN	URBAN	URBAN			
50500505	STUD SHEAR CONNECTORS	EACH	5040	5040			
50800105	REINFORCEMENT BARS	POUND	5880	5880			
** 50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	164910	164910			
* 50800515	BAR SPLICERS	EACH	704	704			
* 50900105	ALUMINUM RAILING, TYPE L	FOOT	188	188			
* 50901720	BICYCLE RAILING	FOOT	188	188			
* 50901750	PARAPET RAILING	FOOT	188	188			
* 51200959	FURNISHING METAL SHELL PILES 14" X 0.312"	FOOT	872	872			
* 51202305	DRIVING PILES	FOOT	872	872			
* 51203200	TEST PILE METAL SHELLS	EACH	2	2			
51500100	NAME PLATES	EACH	3	3			
51603000	DRILLED SHAFT IN SOIL	CU YD	137.8	137.8			
51604000	DRILLED SHAFT IN ROCK	CU YD	3.7	3.7			
52100520	ANCHOR BOLTS, 1"	EACH	36	36			
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	1128	1128			
52200100	FURNISHING SOLDIER PILES (HP SECTION)	FOOT	95.9	95.9			

- * SPECIALTY ITEMS
- ◆ CONSTRUCTION TYPE CODE : 0042
- ** QUANTITY INCLUDES TEXTURED EPOXY COATED REINFORCEMENT BARS, SEE BRIDGE PLANS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

REVISED SHEET 4/9/2021		REV-SEP	
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS
348	0708.08B-R(11)	COOK	105
		CONTRACT NO	60T06
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0010	0021	0028
				ROADWAY	BRIDGE	LIGHTING	SHARED-USE PATH
					SN: 016-1330		FOREST VIEW
	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / LOCAL 20%			
	URBAN	URBAN	URBAN	URBAN			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1	1			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	60	60			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18			
67100100	MOBILIZATION	L SUM	1	1			
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	60	60			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	123	123			
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	8591	8591			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	465	465			
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	170	170			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	12	12			
70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	7614	7614			
70400100	TEMPORARY CONCRETE BARRIER	FOOT	933	933			
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1264	1264			
70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	1	1			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				0004	0010	0021	0028
				ROADWAY	BRIDGE	LIGHTING	SHARED-USE PATH
					SN: 016-1330		FOREST VIEW
	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / ST 20%	FED 80% / LOCAL 20%			
	URBAN	URBAN	URBAN	URBAN			
70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	1	1			
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	1504	1504			
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	93	93			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	43	43			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	22	22			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	83	83			
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	3063	3063			
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	269	269			
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	246	246			
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	12			
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	6	6			
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	2957	2957			
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	41	41			
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	170			170	
* 81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	170			170	
* 81300550	JUNCTION BOX EMBEDDED IN STRUCTURE 12" X 12" X 6"	EACH	2			2	

- * SPECIALTY ITEMS
- ◆ CONSTRUCTION TYPE CODE : 0042
- ** QUANTITY INCLUDES TEXTURED EPOXY COATED REINFORCEMENT BARS, SEE BRIDGE PLANS.

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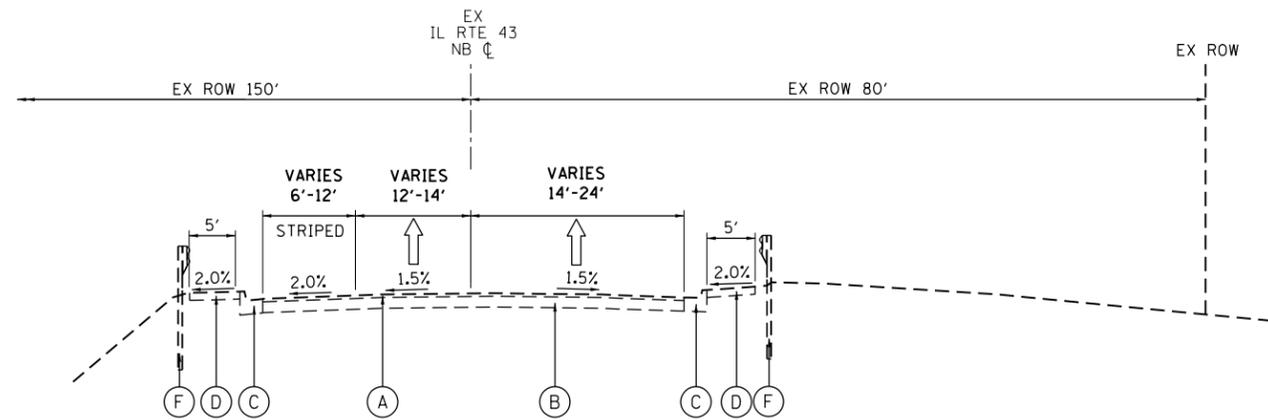


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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

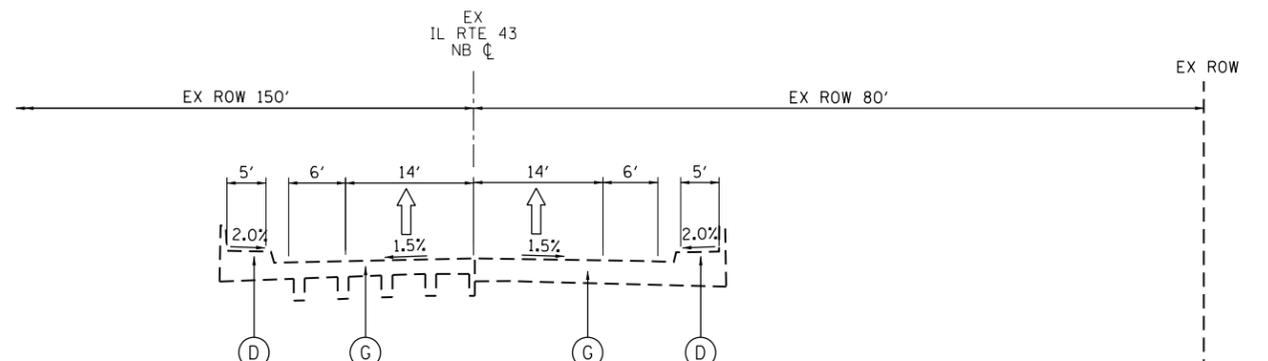
SUMMARY OF QUANTITIES

1	REVISED SHEET 4/12/2021	REV-SEP		
F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	0708.08B-R(11)	COOK	105	6
CONTRACT NO			60T06	
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT				



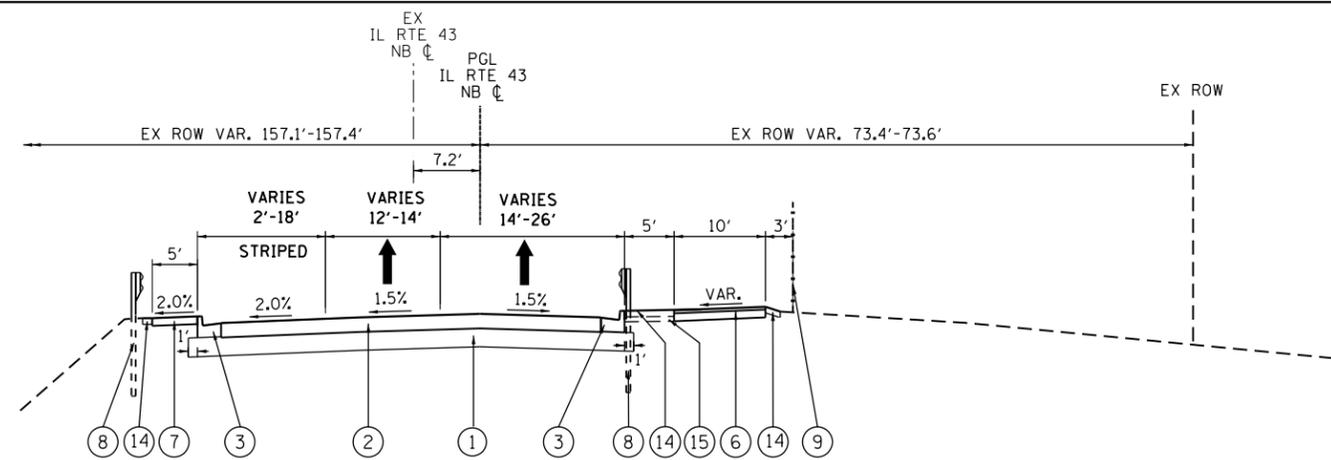
**EXISTING TYPICAL SECTION
ILLINOIS ROUTE 43 NORTHBOUND**

FACING NORTH
STA. 20+10.7 TO STA. 22+68



**EXISTING TYPICAL SECTION
ILLINOIS ROUTE 43 NORTHBOUND**

FACING NORTH
STA. 22+68 TO STA. 23+31.6



**PROPOSED TYPICAL SECTION
ILLINOIS ROUTE 43 NORTHBOUND**

FACING NORTH
STA. 20+10.7 TO STA. 22+35.1
BRIDGE OMISSION
STA. 22+35.1 TO STA. 24+22.9

LEGEND

- | | |
|--|---|
| (A) EXISTING HMA SURFACE COURSE, 4" | (1) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12" |
| (B) EXISTING PCC PAVEMENT, 8" | (2) PROPOSED PCC PAVEMENT 10" (JOINTED) |
| (C) EXISTING CURB AND GUTTER, TY-B6.24 | (3) PROPOSED COMB. CONC. CURB AND GUTTER, TY-B 6.24 |
| (D) EXISTING PCC SIDEWALK, 5' | (4) PROPOSED RETAINING WALL |
| (E) EXISTING PCC MEDIAN | (6) PROPOSED HMA BIKE PATH (2" HMA & 8" AGG. BASE CRS) |
| (F) EXISTING GUARDRAIL | (7) PROPOSED PCC SIDEWALK, 5" |
| (G) EXISTING BRIDGE DECK | (8) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A |
| | (9) CHAIN LINK FENCE |
| | (11) NOT USED |
| | (12) NOT USED |
| | (13) NOT USED |
| | (14) PROPOSED TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A |
| | (15) PROPOSED AGGREGATE SHOULDER, 10" |

MIXTURE TABLE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (OMP)
MIXTURE TYPE	AIR VOIDS e _{Ndes}	
HMA BUTTJOINT		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL-9.5 mm)	4% @ 70 GYR	OC / OA
HMA BIKE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5 mm), 2"	4% @ 50 GYR	OC / OA
UTILITY ROAD (RECONSTRUCTION)		
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5 mm), 2"	4% @ 50 GYR	OC / OA
HOT-MIX ASPHALT BINDER COURSE, N50 (IL-19.0mm), 10"	4% @ 50 GYR	OC / OA
DRIVEWAY (RECONSTRUCTION)		
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N50 (IL-9.5 mm), 2"	4% @ 50 GYR	OC / OA
HOT-MIX ASPHALT BINDER COURSE, N50 (IL-19.0mm), 10"	4% @ 50 GYR	OC / OA
OMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (OC/OA)		

MIXTURE TABLE NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (OMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURES.

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FILE NAME: 05_0160106-ah-t-Typical.dwg

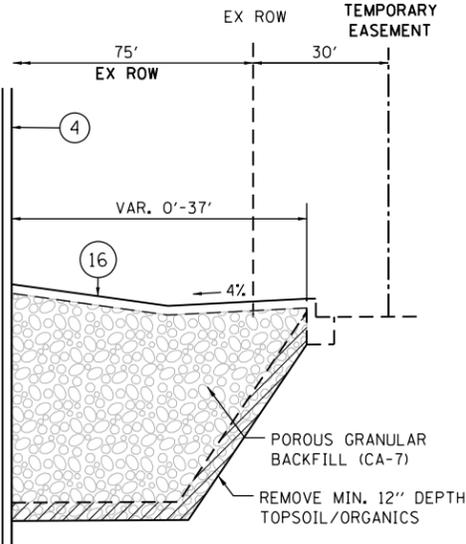
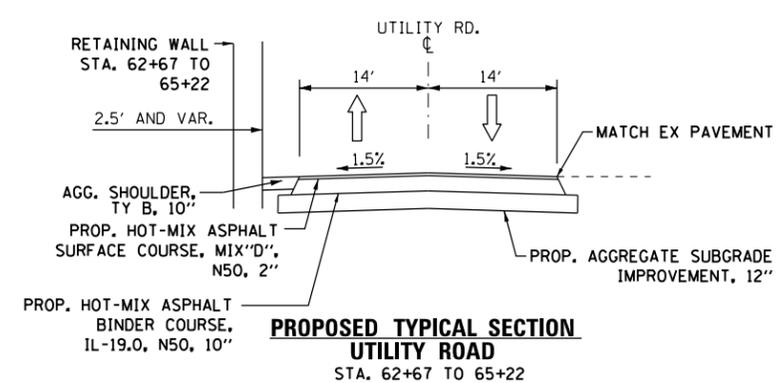
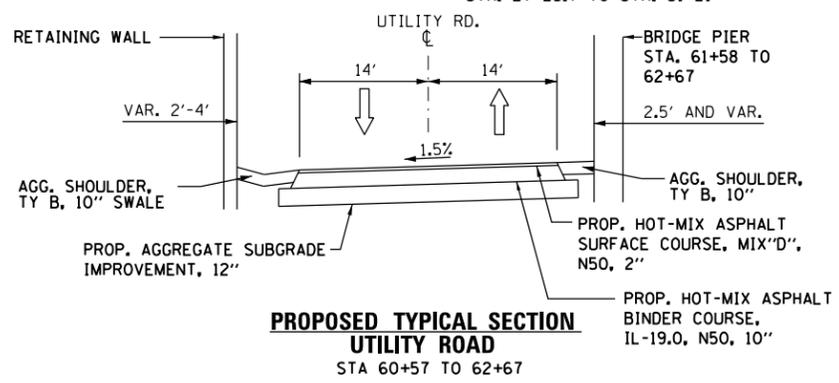
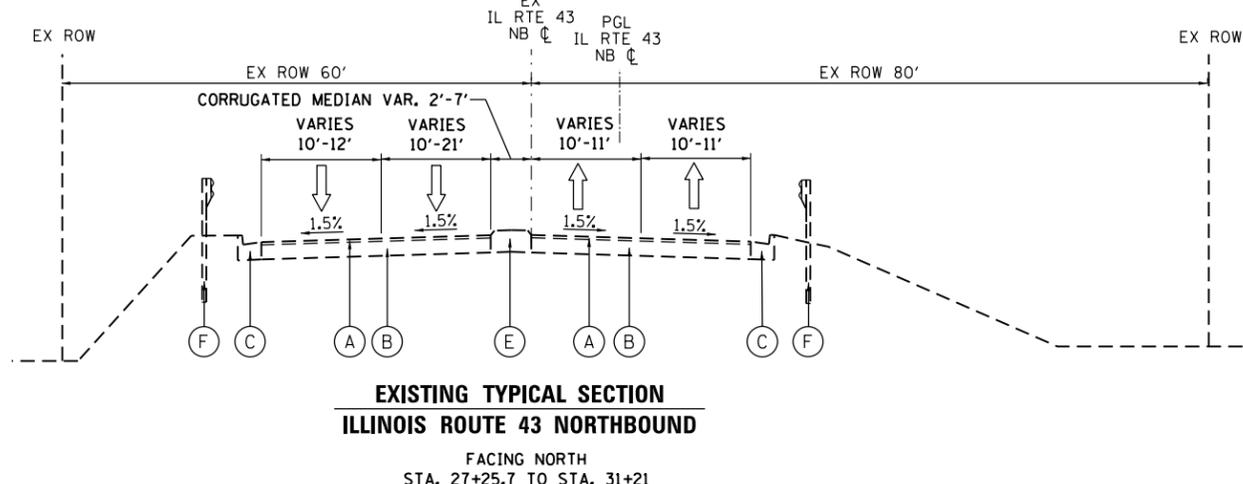
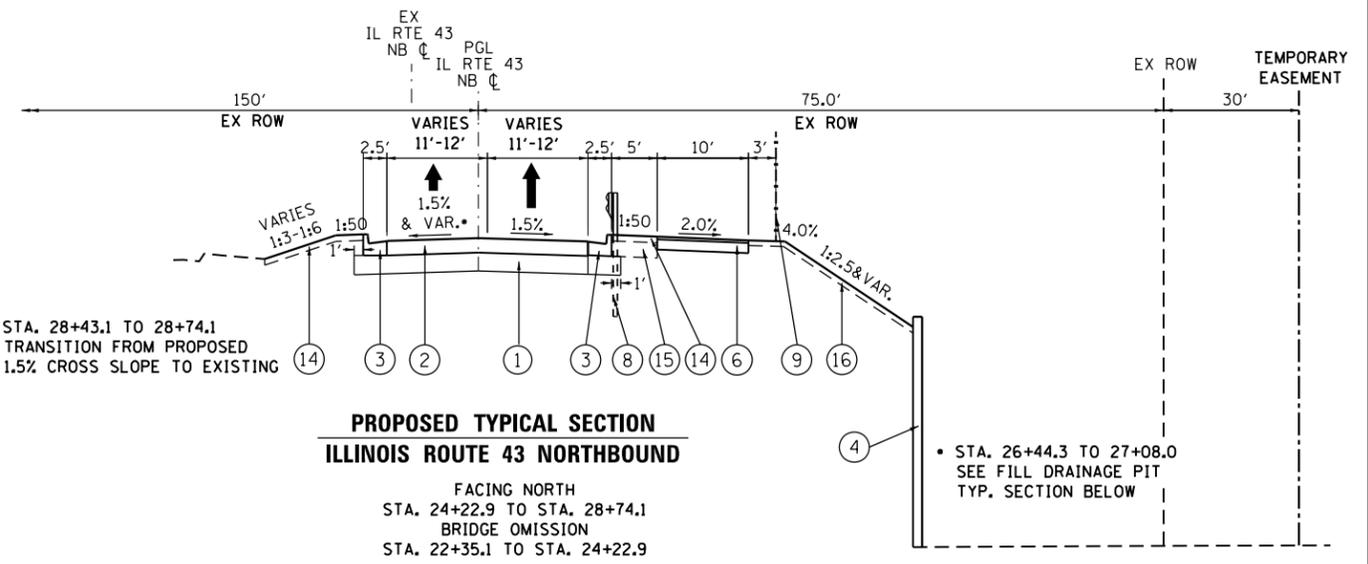
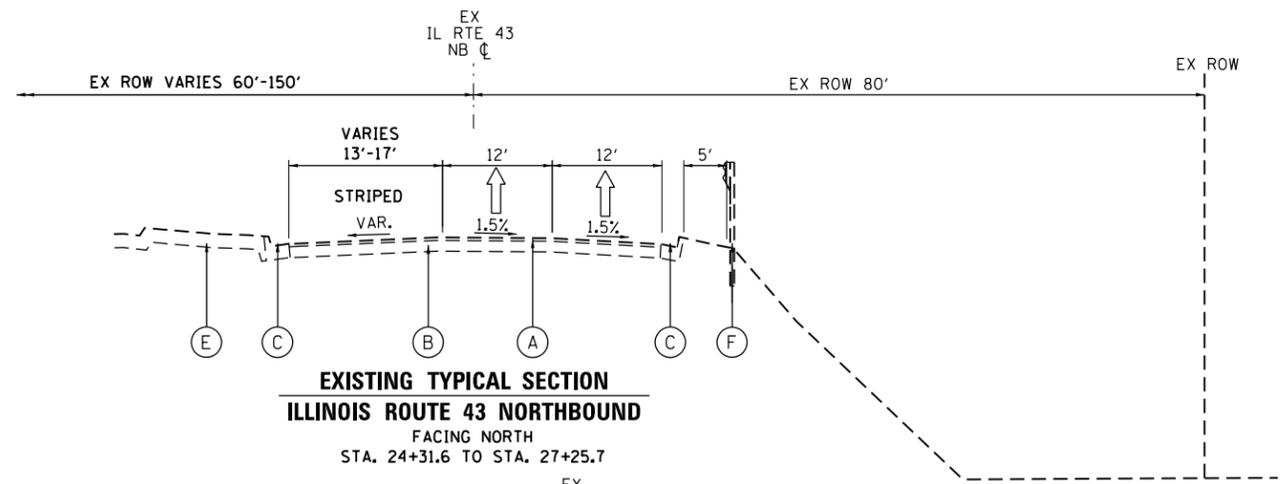


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PLOT DATE = 4/9/2021	CHECKED - MR	REVISED -
	DATE - 4/9/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	0708.08B-R(11)	COOK	105	8
CONTRACT NO			60T06	
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT				



• STA. 28+43.1 TO 28+74.1
TRANSITION FROM PROPOSED
1.5% CROSS SLOPE TO EXISTING

• STA. 26+44.3 TO 27+08.0
SEE FILL DRAINAGE PIT
TYP. SECTION BELOW

LEGEND

- (A) EXISTING HMA SURFACE COURSE, 4"
- (B) EXISTING PCC PAVEMENT, 10"
- (C) EXISTING CURB AND GUTTER, TY-B6.24
- (D) EXISTING PCC SIDEWALK, 5'
- (E) EXISTING PCC MEDIAN
- (F) EXISTING GUARDRAIL
- (G) EXISTING BRIDGE DECK
- (1) PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (2) PROPOSED PCC PAVEMENT 10" (JOINTED)
- (3) PROPOSED COMB. CONC. CURB AND GUTTER, TY-B 6.24
- (4) PROPOSED RETAINING WALL
- (6) PROPOSED HMA BIKE PATH (2" HMA & 8" AGG. BASE CRS)
PROPOSED PCC BIKE PATH (5" PCC & 4" AGG. BASE CRS)
- (7) PROPOSED PCC SIDEWALK, 5"
- (8) PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A
- (9) CHAIN LINK FENCE
- (11) NOT USED
- (12) NOT USED
- (13) NOT USED
- (14) PROPOSED TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 2A
- (15) PROPOSED AGGREGATE SHOULDER, 10"
- (16) PROPOSED TOPSOIL FURNISH AND PLACE, 6" AND SEEDING, CLASS 4

REVISOR 1 REVISED SHEET 4/12/2021

PRINTED DATE: 4/9/2021
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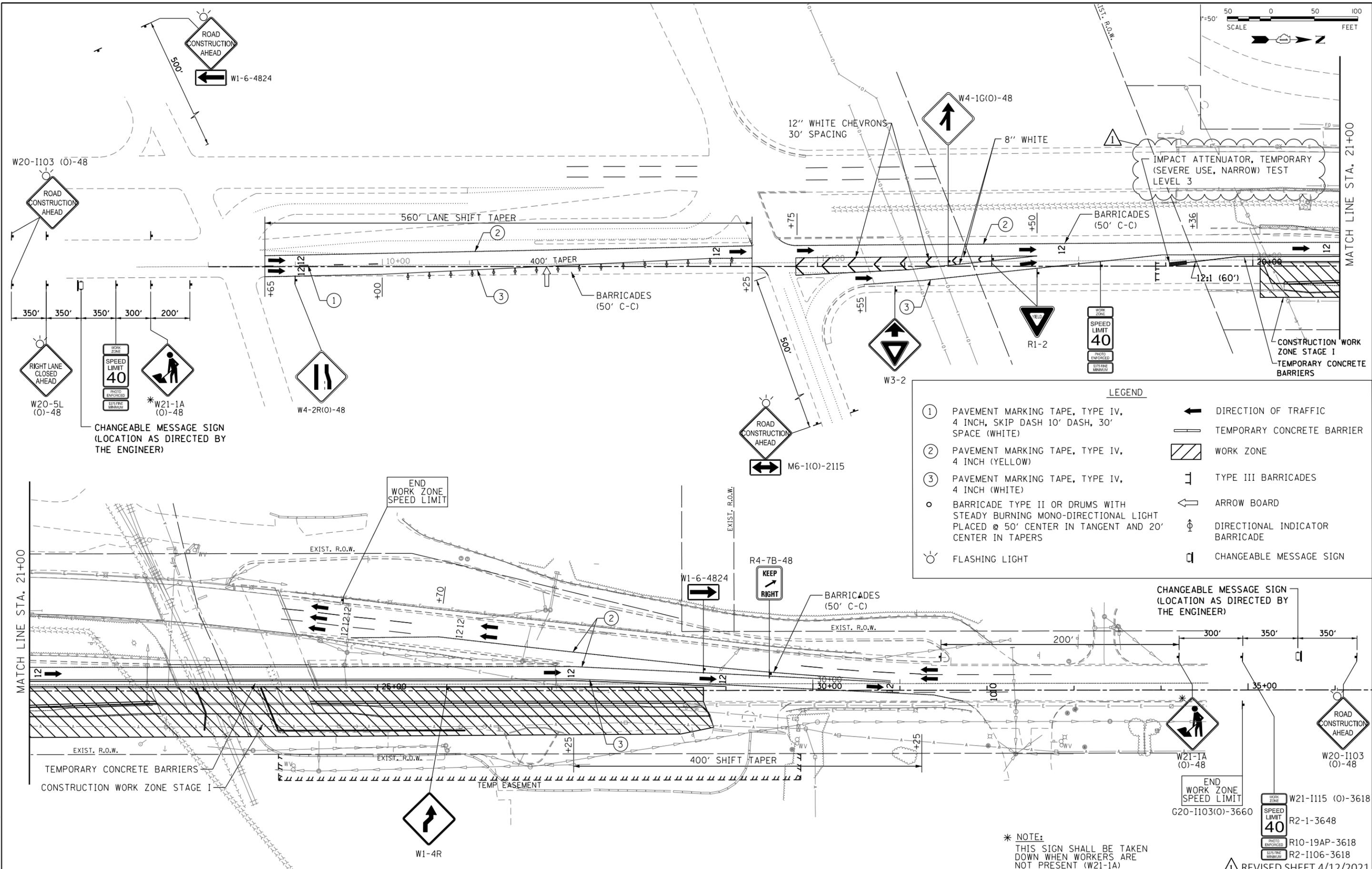


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	DATE - 4/9/2021	REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED TYPICAL SECTIONS

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	0708.08B-R(11)	COOK	105	9
CONTRACT NO 60T06				
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT				



LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV, 4 INCH, SKIP DASH 10' DASH, 30' SPACE (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4 INCH (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4 INCH (WHITE)
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- ⚡ FLASHING LIGHT
- ← DIRECTION OF TRAFFIC
- ▬ TEMPORARY CONCRETE BARRIER
- ▨ WORK ZONE
- ⊥ TYPE III BARRICADES
- ⇐ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE
- CHANGEABLE MESSAGE SIGN

*** NOTE:**
THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT (W21-1A)

REVISED SHEET 4/12/2021

PRINTED DATE: 4/9/2021
FILE NAME: 11.D160706-sh1-MDT-1.dgn

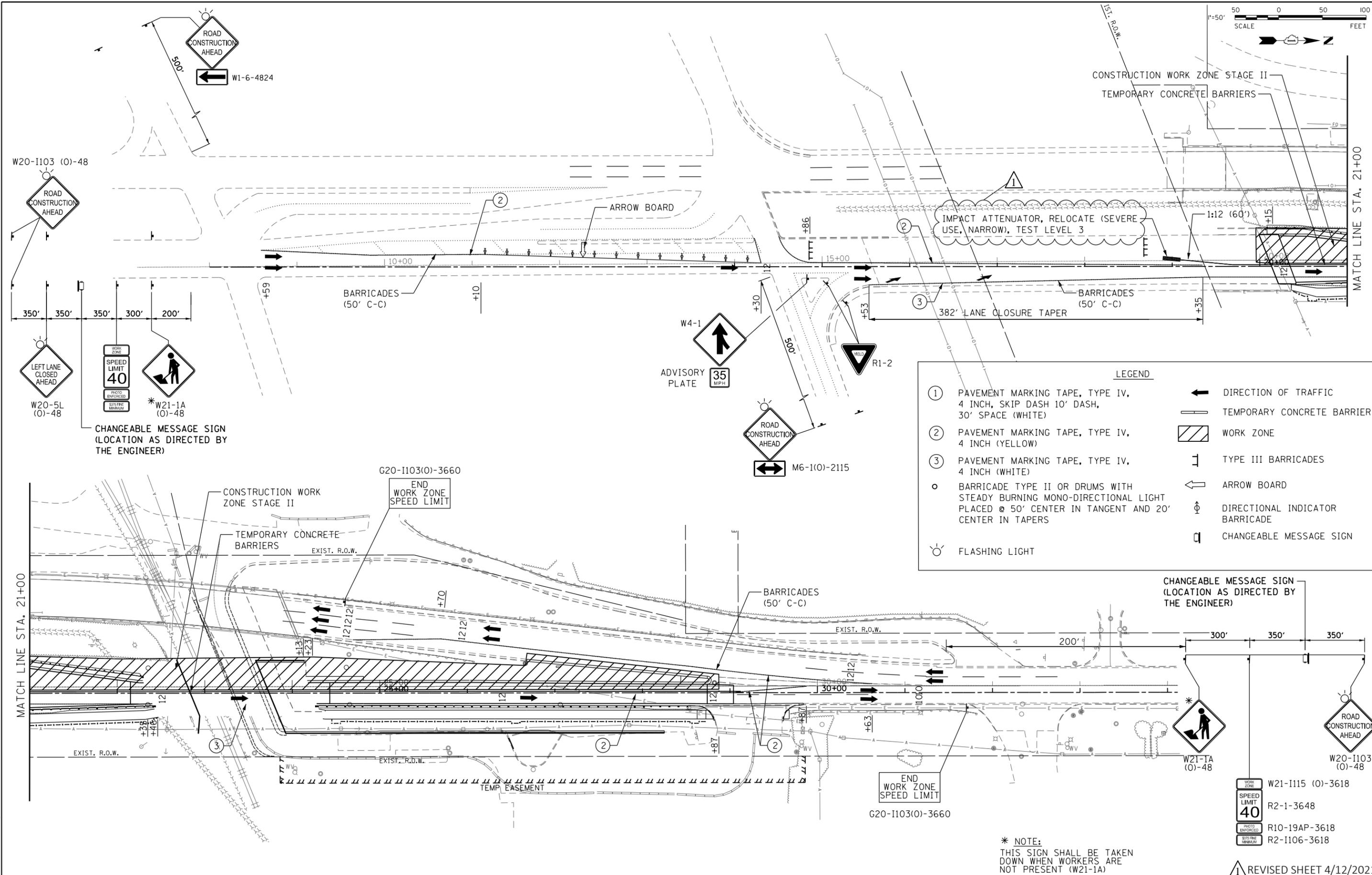


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PLOT DATE = 4/9/2021	CHECKED - MR	REVISED -
	DATE - 4/9/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC- STAGE I

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	0708.08B-R(11)	COOK	105	15
CONTRACT NO 60T06				
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT				



LEGEND

- ① PAVEMENT MARKING TAPE, TYPE IV, 4 INCH, SKIP DASH 10' DASH, 30' SPACE (WHITE)
- ② PAVEMENT MARKING TAPE, TYPE IV, 4 INCH (YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE IV, 4 INCH (WHITE)
- BARRICADE TYPE II OR DRUMS WITH STEADY BURNING MONO-DIRECTIONAL LIGHT PLACED @ 50' CENTER IN TANGENT AND 20' CENTER IN TAPERS
- ⚡ FLASHING LIGHT
- ← DIRECTION OF TRAFFIC
- TEMPORARY CONCRETE BARRIER
- ▨ WORK ZONE
- ⊥ TYPE III BARRICADES
- ⇄ ARROW BOARD
- ⊕ DIRECTIONAL INDICATOR BARRICADE
- CHANGEABLE MESSAGE SIGN

* NOTE:
THIS SIGN SHALL BE TAKEN DOWN WHEN WORKERS ARE NOT PRESENT (W21-1A)

REVIS 1 04/12/2021

PRINTED DATE: 4/9/2021
FILE NAME: 12_0160106-ah1-MOT_2.dgn



USER NAME = e1100	DESIGNED - JY	REVISED 1 04/08/2021 MAR
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PLOT DATE = 4/9/2021	CHECKED - MR	REVISED -
	DATE - 4/9/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC- STAGE II

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
348	0708.08B-R(11)	COOK	105	16
CONTRACT NO			60T06	
FED. ROAD DIST. NO. 1 ILLINOIS FEDERAL AID PROJECT				

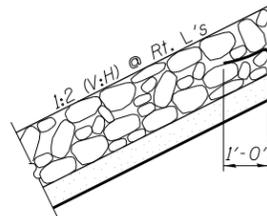
GENERAL NOTES

- Fasteners shall be ASTM F 3125 Grade A325 Type 1, mechanically galvanized bolts. Bolts 7/8-in. ϕ , holes 15/16-in. ϕ , unless otherwise noted.
- Calculated weight of Structural Steel = 9120 lb (Grade 36)
119080 lb (Grade 50)
- No field welding is permitted except as specified in the contract documents.
- Reinforcement bars designated (E) shall be epoxy coated.
- If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
- The Inorganic Zinc Rich Primer / Acrylic / Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the final finish coat for all interior steel surfaces shall be gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be reddish brown, Munsell No. 2.5YR3/4.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer.
- Existing Bridge Railing (including splices and posts) shall be salvaged by the Contractor and delivered to the IDOT District Bridge Maintenance Yard located at 1101 Biesterfeld Road, Elk Grove Village, Illinois, 60007. Telephone number: (847) 956-1444 (48 hours advance notice required). This work shall include removing, transporting and unloading the Bridge Railing at the above yard, which cost shall be included in the cost of Removal of Existing Structures.
- Slipforming of parapets is not allowed.

12. The limits of Protective Shield are the length (163'-5 1/4") and width (56'-6") of the existing bridge. ▲

INDEX OF SHEETS

- General Plan and Elevation
- General Data
- Stage Construction Details
- Temporary Concrete Barrier for Stage Construction
- 6-7 Top of Slab Elevations
- 7 Top of Approach Slab Elevations
- 8-10 Superstructure
- 11 Diaphragm Details
- 12-15 Bridge Approach Slab Details
- 16-17 Drainage Details
- 18 Bridge Fence Railing, Sidewalk Mounted
- 19 Aluminum Railing, Type L
- 20-21 Structural Steel
- 22 Bearing Details
- 23 Substructure Removal
- 24-25 Abutment Details
- 26 Pier
- 27 Metal Shell Pile Details
- 28 Bar Splicers
- 29-32 South Soldier Pile Wall
- 33 North MSE Wall
- 34-39 North Soldier Pile Wall
- 40-44 Boring Logs

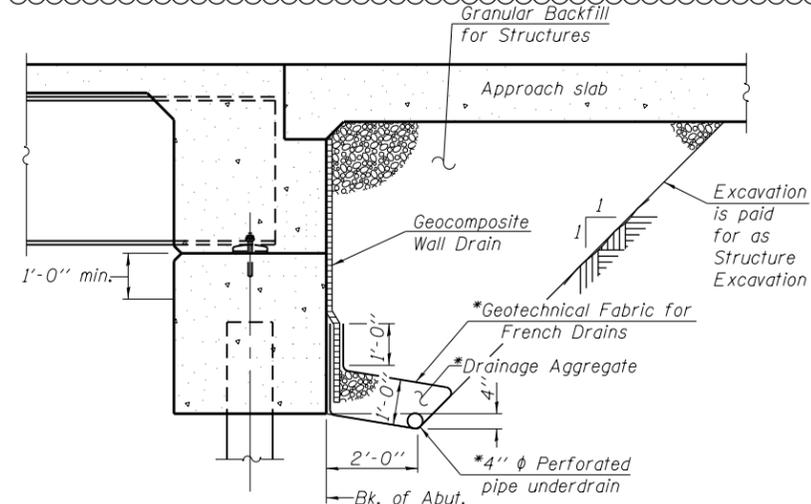


RIPRAP FOR SECTIONS THRU INTEGRAL ABUTMENT

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	S. SOLDIER PILE WALL	N. MSE WALL	N. SOLDIER PILE WALL	TOTAL
Porous Granular Backfill	Cu. Yd.	-	-	58.2	-	-	58.2
Stone Riprap, Class A2	Sq. Yd.	-	252	-	-	-	252
Filter Fabric	Sq. Yd.	-	252	-	-	-	252
Protective Coat	Sq. Yd.	1156	-	-	-	-	1156
Removal of Existing Structures	Each	-	-	-	-	-	-
Protective Shield	Sq. Yd.	1026	-	-	-	-	1026
Structure Excavation	Cu. Yd.	-	262	-	37.6	-	299.6
Concrete Structures	Cu. Yd.	33.2	164.2	37.7	-	160.4	395.5
Concrete Superstructure	Cu. Yd.	231.3	-	-	-	-	231.3
Bridge Deck Grooving	Sq. Yd.	726	-	-	-	-	726
Concrete Superstructure (Approach Slab)	Cu. Yd.	170.0	-	-	-	-	170.0
Furnishing and Erecting Structural Steel	L. Sum	1	-	-	-	-	1
Stud Shear Connectors	Each	4356	-	140	-	544	5040
Reinforcement Bars	Pound	-	5880	-	-	-	5880
Reinforcement Bars, Epoxy Coated**	Pound	103120	29280	4180	-	28330	164910
Bar Splicers	Each	624	80	-	-	-	704
Aluminum Railing, Type L	Foot	188	-	-	-	-	188
Bicycle Railing	Foot	188	-	-	-	-	188
Parapet Railing	Foot	188	-	-	-	-	188
Furnishing Metal Shell Piles 14" X 0.312"	Foot	-	872	-	-	-	872
Driving Piles	Foot	-	872	-	-	-	872
Test Pile Metal Shells	Each	-	2	-	-	-	2
Name Plates	Each	1	-	1	-	1	3
Drilled Shaft in Soil	Cu. Yd.	-	137.8	-	-	-	137.8
Drilled Shaft in Rock	Cu. Yd.	-	3.7	-	-	-	3.7
Anchor Bolts, 1"	Each	-	36	-	-	-	36
Temporary Soil Retention System	Sq. Ft.	-	-	-	-	-	1128
Furnishing Soldier Piles (HP Section)	Foot	-	-	95.9	-	-	95.9
Furnishing Soldier Piles (W Section)	Foot	-	-	397.5	-	1845.3	2242.8
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	-	-	1986	-	11140	13126
Untreated Timber Lagging	Sq. Ft.	-	-	909	-	4314	5223
Mechanically Stabilized Earth Retaining Wall	Sq. Ft.	-	-	-	3611	-	3611
Geocomposite Wall Drain	Sq. Yd.	-	54	101	-	480	635
Granular Backfill for Structures	Cu. Yd.	-	91	-	-	-	91
Drainage System	L. Sum	1	-	-	-	-	1
Drainage Scuppers, DS-11	Each	9	-	-	-	-	9
Pipe Underdrains for Structures, 4"	Foot	-	161	-	-	325	486
Aggregate Column Ground Improvement	L. Sum	-	-	-	1	-	1
Concrete Removal	Cu. Yd.	-	-	-	-	50	50

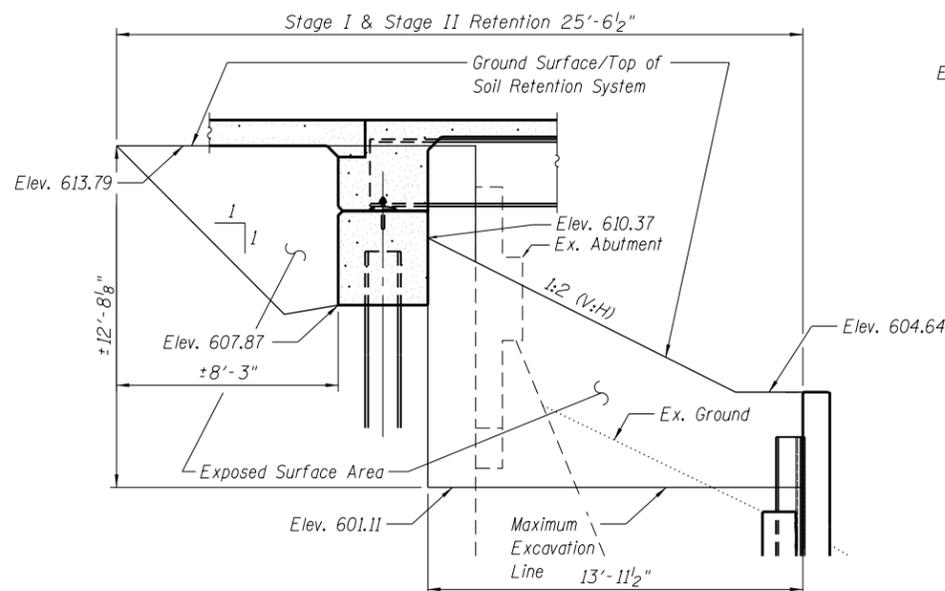
** All reinforcement bars in the superstructure and approaches shall be textured epoxy coated reinforcement bars. See special provisions.



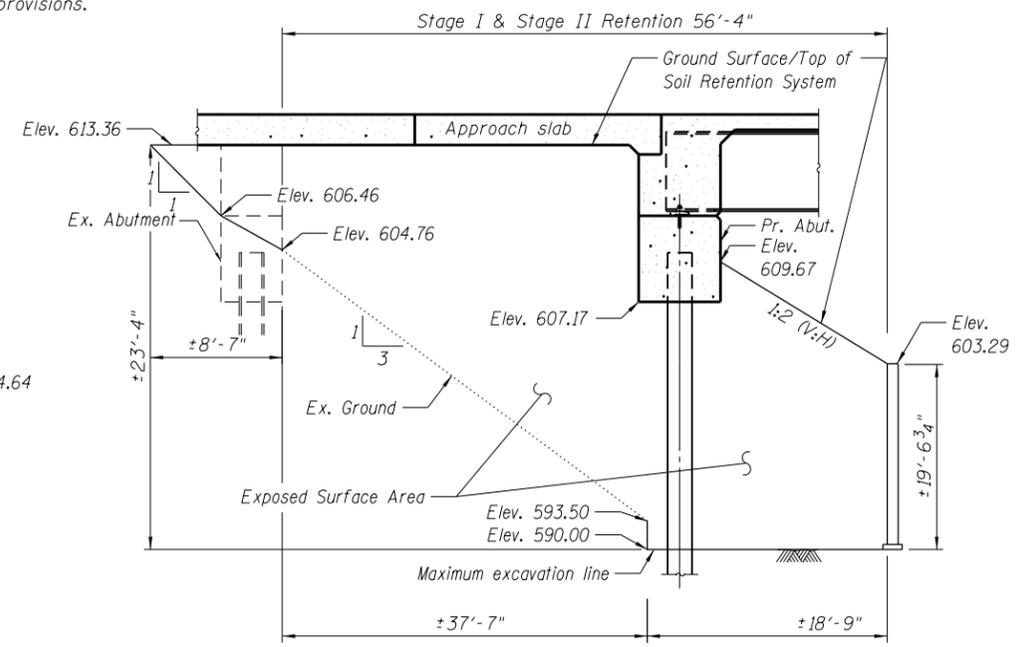
SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures. (See Special Provisions)

Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall extend until intersecting with the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 601101).



TEMPORARY SOIL RETENTION SYSTEM
(Staging construction at S. Abut.)



TEMPORARY SOIL RETENTION SYSTEM
(Staging construction at N. Abut.)

▲ REVISED SHEET 4/9/2021

PRINTED DATE: 4/9/2021
FILE NAME: 60T06_002.dwg



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	CHECKED - CMW	REVISION 2	
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PLOT DATE = 4/9/2021	CHECKED - CMW	REVISION 4	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 016-1330**

SHEET NO 2 OF 44 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	0708.08B-R(11)	COOK	105	37
CONTRACT NO 60T06				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				