#### **GENERAL NOTES**

- GN 100A ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR
- GN 100C THE RESIDENT ENGINEER SHALL FURNISH THE CITY ENGINEER FOR URBANA AND CHAMPAIGN WITH AS-BUILT PLAN INFORMATION FOR THE STORM SEWER CONNECTIONS.
- GN 105.07C EXISTING STATE-OWNED AND MAINTAINED UNDERGROUND UTILITY FACILITIES EXIST WITHIN THE ROW. THE DEPARTMENT IS NOT A MEMBER OF JULIE AND DOES NOT LOCATE IT'S OWN FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR OWN EXPENSE FOR SECURING AN APPROVED LOCATING FIRM TO LOCATE ALL EXISTING IDOT UNDERGROUND FACILITIES PRIOR TO COMMENCING ANY EXCAVATION, PER THE REQUIREMENTS OF ARTICLE 803 OF THE STANDARD SPECIFICATIONS. UTILITY LOCATES MAY ALSO BE REQUIRED OUTSIDE THE PROJECT LIMITS, SUCH AS FOR TRAFFIC CONTROL SIGNING AND OTHER ITEMS. THE CONTRACTOR MAY OBTAIN, ON REQUEST, PLANS OF EXISTING ELECTRICAL FACILITIES FROM THE DEPARTMENT. FOR FURTHER INFORMATION, THECONTRACTOR MAY CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER, GARY SIMS, AT 217-251-4859.
- GN 105.09A ALL ELEVATIONS SHOWN IN THE PLANS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)
- GN 107.12 THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

MR. NICHOLAS BURWELL MANAGER, PUBLIC PROJECTS - CN RAILROAD 1006 E 4TH STREET WATERLOO, IA 50703 (319) 236-9205 

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

U.S. FLAGGING DESK 17641 SOUTH ASHLAND AVENUE HOMEWOOD, IL 60430 (682) 316-5097 

SOME RAILROADS REQUIRE CONTRACTORS TO OBTAIN A RIGHT OF ENTRY PERMIT BEFORE ENTERING UPON RAILROAD RIGHT OF WAY. IT IS THE REPONSIBILITY OF CONTRACTOR TO OBTAIN A RAILROAD RIGHT OF ENTRY PERMIT FROM THE RAILROAD IF REQUIRED BY THE RAILROAD(S).

- GN 201 TREES THAT INTERFERE WITH THE CONSTRUCTION OPERATIONS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ANY TREE DUE TO ITS LOCATION AND DEEMED SUITABLE FOR SAVING BY THE ENGINEER SHALL BE PROTECTED DURING CLEARING AND SUBSEQUENT CONSTRUCTION OPERATIONS.
- GN 202 GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF THE TEMPORARY EASMENTS AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

- GN 250C SEEDING, CLASS 7 AND MULCH, METHOD 2 IS INCLUDED IN THIS CONTRACT TO SEED NEW EARTH SHOULDERS DURING TIME PERIODS WHEN PERMANENT SEEDING IS NOT ALLOWED. SOME OR ALL OF THE CLASS 7 SEEDING AND MULCH WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.
- GN 406 THE QUANTITIES INCLUDED IN THE PLANS FOR HOT-MIX ASPHALT RESURFACING ARE INTENDED TO GIVE THE COVERAGE SHOWN ON THE TYPICAL CROSS SECTIONS IT IS NOT INTENDED TO INCREASE THE THICKNESS OF THE HOT-MIX ASPHALT MIXTURE IN ORDER TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT.
- GN 406.10 WHEN BEGINNING THE RESURFACING WITH NEW MIXTURES FOR LEVELING BINDER, BINDER COURSE, AND SURFACE COURSE MIXTURES, THE WORK WILL BE CONFINED TO THE INSIDE TRAFFIC LANE (PASSING LANE) FIRST. THE WORK WILL REMAIN ON THE INSIDE LANE UNTIL THE MIX HAS BEEN ADJUSTED AND APPROVED BY THE ENGINEER BEFORE ANY RESURFACING IS ALLOWED ON THE OUTSIDE(DRIVING) TRAFFIC LANE(S). ANY DELAYS OR INCONVENIENCES CAUSED THE CONTRACTOR IN COMPLYING WITH THIS REQUIREMENT WILL BE CONSIDERED INCIDENTAL TO THE VARIOUS HOT-MIX ASHPALT PAY ITEMS, AS SHOWN IN THE CONTRACT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

Due to plan revisions, references in the contract plans and specifications to Pay Item 40605034 – POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 12.5, MIX "E", N80 or variation of the description of, shall be replaced with Pay Item 40604174 - POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N95

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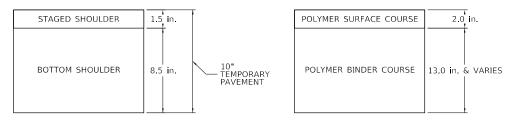
GN 406H MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT

I-74 <b>&gt;</b>	I-74	I-74	I-74	I-74	I-74	
der Surface (	Polymer Surface	Polymer Binder	Polymer Binder	Staged Shoulder	Bottom Shoulder	
		)				
64-22	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	
Ndes=30      N	4.0% @ Ndes=90	<b>〈</b> 4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=70	4.0% @ Ndes=70	
_ 9.5L <b>}</b>	IL 9.5	<b>S</b> IL 9.5 FG	IL 19.0	IL 9.5	IL 19.0	
Mix C (	Mix E	) N.A.	N.A.	M <b>i</b> x C	N.A.	
112	112	112	112	112	112	
QC/QA S	QC/QA	<b>₹</b> QC/QA	QC/QA	QC/QA	QC/QA	
N.A.	N.A.	≺ N.A.	N.A.	N.A.	N.A.	
	der Surface (6) 64-22	ler Surface   Polymer Surface	Polymer Surface   Polymer Binder   Surface   Polymer Binder   SBS PG 70-22   SB	Polymer Surface   Polymer Binder   Pol	Polymer Surface   Polymer Surface   Polymer Binder   Polymer Binder   Staged Shoulder	

TEMPORARY PAVEMENT SHALL CONSIST OF:

PAVEMENT CONNECTOR (HMA) SHALL CONSIST OF:



- GN 482 ALL LOW ESAL MIXTURE PLACED AS HOT-MIX ASPHALT SHOULDERS SHALL BE COMPACTED TO 94.0 - 98.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY. THIS REQUIREMENT SHALL APPLY TO IL 9.5L GRADATION MIXES. THIS MAXIMUM DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE OF FOUR TESTS AS IN OTHER QC/QA TESTING. A NUCLEAR GAUGE DENSITY/CORE CORRELATION SHALL BE PERFORMED FOR THE IL 9.5L USING STANDARD CORRELATION PROCEDURES WHEN MORE THAN 3,000 TONS ARE TO BE PLACED.
- GN 551A THE RESIDENT ENGINEER SHALL NOTIFY THE PUBLIC WORKS DEPARTMENTS FOR THE CITY OF CHAMPAIGN AND THE CITY OF URBANA PRIOR TO MAKING CONNECTIONS TO THEIR SYSTEMS

CHRIS SOKOLOWSKI ASSISTANT CITY ENGINEER CHAMPAIGN PUBLIC WORKS 217-403-4700



- PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL WELD THE GRATINGS TO THE FRAMES ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.
  - GN 667 THE RESIDENT ENGINEER SHALL CONTACT THE PROGRAM DEVELOPMENT CHIEF OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION OF SURVEYS PRIOR TO THE PRE-CONSTRUCTION CONFERENCE FOR INSTRUCTION AS TO SETTING OF TEMPORARY OR PERMANENT TIES FOR CENTERLINE ALIGNMENT CONTROL SURVEY MARKERS (PC'S, PT'S, AND PI'S). PROJECT IMPLEMENTATION PERSONNEL WILL BE RESPONSIBLE FOR LAYOUT OF THESE MARKERS.
- GN 703A SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), LEVELING BINDER (MACHINE METHOD), BINDER AND SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET
- GN 781 THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.
- GN Z0038 AN ALUMINUM TABLET OF THE TYPE SHOWN ON STANDARD 667101 SHALL BE PLACED ON THE PROPOSED STRUCTURE AS DIRECTED BY THE ENGINEER. THE BENCH MARK ELEVATION WILL BE ESTABLISHED AND MARKED BY THE DEPARTMENT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR PERMANENT BENCH MARKS.

SCALE:

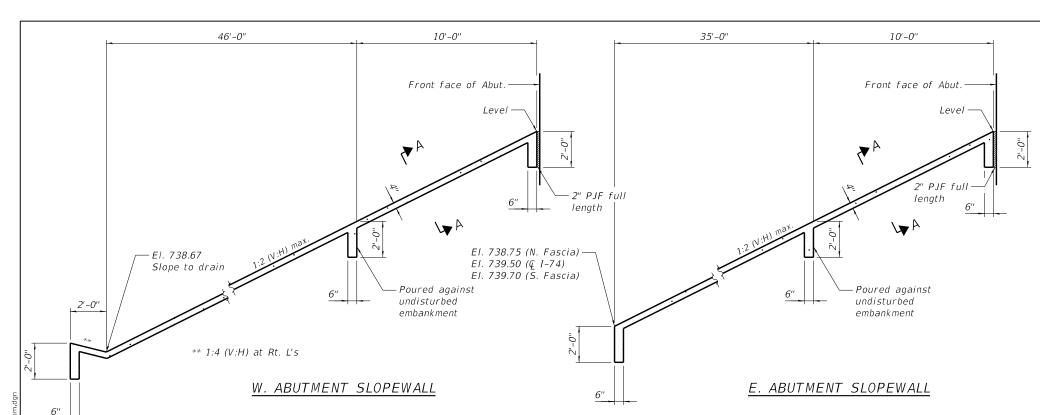
#### COMMITMENTS

NONE.

	FILE NAME =	USER NAME = zimona	DESIGNED -	JP	REVISED - /\(\big  03/23/20
	D570C64-sht-gennote-002.dgn		DRAWN -	JP	REVISED -
E.N	exp U.S. Services Inc. Chicago, IL BI III DIMOS, EADTH & ENVIRONMENT, ENERGY	PLOT SCALE = 2.0000 / in.	CHECKED -	DH	REVISED -
FI	BUILDINGS • EARTH & ENVIRONMENT • ENERGY INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY	PLOT DATE = 3/23/2020	DATE -	10/16/2019	REVISED -

STATE OF ILLINOIS					
DEPARTMENT	0F	TRANSPORTATION			

GENERAL NOTES AND COMMITMENTS				F.A.I. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
				74	(14-1)BR, (14HB-2)BR-1		CHAMPAIGN	201	3		
									CONTRACT	NO. 70	C64
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS	EED Δ	ID PROJECT		



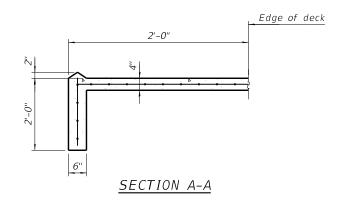
Slopewall shall be reinforced with welded wire fabric, 6 in x 6 in - W4.0 x 4.0, weighing 58 lbs. per 100 sq. ft. Cost of welded wire fabric included with Slopewall 4".

## — Ç Exist. & Prop. Brg. ,— Granular Backfill for Structures - Approach Slab Geocomposite Wall Drain Bk. Exist. Abut. -Bk. Prop. Abut. See Note Geotéchnical Fabric for French Drains\* Drainage Aggregate\* Excavation is paid for as Structure Excavation 4" Ø Perforated 2'-0" Structure excavation required to pipe underdrain\* remove the existing slopewall and to construct the pile cap facing is \* Included in the cost of Pipe Underdrains for included in the cost of Slope Wall Structures. (See Special Provisions)

# SECTION THRU ABUTMENT

(Horizontal dim. at Rt. L's)

All pipe underdrain system components shall extend full width of the abutments between the exist. wingwalls. The pipe shall extend under the existing wingwall footings 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).



STATION 1219+00.14

RE-BUILT 20 BY

STATE OF ILLINOIS

F.A.I. RT. 74

SEC. (14-1)BR, (14HB-2)BR-1

LOADING HL-93

STRUCTURE NO. 010-0021

# NAME PLATE See Std. 515001

The two existing Name Plates shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

### TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Superstructures No. 2	Each	1		1
Concrete Removal	Cu Yd		360.6	360.6
Slope Wall Removal	Sq Yd		1,687	1,687
Protective Shield	Sq Yd	4,228		4,228
Structure Excavation	Cu Yd		1,306	1,306
Concrete Structures	Cu Yd	77.8	692.0	769.8
Concrete Superstructure	Cu Yd	2,899.1		2,899.1
Protective Coat	Sq Yd	1,552		1,552
Concrete Superstructure (Approach Slab)	Cu Yd	346.4		346.4
Furnishing and Erecting Structural Steel	L Sum	0.8		0.8
Stud Shear Connectors	Each	35,440		35,440
Reinforcement Bars, Epoxy Coated	Pound	933,720	83,860	1,017,580
Bar Splicers	Each		363	363
Slope Wall 4 Inch	Sq Yd		1,593	1,593
Name Plates	Each	1		1
Preformed Joint Seal 2 1/2"	Foot	787		787
Elastomeric Bearing Assembly, Type II	Each	32		32
Anchor Bolts, 1"	Each	32		32
Anchor Bolts, 1 1/4"	Each	96		96
Anchor Bolts, 1 1/2"	Each	128		128
Temporary Sheet Piling	Sq Ft		933	933
Granular Backfill for Structures	Cu Yd		1,064	1,064
Concrete Sealer	Sq Ft		4,045	4,045
Epoxy Crack Injection	Foot		53	53
Geocomposite Wall Drain	Sq Yd		377	377
Bridge Deck Grooving (Longitudinal)	Sq Yd	10,042	Y	10,042
High Load Multi-Rotational Bearings, Guided			$\sim$	

Bridge Deck Grooving (Longitudinal)	Sq Yd	10,042		10,042
High Load Multi-Rotational Bearings, Guided Expansion, 500K	Each	16		16
High Load Multi-Rotational Bearings, Guided Expansion, 700K	Each	16		16
High Load Multi-Rotational Bearings, Fixed - 600K	Each	16		16
Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq Ft		271	271
Structural Repair of Concrete (Depth Greater Than 5 Inches)	Sq Ft		84	84
Drainage Scuppers, DS-11	Each	20		20
Drainage System	L Sum	0.8		0.8
Diamond Grinding (Bridge Section)	Sq Yd	9,344		9,344
Modular Expansion Joint 6"	Foot	243		243
Pipe Underdrains for Structures 4"	Foot		358	358

USER NAME = DESIGNED - BK REVISED 
CHECKED - KK REVISED 
USER NAME = DESIGNED - BK REVISED 
CHECKED - KK REVISED 
DRAWN - MTR REVISED 
PLOT DATE = DRAWN - MTR REVISED 
PLOT DATE = CHECKED - BK REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| STRUCTURE NO. 010-0021 | SHEET SR-03 OF SR-63 SHEETS | SECTION | SHEET SR-03 OF SR-63 SHEETS | SHEET SR-03 OF SR-03 OF SR-03 SHEET SR-03 OF SR

Removal.