


GENERAL NOTES:

1. THE FINAL TOP FOUR INCHES OF SOIL IN ANY RIGHT-OF-WAY AREA DISTURBED BY THE CONTRACTOR MUST BE CAPABLE OF SUPPORTING VEGETATION. THE SOIL MUST BE FROM THE A HORIZON (ZERO TO 2' DEEP) OF SOIL PROFILES OF LOCAL SOILS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES BID FOR SEEDING CLASS 2 (SPECIAL).
 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022, AND THE ORDINANCES OF DEKALB COUNTY, IL.
 3. FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE SPECIFIED IN SECTIONS 250 AND 252 OF THE STANDARD SPECIFICATIONS. THIS SHALL BE INCLUDED IN THE COST OF SEEDING.
 4. ALL EMBANKMENT CONSTRUCTED OF COHESIVE SOIL SHALL BE CONSTRUCTED WITH NOT MORE THAN 110% OF OPTIMUM MOISTURE CONTENT, DETERMINED BY THE STANDARD PROCTOR TEST. COHESIVE SOIL SHALL BE DEFINED AS ANY SOIL WHICH CONTAINS GREATER THAN 10% PARTICLES BY WEIGHT PASSING THE #200 SIEVE. THE 110% OF OPTIMUM MOISTURE LIMIT MAY BE WAIVED IN FREE-DRAINING GRANULAR MATERIAL WHEN APPROVED BY THE ENGINEER.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123. THE UTILITIES LOCATED WITHIN THE PROJECT LIMITS OR IMMEDIATELY ADJACENT TO THE PROJECT CONSTRUCTION LIMITS ARE LISTED ON THE COVER SHEET.
 6. THE APPLICABLE PORTIONS OF ARTICLE 105.07 OF THE STANDARD SPECIFICATION SHALL APPLY EXCEPT FOR THE FOLLOWING: THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE THE VERTICAL DEPTHS OF THE UNDERGROUND UTILITIES WHICH MAY INTERFERE WITH CONSTRUCTION OPERATIONS. THIS WORK WILL NOT BE MEASURED OR PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR THE ITEM OF CONSTRUCTION INVOLVED.
 7. FULL-DEPTH EXISTING PAVEMENT REMOVAL SHALL BE INCIDENTAL TO EARTH EXCAVATION (SPECIAL). IF NECESSARY, MILLING OF HMA BINDER SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2".
- B. A PRECAST BOX CULVERT OPTION IS NOT ALLOWED. 

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05 TONS / CU YD
HOT MIX ASPHALT	112 LBS / SY * IN
BITUMINOUS MATERIALS (PRIME COAT) (ON GRAVEL)	0.25 LBS / SF
BITUMINOUS MATERIALS (TACK COAT) (BETWEEN LIFTS)	0.025 LBS / SF
TEMPORARY EROSION CONTROL SEEDING	100 LBS / ACRE / APPLICATION

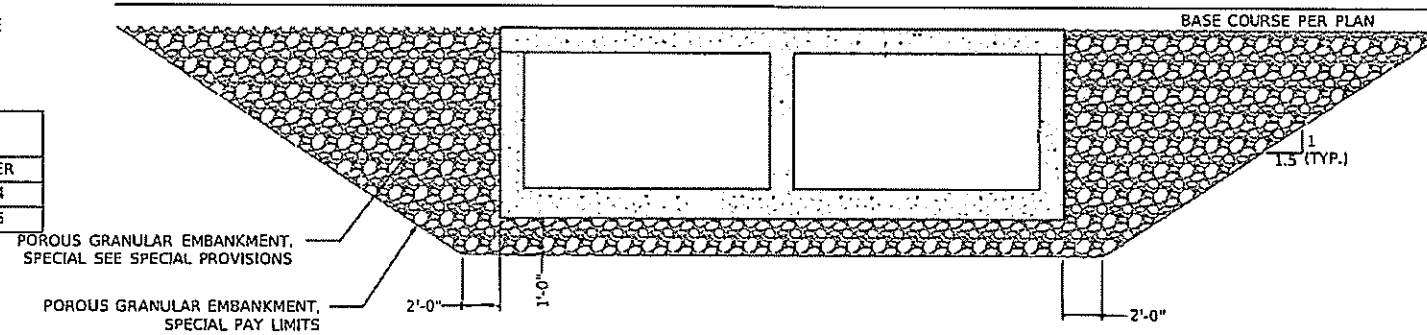
BENCHMARK INFORMATION:

B.M. #400 - FOUND RAILROAD SPIKE IN SOUTH SIDE OF FIRST POWER POLE WEST OF EXISTING STRUCTURE, NORTH SIDE OF PERRY ROAD.
ELEV = 802.27, NORTHING = 1888046.683 EASTING = 897173.692

B.M. #401 - SET CHISELED "C" ON N.E. CORNER OF EXISTING BRIDGE DECK.
ELEV = 801.32, NORTHING = 1888026.975 EASTING = 897325.742

B.M. #402 - SET MAG SPIKE IN SOUTH SIDE OF SECOND POWER POLE EAST OF EXISTING STRUCTURE, NORTH SIDE OF PERRY ROAD.
ELEV = 800.24, NORTHING = 1888065.584 EASTING 897578.792

UTILITY CONTACT INFORMATION			
UTILITY	COMPANY	CONTACT	PHONE NUMBER
ELECTRIC	COMED	RONALD KONOPASEK	630-576-7094
COMMUNICATIONS	FRONTIER	KALIN HINSHAW	815-895-1515



BACKFILL DIAGRAM
NTS

NOTE:

THE LOCATION AND CONDITION OF UNDERGROUND UTILITIES SHOWN ON ALL PLAN DRAWINGS ARE BASED UPON INFORMATION PROVIDED BY OTHERS. WENDLER ENGINEERING SERVICES, INC. MAKES NO GUARANTEE OR WARRANTY, EXPRESSED OR IMPLIED, FOR THE ACCURACY AND LOCATION OF THE UNDERGROUND UTILITIES. CONTACT J.U.L.I.E. AT 1-800-892-0123 A MINIMUM OF 48 HOURS BEFORE YOU DIG.



SUMMARY OF QUANTITIES

CODE	ITEM	UNIT	TOTAL
25100630	EROSION CONTROL BLANKET	SQ YD	586
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	13
28000400	PERIMETER EROSION BARRIER	FOOT	252
28000500	INLET AND PIPE PROTECTION	EACH	3
31101810	SUBBASE GRANULAR MATERIAL, TYPE B 12"	SO YD	348
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SO YD	528
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	35
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	698
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	140
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	107
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	27
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	313
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	62,810
51500100	NAME PLATES	EACH	1
52200015	PERMANENT SHEET PILING	ISO FT	1,869
54003000	CONCRETE BOX CULVERTS	CU YD	218.3
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	3
550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	208
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	213
67100100	MOBILIZATION	L SUM	1
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	940
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SO YD	213
X2020410	EARTH EXCAVATION (SPECIAL)	CU YD	20
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	613
X2501000	SEEDING, CLASS 2 (SPECIAL)	ACRE	0.12
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
XX004565	GRDUTED RIP RAP	SO YD	68

 SPECIALTY ITEM

HMA MIXTURE REQUIREMENT TABLE		
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER	HMA SURFACE
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5
FRICITION AGGREGATE:		MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA
SUBLOT SIZE:	NA	NA
DENSITY TEST METHOD:	CORES	CORES
MATERIAL TRANSFER DEVICE (REQUIRED):	NO	NO

DEKALB COUNTY HIGHWAY DEPARTMENT
 PROJECT NO. 18-00050-02-BR
 SHEET NO. 14 OF 22
 DATE: 5/16/24
 DRAWN BY: CTC
 CHECKED BY: SAB
 DESIGNED BY: CTC
 REVISIONS: 5/16/2024

	USER NAME = chad elson	DESIGNED = CTC	REVISED = 5/16/2024 	DEKALB COUNTY HIGHWAY DEPARTMENT	GENERAL NOTES & SUMMARY OF QUANTITIES	CH. RTE. = 7	SECTION = 18-00050-02-BR	COUNTY = DEKALB	TOTAL SHEETS = 14	SHEET NO. = 2
	PLOT SCALE = AS NOTED PLOT DATE = 5/16/24 FILE NAME = plan-2228087 - no row 4.28, 4.29, 4.30	DRAWN = CTC CHECKED = SAB DATE = 4/30/2024	REVISED = REVISED = REVISED =			SCALE = SHEET = OF SHEETS STA. = TO STA. =	CONTRACT NO. = 87789 ILLINOIS FED. AID PROJECT =			