ITEM NO. 06A

**IDOT LETTING: MARCH 08, 2024** 

**CONSTRUCTION PLANS - FOR BID, ISSUED JANUARY 12, 2024** 

# RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

BI-STATE DEVELOPMENT ST. LOUIS DOWNTOWN AIRPORT (CPS) CAHOKIA HEIGHTS, ST. CLAIR COUNTY, ILLINOIS

IDA PROJECT NO. CPS-4833 SBG PROJECT NO. 3-17-SBGP-TBD

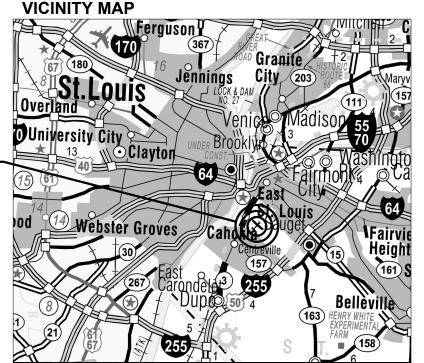
PROJECT LOCATION -

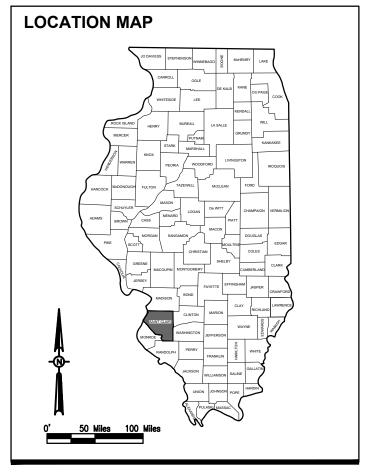


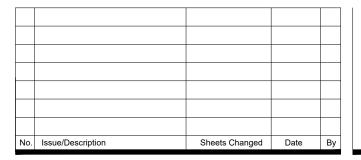
THIS PROJECT SHALL CONSIST OF THE REHABILITATION OF A PORTION OF CURTISS STEINBERG DRIVE ON THE NORTH SIDE OF THE AIRPORT, WITHIN THE GULFSTREAM CAMPUS. THE PROJECT INCLUDES PAVEMENT MILLING AND REMOVAL, EARTHWORK GRADING AND DRAINAGE, AGGREGATE PLACEMENT, BITUMINOUS PLACEMENT, PAVEMENT MARKING, EROSION CONTROL ITEMS AND INCIDENTALS.

## NOTICE TO CONTRACTORS AND BIDDERS

THESE CONSTRUCTION PLANS RELY UPON THE SPECIAL PROVISIONS AND THE SPECIFICATIONS TO PROVIDE FOR A COMPLETE DESCRIPTION OF THE WORK AND CONSTRUCTION REQUIREMENTS. THE PLANS SHALL ONLY BE USED IN COMBINATION WITH ALL CONTRACT DOCUMENTS.











SUMMARY OF QUANTITIES				
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	AS-BUILT QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L SUM	1	
AR150520	MOBILIZATION	L SUM	1	
AR150530	TRAFFIC MAINTENANCE	L SUM	1	
AR152410	UNCLASSIFIED EXCAVATION	CU YD	240	
AR152480	SHOULDER ADJUSTMENT	SQ YD	1,277	
AR156500	TEMPORARY EROSION CONTROL	L SUM	1	
AR156540	RIPRAP	SQ YD	140	
AR162750	DETECTOR LOOP	L SUM	1	
AR209606	CRUSHED AGG. BASE COURSE-6"	SQ YD	710	
AR401613	BIT. SURF. CSEMETHOD I, SUPERPAVE	TON	1,136	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	2,856	
AR401915	REM & REP BIT PAVEMENT-TYPE A	SQ YD	130	
AR602510	BITUMINOUS PRIME COAT	GALLON	248	
AR603510	BITUMINOUS TACK COAT	GALLON	1,006	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	1,094	
AR701200	SLOTTED DRAIN	FOOT	20	
AR705504	4" PERFORATED UNDERDRAIN	FOOT	260	
AR705620	UNDERDRAIN END SECTION	EACH	3	
AR705640	UNDERDRAIN CLEANOUT	EACH	3	
AR800536	SPEED BUMP	FOOT	54	
AR800583	REFLECTIVE CRACK CONTROL MATERIAL	SQ YD	3,527	
AR901510	SEEDING	ACRE	0.30	
AR908514	LIGHT-DUTY HYDRAULIC MULCH	ACRE	0.30	
AR910200	ROADWAY SIGN	EACH	2	
AR910975	RELOCATE ROADWAY SIGN	EACH	5	

INDEX TO SHEETS				
.AN				

# **GENERAL NOTES:**

PAYMENT WILL BE MADE UNDER THE ITEM NUMBERS, DESCRIPTIONS AND UNITS NOTED IN THE ABOVE TABLE IN ACCORDANCE WITH THE BASIS OF PAYMENT FOR EACH RESPECTIVE WORK ITEM COMPLETED AND ACCEPTED BY THE ENGINEER.

CERITIFIED PAYROLLS
THE RESIDENT ENGINEER/TECHNICIAN CANNOT FORWARD CONSTRUCTION REPORTS TO THE ILLINOIS DIVISION OF AERONAUTICS FOR PROCESSING UNTIL ALL CERTIFIED PAYROLLS FOR THE PERIOD HAVE BEEN RECEIVED.

MATERIAL CERTIFICATIONS
MATERIALS TO BE INCORPORATED INTO THE PROJECT CANNOT BE USED WITHOUT PRIOR APPROVAL. ALL MATERIALS TO BE USED IN THE PROJECT MUST BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. USE OF MATERIALS WITHOUT PRIOR APPROVAL AND ULTIMATELY DETERMINED TO BE UNACCEPTABLE BY THE ILLINOIS DIVISION OF AERONAUTICS ARE SUBJECT TO REMOVAL AND/OR NON-PAYMENT.

FILES FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION LAYOUT.

www.hanson-inc.com

Hanson Professional Services Inc. 1525 S. 6th Street Springfield, IL 62703 phone: 217-788-2450 fax: 217-788-2503

Professional Service Corporation #184-001084



Bi-State Development 6100 Archview Drive Cahokia Heights, IL 62206-1445



RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
NO.	DAIL	DES	DWN	REV
ISSUE:	JANUAF	RY 12,	2024	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: G-002-F	LP.DWG		

DESIGN BY: MJD 7/6/2022

DRAWN BY: HLE 7/6/2022 REVIEWED BY: BSS 1/12/2024

SHEET TITLE

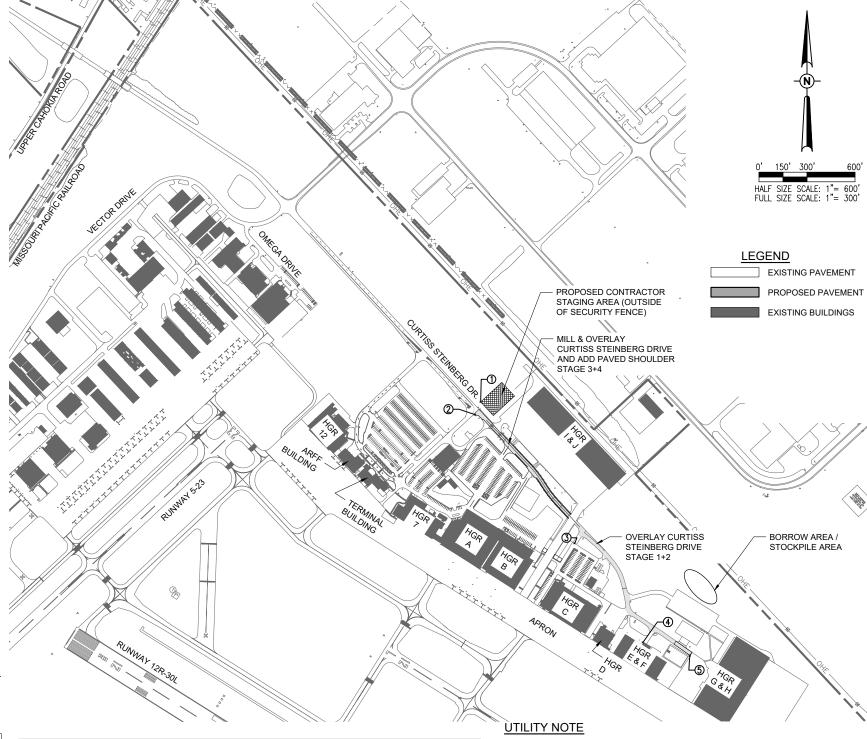
SUMMARY OF **QUANTITIES AND** INDEX TO SHEETS



- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, AND TRANSPORTATION NECESSARY TO CONSTRUCT ALL ELEMENTS OF THE PROJECT AS DESCRIBED IN THE CONSTRUCTION PLANS AND SPECIFICATIONS
- THE RULES, REGULATIONS, AND SPECIFICATIONS ENUMERATED HEREIN SHALL BE CONSIDERED AS MINIMUM REQUIREMENTS. THEY SHALL NOT PROHIBIT THE CONTRACTOR FROM FURNISHING AND INSTALLING HIGHER GRADES OF MATERIAL THAN ARE SPECIFIED HEREIN
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT, PRESERVE AND REPAIR THE EXISTING AIRFIELD AND ROADWAY PAVEMENTS AT ALL TIMES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING FLECTRICAL DRAINAGE AND PAVEMENT STRUCTURES AT NO ADDITIONAL COST TO THE CONTRACT
- 6. NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING AIRPORT PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
- CONTRACTOR IS REQUIRED TO PROVIDE THEIR OWN RESTROOM FACILITIES.
- UNLESS OTHERWISE NOTED, ALL DISTURBED AREAS OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS SHALL BE GRADED. SEEDED AND/OR HYDROMULCH SEEDED IN ACCORDANCE WITH ITEM 901 AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL WASTE MATERIAL SHALL BE HAULED FROM THE AIRPORT AND PROPERLY DISPOSED OF UNLESS OTHERWISE SPECIFIED HEREIN.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR HAULING ON PUBLIC ROADS. AS APPLICABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DAMAGES TO ANY PAVEMENTS (PUBLIC OR PRIVATE) CAUSED BY HIS/HER CONSTRUCTION EQUIPMENT OR PERSONNEL
- 11. THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL FOR ALL SALVAGEABLE MATERIAL REMOVED ON THE PROJECT.
- 12. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT ENGINEER/TECHNICIAN SO THEY MAY DEVELOP ONE SET OF REDI INED AS-BUILT RECORD DRAWINGS AT THE COMPLETION OF THE PROJECT
- 13. THE CONSTRUCTION LIMITS SHALL BE RESTRICTED TO AREAS THAT ARE ABSOLUTELY NECESSARY TO DISTURB TO COMPLETE THE REQUIRED WORK ITEMS. LIMITS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING ANY WORK.
- 14. CONTRACTOR SHALL RESTORE TO ORIGINAL CONDITION ALL GRASS, STONE, OR PAVEMENT DISTURBED BY CONTRACTOR'S CONSTRUCTION OPERATIONS, STAGING, AND CONSTRUCTION ACCESS ROUTES, DISTURBED AREAS TO BE REPAIRED, GRADED, AND MULCHED SEEDED IN ACCORDANCE WITH ITEMS 901 AND 908, UNLESS OTHERWISE NOTED. STAGING AREA AND SITE ACCESS RESTORATION SHALL BE INCLUDED IN THE COST OF
- 15. THE PROJECT PAY ITEMS ARE INTENDED TO BE INCLUSIVE OF ALL WORK TO BE PERFORMED AS SHOWN IN THESE PLANS. ALL INCIDENTAL WORK REQUIRED TO COMPLETE THE PROJECT TO THE SATISFACTION OF THE RESIDENT ENGINEER/TECHNICIAN IS TO BE INCLUDED IN THE COSTS OF PERFORMING THESE ITEMS
- 16. APPROXIMATE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN THROUGHOUT THESE PLANS. THE CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND PROTECT THESE UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL COORDINATE WITH THE PROPER PERSONS FOR THE PURPOSE OF LOCATING AND PROTECTING EXISTING UNDERGROUND UTILITIES.
- 17 THE CONTRACTOR MUST AT ALL TIMES MAINTAIN PROPER DRAINAGE FOR ALL AREAS AFFECTED BY HIS WORK
- 18. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE PROJECT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA.

# **SECURITY NOTES**

- THIS PROJECT IS LOCATED ENTIRELY WITHIN THE GULFSTREAM CAMPUS AT ST. LOUIS DOWNTOWN AIRPORT, AND IS A SECURED SITE BY MEANS OF PERIMETER FENCING AND SECURITY GUARD ACCESS CONTROL AT THE MAIN SECURITY GATE, WHICH IS THE MAIN POINT OF CONSTRUCTION ACCESS THROUGHOUT THE PROJECT
- IN ORDER TO AVOID GULFSTREAM PERSONNEL NEEDING TO ESCORT CONSTRUCTION TRAFFIC DAILY THROUGHOUT THE PROJECT, THIS PROJECT WILL BE RUN WITHOUT ESCORTS BY GULFSTREAM PERSONNEL, BUT WILL REQUIRE MEMBERS OF THE CONTRACTOR'S PERSONNEL TO ACT AS ESCORTS WHILE WITHIN THE SECURED SITE.
- GUI ESTREAM WILL NEED TO APPROVE/BADGE AN ADEQUATE NUMBER OF CONTRACTOR PERSONNEL TO MONITOR THE WHEREABOUTS OF ALL OF THE CONSTRUCTION PERSONNEL WORKING ON SITE AT ANY GIVEN TIME. THE APPROVAL PROCESS REQUIRES THE CONTRACTOR TO PROVIDE DOCUMENTATION NECESSARY TO SUPPORT A FACILITY ACCESS CLEARANCE REVIEW INCLUDING GENERAL INFORMATION ABOUT THE PERSONNEL COMPANY BACKGROUND CHECK, AND I-9 FORMS FOR GULFSTREAM'S REVIEW. IT IS ANTICIPATED TO TAKE AT LEAST A WEEK
- RESPONSIBILITIES OF THE BADGED ESCORT PERSONNEL WOULD BE AT A MINIMUM TO MONITOR THE CONSTRUCTION PERSONNEL WITHIN VISUAL LINE-OF-SIGHT, AND TO ESCORT NON-BADGED PERSONNEL/VEHICLES/EQUIPMENT BETWEEN THE MAIN SECURITY GATE AND THE CONSTRUCTION PHASE SITE



CRITICAL POINTS						
POINT#	DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.
1	CONSTRUCTION STAGING AREA	038° 34' 40.93"	-090° 09' 21.94"	407.0	25'	432.0
2	EQUIPMENT	038° 34' 40.14"	-090° 09' 22.40"	407.1	25'	432.1
3	EQUIPMENT	038° 34' 32.19"	-090° 09' 14.54"	406.1	25'	431.1
4	EQUIPMENT	038° 34' 26.07"	-090° 09' 09.17"	404.2	25'	429.2
5	EQUIPMENT	038° 34' 25.26"	-090° 09' 05.48"	406.4	25'	431.4

J.U.L.I.E. INFORMATION				
COUNTY	ST. CLAIR			
CITY	CAHOKIA HEIGHTS			

TOWNSHIP \_\_\_CENTERVILLE SECTION NO. T.1N. - R.10W.

ST. LOUIS DOWNTOWN AIRPORT 6100 ARCHVIEW DRIVE CAHOKIA. IL 62206-1445

THE LOCATION SIZE AND TYPE OF MATERIAL OF EXISTING LINDERGROUND AND/OR ABOVEGROUND LITH ITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY OF THE INFORMATION. THERE IS NO GUARANTEE, EITHER EXPRESSED OR IMPLIED, THAT THE LOCATIONS, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ARE REPRESENTATIVE OF THOSE TO BE ENCOUNTERED IN THE CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THI OWNER'S REPRESENTATIVE AND/OR THE RESIDENT ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY DAMAGE TO SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT. ALL UTILITY CABLES AND LINES SHALL BE LOCATED BY THE RESPECTIVE UTILITY. CONTACT JULIE (JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS) FOR UTILITY INFORMATION, PHONE: 1-800-892-0123. CONTACT THE FAA (FEDERAL AVIATION ADMINISTRATION) FOR ASSISTANCE IN LOCATING FAA CABLES AND UTILITIES. LOCATION OF FAA POWER, CONTROL, AND COMMUNICATION CABLES SHALL BE COORDINATED WITH AND/OR LOCATED BY THE FAA. ALSO CONTACT AIRPORT DIRECTOR/MANAGER AND AIRPORT PERSONNEL FOR ASSISTANCE IN LOCATING UNDERGROUND AIRPORT CABLES AND/OR UTILITIES. ALSO COORDINATE WORK WITH ALL ABOVEGROUND UTILITIE

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PROJEC	CT NO: 2	1A008	1D	
CAD FII	F: G-003-S	OW DWG	;	

SHEET TITLE

**FOR BID** 

SCOPE OF WORK

DESIGN BY: M.ID. 7/12/2022

DRAWN BY: HLE 7/12/2022

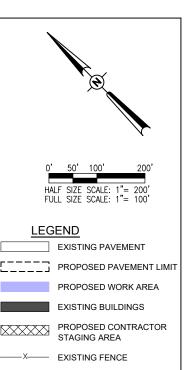
REVIEWED BY: BSS 1/12/2024

### PHASE 1 NOTES

- THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY. ALL PHASE 1 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 2.
- 2. ALL NECESSARY TEMPORARY SIGNS, BARRICADES/DRUMS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC, INCLUDING VEHICLE AND PEDESTRIAN.
- 4. AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- 5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTS SHALL BE PAID FOR UNDER TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER MOBILIZATION.
- 7. AN OCCASIONAL AIRCRAFT MAY BE TUGGED DOWN THE EXISTING TAXILANE BETWEEN HANGARS B AND C, WITH ADVANCE NOTICE. THE CONTRACTOR SHALL PULL BACK EQUIPMENT AND PERSONNEL FROM THE TAXILANE DURING THIS SHORT OPERATION TO ALLOW AIRCRAFT TO PASS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY OTHER AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

### WORK ZONE TRAFFIC CONTROL - GENERAL NOTES:

- ALL TRAFFIC CONTROL DEVICES AND CONFIGURATIONS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
- ONE LANE OF THE MAIN ROADWAY SHALL BE ACCESSIBLE TO PUBLIC VEHICLE TRAFFIC AT ALL
  TIMES DURING CONSTRUCTION, UNLESS OTHERWISE COORDINATED IN ADVANCE WITH THE
  OWNER. THE COST OF MAINTAINING THE ACCESS SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- ADDITIONAL MEASURES MAY BE REQUIRED, PARTICULARLY DURING NON-WORKING HOURS, TO INSURE THE SAFETY OF WORKS AND THE PUBLIC THROUGH THE CONSTRUCTION ZONE. SAID MEASURES SHALL BE INCIDENTAL TO TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 4. THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 5. THE POSTED SPEED THROUGH THE WORK ZONE SHALL BE 15MPH MAXIMUM, OR LESS IF DETERMINED BY THE RESIDENT ENGINEER/TECHNICIAN TO BE NECESSARY FOR THE SAFETY OF WORKERS AND THE TRAVELING PUBLIC. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCE SIGNING, PER THE MUTCD AND STATE DOT (IF APPLICABLE), TO ADVISE AND WARN THE TRAVELING PUBLIC OF THE SPEED LIMIT DURING CONSTRUCTION.
- 6. THE SUGGESTED TRAFFIC CONTROL MEASURES ARE CONSIDERED THE MINIMUM FOR THIS PROJECT. IF THE CONTRACTOR'S OPERATIONS REQUIRE ADDITIONAL TRAFFIC CONTROL MEASURES, HE SHALL DEVELOP AND SUBMIT A REVISED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING SUCH WORK. ALL TRAFFIC CONTROL MEASURES, WHETHER INCLUDED IN THE CONSTRUCTION DRAWINGS OR DUE TO THE CONTRACTOR'S OPERATIONS, SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE, WITH NO EXCEPTIONS.
- 7. THE PRIORITY CONTROL SETUP OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE COORDINATED WITH THE AIRPORT IN ADVANCE TO ENSURE PROPER ACCOUNTING FOR PEAK TIMES OF HEAVY TRAFFIC THROUGH THE CONSTRUCTION ZONE. CERTAIN TIMES DURING CONSTRUCTION MAY REQUIRE THE CONTRACTOR TO MODIFY THE SETUP. MODIFICATIONS, OPERATION AND MAINTENANCE OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE. WITH NO EXCEPTIONS.



PROPOSED PUBLIC

PROPOSED CONTRACTOR

TRAFFIC ROUTE

HAUL ROUTE

EXP.
11/30/2025
OF ILL

BARRY S.

STOLZ
062-057281
Signed
1/12/2024

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Bi-State Development

6100 Archview Drive

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#184-001084

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Hanson Professional Services Inc.

Professional Service Corporation

ST. LOUIS

DOWNTOWN AIRPORT

RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO. DATE DESCRIPTION
DES DWN REV
ISSUE: JANUARY 12, 2024
PROJECT NO: 21A0081D
CAD FILE: G-005-SFY,DWG
DESIGN BY: MJD 7/20/2022
DRAWN BY: HLE 7/20/2022

MAINTENANCE OF TRAFFIC PLAN PHASE 1

SHEET TITLE

REVIEWED BY: BSS 1/12/2024

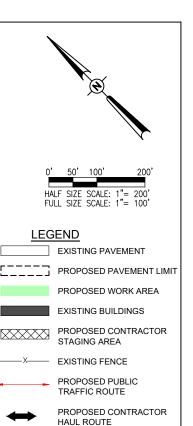
PROPOSED BARRICADES/DRUMS TEMP. CONSTRUCTION SIGN PLACE AND MAINTAIN PLACE AND MAINTAIN CONSTRUCTION BARRICADES. SIGNAGE CURTISS STEINBERG DR. CUR/TISS STEINBERG DR. **(A)** CONSTRUCT NEW BITUMINOUS TAXILANE CROSSING TO REMAIN ALLILILIIII. (24' WIDE FOR BOTH). VERIFY ALIGNMENT 9 PHASE 1 WITH OWNER PRIOR WORK TO CONSTRUCTION. PLACE AND MAINTAIN CONSTRUCTION SIGNAGE APRON PLACE AND MAINTAIN BARRICADES.

### PHASE 2 NOTES

- THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY. ALL
  PHASE 2 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 3.
- ALL NECESSARY TEMPORARY SIGNS, BARRICADES/DRUMS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC, INCLUDING VEHICLE AND PEDESTRIAN.
- 4. AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- 5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTS SHALL BE PAID FOR UNDER TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER MOBILITATION
- 7. AN OCCASIONAL AIRCRAFT MAY BE TUGGED DOWN THE EXISTING TAXILANE BETWEEN HANGARS B AND C, WITH ADVANCE NOTICE. THE CONTRACTOR SHALL PULL BACK EQUIPMENT AND PERSONNEL FROM THE TAXILANE DURING THIS SHORT OPERATION TO ALLOW AIRCRAFT TO PASS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY OTHER AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

### WORK ZONE TRAFFIC CONTROL - GENERAL NOTES:

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- ONE LANE OF THE MAIN ROADWAY SHALL BE ACCESSIBLE TO PUBLIC VEHICLE TRAFFIC AT ALL
  TIMES DURING CONSTRUCTION, UNLESS OTHERWISE COORDINATED IN ADVANCE WITH THE
  OWNER. THE COST OF MAINTAINING THE ACCESS SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- ADDITIONAL MEASURES MAY BE REQUIRED, PARTICULARLY DURING NON-WORKING HOURS, TO INSURE THE SAFETY OF WORKS AND THE PUBLIC THROUGH THE CONSTRUCTION ZONE. SAID MEASURES SHALL BE INCIDENTAL TO TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 4. THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 5. THE POSTED SPEED THROUGH THE WORK ZONE SHALL BE 15MPH MAXIMUM, OR LESS IF DETERMINED BY THE RESIDENT ENGINEER/TECHNICIAN TO BE NECESSARY FOR THE SAFETY OF WORKERS AND THE TRAVELING PUBLIC. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCE SIGNING, PER THE MUTCD AND STATE DOT (IF APPLICABLE), TO ADVISE AND WARN THE TRAVELING PUBLIC OF THE SPEED LIMIT DURING CONSTRUCTION.
- 6. THE SUGGESTED TRAFFIC CONTROL MEASURES ARE CONSIDERED THE MINIMUM FOR THIS PROJECT. IF THE CONTRACTOR'S OPERATIONS REQUIRE ADDITIONAL TRAFFIC CONTROL MEASURES, HE SHALL DEVELOP AND SUBMIT A REVISED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING SUCH WORK. ALL TRAFFIC CONTROL MEASURES, WHETHER INCLUDED IN THE CONSTRUCTION DRAWINGS OR DUE TO THE CONTRACTOR'S OPERATIONS, SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE, WITH NO EXCEPTIONS.
- 7. THE PRIORITY CONTROL SETUP OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE COORDINATED WITH THE AIRPORT IN ADVANCE TO ENSURE PROPER ACCOUNTING FOR PEAK TIMES OF HEAVY TRAFFIC THROUGH THE CONSTRUCTION ZONE. CERTAIN TIMES DURING CONSTRUCTION MAY REQUIRE THE CONTRACTOR TO MODIFY THE SETUP. MODIFICATIONS, OPERATION AND MAINTENANCE OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE. WITH NO EXCEPTIONS.



PROPOSED BARRICADES/DRUMS

TEMP. CONSTRUCTION SIGN

BARRY S. STOLZ 062-057281 CENSES SIgned 1/12/2024

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6100 Archview Drive

fax: 217-788-2503

#184-001084

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PROJECT NO: 21A0081D

CAD FILE: G-005-SFV.DWG
DESIGN BY: MJD 7/20/2022
DRAWN BY: HLE 7/20/2022

MAINTENANCE OF TRAFFIC PLAN

SHEET TITLE

PHASE 2

REVIEWED BY: BSS 1/12/2024

PLACE AND PLACE AND MAINTAIN MAINTAIN **BARRICADES** CONSTRUCTION SIGNAGE (TYP.) PHASE 2 WORK CURTISS STEINBERG DR. CURTISS STEINBERG DR. PLACE AND MAINTAIN <u></u>
<a>♠</a> CONSTRUCTION E) SIGNAGE Q HGR E&F PARILLI ALLERA APRON PLACE AND MAINTAIN CONSTRUCTION SIGNAGE

FOR BID

### PHASE 3 NOTES

- THE CONTRACTOR MAY NOT WORK IN MUILTIPLE PHASES SIMULTANEOUSLY ALL PHASE 3 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 4
- ALL NECESSARY TEMPORARY SIGNS, BARRICADES/DRUMS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC, INCLUDING VEHICLE AND PEDESTRIAN.
- AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
- THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTS SHALL BE PAID FOR UNDER TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER
- AN OCCASIONAL AIRCRAFT MAY BE TUGGED DOWN THE EXISTING TAXILANE BETWEEN HANGARS B AND C, WITH ADVANCE NOTICE. THE CONTRACTOR SHALL PULL BACK EQUIPMENT AND PERSONNEL FROM THE TAXILANE DURING THIS SHORT OPERATION TO ALLOW AIRCRAFT TO PASS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY OTHER AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

### WORK ZONE TRAFFIC CONTROL - GENERAL NOTES:

- ALL TRAFFIC CONTROL DEVICES AND CONFIGURATIONS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION
- ONE LANE OF THE MAIN ROADWAY SHALL BE ACCESSIBLE TO PUBLIC VEHICLE TRAFFIC AT ALL TIMES DURING CONSTRUCTION, UNLESS OTHERWISE COORDINATED IN ADVANCE WITH THE OWNER. THE COST OF MAINTAINING THE ACCESS SHALL BE INCIDENTAL TO ITEM AR150530 -TRAFFIC MAINTENANCE AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 3. ADDITIONAL MEASURES MAY BE REQUIRED, PARTICULARLY DURING NON-WORKING HOURS, TO INSURE THE SAFETY OF WORKS AND THE PUBLIC THROUGH THE CONSTRUCTION ZONE. SAID MEASURES SHALL BE INCIDENTAL TO TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED
- THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- THE POSTED SPEED THROUGH THE WORK ZONE SHALL BE 15MPH MAXIMUM, OR LESS IF DETERMINED BY THE RESIDENT ENGINEER/TECHNICIAN TO BE NECESSARY FOR THE SAFETY OF WORKERS AND THE TRAVELING PUBLIC. THE CONTRACTOR SHALL PROVIDE APPROPRIATE ADVANCE SIGNING, PER THE MUTCD AND STATE DOT (IF APPLICABLE), TO ADVISE AND WARN THE TRAVELING PUBLIC OF THE SPEED LIMIT DURING CONSTRUCTION.
- THE SUGGESTED TRAFFIC CONTROL MEASURES ARE CONSIDERED THE MINIMUM FOR THIS PROJECT. IF THE CONTRACTOR'S OPERATIONS REQUIRE ADDITIONAL TRAFFIC CONTROL MEASURES, HE SHALL DEVELOP AND SUBMIT A REVISED TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO BEGINNING SUCH WORK. ALL TRAFFIC CONTROL MEASURES, WHETHER INCLUDED IN THE CONSTRUCTION DRAWINGS OR DUE TO THE CONTRACTOR'S OPERATIONS, SHALL BE INCIDENTAL TO ITEM AR150530 - TRAFFIC MAINTENANCE, WITH NO EXCEPTIONS
- THE PRIORITY CONTROL SETUP OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE COORDINATED WITH THE AIRPORT IN ADVANCE TO ENSURE PROPER ACCOUNTING FOR PEAK TIMES OF HEAVY TRAFFIC THROUGH THE CONSTRUCTION ZONE. CERTAIN TIMES DURING CONSTRUCTION MAY REQUIRE THE CONTRACTOR TO MODIFY THE SETUP. MODIFICATIONS, OPERATION AND MAINTENANCE OF THE TEMPORARY TRAFFIC SIGNALS SHALL BE INCIDENTAL TO ITEM AR150530 TRAFFIC MAINTENANCE, WITH NO EXCEPTIONS.





# LEGEND

EXISTING PAVEMENT PROPOSED PAVEMENT LIMIT PROPOSED WORK AREA

**EXISTING BUILDINGS** 

PROPOSED CONTRACTOR STAGING AREA

PROPOSED PUBLIC TRAFFIC ROUTE

——X—— EXISTING FENCE

PROPOSED CONTRACTOR HAUL ROUTE

BARRICADES/DRUMS

RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

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6100 Archview Drive

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#184-001084

1525 S. 6th Street Springfield, IL 62703

Hanson Professional Services Inc.

Professional Service Corporation

ST. LOUIS

DOWNTOWN AIRPORT

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STOLZ 062-057281

EXP.

1/12/2024

Cahokia Heights, IL 62206-1445

IDA No: CPS-4833

Contract No. SD062

DESCRIPTION NO. DATE DES DWN REV ISSUE: JANUARY 12, 2024 PROJECT NO: 21A0081D

CAD FILE: G-005-SFY.DWG DESIGN BY: M.ID 7/20/2022

DRAWN BY: HLE 7/20/2022 REVIEWED BY: BSS 1/12/2024

SHEET TITLE

MAINTENANCE OF TRAFFIC PLAN PHASE 3

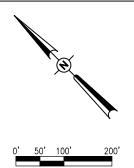
PROPOSED TEMP. CONSTRUCTION SIGN PLACE AND PLACE AND MAINTAIN MAINTAIN BARRICADES CONSTRUCTION PLACE AND MAINTAIN SIGNAGE (TYP.) (TYP.) CONSTRUCTION SIGNAGE (TYP.) CURTISS STEINBERG DR. C C CURTISS STEINBERG DR. PHASE 3 ATTITUTE OF THE PARTY OF THE PA 0 HGR E&F TRELLINE BUILDING APRON BARRICADES ACROSS TAXILANE TO BE TEMPORARILY REMOVED TO ACCOMMODATE OCCASIONAL AIRCRAFT MOVEMENT. (TYP.)

### PHASE 4 NOTES

- THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY, ALL PHASE 3 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 4
- PHASE 4 WORK SHALL BE COMPLETED AS SOON AS POSSIBLE TO MAINTAIN PUBLIC TRAFFIC. PHASE 4 WORK SHALL ONLY TAKE PLACE ON FRIDAY/SATURDAY/SUNDAY, WITH THE ROAD WITHIN THE PHASE LIMITS BEING OPEN WITH FULL PUBLIC ACCESS ON ALL OTHER DAYS
- 3. ALL NECESSARY TEMPORARY SIGNS, BARRICADES/DRUMS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
- AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC, INCLUDING VEHICLE AND PEDESTRIAN.
- AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS
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- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER
- 7. AN OCCASIONAL AIRCRAFT MAY BE TUGGED DOWN THE EXISTING TAXILANE BETWEEN HANGARS B AND C, WITH ADVANCE NOTICE. THE CONTRACTOR SHALL PULL BACK EQUIPMENT AND PERSONNEL FROM THE TAXILANE DURING THIS SHORT OPERATION TO ALLOW AIRCRAFT TO PASS. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY OTHER AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

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- 3. ADDITIONAL MEASURES MAY BE REQUIRED, PARTICULARLY DURING NON-WORKING HOURS, TO INSURE THE SAFETY OF WORKS AND THE PUBLIC THROUGH THE CONSTRUCTION ZONE. SAID MEASURES SHALL BE INCIDENTAL TO TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED
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HALF SIZE SCALE: 1"= 200' FULL SIZE SCALE: 1"= 100'

# LEGEND

EXISTING PAVEMENT PROPOSED PAVEMENT LIMIT PROPOSED WORK AREA

**EXISTING BUILDINGS** 

PROPOSED CONTRACTOR STAGING AREA

> PROPOSED PUBLIC TRAFFIC ROUTE

——X—— EXISTING FENCE

PROPOSED CONTRACTOR HAUL ROUTE

> PROPOSED BARRICADES/DRUMS

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DESCRIPTION NO. DATE DES DWN REV ISSUE: JANUARY 12, 2024 PROJECT NO: 21A0081D CAD FILE: G-005-SFY.DWG DESIGN BY: M.ID 7/20/2022

MAINTENANCE OF TRAFFIC PLAN

SHEET TITLE

PHASE 4

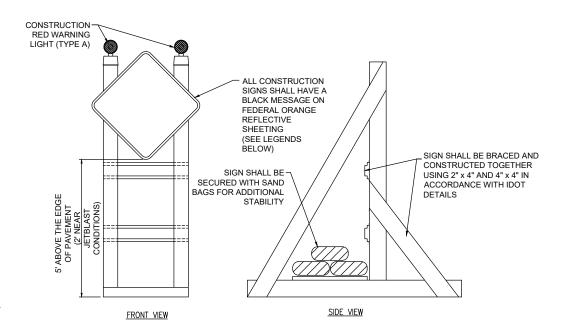
DRAWN BY: HLE 7/20/2022 REVIEWED BY: BSS 1/12/2024

TEMP. CONSTRUCTION SIGN PLACE AND PLACE AND MAINTAIN MAINTAIN CONSTRUCTION CONSTRUCTION SIGNAGE (TYP. SIGNAGE (TYP.) CURTISS STEINBERG DR 1 CURTISS STEINBERG DR.  $\overline{\mathbb{A}}$ ATTITUTE WORK PLACE AND MAINTA BARRICADES. F = 0 PLACE AND MAINTAIN raalilla allilla (E) PLACE AND MAINTAIN CONSTRUCTION APRON SIGNAGE (TYP.)

**FOR BID** 

# SIGNAGE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON LINIFORM TRAFFIC CONTROL DEVICES INCLUDING THE ILLINOIS SUPPLEMENT (LATEST EDITION) AND THE FAA ADVISORY CIRCULARS (LATEST EDITION) UNLESS NOTED OTHERWISE. THE FAA OR MORE STRINGENT SPECIFICATIONS SHALL GOVERN.
- UNLESS OTHERWISE SPECIFIED, CONSTRUCTION SIGNS SHALL BE MOUNTED ON PORTABLE OR NON-PORTABLE SUPPORTS. A PORTABLE SUPPORT IS DEFINED AS A TYPICAL SIGN STANDARD AS SHOWN ON THIS SHEET OR A SMALL LIGHT WEIGHT TRAILER A NON-PORTABLE SUPPORT IS DEFINED AS DRIVEN METAL OR WOOD POST. ALL SIGNS, REGARDLESS OF THE TYPE OF SUPPORTS USED, SHALL BE MOUNTED SUCH THAT THE MESSAGE ON THE SIGN IS LEVEL IN THE HORIZONTAL PLANE AFTER PLACEMENT. THE COST OF CONSTRUCTION WARNING LIGHTS SHALL BE INCLUDED IN THE COST OF THE CONSTRUCTION
- CONSTRUCTION RED WARNING LIGHT FOR SIGNAGE: THESE ARE PORTABLE, LENS DIRECTED, ENCLOSED LIGHTS. THE COLOR OF THE LIGHT EMITTED SHALL BE RED. THEY ARE TO BE USED IN A LOW INTENSITY FLASHING MODE (TYPE A).
- THE LIGHTING SHALL BE MAINTAINED IN OPERATION DURING THE HOURS OF DARKNESS BETWEEN 1/2 HOUR BEFORE SUNSET AND 1/2 HOUR AFTER SUNRISE AND WHEN CONDITIONS EXIST WHICH TEND TO
- 5. COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC MAINTENANCE ITEM.



TYPICAL CONSTRUCTION SIGNAGE NOT TO SCALE















CONSTRUCTION SIGN LEGENDS NOT TO SCALE

R11-2

48" x 30"

(c)

### SAFETY NOTES

- FOLLOWING ARE THE CONSTRUCTION SAFETY PROCEDURES THAT THE CONTRACTOR SHALL FOLLOW THROUGHOUT THIS PROJECT. ADDITIONAL REQUIREMENTS ARE SHOWN ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEET AND THIS SHEET
- ALL PROVISIONS OF FAA ADVISORY CIRCULAR AC 150/5370-2 (CURRENT EDITION), "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", APPLY TO THIS CONTRACT, EXCEPT AS MODIFIED BY THIS SAFETY PLAN, OR AS MODIFIED BY THE OWNER THROUGH THE RESIDENT ENGINEER/TECHNICIAN AT THE PRECONSTRUCTION CONFERENCE, OR DURING THE COURSE OF THE CONTRACT.
- 3. THE CONTRACTORS SHALL MINIMIZE DISRUPTION OF STANDARD OPERATING PROCEDURES FOR AERONAUTICAL ACTIVITY BY REMAINING WITHIN THE PRESCRIBED STAGING, CONSTRUCTION, AND PHASING AREAS PRESENTED ON THE CONSTRUCTION SAFETY AND PHASING PLAN SHEETS.
- NO UNAUTHORIZED PERSONNEL SHALL ENTER ANY AREA OF THE AIRPORT THAT COULD POTENTIALLY BE HAZARDOUS. THE AIRPORT MANAGER RESERVES THE RIGHT TO SUSPEND OPERATIONS IN ORDER TO
- CONTRACTOR EQUIPMENT, VEHICLES, AND PROJECT MATERIALS SHALL BE STORED AT THE STAGING AREA SHOWN ON THE PLAN VIEW, EXCEPT AS OTHERWISE PROVIDED FOR AT THE PRECONSTRUCTION
- ALL CONSTRUCTION FOLIPMENT OPERATING IN THE PRESCRIBED CONSTRUCTION AREA IS REQUIRED TO DISPLAY A CHECKERBOARD FLAG PROPERLY LOCATED OR A ROTATING BEACON (STROBE) AS SPECIFIED IN AC 150/5210-5, "PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT" LÁTEST EDITION.
- NO CONSTRUCTION MATERIAL STOCKPILES SHALL BE LOCATED WITHIN 250' OF ANY ACTIVE RUNWAY, WITHIN 93' OF ANY OTHER ACTIVE AIRPORT OPERATIONS AREA, OR PENETRATE A PART 77 IMAGINARY SURFACE (PROVIDED BY THE RESIDENT ENGINEER/TECHNICIAN) EXTENDING OUT AND UPWARDS FROM ALL SIDES OF AN
- CLOSED WORK AREAS. OPEN TRENCHES, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHALL BE PROMINENTLY MARKED WITH LIGHTED BARRICADES WITH STEADY BURNING OR FLASHING RED LIGHTS AS SPECIFIED IN 150/5370-2, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", LATEST EDITION. CONTRACTOR SHALL NIGHT CHECK BARRICADES DAILY FOR PROPER OPERATION.
- NO OPEN TRENCHES WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR WITHIN 93' OF ANY AIRPORT OPERATIONS AREA WILL BE PERMITTED UNLESS PROPERLY MARKED. OTHER TRENCHES SHALL BE MAINTAINED SAFE, I.E., BARRICADED OR COVERED WITH STEEL PLATES IN ALL OTHER AREAS.
- 10. OPEN TRENCHES, EXCAVATIONS, AND STOCKPILED MATERIALS AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH ORANGE FLAGS AND LIGHTED WITH FLASHING RED LIGHTS DURING HOURS OF RESTRICTED VISIBILITY AND/OR DARKNESS
- 11. NO CONSTRUCTION EQUIPMENT GREATER THAN 25' TALL WILL BE PERMITTED ON THE AIRPORT. HOWEVER OTHER EQUIPMENT TALLER THAN 25' MAY BE PERMITTED WITH THE APPROVAL OF THE AIRPORT MANAGER AND AIRSPACE APPROVAL BY THE FAA
- 12. NO OPEN FLAME WELDING OR TORCH CUTTING OPERATION IS PERMITTED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS ARE PROVIDED AND HAVE BEEN APPROVED BY THE AIRPORT MANAGER NO FLARE POTS ARE ALLOWED ON THE PROJECT.
- 13. SOIL, DEBRIS, AND LOOSE MATERIAL DROPPED OR TRACKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACES, OR WHICH CAN BE BLOWN ONTO SUCH SURFACES, SHALL BE IMMEDIATELY SWEPT, PICKED UP AND REMOVED, OR PLACED INTO CLOSED CONTAINERS. ANY DAMAGE TO AIRPORT PROPERTY SHALL BE REPAIRED IMMEDIATELY AT NO COST TO THE OWNER.
- 14. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND MAINTAINING AIRPORT LIGHTING AND NAVIGATIONAL ELECTRICAL SYSTEMS DURING CONSTRUCTION, A CONTACT PERSON AND TELEPHONE NUMBER FOR 24 HOUR EMERGENCY IMMEDIATE REPAIR SHALL BE SUBMITTED TO THE AIRPORT MANAGER AND RESIDENT ENGINEER/TECHNICIAN. HAUL ROUTES CROSSING PAVEMENT, DRAINAGE, MISCELLANEOUS. STRUCTURES AND/OR AIRFIELD CABLES SHALL BE PROTECTED FROM DAMAGE
- 15. ALL AIRCRAFT AND AIRPORT OPERATIONS HAVE THE RIGHT-OF-WAY. CONTRACTOR TO YIELD TO VEHICLES AND REMAIN CLEAR AT ALL TIMES.
- 16. CONTRACTOR SHALL PLACE, SECURE, AND MAINTAIN LIGHTED BARRICADES AS REQUIRED BY THE PLANS AND DESIGNATED BY THE RESIDENT ENGINEER/TECHNICIAN.
- 17. CONTRACTOR SHALL MARK HAZARDOUS AREA WITH STEADY-BURNING OR FLASHING RED LIGHTS DURING PERIODS OF LOW VISIBILITY AS REQUIRED
- 18. THE CONTRACTOR SHALL PERIODICALLY PERFORM ONSITE INSPECTIONS THROUGHOUT THE DURATION OF THE PROJECT WITH THE IMMEDIATE REMEDY OF ANY DIFFERENCES, WHETHER CAUSED BY NEGLIGENCE, OVERSIGHT, OR PROJECT SCOPE CHANGE
- 19. CONTRACTOR SHALL MOVE MAINTENANCE OF TRAFFIC COMPONENTS AT THE WRITTEN DIRECTION OF THE RESIDENT ENGINEER/TECHNICIAN AT NO ADDITIONAL COST.
- 20. CONTRACTOR SHALL NOT REMOVE THE BARRICADES WITHOUT THE APPROVAL BY THE RESIDENT ENGINEER/TECHNICIAN.
- 21 CONTRACTOR SHALL MAINTAIN FLASHERS, SIGNS AND/OR BARRICADES AS REQUIRED BY THE PLANS, CITY OR COUNTY REGULATIONS OR CONTRACTOR ACTIVITIES. CONTRACTOR SHALL OBTAIN ANY AND ALL REQUIRED
- 22. THE CONTRACTOR SHALL UTILIZE WATER AND/OR CHEMICALS APPROVED BY THE RESIDENT ENGINEER/TECHNICIAN AS NECESSARY TO CONTROL DUST
- 23. UNLESS SPECIFIED OTHERWISE, COST FOR THE ABOVE IS TO BE CONSIDERED INCIDENTAL TO THE PROJECT. SEPARATE PAYMENT SHALL NOT BE MADE

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Professional Service Corporation #184-001084



Bi-State Development 6100 Archview Drive Cahokia Heights, IL 62206-1445



RECONSTRUCT ACCESS ROAD **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION	
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PROJEC	CT NO: 2	1A008	1D		
CAD FIL	CAD FILE: C-501-SFY.DWG				
DESIGN	BY: MJ	D 7/2	0/2022		

DRAWN BY: HLE 7/20/2022 REVIEWED BY: BSS 1/12/2024

SHEET TITLE

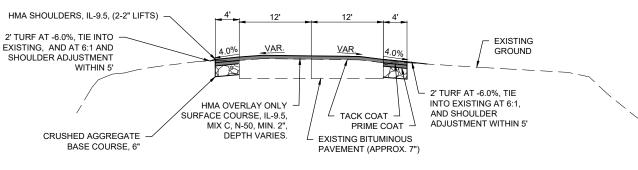
CONSTRUCTION SAFETY DETAILS AND NOTES

# **BITUMINOUS OVERLAY** PROPOSED TYPICAL SECTION - (STA. 9+55 - 19+68)

\*WIDTHS AND GRADES VARY AT INTERSECTIONS, AVERAGE WIDTHS AND GRADES SHOWN.

### NOTES:

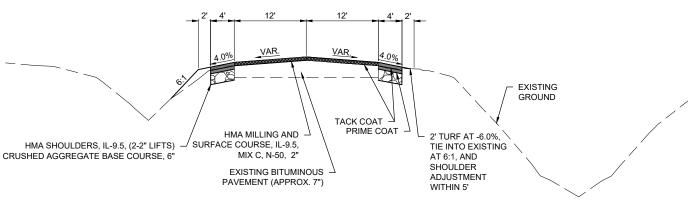
- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING
- OPERATION AS MUCH AS POSSIBLE. SURFACE COURSE SHALL BE PG 70-22.
- SHOULDER GRADING VARIES.

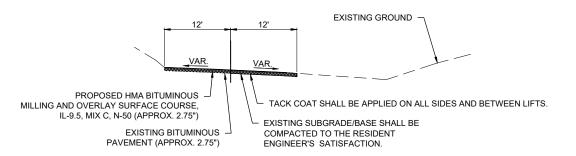


# PROPOSED TYPICAL SECTION - (STA. 7+00 - 7+50 AND 8+21 - 8+98)

\*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING OPERATION AS MUCH AS POSSIBLE
- 2. SURFACE COURSE SHALL BE PG 70-22.





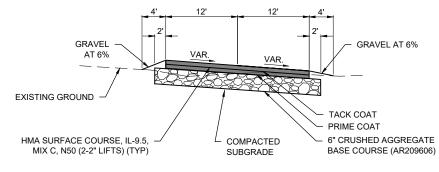
# PROPOSED TYPICAL SECTION - (STA. 19+68 - 20+92)

NOT TO SCALE

\*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

### NOTES:

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- OPERATION AS MUCH AS POSSIBLE
- SURFACE COURSE SHALL BE PG 70-22.
- SHOULDER GRADING VARIES.



### PROPOSED TAXILANE CROSSING TYPICAL SECTION

NOT TO SCALE

\*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING
- OPERATION AS MUCH AS POSSIBLE
- 2. SURFACE COURSE SHALL BE PG 70-22.

PROPOSED TYPICAL SECTION - (	(STA. 0+26 - 7+00 AND 7+50 - 8+21)
NOT 1	TO SCALE

\*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

### NOTES:

- 1. CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING
- OPERATION AS MUCH AS POSSIBLE.
- 2. SURFACE COURSE SHALL BE PG 70-22.

HMA MIXTURE REQUIREMENTS						
APPLICATION AC / PG DESIGN AIR VOIDS MIXTURE COMPOSITION FRICTION AGGREGATE QUALITY MANAGEMENT						
MA SURFACE COURSE (TOP LIFTS / OVERLAY)	70-22	4.0% @ Ndesign = 50	IL-9.5	MIX C	QC/QA	
MA SHOULDERS	70-22	4.0% @ N50	IL-9.5	MIX C	QC/QA	

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Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

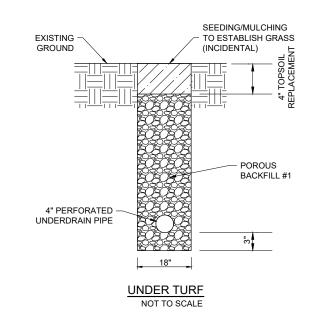
Contract No. SD062

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PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-302-T	YP.DWG		
DESIGN	BY: MJ	D 7/20	0/2022	
DRAWN	BY: HLE	7/20	/2022	

REVIEWED BY: BSS 1/12/2024

TYPICAL SECTIONS

**EXISTING** PAVEMENT



# PERFORATED PIPE TRENCH DETAILS

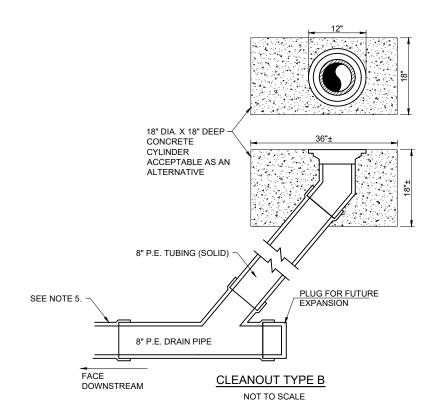
NOT TO SCALE

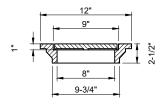
APPROX. 2.75" OF

SURFACE COURSE

BITUMINOUS

POROUS BACKFILL SHALL CONFORM TO THE REQUIREMENTS FOR IDOT CA-14 OR IDOT CA-16 AND WILL BE CONSIDERED INCIDENTAL TO AR705504 4" PERFORATED UNDERDRAIN AND NO ADDITIONAL COMPENSATION ALLOWED. CONTRACTOR SHALL PLACE AND CONSOLIDATE THE POROUS BACKFILL TO THE SATISFACTION OF THE RESIDENT ENGINEER/TECHNICIAN.





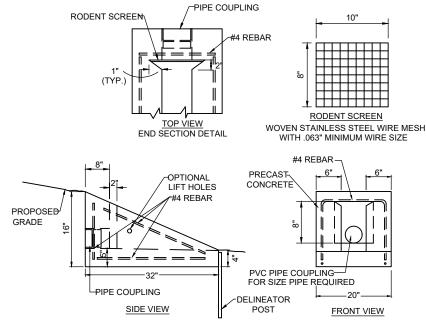
# CAST IRON FRAME AND GRATE

NEENAH R-6450-AG, EAST JORDAN 6206 DRAINAGE GRATE, OR APPROVED EQUAL

NOTE: CONTRACTOR TO VERIFY FRAME/GRATE WILL WORK WITH PROPOSED PIPE PRIOR TO ORDERING.

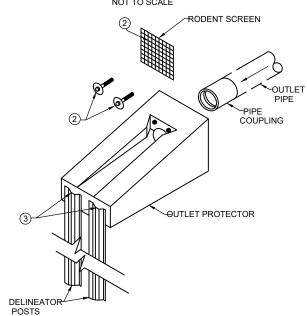
# **CLEANOUT NOTES**

- 1. DIAMETER OF PIPE AS SPECIFIED.
- 2. TOP OF CLEANOUTS SHALL BE FLUSH WITH FINISHED GROUND LINE AT LOCATION SHOWN
- 3. 1/2" CHAMFER TO BE USED ON ALL EXPOSED EDGES OF CLEANOUTS.
- 4. THE CONCRETE SHALL BE STRUCTURAL PORTLAND CEMENT CONCRETE (NON-REINFORCED) IN ACCORDANCE WITH SPECIFICATION 610.
- A PIPE REDUCER FROM 8" TO 4" SHALL BE USED TO TRANSITION FROM THE PROPOSED 8" CLEANOUT TO THE PROPOSED 4" UNDERDRAIN. (INCIDENTAL TO CLEANOUT ITEM.)



# UNDERDRAIN END SECTION

NOT TO SCALE



# **UNDERDRAIN END SECTION NOTES:**

- 1. THE CONTRACTOR SHALL INSTALL THE PROPOSED UNDERDRAIN END SECTION AT THE LOCATION AND GRADE SHOWN ON THE PLANS, ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS
- 2. THE RODENT SCREEN SHALL BE 1/3" SQUARE (3 OPENINGS PER INCH). IT SHALL BE FASTENED TO THE OUTLET PROTECTOR WITH TWO 1/4" BY 1" HEX HEAD LAG SCREWS WITH FLAT WASHERS AND ANCHORS. THE APPROXIMATE LOCATION OF THE ANCHOR HOLES SHALL BE AS SHOWN ON THE DETAILS.
- 3. THE DELINEATOR POSTS USED TO ANCHOR THE OUTLET PROTECTOR SHALL BE EMBEDDED A MINIMUM OF 2'. THE EXPOSED END OF THESE DELINEATOR POSTS SHALL NOT PROTRUDE ABOVE THE TOP EDGE OF THE DOWNSTREAM END OF THE OUTLET PROTECTOR.
- 4. THE PROPOSED UNDERDRAIN END SECTION WILL BE PAID FOR UNDER ITEM AR705620 UNDERDRAIN END SECTION.

# UNDERDRAIN END SECTION ISOMETRIC DETAIL

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Professional Service Corporation #184-001084



Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

DESCRIPTION NO. DATE DES DWN REV ISSUE: JANUARY 12, 2024 PROJECT NO: 21A0081D CAD FILE: C-501-DRN.DWG DESIGN BY: BSS 1/12/2024 DRAWN BY: HLE 1/12/2024

REVIEWED BY: BSS 1/12/2024

**UNDERDRAIN** 

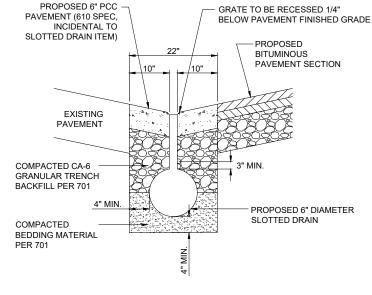
SHEET TITLE

DETAILS

**FOR BID** 

# AR401915 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE A (PARTIAL DEPTH)

NOT TO SCALE



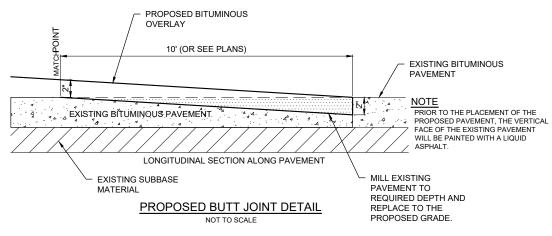
# SLOTTED DRAIN DETAIL

NOT TO SCALE

### SLOTTED DRAIN NOTE

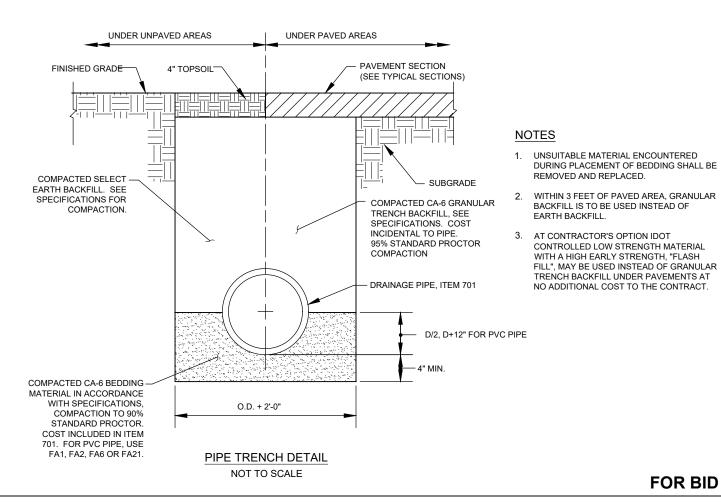
ALL LABOR AND MATERIAL ASSOCIATED WITH THE PROPER INSTALLATION OF THE PROPOSED SLOTTED DRAIN IS TO BE INCLUDED IN THE BID UNIT PRICE. THIS INCLUDES PAVEMENT REMOVAL, CONCRETE, BACKFILL AND BEDDING MATERIAL. AND PERFORATED SLOTTED DRAIN PIPE.

THE PROPOSED 6" PCC PAVEMENT SHALL BE IN CONFORMANCE WITH ITEM 610 OF THE SPECIFICATIONS.



### **BUTT JOINT CONSTRUCTION NOTES**

- THIS ITEM SHALL CONSIST OF REMOVING THE EXISTING BITUMINOUS PAVEMENT SURFACE BY MILLING IN ORDER TO CONSTRUCT A BUTT JOINT FOR THE TRANSITION OF THE PROPOSED BITUMINOUS OVERLAY AT THE LOCATIONS AS SHOWN ON THE DIAM.
- 2. THE PAVEMENT SURFACE WILL THEN BE MILLED TO A DEPTH OF 2" AT THE BUTT END AND WILL TAPER TO 0 IN. AT THE OPPOSITE END. THE PLANER MUST BE CAPABLE OF MILLING THE SURFACE TO THE DESIRED ELEVATIONS AND GRADES.
- 3. ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
- 4. ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE CONTRACTOR AND ACCEPTED BY THE RESIDENT ENGINEER.
- 5. BUTT JOINT CONSTRUCTION AND ASSOCIATED ITEMS SHALL BE PAID FOR UNDER THE RESPECTIVE ITEMS.



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Bi-State Development 6100 Archview Drive Cabokia Heights, II, 62206-1



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO. DATE

DESCRIPTION
DES DWN REV

ISSUE: JANUARY 12, 2024

PROJECT NO: 21A0081D

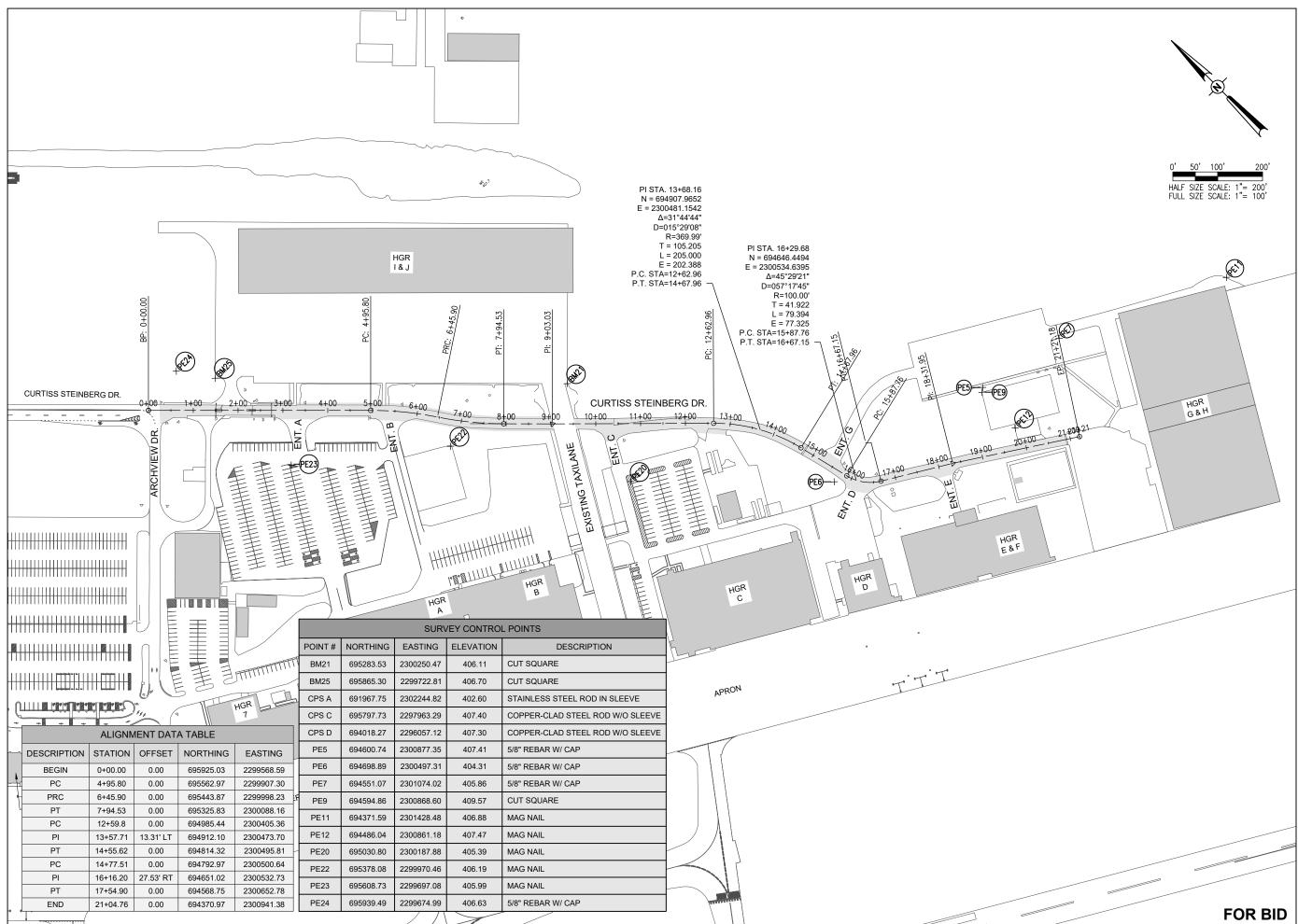
CAD FILE: C-501-DRNDWG

DESIGN BY: MJD 7/20/2022

DRAWN BY: HLE 7/20/2022

MISCELLANEOUS DETAILS

REVIEWED BY: BSS 1/12/2024





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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
NO.	DAIL	DES	DWN	REV
ISSUE:	JANUAF	RY 12,	2024	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: G-004-A	LN.DWG		
DESIGN	BY: MJ	D 7/20	0/2022	

SHEET TITLE

PROPOSED ALIGNMENT PLAN

DRAWN BY: HLE 7/20/2022 REVIEWED BY: BSS 1/12/2024



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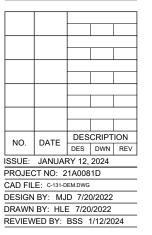
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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062



PROPOSED DEMOLITION PLAN

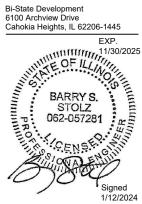


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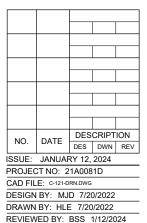




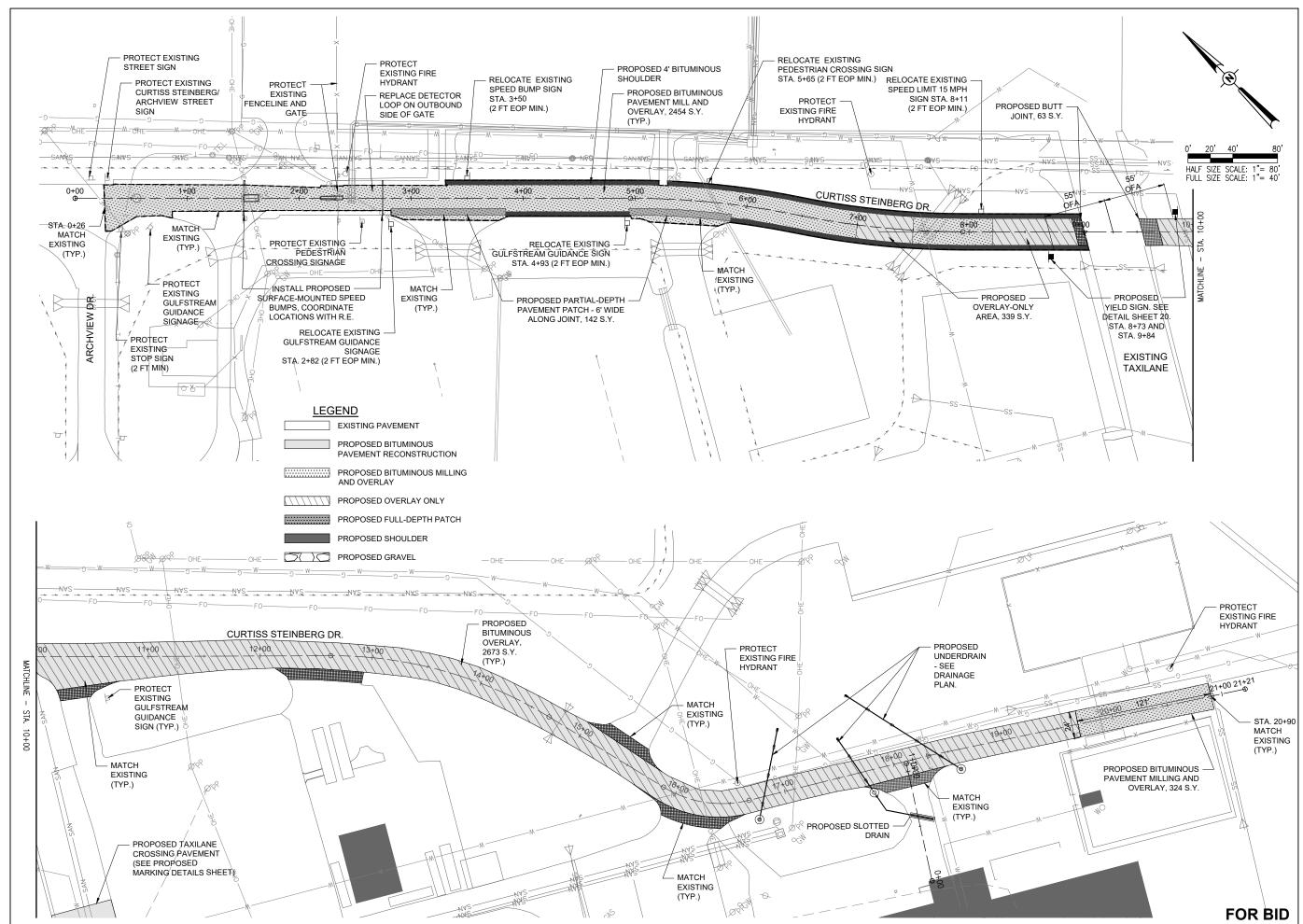
RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062



PROPOSED GRADING PLAN





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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

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PROJECT NO: 21A0081D

CAD FILE: C-121-CONDWG

DESIGN BY: MJD 7/20/2022

DRAWN BY: HLE 7/20/2022

REVIEWED BY: BSS 1/12/2024

PROPOSED CONSTRUCTION PLAN

UNDERDRAIN CLEANOUT TABLE				
STATION	STATION	RIM ELEV.		
S-1 CLEANOUT	0+24.67	RIM = 403.07'		
S-2 CLEANOUT	1+14.92	RIM = 402.72'		
S-3 CLEANOUT	0+25.23	RIM = 403.52'		

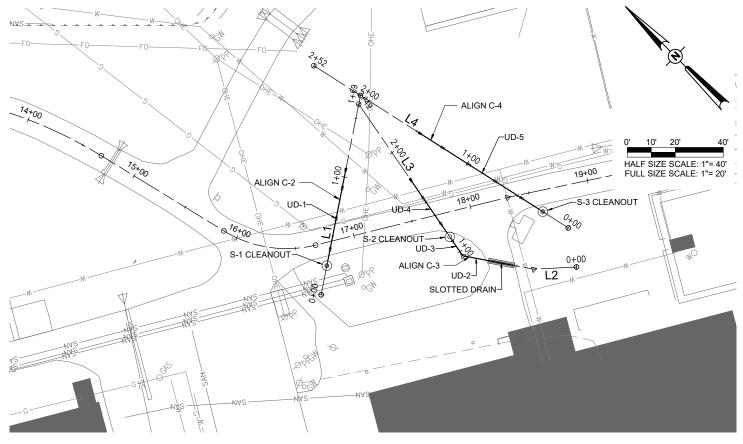
UNDERDRAIN - HEADWALL TABLE						
STATION	STATION	OUTFALL INVERT				
S-1 UD HEADWALL	1+07.34	INVERT = 402.03'				
S-2 UD HEADWALL	1+73.59	INVERT = 401.76'				
S-3 UD HEADWALL	1+47.89	INVERT = 401.90'				

PIPE DATA TABLE								
ALIGNMENT	PIPE NAME	START STATION	END STATION	SIZE	LENGTH	START INVERT	END INVERT	SLOPE
C-2	UD-1	STA. 0+24.67	STA. 1+04.67	4-IN	80'	402.20'	402.04'	-0.20%
C-3	UD-2	STA. 0+95.84	STA. 0+73.12	4-IN	23'	401.88'	401.92'	-0.16%
C-3	UD-3	STA. 1+14.92	STA. 0+95.84	4-IN	19'	401.85'	401.88'	-0.16%
C-3	SLOTTED DRAIN	STA. 0+73.12	STA. 0+53.12	6-IN	20'	401.92'	401.95'	-0.16%
C-3	UD-4	STA. 1+14.92	STA. 1+70.92	4-IN	56'	401.85'	401.76'	-0.16%
C-4	UD-5	STA. 0+25.23	STA. 1+45.23	4-IN	120'	402.15'	401.91'	-0.20%

	ALIGNMENT DATA C-2						
LABEL	START STATION	END STATION	LENGTH	AZIMUTH	START (N,E)	END (N,E)	
L1	0+00.00	1+69.31	169.31	58° 04' 33"	694592.029, 2300542.742	694681.559, 2300686.443	

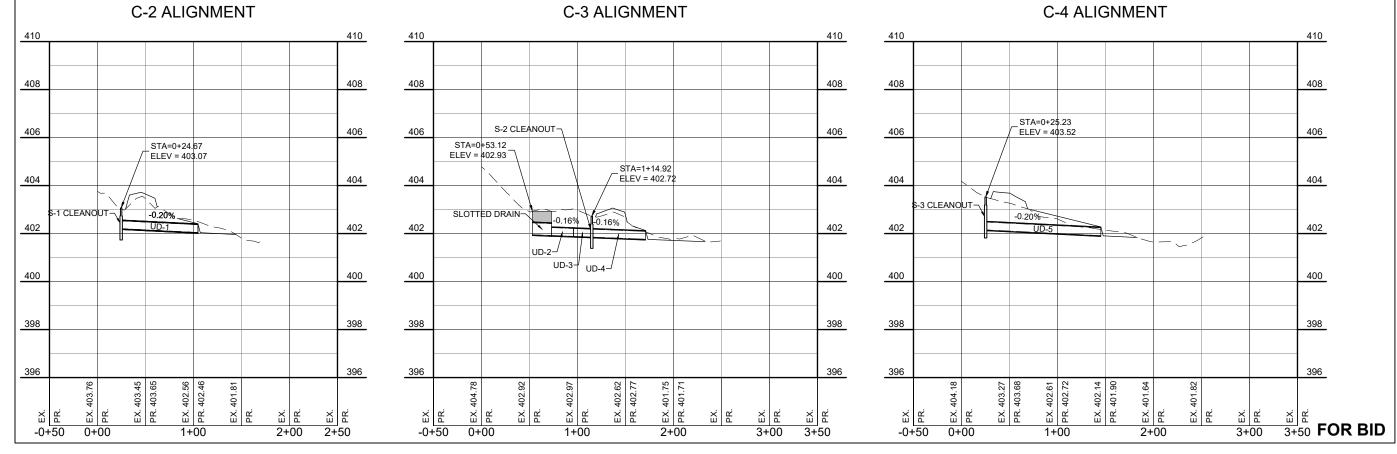
ALIGNMENT DATA C-3						
LABEL	START STATION	END STATION	LENGTH	AZIMUTH	START (N,E)	END (N,E)
L2	0+00.00	0+35.74	35.74	313° 59' 58"	694452.449, 2300704.992	694477.279, 2300679.279
L3	0+95.84	2+49.04	153.20	12° 27' 13"	694528.037, 2300647.104	694677.632, 2300680.141

	ALIGNMENT DATA C-4							
LABEL	START STATION	END STATION	LENGTH	AZIMUTH	START (N,E)	END (N,E)		
L4	0+00.00	2+51.52	251.52	349° 25' 19"	694479.621, 2300724.154	694726.865, 2300677.982		



### NOTE

- 1. CONTRACTOR SHALL LOCATE ALL UTILITIES SHOWN PRIOR TO INSTALLING ANY UNDERDRAINS, CULVERTS, SLOTTED DRAINS, OR ASSOCIATED STRUCTURES.
- 2. ALL COSTS ASSOCIATED WITH LOCATING PRIVATE UTILITIES SHALL BE INCIDENTAL TO THE UNDERDRAIN PAY ITEM.
- 3. ANY UNDERDRAIN DESIGN ADJUSTMENTS REQUIRED DUE TO UTILITY CONFLICTS MUST BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION OF ANY MATERIAL.



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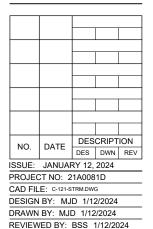
Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062



SHEET TITLE

PROPOSED DRAINAGE PLAN

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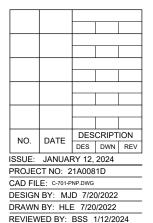
Bi-State Development 6100 Archview Drive Cahokia Heights, IL 62206-1



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

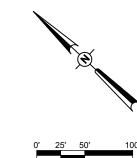
IDA No: CPS-4833

Contract No. SD062



SHEET TITLE

PROPOSED PLAN AND PROFILE - STA. 0+00-11+50



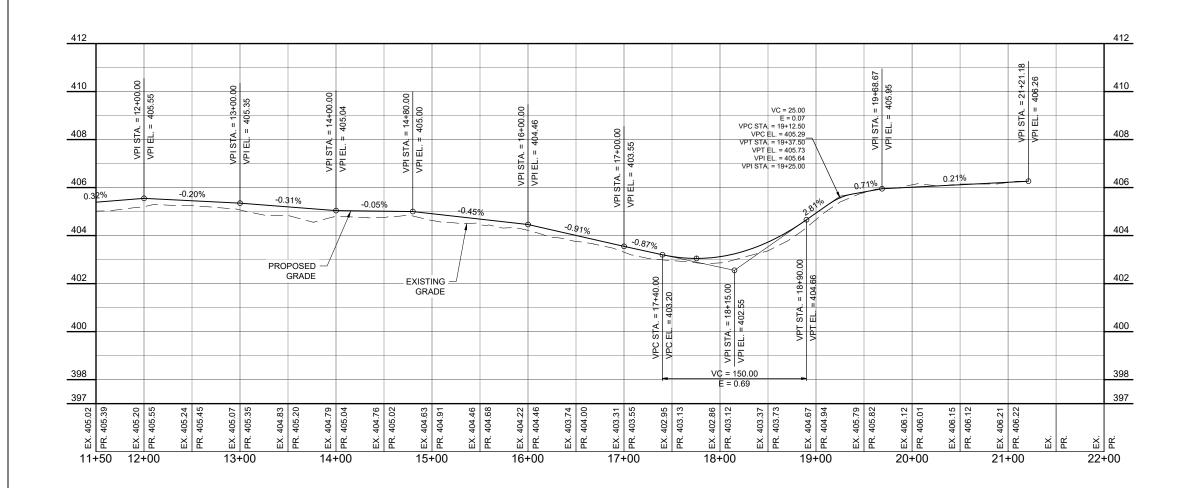
HALF SIZE SCALE: 1"= 100' FULL SIZE SCALE: 1"= 50'

# **LEGEND**

EXISTING PAVEMENT

PROPOSED BITUMINOUS MILLING AND OVERLAY

PROPOSED OVERLAY ONLY



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RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

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NO.	DATE	DES	CRIPT	ION			
NO.	DATE	DES	DWN	REV			
ISSUE:	JANUAF	RY 12,	2024				
PROJECT NO: 21A0081D							
CAD FILE: C-701-PNP.DWG							
DESIGN BY: MJD 7/20/2022							
DRAWN BY: HLE 7/20/2022							

PROPOSED PLAN AND PROFILE - STA. 11+50-21+00

SHEET TITLE

REVIEWED BY: BSS 1/12/2024

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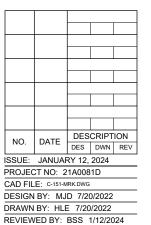
Bi-State Development 6100 Archview Drive Cahokia Heights, IL 62206-1445



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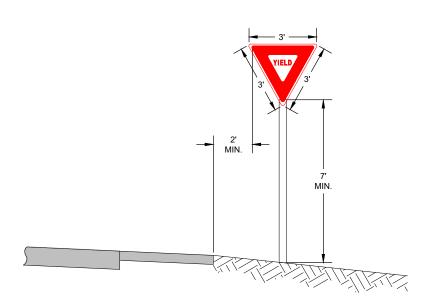


SHEET TITLE

PROPOSED MARKING PLAN

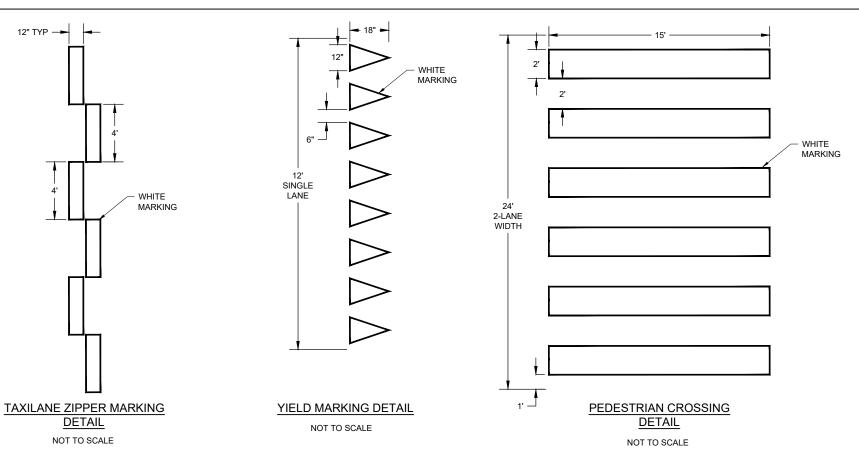
# **PAVEMENT MARKING**

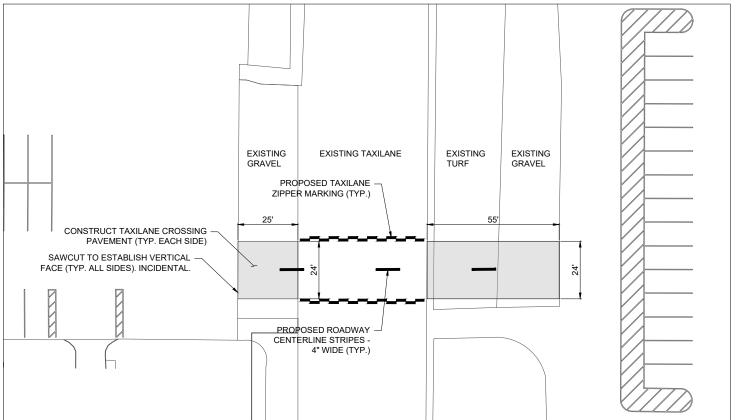
- 1. THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "RUNWAY AND TAXIWAY MARKING" AS STATED ON PAGE 535 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED MARCH 22, 2023.
- 2. THIS ITEM SHALL CONSIST OF ROADWAY MARKINGS IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE EITHER WHITE OR YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.
- ANY MATERIAL DELIVERED THAT FAILS TO MEET THE SPECIFICATIONS SHALL BE DISPOSED OF BY THE VENDOR AND IMMEDIATELY REPLACED WITH ACCEPTABLE MATERIAL ENTIRELY AT THE VENDOR'S EXPENSE, INCLUDING HANDLING AND TRANSPORTATION CHARGES.
- 4. CUT-OFF SHEETS WILL BE REQUIRED TO INSURE STRAIGHT EDGES.



TYPICAL SIGNAGE DETAIL

NOT TO SCALE





PROPOSED TAXILANE CROSSING PAVEMENT

NOT TO SCALE



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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO. DATE DESCRIPTION
DES DWN REV

ISSUE: JANUARY 12, 2024

PROJECT NO: 21A0081D

CAD FILE: C-501-MRK.DWG

DESIGN BY: MJD 7/20/2022

DRAWN BY: HLE 7/20/2022

PROPOSED MARKING DETAILS

REVIEWED BY: BSS 12/14/2023



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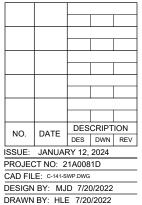
Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

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PROPOSED STORM

WATER POLLUTION PREVENTION PLAN

FOR BID