ITEM NO. 08A

**IDOT LETTING: SEPTEMBER 22, 2023** 

**CONSTRUCTION PLANS - FOR BID, ISSUED JULY 28, 2023** 

# 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

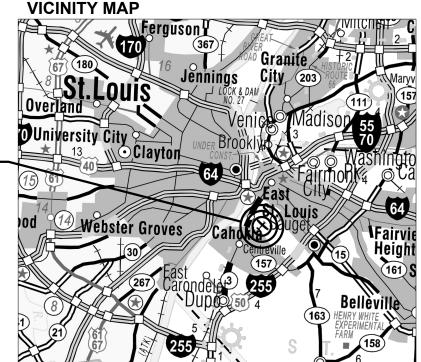
PROJECT LOCATION -

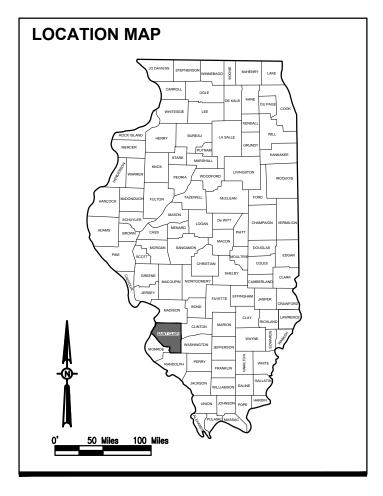


THIS PROJECT SHALL CONSIST OF THE REHABILITATION/RECONSTRUCTION OF A PORTION OF CURTISS STEINBERG DRIVE ON THE NORTH SIDE OF THE AIRPORT, WITHIN THE GULFSTREAM CAMPUS. THE PROJECT INCLUDES PAVEMENT MILLING AND REMOVAL, EARTHWORK GRADING AND DRAINAGE, AGGREGATE PLACEMENT, BITUMINOUS PLACEMENT, PAVEMENT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











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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	1,055	
AR156500	TEMPORARY EROSION CONTROL	L SUM	1	
AR162750	DETECTOR LOOP	L SUM	1	
AR208540	OVERSIZE AGGREGATE	TON	1,490	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	2,205	
AR401613	BIT. SURF. CSEMETHOD I, SUPERPAVE	TON	940	
AR401650	BITUMINOUS PAVEMENT MILLING	SQ YD	1,985	
AR401916	REM & REP BIT PAVEMENT-TYPE B	SQ YD	130	
AR403613	BIT. BASE CSEMETHOD I, SUPERPAVE	TON	1,025	
AR602510	BITUMINOUS PRIME COAT	GALLON	1,645	
AR603510	BITUMINOUS TACK COAT	GALLON	1,810	
AR620520	PAVEMENT MARKING-WATERBORNE	SQ FT	975	
AR701200	SLOTTED DRAIN	FOOT	24	
AR701512	12" RCP, CLASS IV	FOOT	160	
AR701524	24" RCP, CLASS IV	FOOT	40	
AR701900	REMOVE PIPE	FOOT	42	
AR752412	PRECAST REINFORCED CONC. FES 12"	EACH	8	
AR752424	PRECAST REINFORCED CONC. FES 24"	EACH	2	
AR760965	RELOCATE FIRE HYDRANT	EACH	1	
AR800469	REMOVE BITUMINOUS & PCC PAVEMENT	SQ YD	4,430	
AR800536	SPEED BUMP	EACH	4	
AR901510	SEEDING	ACRE	0.9	
AR908514	LIGHT-DUTY HYDRAULIC MULCH	ACRE	0.9	
AR910200	ROADWAY SIGN	EACH	2	
AR910975	RELOCATE ROADWAY SIGN	EACH	6	

EARTHWORK QUANTITY SUMMARY					
WORK AREA         CUT (CY)         FILL (CY)         FILL + NET (CY)           WORK AREA         (CY)         (CY)         (CY)					
CURTISS STEINBERG DR.	1,055**	688	826	229 (EXCESS)	

<sup>\*\*</sup> USED TO CALCULATE AR152410 PAY ITEM QUANTITIES

### **EARTHWORK NOTES:**

- EARTHWORK QUANTITIES (CUT/FILL VOLUMES) SHOWN ABOVE WERE CALCULATED UTILIZING AUTODESK CIVIL3D SOFTWARE THROUGH AUTOCAD. THE CALCULATION METHOD WAS BY A COMPARISON OF SURFACE MODELS CREATED WITH EXISTING SURVEY DATA AND PROPOSED DESIGN GRADES. THE VOLUMES WERE CALCULATED IN TWO PARTS: THE CUT/FILL VOLUME REQUIRED TO CORE OUT AND FILL FOR THE PROPOSED PAVEMENT SECTION AS COMPARED TO THE EXISTING SUBGRADE DATUM. AND THE CUT/FILL VOLUMES REQUIRED FOR PROPOSED GRADING WORK OUTSIDE OF THE PROPOSED PAVEMENT LIMITS AS COMPARED TO THE EXISTING GROUND SURFACE. THE NUMBERS IN THE SUMMARY TABLES ABOVE REPRESENT A TOTAL OF THESE TWO PARTS ADDED TOGETHER FOR CLARITY.
- FOLLOWING THE PROJECT AWARD, THE ENGINEER CAN PROVIDE THE RELEVANT AUTOCAD AND CIVIL 3D SURFACE MODEL FILES TO THE AWARDED CONTRACTOR UPON REQUEST TO ASSIST WITH CONSTRUCTION
- EXCESS MATERIAL TO BE PLACED ON STOCKPILE AS IDENTIFIED ON THE PLANS, AND GRADED TO DRAIN AT A MAINTAINABLE SLOPE (MAX 4:1). DISTURBED AREAS OF STOCKPILE SHALL BE RESTORED WITH SEEDING AND MULCHING IN ACCORDANCE WITH THE SPECIFICATIONS AND PAID FOR UNDER THE RESPECTIVE 901 AND 908 PAY ITEMS. AN ESTIMATED QUANTITY OF 0.20 ACRES OF SEEDING AND MULCHING EACH HAVE BEEN INCLUDED WITHIN THE BID QUANTITIES FOR STOCKPILE RESTORATION.

	INDEX TO SHEETS
SHEET NO.	SHEET TITLE
1	COVER SHEET
2	SUMMARY OF QUANTITIES AND INDEX TO SHEETS
3	SCOPE OF WORK
4	MAINTENANCE OF TRAFFIC PLAN PHASE 1
5	MAINTENANCE OF TRAFFIC PLAN PHASE 2
6	MAINTENANCE OF TRAFFIC PLAN PHASE 3
7	MAINTENANCE OF TRAFFIC PLAN PHASE 4
8	CONSTRUCTION SAFETY DETAILS AND NOTES
9	TYPICAL SECTIONS
10	MISCELLANEOUS DETAILS
11	PROPOSED DEMOLITION PLAN
12	PROPOSED ALIGNMENT PLAN
13	PROPOSED GRADING PLAN
14	PROPOSED CONSTRUCTION PLAN
15	PROPOSED PLAN AND PROFILE - STA. 0+00-11+50
16	PROPOSED PLAN AND PROFILE - STA. 11+50-21+00
17	PROPOSED PLAN AND PROFILE - ENTRANCES
18	PROPOSED MARKING PLAN
19	PROPOSED MARKING DETAILS
20	PROPOSED STORM WATER POLLUTION PREVENTION PLAN
21	CROSS SECTIONS - STA. 0+25 - 1+50
22	CROSS SECTIONS - STA. 2+00 - 3+50
23	CROSS SECTIONS - STA. 4+00 - 5+50
24	CROSS SECTIONS - STA. 6+00 - 7+30
25	CROSS SECTIONS - STA. 7+50 - 9+03
26	CROSS SECTIONS - STA. 9+55 - 11+00
27	CROSS SECTIONS - STA. 11+00 - 13+00
28	CROSS SECTIONS - STA. 13+50 - 15+00
29	CROSS SECTIONS - STA. 15+50 - 16+22
30	CROSS SECTIONS - STA. 16+50 - 17+00
31	CROSS SECTIONS - STA. 17+50 - 18+00
32	CROSS SECTIONS - STA. 18+50 - 20+00
33	CROSS SECTIONS - STA. 20+50 - 21+00

### **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.



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



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

IDA No: CPS-4833

Contract No. SD062

NO. DATE DESCRIPTION.

DES DWN REV ISSUE: JULY 28, 2023 PROJECT NO: 21A0081D

CAD FILE: G-002-FLP.DWG

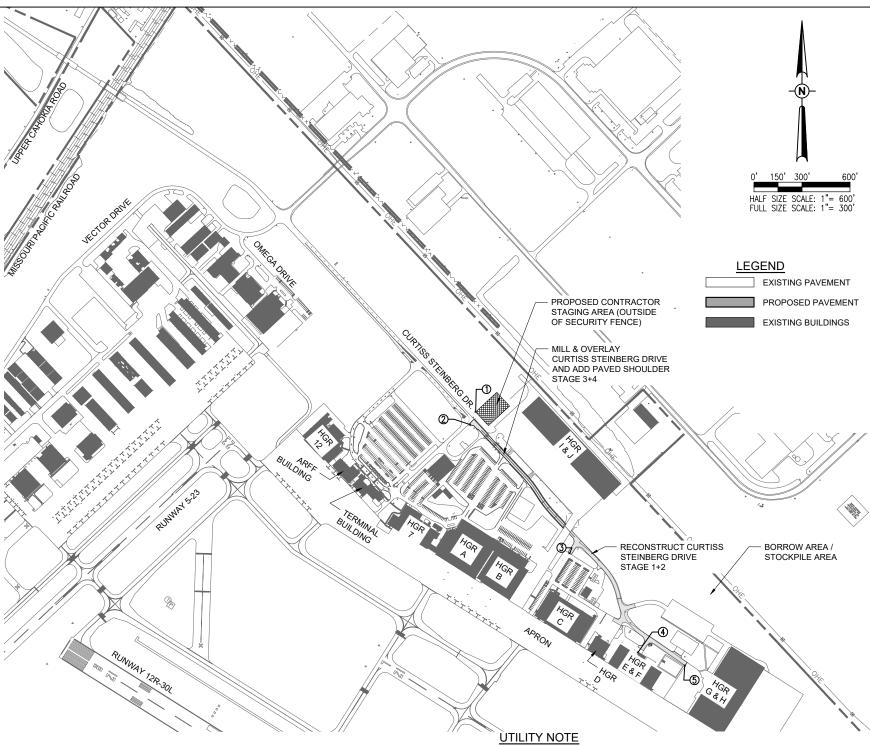
DESIGN BY: MJD 7/6/2022 DRAWN BY: HLE 7/6/2022 REVIEWED BY: BSS 6/30/2023

SHEET TITLE

SUMMARY OF **QUANTITIES AND INDEX TO SHEETS** 

### **GENERAL NOTES**

- THE SCOPE OF WORK SHEET IS INTENDED ONLY AS A GENERAL DESCRIPTION OF WORK ITEMS AND THEIR
  APPROXIMATE LOCATIONS AND LIMITS, FOR THE PURPOSE OF UNDERSTANDING THE SCOPE OF THE PROJECT.
  THIS SHEET SHALL NOT BE USED AS A CONSTRUCTION PLAN. REFER TO THE FOLLOWING PLAN SHEETS FOR
  DETAILED CONSTRUCTION REQUIREMENTS. LOCATIONS. AND ITEMS OF WORK.
- WORK FOR THIS PROJECT CONSISTS OF RECONSTRUCTION/WIDENING OF THE EXISTING AIRPORT ENTRANCE ROAD, INCLUDING PAVEMENT REMOVAL, EARTHWORK GRADING AND DRAINAGE, AGGREGATE PLACEMENT, BITUMINOUS PLACEMENT, PAVEMENT MARKING, EROSION CONTROL ITEMS AND INCIDENTALS.
- 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
- 4. 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 ELECTRICAL, DRAINAGE, AND PAVEMENT STRUCTURES AT NO ADDITIONAL COST TO THE CONTRACT.
- NO EQUIPMENT SHALL BE PERMITTED TO CROSS OR USE ANY EXISTING AIRPORT PAVEMENT OUTSIDE THE CONSTRUCTION LIMITS, GENERAL PROJECT AREA OR HAUL ROUTE.
- 7. 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 THE HAUI. ROLITE.
- 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.
- 19. REMOVAL OF ANY EXISTING AGGREGATE SHOULDERS OR ROADWAYS SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- 20. AT ALL EXISTING LOCATIONS WERE HMA OR PCC PAVEMENT JOINS AN EXISTING HMA OR PCC PAVEMENT, A FULL DEPTH SAWED JOINT SHALL BE CONSTRUCTED AND WILL BE INCIDENTAL TO THE TYPE OF PAVEMENT BEING CONSTRUCTED.



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.I. I.F. INFORMATION

3.0.L.I.L. II	NI ORIVIATION
COUNTY	ST. CLAIR
CITY	CAHOKIA
TOWNSHIP	CENTERVILLE
SECTION NO.	T.1N R.10W.
ADDRESS	ST. LOUIS DOWNTOWN AIRPOR
-	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. THE 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 **FOR BID** 

HANSON Engineering | Planning | Allied Service

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Illinois Licensed 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

NO.	DATE	DES	CRIPT	ION
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ISSUE:	JULY 28	3, 2023	}	
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DESIGN BY: MJD 7/12/2022				
DRAWN	BY: HLE	7/12	/2022	

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SHEET TITLE

SCOPE OF WORK

REVIEWED BY: BSS 6/30/2023

### 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
- 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
- THE PROPOSED CONSTRUCTION WILL NOT BE NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER

### 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.



50' 100' 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

——X—— EXISTING FENCE PROPOSED PUBLIC TRAFFIC ROUTE

> PROPOSED CONTRACTOR HAUL ROUTE

PROPOSED BARRICADES/DRUMS

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

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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.

7/28/2023

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Cahokia Heights, IL 62206-1445

IDA No: CPS-4833

Contract No. SD062

DESCRIPTION NO. DATE DES DWN REV ISSUE: JULY 28, 2023

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 6/30/2023

SHEET TITLE

MAINTENANCE OF TRAFFIC PLAN PHASE 1

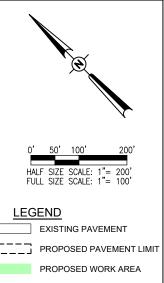
TEMP. CONSTRUCTION SIGN PLACE AND MAINTAIN CONSTRUCTION SIGNAGE CURTISS STEINBERG DR. CURTISS STEINBERG DR. PLACE AND MAINTAIN BARRICADES l ω ALLILLILLILL A PHASE 1 WORK PLACE AND MAINTAIN CONSTRUCTION SIGNAGE IS BUILL BUILLING APRON

### 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.
- 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
- THE PROPOSED CONSTRUCTION WILL NOT BE NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER

### 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.



**EXISTING BUILDINGS** PROPOSED CONTRACTOR STAGING AREA ——X—— EXISTING FENCE PROPOSED PUBLIC TRAFFIC ROUTE PROPOSED CONTRACTOR HAUL ROUTE

PROPOSED BARRICADES/DRUMS TEMP. CONSTRUCTION SIGN

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Professional Service Corporation

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DOWNTOWN AIRPORT

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BARRY S.

STOLZ 062-057281

EXP.

7/28/2023

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Cahokia Heights, IL 62206-1445

IDA No: CPS-4833

Contract No. SD062

DESCRIPTION NO. DATE DES DWN REV ISSUE: JULY 28, 2023 PROJECT NO: 21A0081D CAD FILE: G-005-SFY.DWG DESIGN BY: M.ID 7/20/2022 DRAWN BY: HLE 7/20/2022

MAINTENANCE OF TRAFFIC PLAN PHASE 2

SHEET TITLE

REVIEWED BY: BSS 6/30/2023

PLACE AND PLACE AND MAINTAIN MAINTAIN **BARRICADES** CONSTRUCTION SIGNAGE (TYP.) PHASE 2 WORK CURTISS STEINBERG DR. CURTISS STEINBERG DR. ◈▶ / ap PLACE AND MAINTAIN CONSTRUCTION SIGNAGE ALLILLILLILL A PRILLIP ALLEGA APRON PLACE AND MAINTAIN CONSTRUCTION SIGNAGE

**FOR BID** 

### PHASE 3 NOTES

- THE CONTRACTOR MAY NOT WORK IN MULTIPLE 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
- THE PROPOSED CONSTRUCTION WILL NOT BE NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER

### 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
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### LEGEND

EXISTING PAVEMENT PROPOSED PAVEMENT LIMIT PROPOSED WORK AREA

**EXISTING BUILDINGS** PROPOSED CONTRACTOR STAGING AREA

——X—— EXISTING FENCE PROPOSED PUBLIC TRAFFIC ROUTE

> PROPOSED CONTRACTOR HAUL ROUTE

> > PROPOSED BARRICADES/DRUMS

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Cahokia Heights, IL 62206-1445

IDA No: CPS-4833

Contract No. SD062

DESCRIPTION NO. DATE DES DWN REV ISSUE: JULY 28, 2023 PROJECT NO: 21A0081D CAD FILE: G-005-SFY.DWG DESIGN BY: M.ID 7/20/2022 DRAWN BY: HLE 7/20/2022

MAINTENANCE OF TRAFFIC PLAN PHASE 3

SHEET TITLE

REVIEWED BY: BSS 6/30/2023

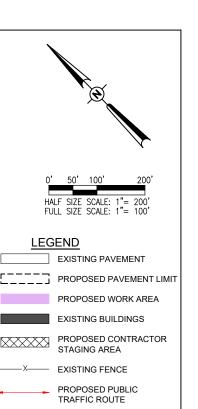
TEMP. CONSTRUCTION SIGN PLACE AND PLACE AND MAINTAIN MAINTAIN BARRICADES CONSTRUCTION PLACE AND MAINTAIN SIGNAGE (TYP.) (TYP.) CONSTRUCTION SIGNAGE (TYP.) CURTISS STEINBERG DR. C C CURTISS STEINBERG DR. (m) PHASE 3 HGR E&F TRAILINE AUTHOR APRON

### 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.
- 2. 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.
- 4. 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
- 6. 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.
- 8. THE PROPOSED CONSTRUCTION WILL NOT BE NECESSITATE CLOSING ANY 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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- 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 CONTRACTOR

HAUL ROUTE
PROPOSED
BARRICADES/DRUMS

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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: JULY 28, 2023

PROJECT NO: 2140081D

CAD FILE: G-005-SPY-DWG

DESIGN BY: MJD 7/20/2022

DRAWN BY: HLE 7/20/2022

REVIEWED BY: BSS 6/30/2023

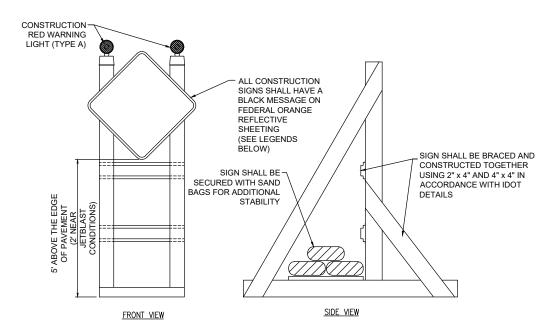
MAINTENANCE OF TRAFFIC PLAN PHASE 4

SHEET TITLE

TEMP. CONSTRUCTION SIGN PLACE AND PLACE AND MAINTAIN MAINTAIN CONSTRUCTION CONSTRUCTION SIGNAGE (TYP. SIGNAGE (TYP.) CURTISS STEINBERG DR CURTISS STEINBERG DR.  $\overline{\mathbb{A}}$ WORK PLACE AND MAINTA BARRICADES. PLACE AND MAINTAIN (D) T() PLACE AND MAINTAIN CONSTRUCTION SIGNAGE (TYP.) SIGNAGE (TYP.) APRON

### SIGNAGE NOTES

- ALL CONSTRUCTION SIGNS AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MANUAL ON UNIFORM 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.
- 2. 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
- 3. 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).
- 4. 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 ORSCLIPE VISION
- COST FOR PROVIDING, PLACING, MAINTAINING, AND REMOVING SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC MAINTENANCE ITEM.



TYPICAL CONSTRUCTION SIGNAGE







R11-2

48" x 30"

(c)







0



CONSTRUCTION SIGN LEGENDS

### 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 MAINTAIN SAFETY AT THE AIRPORT
- 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 CONFEDENCE.
- ALL CONSTRUCTION EQUIPMENT 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" LATEST 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 ACTIVE RUNWAY.
- 3. 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 LOCAL PERMITS UNLESS SPECIFIED OTHERWISE.
- 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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Offices Nationwide www.hanson-inc.com

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Illinois Licensed 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	DESCRIPTION				
INO.	DATE	DES	DWN	REV		
ISSUE:	JULY 28	3, 2023	3			
PROJEC	CT NO: 2	1A008	1D			
CAD FIL	CAD FILE: C-501-SFY.DWG					
DESIGN	DESIGN BY: MJD 7/20/2022					
DRAWN	DRAWN BY: HLE 7/20/2022					

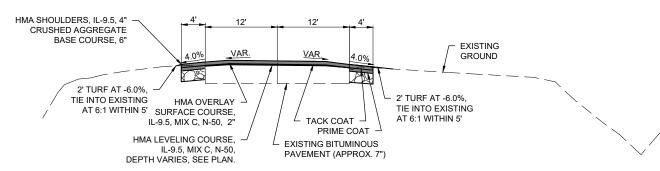
CONSTRUCTION SAFETY DETAILS AND NOTES

REVIEWED BY: BSS 6/30/2023

### **FULL-DEPTH BITUMINOUS REMOVAL** PROPOSED TYPICAL SECTION - (STA. 8+97 - 20+81)

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

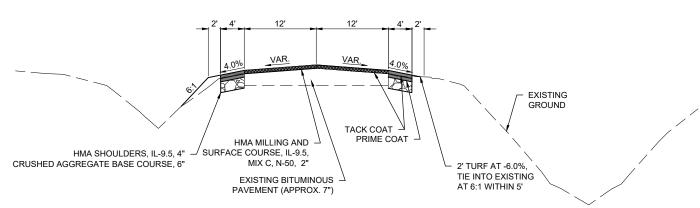
- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING
- OPERATION AS MUCH AS POSSIBLE. SURFACE COURSE SHALL BE PG 70-22.
- BASE COURSE SHALL BE PG 64-22.
- SHOULDER GRADING VARIES FROM STA. 19+50 TO STA. 20+81



# PROPOSED TYPICAL SECTION - (STA. 7+00 - 7+50 AND 8+21 - 8+97)

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

- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING OPERATION AS MUCH AS POSSIBLE.
- SURFACE COURSE SHALL BE PG 70-22.
- BASE COURSE SHALL BE PG 64-22.

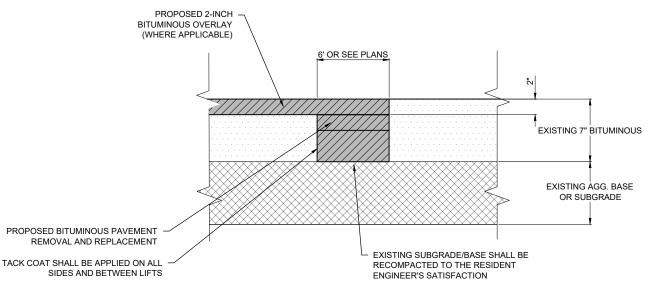


# PROPOSED TYPICAL SECTION - (STA. 0+26 - 7+00 AND 7+50 - 8+21)

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

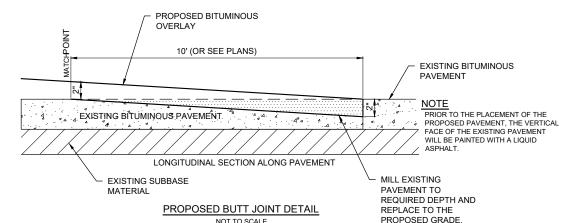
### NOTES:

- CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING
- OPERATION AS MUCH AS POSSIBLE.
- 3. BASE COURSE SHALL BE PG 64-22.



# AR401916 REMOVE & REPLACE BITUMINOUS PAVEMENT - TYPE B

NOT TO SCALE



### **BUTT JOINT CONSTRUCTION NOTES**

- THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH "BUTT JOINT CONSTRUCTION" AS STATED IN THE STANDARD SPECIFICATIONS, ADOPTED JANUARY 1, 2022.
- 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
- 3. 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.
- ANY ADJACENT PAVEMENT DAMAGED BY THE MILLING OPERATIONS WILL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE.
- 5. ALL BITUMINOUS PAVEMENT MILLING AREAS WILL BE LOCATED AND MARKED BY THE CONTRACTOR AND ACCEPTED BY THE RESIDENT ENGINEER
- 6. BUTT JOINT CONSTRUCTION AND ASSOCIATED ITEMS SHALL BE INCIDENTAL TO THE

HMA MIXTURE REQUIREMENTS						
APPLICATION AC / PG DESIGN AIR VOIDS MIXTURE COMPOSITION FRICTION AGGREGATE QUALITY MANAGEMENT						
HMA SURFACE COURSE (TOP LIFTS / OVERLAY)	70-22	4.0% @ Ndesign = 50	IL-9.5	MIX C	QC/QA	
HMA BINDER COURSE (BOTTOM LIFTS)	64-22	4.0% @ N50	IL-19.0	N/A	QC/QA	
HMA SHOULDERS	70-22	4.0% @ N50	IL-9.5	MIX C	QC/QA	

**FOR BID** 

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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

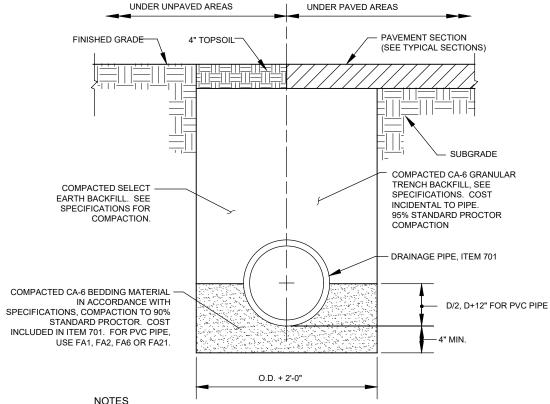
Contract No. SD062

NO.	DATE	DES	CRIPT	ION
NO.	DATE	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	3	
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	

TYPICAL SECTIONS

SHEET TITLE

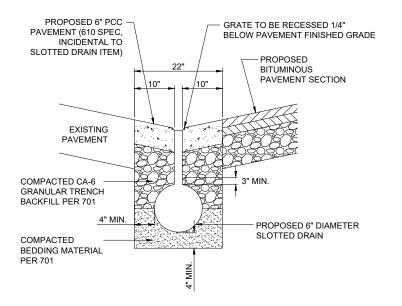
REVIEWED BY: BSS 6/30/2023



# **NOTES**

- 1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE
- WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF
- AT CONTRACTOR'S OPTION IDOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH. "FLASH FILL". MAY BE USED INSTEAD OF GRANULAR TRENCH BACKFILL UNDER PAVEMENTS AT NO ADDITIONAL COST TO THE CONTRACT.

PIPE TRENCH DETAIL NOT TO SCALE



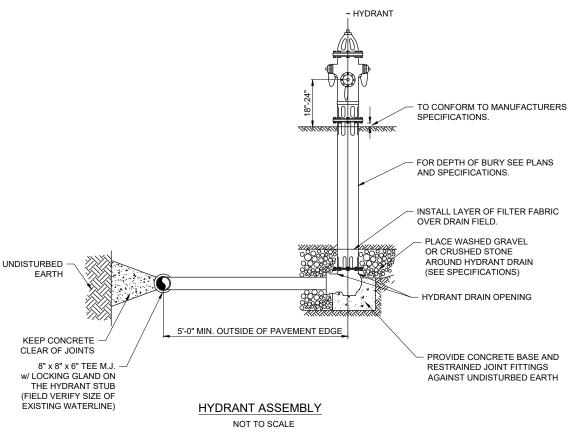
## SLOTTED DRAIN DETAIL

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.





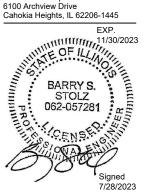
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Bi-State Development 6100 Archview Drive



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

IDA No: CPS-4833

Contract No. SD062

NO. DATE DESCINI ....

DES DWN REV ISSUE: JULY 28, 2023 PROJECT NO: 21A0081D CAD FILE: C-501-DRN.DWG DESIGN BY: MJD 7/20/2022 DRAWN BY: HLE 7/20/2022 REVIEWED BY: BSS 6/30/2023

MISCELLANEOUS DETAILS



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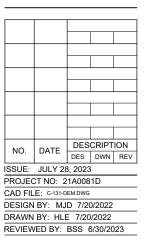
Bi-State Development



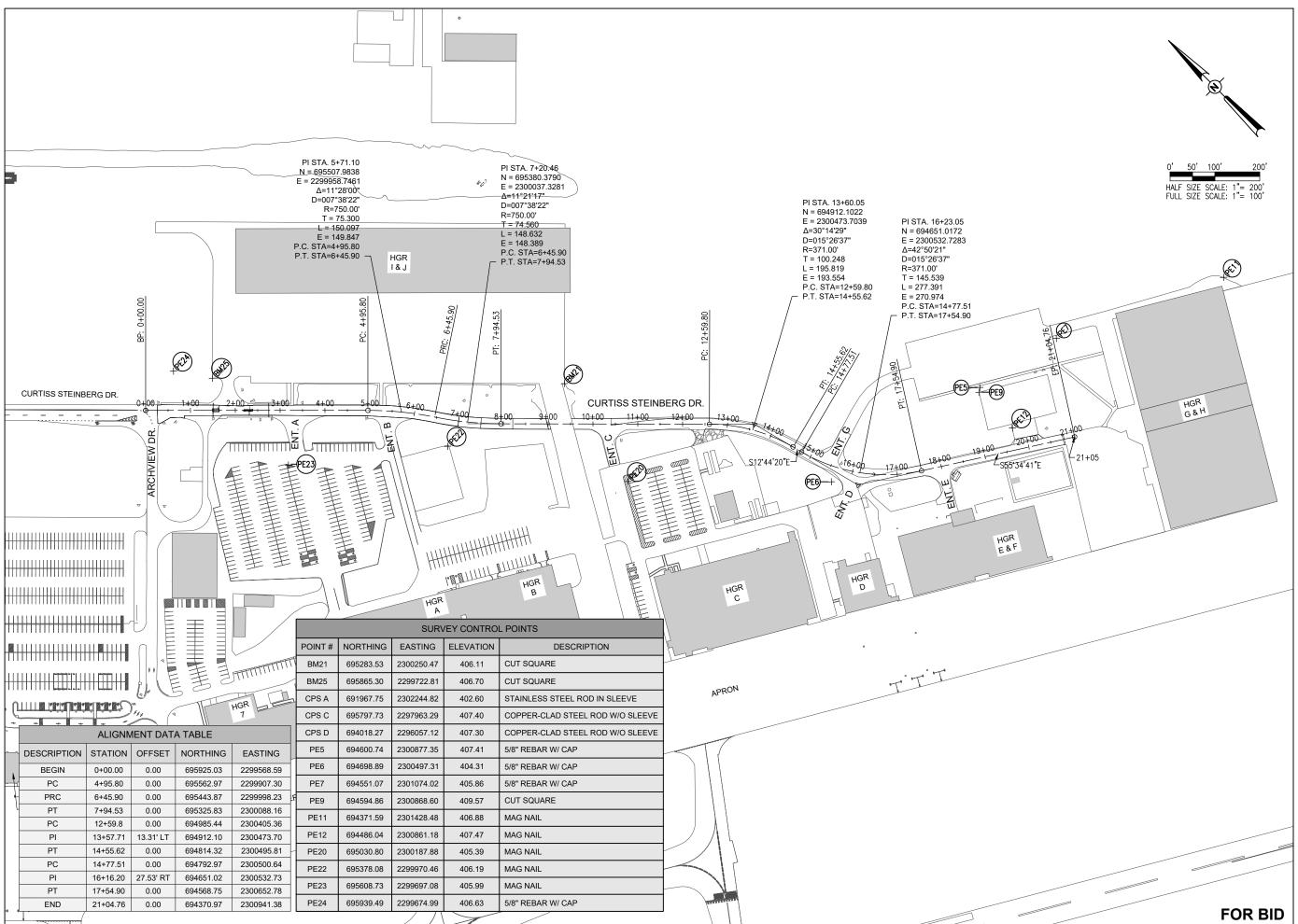
RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

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

NO.	DATE	DES	CRIPT	ION
INO.	DAIL	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	}	
PROJEC	CT NO: 2	1A008	1D	
CAD FILE: G-004-ALN.DWG				
DESIGN	BY: MJ	D 7/20	0/2022	
DRAWN	BY: HLE	7/20	/2022	

PROPOSED ALIGNMENT PLAN

SHEET TITLE

REVIEWED BY: BSS 6/30/2023

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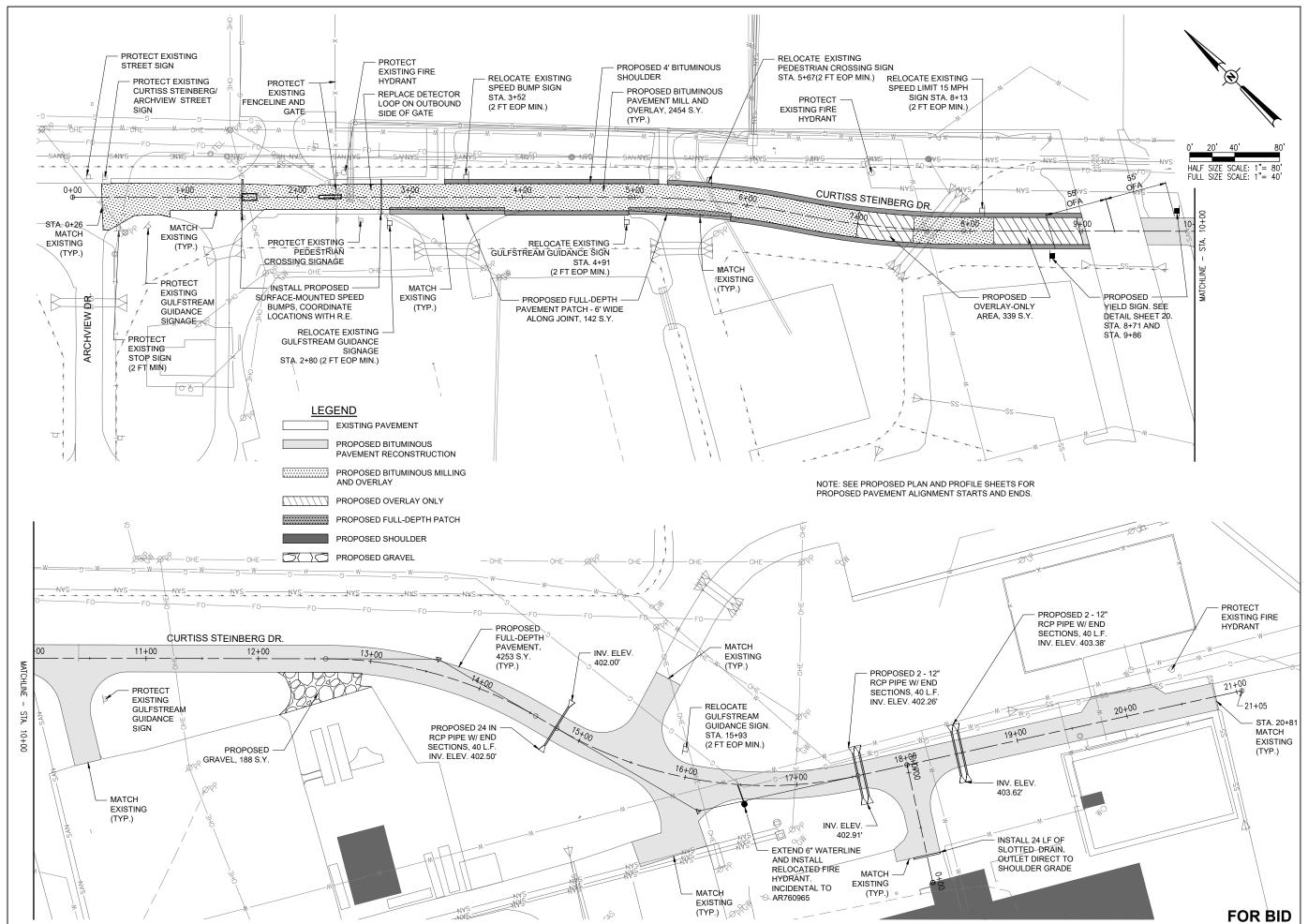
RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
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ISSUE:	JULY 28	3, 2023	3	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-121-D	RN.DWG		
DESIGN	BY: MJ	D 7/2	0/2022	
DRAWN	BY: HLE	7/20	)/2022	
REVIEW	/ED BY:	BSS (	6/30/20	23

PROPOSED GRADING PLAN





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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: JULY 28, 2023

PROJECT NO: 21A0081D

CAD FILE: C-121-CONDWG

DESIGN BY: MJD 7/20/2022

DRAWN BY: HLE 7/20/2022

REVIEWED BY: BSS 6/30/2023

PROPOSED CONSTRUCTION PLAN

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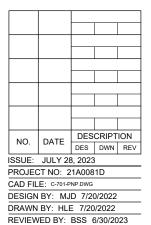
Bi-State Development 6100 Archview Drive Cabokia Heights II 62206-1



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062



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

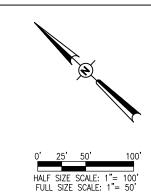
404.41

404.6

404. 404. 403.66

403.14

405.0 406.1



### **LEGEND**

EXISTING PAVEMENT

PROPOSED BITUMINOUS
PAVEMENT RECONSTRUCTION

PROPOSED BITUMINOUS MILLING AND OVERLAY

PROPOSED OVERLAY ONLY

PROPOSED FULL-DEPTH PATCH

PROPOSED SHOULDER

PROPOSED GRAVEL

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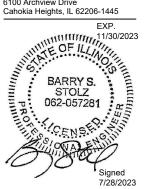
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Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO. DATE DESCRIPTION
DES DWN REV

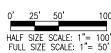
ISSUE: JULY 28, 2023
PROJECT NO: 21A0081D
CAD FILE: C-701-PNP DWG
DESIGN BY: MJD 7/20/2022
DRAWN BY: HLE 7/20/2022

SHEET TITLE

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

REVIEWED BY: BSS 6/30/2023

12+00





EXISTING PAVEMENT

PROPOSED BITUMINOUS
PAVEMENT RECONSTRUCTION

PROPOSED BITUMINOUS MILLING AND OVERLAY

PROPOSED OVERLAY ONLY
PROPOSED FULL-DEPTH PATCH

PROPOSED SHOULDER

PROPOSED GRAVEL

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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

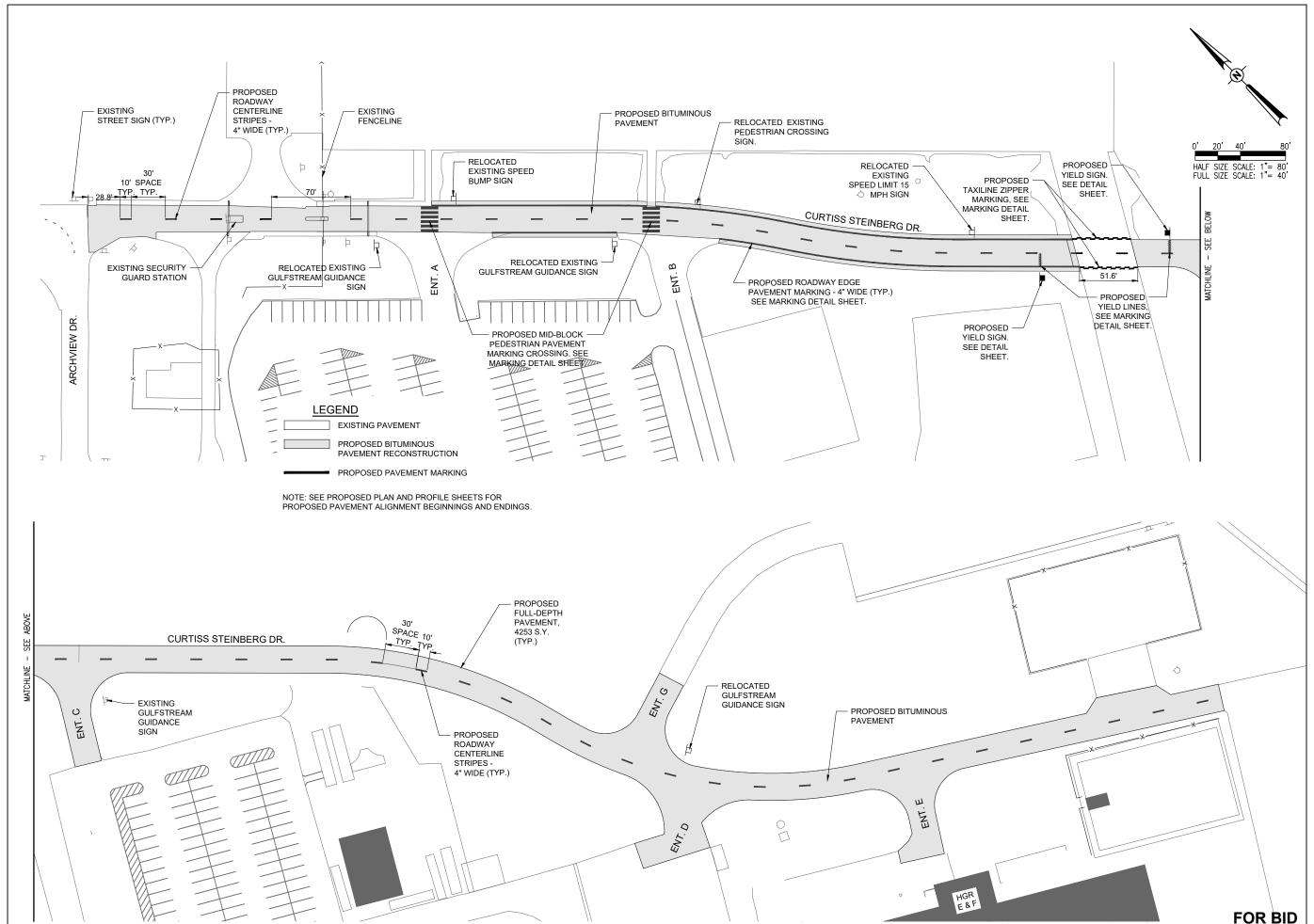
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DES DWN REV

ISSUE: JULY 28, 2023
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 -ENTRANCES

SHEET TITLE

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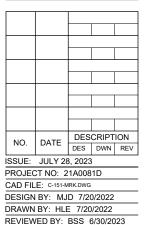
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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

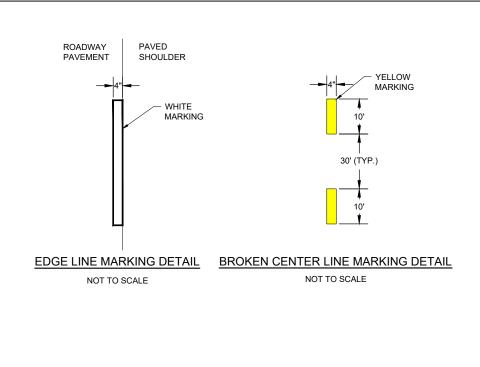
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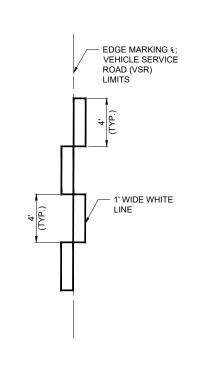
Contract No. SD062



SHEET TITLE

PROPOSED MARKING PLAN

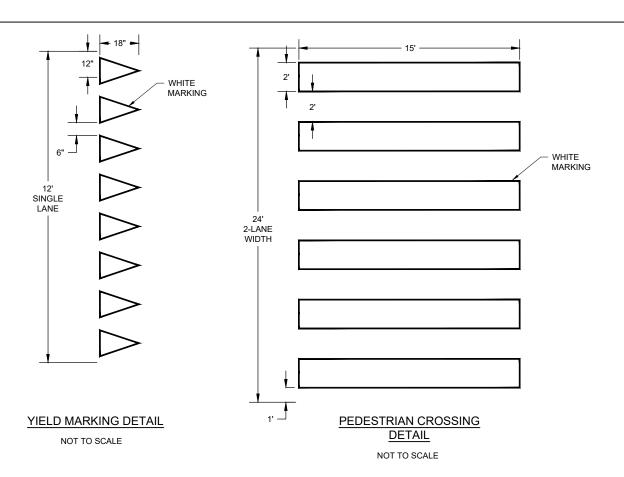


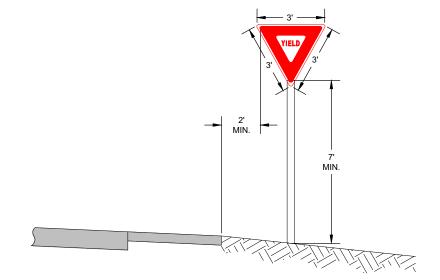


TAXILANE ZIPPER MARKING

DETAIL

NOT TO SCALE





### TYPICAL SIGNAGE DETAIL

NOT TO SCALE

### 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.
- 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.
- 3. 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.

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IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
NO.	DAIL	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	3	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-501-M	IRK.DWG		
DESIGN	BY: MJ	D 7/2	0/2022	
DRAWN	BY: HLE	7/20	/2022	

PROPOSED MARKING DETAILS

REVIEWED BY: BSS 6/30/2023



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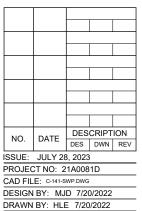
Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

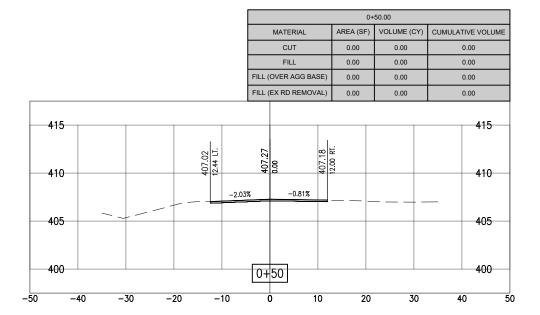
IDA No: CPS-4833

Contract No. SD062



PROPOSED STORM WATER POLLUTION PREVENTION PLAN

REVIEWED BY: BSS 6/30/2023



			0+24.66						
		MATE	RIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUM			
		cu	Г	0.00	0.00	0.00			
		FIL	L	0.00	0.00	0.00			
		FILL (OVER A	GG BASE)	0.00	0.00	0.00			
		FILL (EX RD	REMOVAL)	0.00	0.00	0.00			
415						415			
410	 					<del>410</del>			
405						405			
400		0+25				400			

		1+50.00					
		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME		
		CUT	0.00	0.00	0.00		
		FILL	0.00	0.00	0.00		
		FILL (OVER AGG BASE)	0.00	0.00	0.00		
		FILL (EX RD REMOVAL)	0.00	0.00	0.00		
415					415		
410	406.77 11.84 LT.	406.82	-1.32 AI.		410		
405	-2.09	7			405		
400					400		
395		1+50			395		

		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
		CUT	0.00	0.00	0.00
		FILL	0.00	0.00	0.00
		FILL (OVER AGG BA	SE) 0.00	0.00	0.00
		FILL (EX RD REMO\	/AL) 0.00	0.00	0.00
410	-2.59)		407.05 11.62 RT.		415
405					405
400		1+00			400

1+00.00

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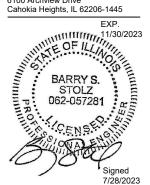
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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

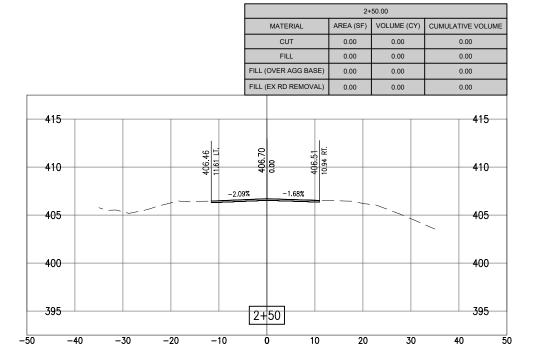
IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
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CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 7/2	0/2022	
DRAWN	BY: HLE	7/20	)/2022	
REVIEW	/ED BY:	BSS (	3/30/20	23

SHEET TITLE

CROSS SECTIONS -STA. 0+25 - 1+50



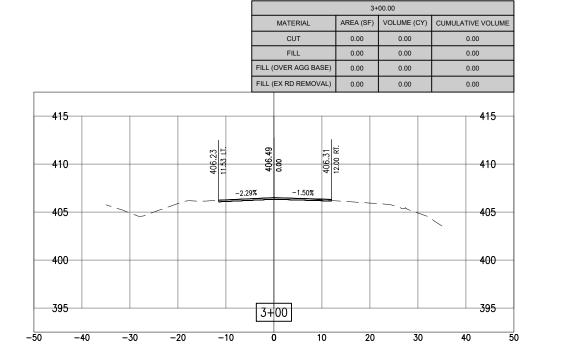
			CUT		2.86	2.65	2.65
			FILL		0.90	0.83	0.83
			FILL (OVER A	GG BASE)	0.00	0.00	0.00
			FILL (EX RD R	EMOVAL)	0.00	0.00	0.00
415							415
410	404.60 25.50 LT.	406.11 12.00 LT.	406.29	406.11			410
405	-17.38%	-2.00% -	1.50% —1	.50%			405
400							400
395			3+50				395

MATERIAL

3+50.00

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

			2+	00.00	
		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUM
		CUT	0.00	0.00	0.00
		FILL	0.00	0.00	0.00
		FILL (OVER AGG BASE)	0.00	0.00	0.00
		FILL (EX RD REMOVAL)	0.00	0.00	0.00
415					415
410	406.66 10.21 LT.	406.81 0.00 406.67			410
405		-1.34%			405
400					400
395		2+00			395



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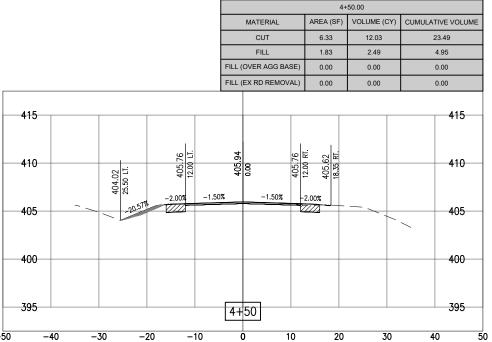
RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

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PROJEC	CT NO: 2	1A008	1D	
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DESIGN	BY: MJ	D 5/2	3/2022	
DRAWN	BY: HLE	5/23	3/2022	
REVIEW	/ED BY:	BSS 6	6/30/20	23

CROSS SECTIONS -STA. 2+00 - 3+50



MATERIAL CUT FILL

FILL (OVER AGG BASE)

FILL (EX RD REMOVAL)

-1.50%

2.00%

20

30

-1.50%

4+00

4+00.00

0.86

0.00

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

2.46

0.00

0.00

415

410

405

400

395

1.63

0.00

0.00

				MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE	. VOLUN
				CUT		3.30	5.70	37.6	D
				FILL		0.04	3.22	12.9	5
			FILL (	OVER AGG BA	SE)	0.00	0.00	0.00	)
			FILL (I	EX RD REMOV	/AL)	0.00	0.00	0.00	)
415									<del>4</del> 15
410	405.12 18.91 LT. 405.47	12.00 LT.	405,65	0.00	405.50				<b>410</b>
405		-1.50	0%	-1.23%				_	405
400									400
395			5+	50					395

5+50.00

AREA (SE) VOLUME (CV) CUMULATIVE

						5+	00.00	
				MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
				CUT		2.75	8.41	31.89
				FILL		3.34	4.79	9.74
			FILL (	OVER AGG BA	SE)	0.00	0.00	0.00
			FILL (	EX RD REMOV	AL)	0.00	0.00	0.00
415								415
410	404.08 25.50 LT.	405.62 12.00 LT.	405.80	00:00	405.63	12.00 KI.		410
405	17.83%	-2.00% -1.	50%	-1.39%				405
400								400
395			5+	-00				395



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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DESCRIPTION					
140.	DAIL	DES	DWN	REV			
ISSUE:	JULY 28	3, 2023	3				
PROJEC	CT NO: 2	1A008	1D				
CAD FIL	E: C-301-X	S.DWG					
DESIGN	BY: MJ	D 5/2	3/2022				
DRAWN	BY: HLE	5/23	3/2022				

REVIEWED BY: BSS 6/30/2023

CROSS SECTIONS -STA. 4+00 - 5+50

SHEET TITLE

415

410

405

400

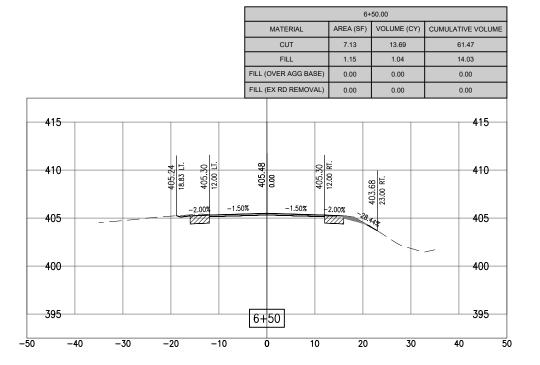
395

404.25 25.50 LT.

-30

-20

-10



6+00.00

			FILL (	FILL (EX RD REMOVA		0.00	0.00		0.00
415			_						415
410	405.28 19.38 LT.	405.25 12.00 LT.	405.43	0:00	405.25	405.27 19.29 RT.			410
405		-2.00% -	-1.50%	-1.50%		2.00%		7	405
400									400
395			7+	-30					395

MATERIAL

CUT

7+30.00

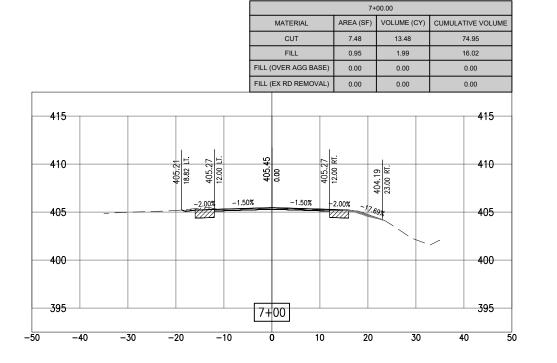
8.64

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

83.89

8.94

			MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VO
			CUT	7.64	10.18	47.78
			FILL	0.00	0.04	12.99
		FILL	(OVER AGG BASE)	0.00	0.00	0.00
		FILL	(EX RD REMOVAL)	0.00	0.00	0.00
415						41
410	405.14 18.00 LT. 405.34 12.00 LT.	707	0.00	12.00 RT. 405.17 18.18 RT.		41
405		-1.50%	-1.50%			40
400						40
395		6-	H00			39



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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
INO.	DATE	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	3	
PROJEC	CT NO: 2	1A008	31D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/2	3/2022	
DRAWN	BY: HLE	E 5/23	3/2022	
REVIEW	/ED BY:	BSS (	6/30/20	23

CROSS SECTIONS -STA. 6+00 - 7+30

8+00.00

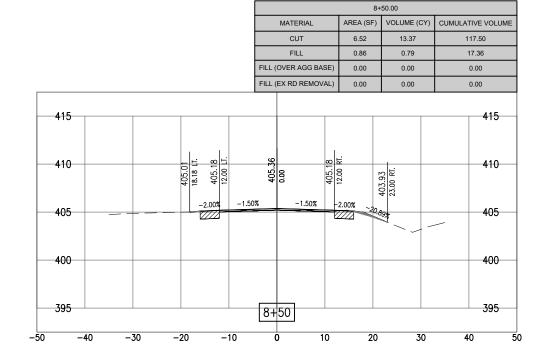
7+50.00

				CUT	0.00	6.41	123.91
				FILL		0.84	18.20
				(OVER AGG BASE)		0.00	0.00
			FILL	(EX RD REMOVAL)	0.00	0.00	0.00
415							415
410							410
405	· <u> </u>	 			+		
400			9+	-03			400

9+03.05

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

		MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUM
		CUT		7.48	5.97	89.87
		FILL		0.00	0.00	16.56
		FILL (OVER AGG	BASE)	0.00	0.00	0.00
		FILL (EX RD REM	OVAL)	0.00	0.00	0.00
415						415
410	405.20 18.94 LT. 405.24 12.00 LT.	405.42	405.24	12.00 KI. 405.23 19.16 RT.		410
405	-2.00% -1	50% -1.509		2.00%		405
400						400
395		7+50				395



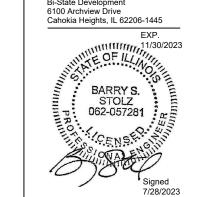
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Illinois Licensed Professional Service Corporation #184-001084



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



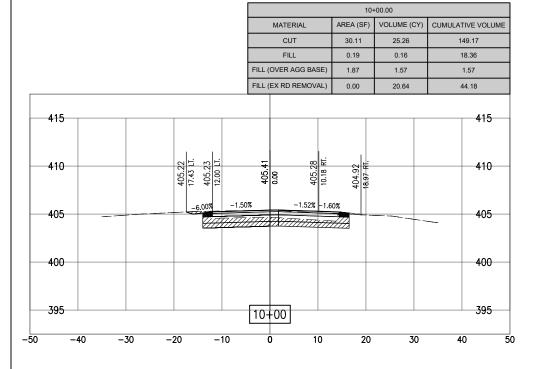
RECONSTRUCT ACCESS ROAD: **CURTISS STEINBERG** DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO	DATE	DESCRIPTION					
NO.	DAIL	DES	DWN	REV			
SSUE:	JULY 28	3, 2023	}				
PROJEC	CT NO: 2	1A008	1D				
CAD FIL	E: C-301-X	S.DWG					
DESIGN	BY: MJ	D 5/23	3/2022				
DRAWN	BY: HLE	5/23	/2022				
REVIEW	/ED BY:	BSS 6	3/30/20	23			
	PROJEC CAD FIL DESIGN DRAWN	ISSUE: JULY 28 PROJECT NO: 2 CAD FILE: C-301-X DESIGN BY: MJ DRAWN BY: HLE	NO. DATE DES  SSUE: JULY 28, 2023 PROJECT NO: 21A008 CAD FILE: C-301-XS.DWG DESIGN BY: MJD 5/23 DRAWN BY: HLE 5/23	NO. DATE DES DWN ISSUE: JULY 28, 2023 PROJECT NO: 21A0081D			

**CROSS SECTIONS -**STA. 7+50 - 9+03



		9+54.70						
		MATERIAL AREA (SF) VOLUME (			CUMULATIVE VOLUME			
		CUT	0.00 0.00		123.91			
		FILL	0.00	0.00	18.20			
	FILL (	OVER AGG BASE)	0.00	0.00	0.00			
	FILL (	EX RD REMOVAL)	24.61	23.54	23.54			
415					415			
410					410			
405					405			
400					400			
395	9+	55			395			

				+00.00	
		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
		CUT	16.69	55.07	271.73
		FILL	5.82	6.06	25.28
		FILL (OVER AGG BASE)	1.82	2.53	6.67
		FILL (EX RD REMOVAL)	4.98	6.09	51.75
415					415
410	404.75 17.44 LT. 405.23 12.00 LT.	0.00 0.00 405.23	12.00 RT. 405.06 16.42 RT.		410
405	-6.00% -1.50%		-6.00%		405
400					400
395		11+00			395

			10-	+50.00	
		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
		CUT	42.78	67.49	216.66
		FILL	0.73	0.85	19.21
		FILL (OVER AGG BASE)	0.91	2.57	4.14
		FILL (EX RD REMOVAL)	1.60	1.48	45.66
415					415
410	404.94 16.27 UT. 405.23 12.00 LT.	405.41 0.00 405.31 10.07 RT.		403.18 22.85 RT.	35.00 RT.
405	-6.00% -1.50%	% -0.95% -0	.71%		405
400					400
395		10+50			395



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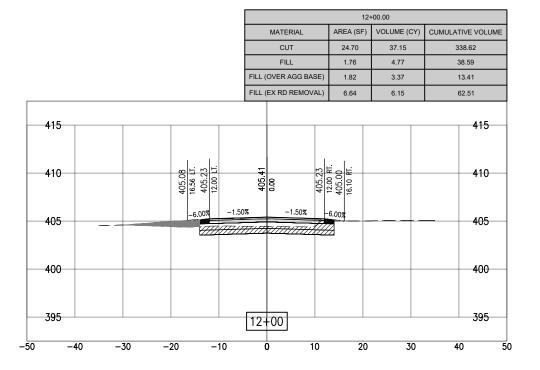
RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
110.	DAIL	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	3	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/2	3/2022	
DRAWN	BY: HLE	5/23	/2022	
REVIEW	/ED BY:	BSS 6	5/30/20	)23
SHEET	TITLE			

CROSS SECTIONS -STA. 9+55 - 11+00



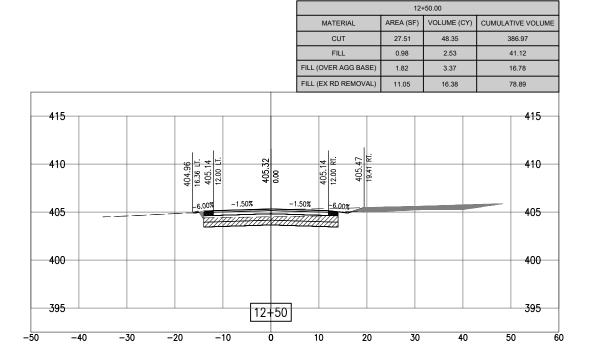
			ER AGG BASE)	1.82	3.37	20.15
		FILL (EX	RD REMOVAL)	0.98	10.47	89.35
415						415
410	404.78 16.02 LT. 405.02 12.00 LT.	405.20	405.02	405.32 19.21 RT.		410
405	 9,1	-1.50% -////////////////////////////////////		6.00%		405
400						400
395		13+0	0			395

MATERIAL

13+00.00

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

			11-	+50.00	
		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
	İ	CUT	15.42	29.74	301.47
		FILL	3.40	8.54	33.81
		FILL (OVER AGG BASE)	1.82	3.37	10.04
		FILL (EX RD REMOVAL)	0.00	4.61	56.37
415					415
410	19.17 LT. 405.23 12.00 LT.	405.41 0.00 405.23	12.00 KI. 404.92 16.38 KT.		410
405	-6.00% -1.50%	% -1.50%	6.00%		405
400					400
395		11+50			395



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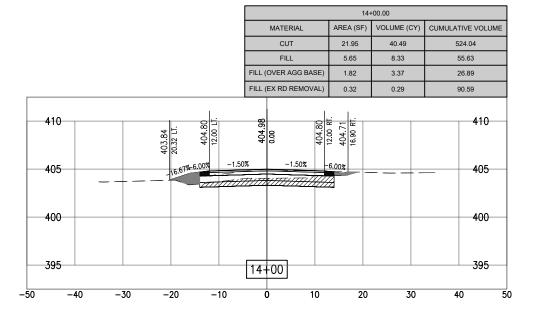
RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

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ISSUE:	JULY 28	3, 2023	}	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/23	3/2022	
DRAWN	BY: HLE	E 5/23	/2022	
REVIEW	/ED BY:	BSS 6	3/30/20	)23

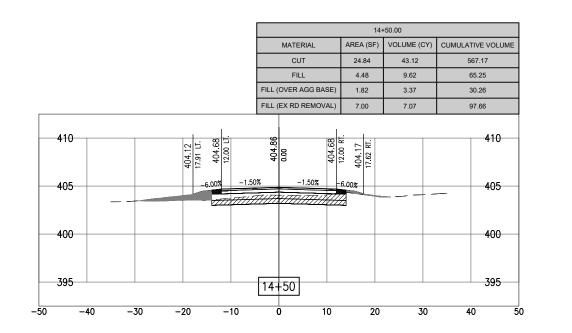
CROSS SECTIONS -STA. 11+00 - 13+00



13+50.00

		15-	+00.00	
	MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUM
	CUT	21.94	43.37	610.54
	FILL	4.89	8.60	73.85
	FILL (OVER AGG BASE)	1.82	3.37	33.63
	FILL (EX RD REMOVAL)	8.67	14.23	111.89
410 00.404 1.120 1.	9, 404, 404, 404, 404, 404, 404, 404, 40	12.00 KI. 403.98 18.16 RT.		410
395	0 10	20	30	395

					MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUM
					CUT		22.03	45.70	483.55
					FILL		3.05	4.12	47.30
				FILL (	OVER AGG B	ASE)	1.82	3.37	23.52
				FILL (	EX RD REMO	VAL)	0.00	0.95	90.30
415									415
410	404.10 19.41 LT.	404.91		405.09	0.00	404.91	12.00 KI. 404.75 16.47 KT.		410
405	4	7777	-1.50		-1.50%				405
400									400
395				13-	-50				395



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IDA No: CPS-4833

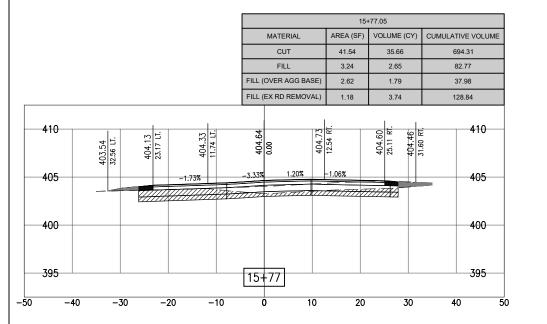
Contract No. SD062

NO.	DATE	DESCRIPTION						
140.	DAIL	DES	DWN	REV				
ISSUE:	JULY 28	3, 2023	3					
PROJEC	CT NO: 2	1A008	1D					
CAD FIL	E: C-301-X	S.DWG						
DESIGN	BY: MJ	D 5/2	3/2022					
DRAWN	BY: HIE	5/23	3/2022					

SHEET TITLE

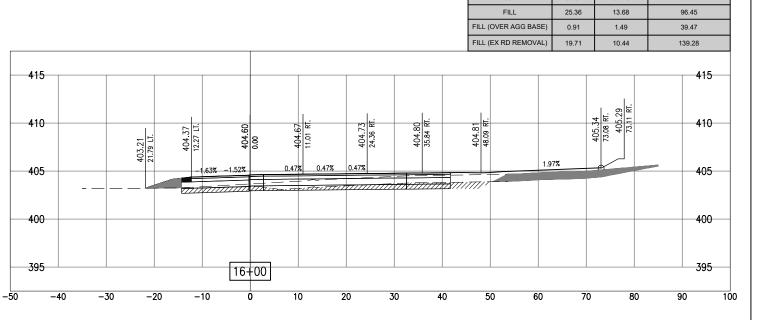
CROSS SECTIONS -STA. 13+50 - 15+00

REVIEWED BY: BSS 6/30/2023



			MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE VOI
			CUT		19.14	21.35	746.82
			FILL		5.48	14.17	110.62
			FILL (OVER AGG I	BASE)	2.37	1.39	40.86
			FILL (EX RD REM	OVAL)	1.89	10.51	149.79
410	الاراق الـــــــــــــــــــــــــــــــــــ	404.38 12.00 LT.	0.00	404.66	2.40 RT.	404.30 22.52 RT. 404.42	32.48 RT.
405	403.09	-1.50		0.70%		-0.66%	40
400							40
395			16+22				399

							1	5+50.00	
					MATERIAL		AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUME
					CUT		30.60	48.11	658.65
					FILL		1.93	6.27	80.12
				FILL (	OVER AGG B	ASE)	0.92	2.56	36.20
				FILL (	EX RD REMO	VAL)	5.81	13.21	125.10
	35.00 LT. 404.29 31.47 LT.	404.40 21.00 LF.	404.52 10.40 LT	404.68		404.54 10.54 RT.	404.51 17.62 RT.		410
405	-0.97% 		-1.06% -1.07 	/s 	-1.41%				405
400									400
395				15+	-50				395



16+22.39

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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

Contract No. SD062

NO.	DATE	DES	CRIPT	ION
INO.	DATE	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	3	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/2	3/2022	
DRAWN	BY: HLE	5/23	3/2022	
REVIEW	/ED BY:	BSS (	3/30/20	)23

CROSS SECTIONS -STA. 15+50 - 16+22

SHEET TITLE

16+00.00

MATERIAL

AREA (SF) VOLUME (CY) CUMULATIVE VOLUME

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PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/23	3/2022	
DRAWN	BY: HLE	E 5/23	/2022	

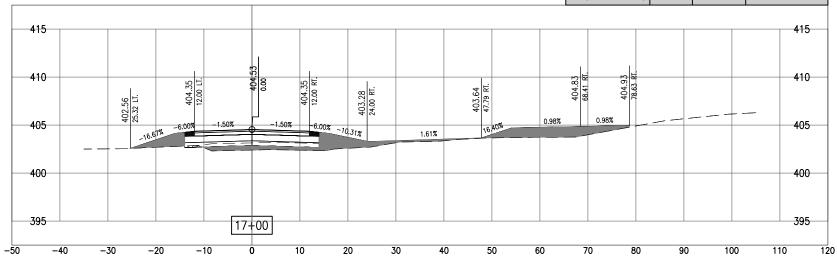
REVIEWED BY: BSS 6/30/2023

SHEET TITLE

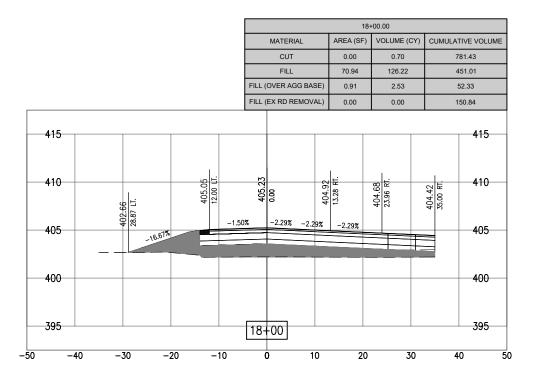
CROSS SECTIONS -STA. 16+50 - 17+00

17+00.00 MATERIAL AREA (SF) VOLUME (CY) CUMULATIVE VOLUME 0.55 14.78 CUT FILL 59.13 203.65 FILL (OVER AGG BASE) 1.82 3.38 46.43 FILL (EX RD REMOVAL) 0.00 0.00 150.84

16+50.00



										MATERIAL CUT FILL	14.55 21.15	17.84 13.83	764.65 124.45
				1						FILL (OVER AGG BASE) FILL (EX RD REMOVAL)	0.00	2.19	43.05 150.84
415													415
410	402.99 22.68 LT.	404.34 12.00 LT.	404.52	0.00	404.36 12.59 RT.	403.65 23.24 RT.		404.01 50 86 RT	404.07 57.64 RT.				410
405	22.6	61% -6.00%	-1.50%	-1.42% 		23 46	1.31%						405
400													400
395			16-	-50									395



										17	100.00	
									MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOLUI
									CUT	0.76	1.30	780.73
									FILL	65.38	121.14	324.79
									FILL (OVER AGG BASE)	1.82	3.37	49.80
									FILL (EX RD REMOVAL)	0.00	0.00	150.84
415												415
110	ااد	404.59 12.00 LT.	404.77	0.00	404.59 11.99 RT.	83 RT.		403.27 45.57 RT.	404.98 70 54 PT	405.05 71.77 RT.		410
105	402.17 29.05 LT		-1.50%	-1.50%		402.93 24.49 RT.	1.60	- 03%	0.96%	<i>_</i>		405
100												400
s95			17-	+50								395

17+50.00



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RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

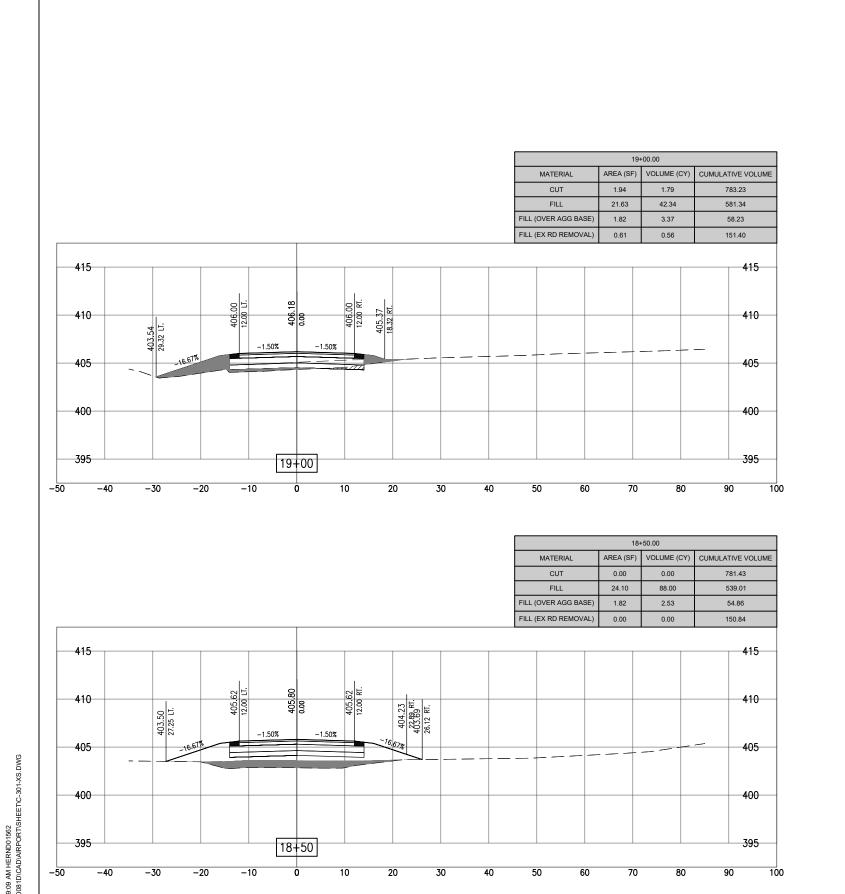
Contract No. SD062

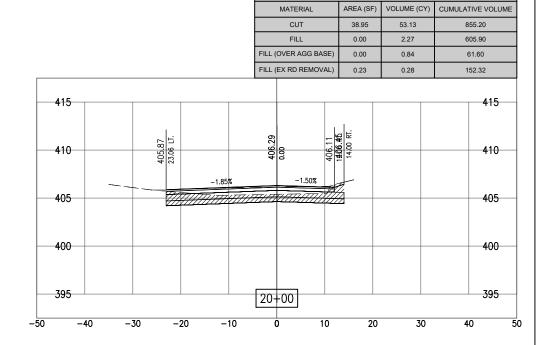
NO.	DATE	DES	CRIPT	ION
INO.	DAIL	DES	DWN	REV
ISSUE:	JULY 28	3, 2023	}	
PROJEC	CT NO: 2	1A008	1D	
CAD FIL	E: C-301-X	S.DWG		
DESIGN	BY: MJ	D 5/23	3/2022	
DRAWN	BY: HLE	5/23	/2022	

SHEET TITLE

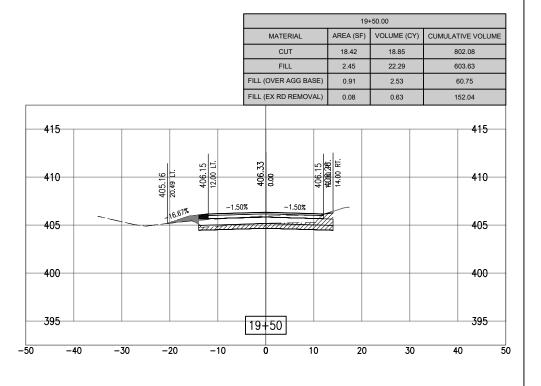
CROSS SECTIONS -STA. 17+50 - 18+00

REVIEWED BY: BSS 6/30/2023





20+00.00



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Bi-State Development 6100 Archview Drive



RECONSTRUCT ACCESS ROAD: CURTISS STEINBERG DRIVE, PHASE 2

IDA No: CPS-4833

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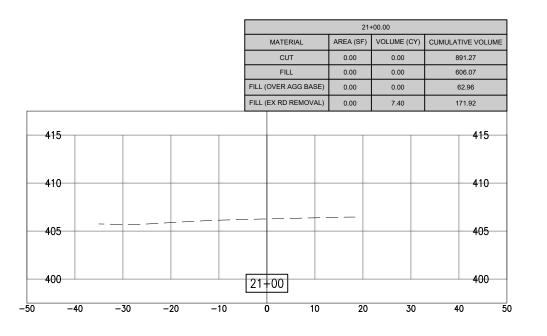


CROSS SECTIONS -STA. 18+50 - 20+00

**FOR BID** 

		MATERIAL	AREA (SF)	VOLUME (CY)	CUMULATIVE VOL
		CUT	0.00	36.07	891.27
		FILL	0.11	0.10	606.00
	FIL	L (OVER AGG BASE)	0.91	0.84	62.44
	FIL	L (EX RD REMOVAL)	0.00	0.21	152.53
415					415
405,79 12.00 LT		406.05 406.05			410
405	-1.50% 	-1.50%	.61%		405
400					400
395	20	0+50			395

20+50.00



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REVIEW	/ED BY:	BSS 6	3/30/20	23				

SHEET TITLE

CROSS SECTIONS -STA. 20+50 - 21+00