IDOT LETTING: JUNE 15, 2018

SD059 TOTAL SHEETS = 29

CONSTRUCTION PLANS - ISSUED APRIL 20, 2018

RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

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

IDA PROJECT NO.: CPS-4633

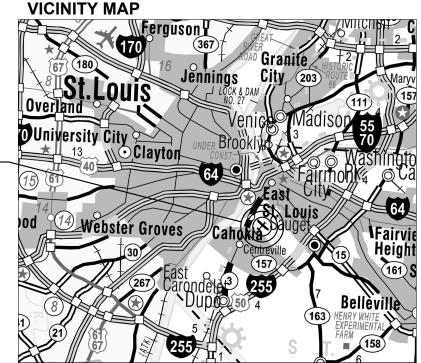
PROJECT LOCATION -

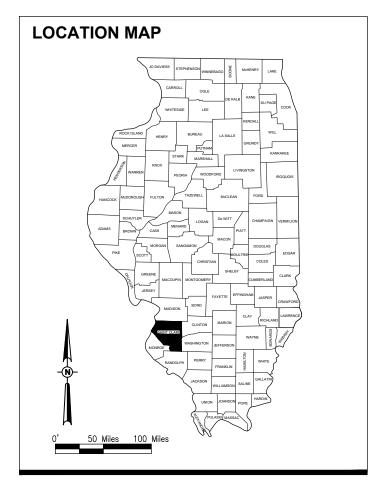
SCOPE OF WORK:

THIS PROJECT SHALL CONSIST OF THE RECONSTRUCTION/WIDENING OF A PORTION OF CURTISS STEINBERG DRIVE ON THE NORTH SIDE OF THE AIRPORT. THE PROJECT INCLUDES PAVEMENT 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.













ITEM NO.	DESCRIPTION	UNIT	TOTAL	AS-BUILT
ITEWINO.	DESCRIPTION	ONT	QUANTITY	QUANTITY
AR150510	ENGINEER'S FIELD OFFICE	L.S.	1	
AR150520	MOBILIZATION	L.S.	1	
AR150530	TRAFFIC MAINTENANCE	L.S.	1	
AR152410	UNCLASSIFIED EXCAVATION	C.Y.	2,771	
AR156510	SILT FENCE	L.F.	3,500	
AR156516	AGGREGATE DITCH CHECK	EACH	2	
AR156520	INLET PROTECTION	EACH	1	
AR156531	EROSION CONTROL BLANKET	S.Y.	3,958	
AR156540	RIPRAP	S.Y.	29	
AR208540	OVERSIZE AGGREGATE	TON	2,087	
AR209510	CRUSHED AGGREGATE BASE COURSE	TON	2,782	
AR209700	CRUSHED AGG. SHOULDER	S.Y.	1,217	
AR401613	BIT, SURF. CSEMETHOD I, SUPERPAVE	TON	620	
AR401655	BUTT JOINT CONSTRUCTION	S.Y.	32	
AR401900	REMOVE BITUMINOUS PAVEMENT	S.Y.	3,641	
AR403613	BIT. BASE CSEMETHOD I, SUPERPAVE	TON	1,255	
AR602510	BITUMINOUS PRIME COAT	GAL.	1,935	
AR603510	BITUMINOUS TACK COAT	GAL.	1,637	
AR620520	PAVEMENT MARKING-WATERBORNE	S.F.	1,514	
AR701518	18" RCP, CLASS IV	L.F.	8	
AR752418	PRECAST REINFORCED CONC. FES 18"	EACH	1	
AR752900	REMOVE END SECTION	EACH	1	
AR800574	PAVEMENT MARKING-SPEC., ARRRIGHT	EACH	4	
AR901510	SEEDING	ACRE	0.82	
AR901520	TEMPORARY SEEDING	ACRE	0.82	
AR904510	SODDING	S.Y.	641	

EARTHWORK QUANTITY SUMMARY								
WORK AREA	WORK AREA (CY) FILL FILL + NET (CY) (CY) (CY)							
ALL	2,771	938	1,126	1,645 (EXCESS)				
TOTAL	2,771**	938	1,126	1,645 (EXCESS)				

** USED TO CALCULATE AR152410 PAY ITEM QUANTITY

NOTE: EARTHWORK QUANTITIES (CUT/FILL VOLUMES) ABOVE WERE CALCULATED UTILIZING AUTODESK CIVIL3D 2017 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

THE AREA AND VOLUME QUANTITIES SHOWN AT THE END OF THE CROSS SECTION SHEETS WERE CALCULATED BY THE END AREA METHOD UTILIZING AUTODESK CIVIL3D 2017 SOFTWARE THROUGH AUTOCAD. DUE TO A SMALL DISCREPANCY BETWEEN THE CALCULATION METHODS, THE PAY ITEM QUANTITY REFLECTS THE MORE CONSERVATIVE OF THE CALCULATED VOLUMES, SHOWN ABOVE.

	INDEX TO SHEETS				
SHEET NUMBER	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	CONSTRUCTION SAFETY DETAILS AND NOTES				
8	TYPICAL SECTIONS				
9	PROPOSED DRAINAGE DETAILS				
10	PROPOSED DEMOLITION PLAN - STA. 32+35 TO STA. 45+50				
11	PROPOSED DEMOLITION PLAN - STA. 45+50 TO STA. 50+17				
12	PROPOSED CONSTRUCTION PLAN - STA. 32+35 TO STA. 45+50				
13	PROPOSED CONSTRUCTION PLAN - STA. 45+50 TO STA. 50+17				
14	PROPOSED PLAN AND PROFILE - STA. 34+00 TO STA. 43+00				
15	PROPOSED PLAN AND PROFILE - STA. 43+00 TO STA. 50+00				
16	PROPOSED MARKING PLAN - STA. 32+35 TO STA. 45+50				
17	PROPOSED MARKING PLAN - STA. 45+50 TO STA. 50+17				
18	PROPOSED STORMWATER POLLUTION PREVENTION PLAN				
19	PROPOSED STORMWATER POLLUTION PREVENTION DETAILS				
20	PROPOSED CROSS SECTIONS STA. 34+50 TO STA. 36+50				
21	PROPOSED CROSS SECTIONS STA. 37+00 TO STA. 38+50				
22	PROPOSED CROSS SECTIONS STA. 39+00 TO STA. 41+50				
23	PROPOSED CROSS SECTIONS STA. 42+00 TO STA. 43+67				
24	PROPOSED CROSS SECTIONS STA. 44+00 TO STA. 44+50				
25	PROPOSED CROSS SECTIONS STA. 44+82 TO STA. 45+50				
26	PROPOSED CROSS SECTIONS STA. 46+00 TO STA. 48+00				
27	PROPOSED CROSS SECTIONS STA. 48+23 TO STA. 49+00				
28	PROPOSED CROSS SECTIONS STA. 49+25 TO STA. 50+00				
29	PROPOSED CROSS SECTIONS - VOLUME TABLE				

GENERAL NOTES:

QUANTITIES
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.

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.

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

Illinois Licensed Professional Service Corporation #184-001084



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



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO. DATE		DES	CRIPT	ION
INO.	DAIL	DES	DWN	REV
ISSUE:	APRIL 2	0, 201	8	
PRO IFO	T NO: 1	74007	^	

CAD FILE: G-002-FLP.DWG

DESIGN BY: JRH 02/06/2018 DRAWN BY: JRH 02/06/2018

REVIEWED BY: BSS 04/20/18

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
- 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
- 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 REDLINED 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 HAUL ROUTE.
- 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
- 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.

THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE

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 UTILITIES.

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

ST CLAIR COLINTY

PROPOSED CONTRACTOR STAGING AREA

CP #3

(ACCESS FROM VECTOR DR.)

- INTERSECTION

(BY OTHERS)

CP #1

ADMINISTRATION

IMPROVEMENTS,

RECONSTRUCT AND

WIDEN CURTISS

STEINBERG DRIVE

CRITICAL POINT (CP) DATA						
DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.	
CRITICAL POINT 1	N038*34'51.27"	W090°09'35.47"	406.0'	25'	431.0'	
CRITICAL POINT 2	N038*34'40.01"	W090°09'23.12"	409.0'	25'	434.0'	
CRITICAL POINT 3	N038*34'54.40"	W090°09'43.49"	406.0'	25'	431.0'	
CRITICAL POINT 4	N038*34'47.04"	W090°09'30.46"	407.5	25'	432.5'	

SURVEY CONTROL DATA							
POINT NUMBER	NORTHING	EASTING	ELEV.	DESCRIPTION			
100	696,884.17	2,298,731.69	408.26	CHISELED "X" IN CONCRETE			
101	696,269.96	2,299,319.86	407.78	5/8" REBAR WITH CAP			
102	695,714.58	2,299,429.23	406.80	CHISELED "X" IN CONCRETE			
BM1	696,171.33	2,299,210.06	406.48	CHISELED SQUARE IN CONCRETE			

J.U.L.I.E.	INFORMATION

CITY	CAHOKIA
TOWNSHIP	CENTERVILLE
SECTION NO	T.1N. – R.10W.
ADDRESS	ST. LOUIS DOWNTOWN AIRPO
	6100 ARCHVIEW DRIVE
	CAHOKIA, IL 62206-1445

	HANSON Engineering Planning Alfed Serv
1	

Offices Nationwide www hanson-inc com

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

Illinois Licensed Professional Service Corporation #184-001084



HALF SIZE SCALE: 1"= 600'

FULL SIZE SCALE: 1"= 300

EXISTING PAVEMENT

PROPOSED PAVEMENT

EXISTING BUILDINGS

SURVEY CONTROL POINT

LEGEND

MAINTENANCE

BLDG

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



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DES	CRIPT	ION	
NO.	DATE	DES	DWN	REV	
ISSUE:	APRIL 2	0, 201	8		
PROJEC	CT NO: 1	7A007	0		
CAD FIL	.E: G-003-S	OW.DWG			
DESIGN	BY: JR	H 03/2	27/201	8	
DRAWN	BY: JRH	1 03/2	7/2018	3	

SCOPE OF WORK

SHEET TITLE

REVIEWED BY: BSS 04/20/18

UTILITY NOTE

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.
- 3. 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
- 5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS. BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA. AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

CRITICAL POINT (CP) DATA						
DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.	
CRITICAL POINT 1	N038*34'51.27"	W090°09'35.47"	406.0'	25'	431.0'	
CRITICAL POINT 2	N038*34'40.01"	W090°09'23.12"	409.0'	25'	434.0'	
CRITICAL POINT 3	N038*34'54.40"	W090°09'43.49"	406.0'	25'	431.0'	
CRITICAL POINT 4	N038*34'47.04"	W090°09'30.46"	407.5	25'	432.5'	
CRITICAL POINT 5	N038*34'51.33"	W090°09'36.05"	407.0'	21'	428.0'	
CRITICAL POINT 6	N038*34'42.81"	W090°09'25.73"	407.0'	21'	428.0'	
CRITICAL POINT 7	N038*34'49.22"	W090°09'33.32"	407.0'	21'	428.0"	

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 ITEM AR150530 - TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 4. THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE POSITIVE SEPARATION BETWEEN THE ACTIVE DRIVING LANE AND THE WORK ZONE FOR PROTECTION OF WORKERS AND THE TRAVELING PUBLIC. THE MINIMUM REQUIREMENT IS PLASTIC, FLEXIBLE VERTICAL PANELS OR DELINEATORS. ADDITIONAL MEASURES MAY BE REQUIRED DUE TO THE CONTRACTOR'S OPERATIONS. CONTRACTOR MAY USE DRUMS BUT NOT IN COMBINATION WITH OTHER METHODS SUCH AS VERTICAL PANELS OR DELINEATORS. SAID MEASURES SHALL BE INCIDENTAL TO ITEM AR150530 -TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 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.
- 7. 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

SAFETY PLAN COMPLIANCE DOCUMENT

(TYP.)

 \bigcirc

PLACE AND MAINTAIN -

"DETOUR RIGHT"

CONSTRUCTION SIGNAGE

PLACE AND MAINTAIN :

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP). THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.



FULL SIZE SCALE: 1"= 100

LEGEND

PROPOSED PAVEMENT LIMIT

PROPOSED CONTRACTOR STAGING AREA

PROPOSED BARRICADES/DRUMS

TEMP. CONSTRUCTION SIGN

IDA No: CPS-4633

DRIVE)

RECONSTRUCT

ACCESS ROAD

(CURTISS STEINBERG

www.hanson-inc.com

1525 S. 6th Street

fax: 217-788-2503

Illinois Licensed

Springfield, IL 62703 phone: 217-788-2450

Hanson Professional Services Inc.

Professional Service Corporation #184-001084

ST. LOUIS

DOWNTOWN AIRPORT

Bi-State Development Agen

EXP 11-30-19

MATE OF ILL

BARRY S.

STOLZ

062-057281

SOENE S

Cahokia, IL 62206-1445

6100 Archview Drive

Contract No. SD059

DESCRIPTION NO. DATE DES DWN REV ISSUE: APRIL 20, 2018

PROJECT NO: 17A0070 CAD FILE: G-004-SFY.DWG

DESIGN BY: JRH 03/27/2018 DRAWN BY: JRH 03/27/2018 REVIEWED BY: BSS 04/20/18

SHEET TITLE

MAINTENANCE OF TRAFFIC PLAN -



HALF SIZE SCALE: 1"= 200'

EXISTING PAVEMENT

PROPOSED WORK AREA

EXISTING BUILDINGS

—X—— EXISTING FENCE

PROPOSED PUBLIC TRAFFIC ROUTE

PLACE AND MAINTAIN TYPE 3 PLACE AND MAINTAIN TYPE 3 BARRICADE (8' WIDE) WITH BARRICADE (8' WIDE) WITH CONSTRUCTION SIGNAGE CONSTRUCTION SIGNAGE "ROAD CLOSED" AND "ROAD CLOSED" AND "DETOUR RIGHT" "DETOUR LEFT" CP #5 PROPOSED CONTRACTOR CP #6 $\langle C \rangle \langle D \rangle$ CP #1 CP #7 STAGING AREA CURTISS STEINBERG DR. (ACCESS FROM VECTOR DR.) $\langle B \rangle$ - CP #2 $\langle A \rangle$ PLACE AND MAINTAIN BARRICADES/DRUMS

PLACE AND MAINTAIN

PLACE 4" WIDE TEMPORARY

MARKING TAPE TO ESTABLISH

DOUBLE CENTERLINE, YELLOW

COVER TWO "DO NOT ENTER"

SIGNS AND ONE "ONE WAY"

SIGN DURING PHASE 1

(540 LF TOTAL)

"DETOUR LEFT

CONSTRUCTION

PLACE AND MAINTAIN

CONSTRUCTION SIGNAGE

CONSTRUCTION SIGNAGE "NEW

TRAFFIC PATTERN AHEAD" WITH

SUPPLEMENTAL "TWO-WAY

TRAFFIC DIVIDER" PLAQUE

CONSTRUCTION SIGNAGE "ROAD WORK AHEAD - CP #3 OMEGA DRIVE

PLACE AND MAINTAIN -

PHASE 1

 \dashv

PHASE 1

PHASE 2 NOTES

PROPOSED CONTRACTOR

(ACCESS FROM VECTOR DR.)

STAGING AREA

- 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.
- 3. 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
- 5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS. BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
- THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA. AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
- THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

PLACE AND MAINTAIN

CONSTRUCTION SIGNAGE

WITH ADVISORY SPEED

PLACE AND MAINTAIN

"ROAD WORK AHEAD

CONSTRUCTION SIGNAGE

PLAQUE (15MPH)

"ONE LANE ROAD AHEAD"

CURTISS STEINBERG DR.

CRITICAL POINT (CP) DATA						
DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.	
CRITICAL POINT 1	N038*34'51.27"	W090'09'35.47"	406.0'	25'	431.0'	
CRITICAL POINT 2	N038*34'40.01"	W090°09'23.12"	409.0'	25'	434.0'	
CRITICAL POINT 3	N038*34'54.40"	W090°09'43.49"	406.0'	25'	431.0'	
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CRITICAL POINT 6	N038'34'42.81"	W090°09'25.73"	407.0'	21'	428.0'	
CRITICAL POINT 7	N038'34'49.22"	W090°09'33.32"	407.0'	21'	428.0"	

F

WORK ZONE TRAFFIC CONTROL - GENERAL NOTES:

PLACE 24" WIDE TEMPORARY

MARKING TAPE TO ESTABLISH

- PLACE AND MAINTAIN TEMPORARY TRAFFIC

 \dashv

SIGNALS (EACH SIDE OF PAVEMENT)

FOR ONE-LANE, TWO-WAY TRAFFIC

CP #1 CP #7

STOP BAR, WHITE (12 LF)

PLACE AND MAINTAIN

CONSTRUCTION SIGNAGE

CONSTRUCTION SIGNAGE

"STOP HERE ON RED"

PLACE AND MAINTAIN

"SIGNAL AHEAD

d CP #5

OMEGA DRIVE

- 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 ITEM AR150530 - TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 4. THE CONTRACTOR SHALL PROVIDE ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE POSITIVE SEPARATION BETWEEN THE ACTIVE DRIVING LANE AND THE WORK ZONE FOR PROTECTION OF WORKERS AND THE TRAVELING PUBLIC. THE MINIMUM REQUIREMENT IS PLASTIC, FLEXIBLE VERTICAL PANELS OR DELINEATORS. ADDITIONAL MEASURES MAY BE REQUIRED DUE TO THE CONTRACTOR'S OPERATIONS. CONTRACTOR MAY USE DRUMS BUT NOT IN COMBINATION WITH OTHER METHODS SUCH AS VERTICAL PANELS OR DELINEATORS. SAID MEASURES SHALL BE INCIDENTAL TO ITEM AR150530 -TRAFFIC MAINTENANCE, AND NO FURTHER CONSIDERATION WILL BE ALLOWED.
- 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.
- 7. 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

CP #4

PLACE AND MAINTAIN

LANE WIDTH = 12'

CONTRACTOR SHALL

MAINTAIN NATURAL

CONSTRUCTION TO

ALLOW FOR COMPLETE

REALIGNMENT OF THE

DITCH. INCIDENTAL TO

OTHER WORK ITEMS.

WATER FLOW

THROUGHOUT

PLACE AND MAINTAIN TEMPORARY TRAFFIC

PLACE AND MAINTAIN BARRICADES/DRUMS

SIGNALS (EACH SIDE OF PAVEMENT)

FOR ONE-LANE, TWO-WAY TRAFFIC

BARRICADES/DRUMS (TYP.)

MINIMUM CLEAR TRAVEL

SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP). A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.



PROPOSED PAVEMENT LIMIT

FXISTING PAVEMENT

EXISTING BUILDINGS

STAGING AREA

PROPOSED PUBLIC

PROPOSED BARRICADES/DRUMS

TEMPORARY TRAFFIC SIGNAL

DESCRIPTION NO. DATE DES DWN REV ISSUE: APRIL 20, 2018

DRAWN BY: JRH 03/27/2018 REVIEWED BY: BSS 04/20/18

SHEET TITLE

TRAFFIC PLAN -PHASE 2

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING

PLACE AND MAINTAIN

CONSTRUCTION SIGNAGE

"STOP HERE ON RED"

PLACE AND MAINTAIN

'SIGNAL AHEAD"

PLACE 24" WIDE

MARKING TAPE TO

BAR, WHITE (12 LF)

ESTABLISH STOP

CONSTRUCTION SIGNAGE







PROPOSED WORK AREA

PROPOSED CONTRACTOR

—X—— EXISTING FENCE TRAFFIC ROUTE

- CP #2

PLACE AND MAINTAIN

CONSTRUCTION SIGNAGE

WITH ADVISORY SPEED

PLAQUE (15MPH)

"ONE LANE ROAD AHEAD"

TEMP. CONSTRUCTION SIGN

DRIVE) IDA No: CPS-4633

Contract No. SD059

RECONSTRUCT

ACCESS ROAD

(CURTISS STEINBERG

www.hanson-inc.com

1525 S. 6th Street

fax: 217-788-2503

Illinois Licensed

Springfield, IL 62703 phone: 217-788-2450

Hanson Professional Services Inc.

Professional Service Corporation #184-001084

ST. LOUIS

DOWNTOWN AIRPORT

Bi-State Development Ager

EXP 11-30-19

MATE OF ILL

BARRY S.

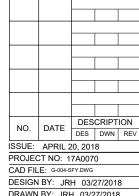
STOLZ

062-057281

KUENER

Cahokia, IL 62206-1445

6100 Archview Drive



MAINTENANCE OF

PHASE 2

PHASE 3 NOTES

- THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY.
- 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
- 5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
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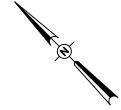
DESCRIPTION LATITUDE LONGITUDE ELEV. HEIGHT ELEV. CRITICAL POINT 1 N038'34'51.27" W090'09'35.47" 406.0' 25' 431.0 CRITICAL POINT 2 N038'34'40.01" W090'09'23.12" 409.0' 25' 434.0 CRITICAL POINT 3 N038'34'54.40" W090'09'43.49" 406.0' 25' 431.0 CRITICAL POINT 4 N038'34'47.04" W090'09'30.46" 407.5' 25' 432.5			DATA				
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WORK ZONE TRAFFIC CONTROL - GENERAL NOTES:

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SAFETY PLAN COMPLIANCE DOCUMENT

PRIOR TO THE ISSUANCE OF A CONSTRUCTION NOTICE-TO-PROCEED (NTP). A SAFETY PLAN COMPLIANCE DOCUMENT IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G, PARAGRAPH 2.4.2, OR EQUIVALENT APPROVE THIS DOCUMENT AND SUBMIT TO THE DIVISION OF AERONAUTICS FOR APPROVAL PRIOR TO THE NTP ISSUANCE.





LEGEND

PROPOSED PAVEMENT LIMIT

EXISTING BUILDINGS

STAGING AREA

PROPOSED PUBLIC TRAFFIC ROUTE

PROPOSED BARRICADES/DRUMS

TEMPORARY TRAFFIC SIGNAL

IDA No: CPS-4633

www hanson-inc con

1525 S. 6th Street

fax: 217-788-2503

Illinois Licensed

Springfield, IL 62703 phone: 217-788-2450

Hanson Professional Services Inc.

Professional Service Corporation #184-001084

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DOWNTOWN AIRPORT

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EXP 11-30-19

MATE OF ILL

BARRY S.

STOLZ

062-057281

KOENER

Cahokia, IL 62206-1445

6100 Archview Drive

RECONSTRUCT

ACCESS ROAD

(CURTISS STEINBERG

DESCRIPTION NO. DATE ISSUE: APRIL 20, 2018

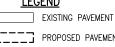
DRAWN BY: JRH 03/27/2018

TRAFFIC PLAN -PHASE 3

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING SECTION IN SUBSEQUENT/CURRENT ISSUE. THE AIRPORT DIRECTOR SHALL



FULL SIZE SCALE: 1"= 100



PROPOSED WORK AREA

PROPOSED CONTRACTOR

—X—— EXISTING FENCE

TEMP. CONSTRUCTION SIGN

DRIVE)

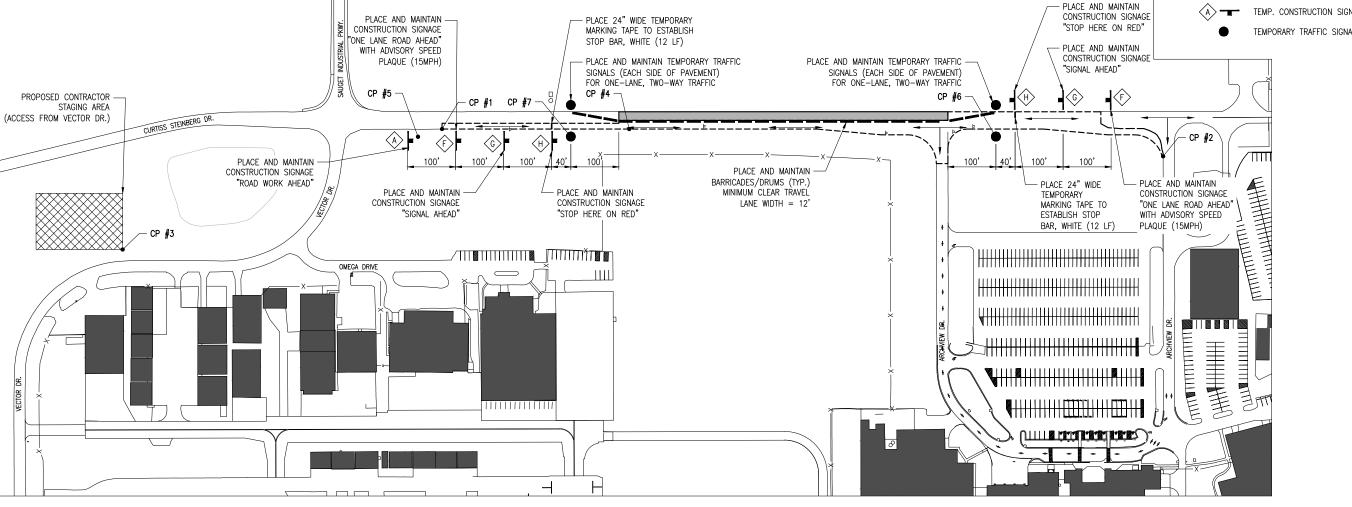
Contract No. SD059

DES DWN REV PROJECT NO: 17A0070 CAD FILE: G-004-SFY.DWG DESIGN BY: JRH 03/27/2018

REVIEWED BY: BSS 04/20/18

SHEET TITLE

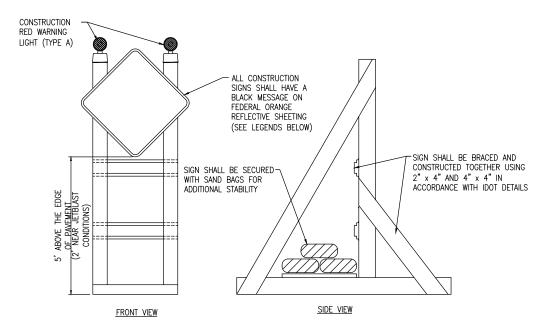
MAINTENANCE OF



PHASE 3

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 SIGNS.
- 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 OBSCURE VISION.
- 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











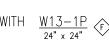


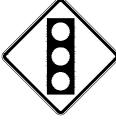












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CONSTRUCTION SIGN LEGENDS

NOT TO SCALE

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.
- 4. 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 CONFERENCE.
- 6. 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.
- 7. 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.
- B. 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.
- 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.
- 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.

HANSON Engineering | Planning | Allied Service

Offices Nationwide www.hanson-inc.com

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

Illinois Licensed Professional Service Corporation #184-001084



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



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO. DATE DESCRIPTION
DES DWN REV
ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070

PROJECT NO: 17A0070 CAD FILE: C-501-SFY.DWG DESIGN BY: JRH 03/27/2018

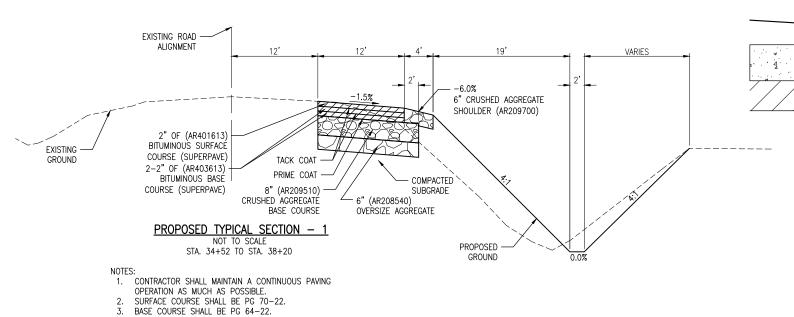
DRAWN BY: JRH 03/27/2018 REVIEWED BY: BSS 04/20/18

SHEET TITLE

CONSTRUCTION SAFETY DETAILS AND NOTES STA. 38+20 TO STA. 44+94
*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

NOTE

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



10' (OR SEE PLANS) -EXISTING BITUMINOUS -PROPOSED BITUMINOUS PAVEMENT OVERLAY (AR401613) <u>NOTE</u> EXISTING BITUMINOUS PAVEMENT PRIOR TO THE PLACEMENT OF THE . 4 A A 44 . 4 . . PROPOSED PAVEMENT, THE VERTICAL FACE OF THE EXISTING PAVEMENT WILL BE PAINTED WITH A LIQUID ASPHALT. LONGITUDINAL SECTION ALONG PAVEMENT MILL EXISTING PAVEMENT TO REQUIRED DEPTH AND REPLACE TO THE LEXISTING SUBBASE MATERIAL PROPOSED GRADE.

STA. 44+94 TO STA. 48+24

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

1. 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 BUTT JOINT DETAIL

NOT TO SCALE

AR401655 BUTT JOINT CONSTRUCTION NOTES

- THE PROPOSED BUTT JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ITEM AR401655
 "BUTT JOINT CONSTRUCTION" AS STATED IN THE STANDARD SPECIFICATIONS, ADOPTED APRIL 1,
 2012.
- 2. 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 PLANS.
- 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.
- THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM: AR401655 "BUTT JOINT CONSTRUCTION", PER S.Y.



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO DATE DESCRIPTION												
NO. DATE DES DWN REV												
ISSUE: APRIL 20, 2018												
PROJECT NO: 17A0070												
CAD FILE: C-302-TYP.DWG												
DESIGN BY: JRH 03/27/2018												
DRAWN	BY: JRI	1 03/2	7/2018	DRAWN BY: JRH 03/27/2018								

TYPICAL SECTIONS

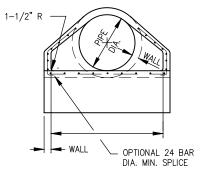
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REVIEWED BY: BSS 04/20/18

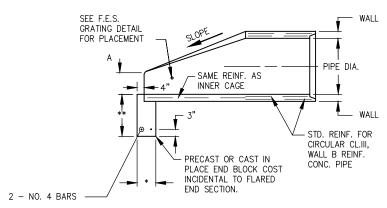
- UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND
- WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
- AT CONTRACTOR'S OPTION IDOT CONTROLLED LOW STRENGTH MATERIAL WITH A HIGH EARLY STRENGTH, "FLASH FILL", MAY BE USED INSTEAD OF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

PIPE TRENCH DETAIL NOT TO SCALE

- END CONNECTION TO FIT PIPE USED — WALL STORM SEWER PAY LENGTH TOP VIEW



END VIEW



* 8" - 36" DIA. PIPE OR LESS 10" - GREATER THAN 36" DIA. PIPE

** 18" - 36" DIA. PIPE OR LESS 24" - GREATER THAN 36" DIA. PIPE

SECTION A-A

PIPE DIA.	WALL	А	В	С	D	E	R	SLOPE
18"	2.5"	9"	27"	46"	73"	36"	*	1: 2.4

* RADIUS AS FURNISHED BY MANUFACTURER

PRECAST CONCRETE FLARED END SECTION

(IDOT STANDARD 542301-MODIFIED)

NOT TO SCALE

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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

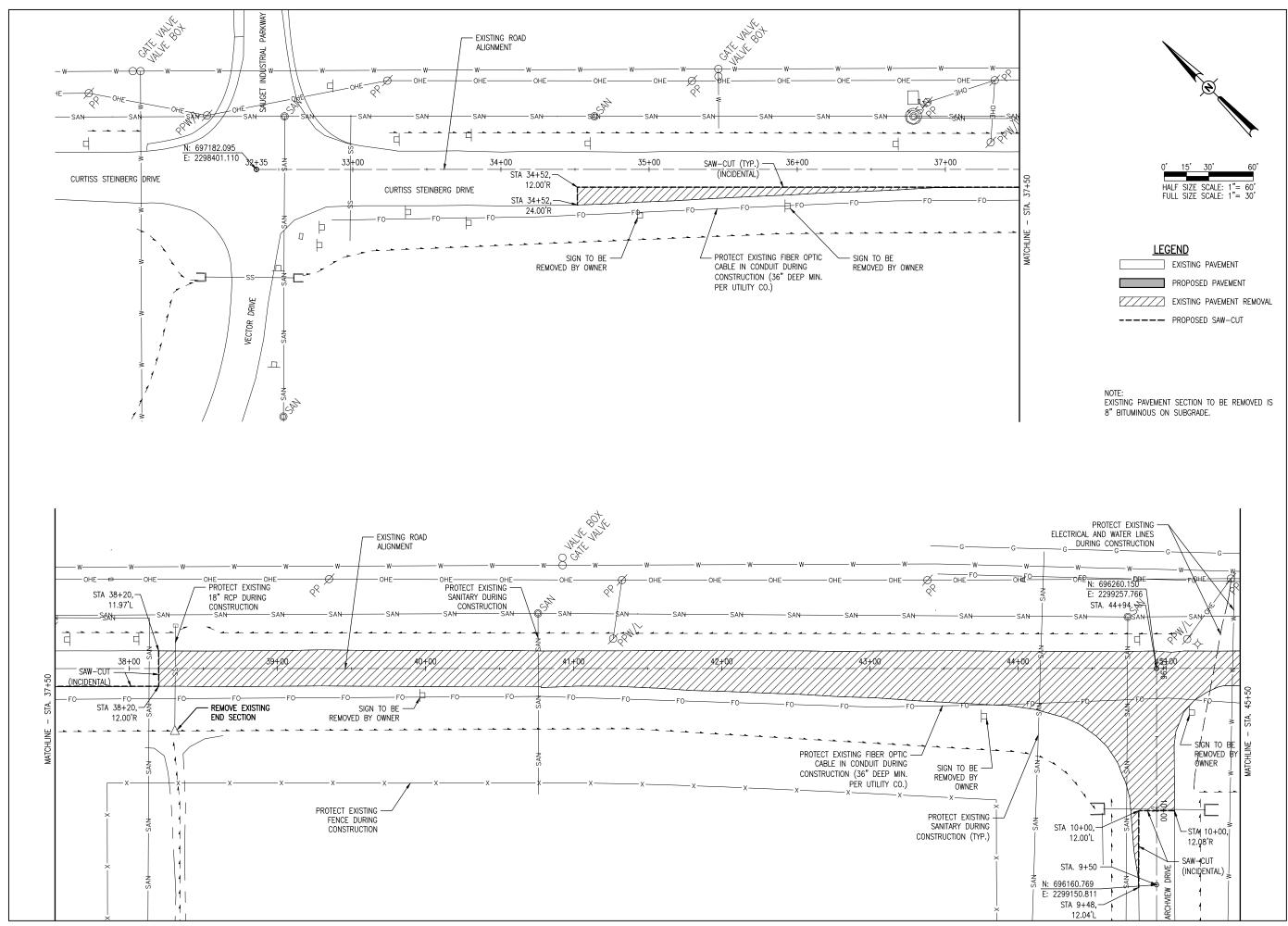
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	ISSUE: APRIL 20, 2018									
	PROJEC	CT NO: 1	7A007	0						

CAD FILE: C-501-DRN.DWG

DESIGN BY: JRH 03/27/2018 DRAWN BY: JRH 03/27/2018 REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED DRAINAGE DETAILS



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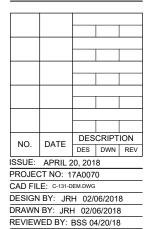
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059



SHEET TITLE

PROPOSED
DEMOLITION PLAN STA. 32+35 TO STA.
45+50



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

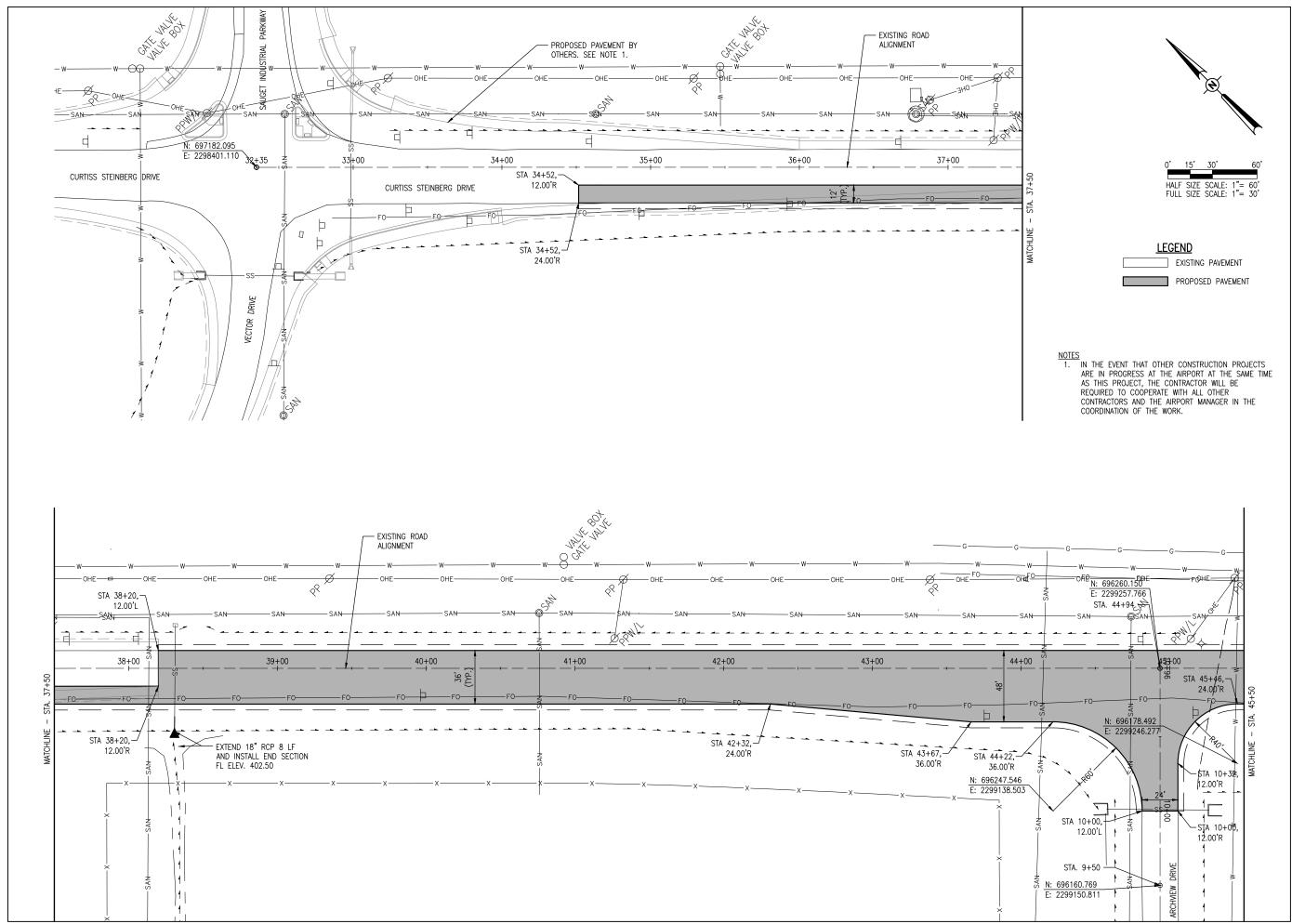
NO. DATE DESCRIPTION
DES DWN REV

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070

CAD FILE: C-131-DEM.DWG

DESIGN BY: JRH 02/06/2018
DRAWN BY: JRH 02/06/2018
REVIEWED BY: BSS 04/20/18

PROPOSED DEMOLITION PLAN -STA. 45+50 TO STA. 50+17





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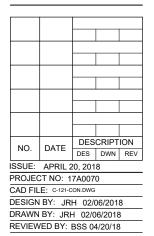
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059



PROPOSED CONSTRUCTION PLAN - STA. 32+35 TO

SHEET TITLE

STA. 45+50

12



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO. DATE DESCRIPTION
DES DWN REV

ISSUE: APRIL 20, 2018

PROJECT NO: 17A0070

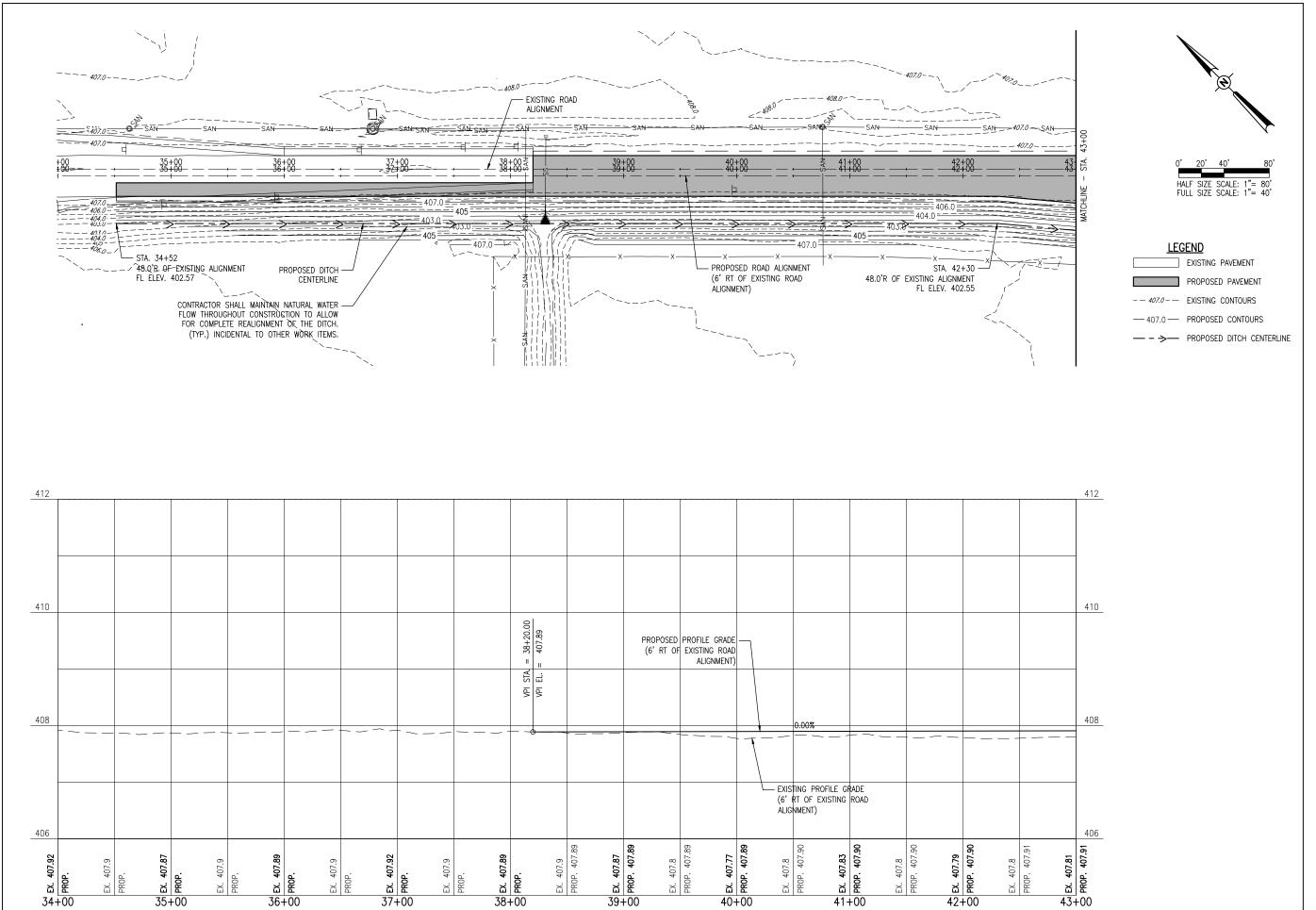
CAD FILE: C-121-CONDWG

DESIGN BY: JRH 02/06/2018

DRAWN BY: JRH 02/06/2018

PROPOSED CONSTRUCTION PLAN - STA. 45+50 TO STA. 50+17

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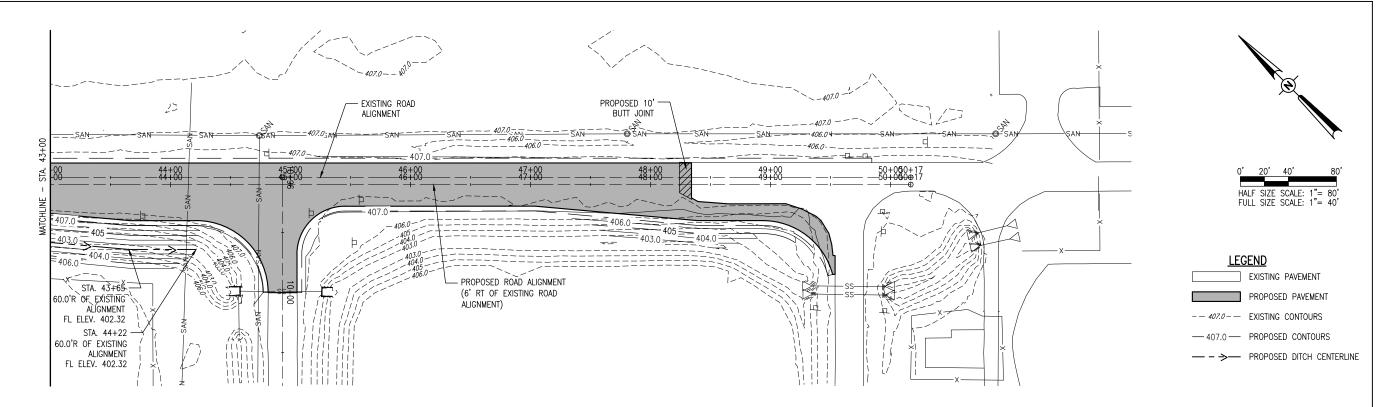
RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

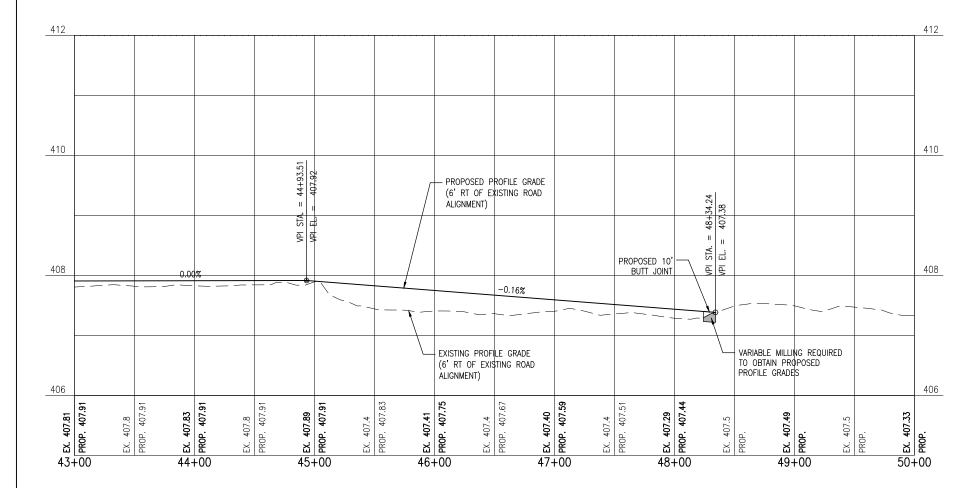
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DES	CRIPT	ION				
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ISSUE:	APRIL 2	0, 201	8					
PROJECT NO: 17A0070								
CAD FILE: C-701-PNP.DWG								
DESIGN BY: JRH 02/06/2018								
DRAWN	DRAWN BY: JRH 02/06/2018							
REVIEW	ED BY:	BSS 04	1/20/18	3				

PROPOSED PLAN AND PROFILE - STA. 34+00 TO STA. 43+00







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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

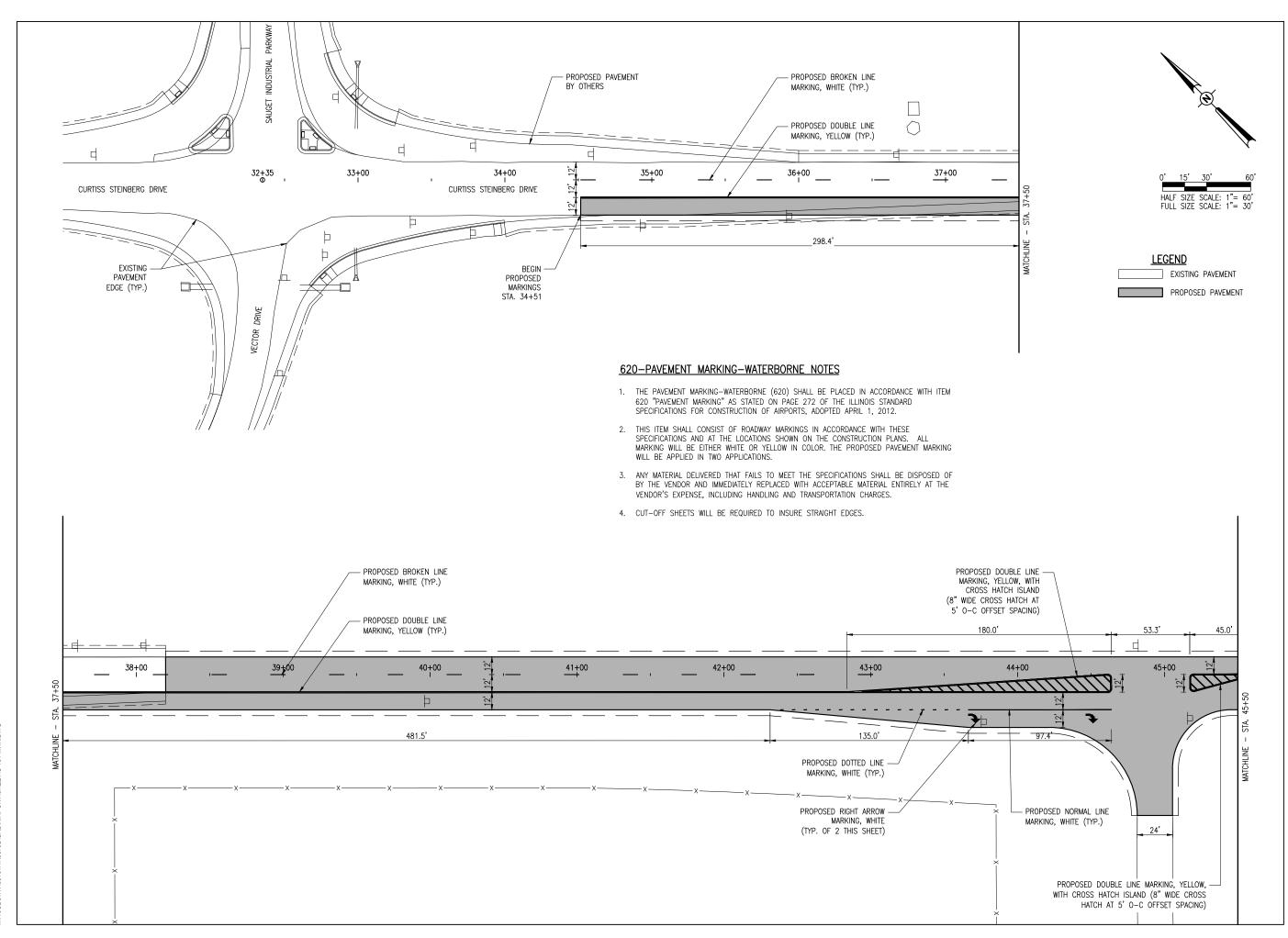
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Contract No. SD059

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NO. DATE DES DWN REV												
ISSUE: APRIL 20, 2018												
PROJECT NO: 17A0070												
CAD FILE: C-701-PNP.DWG												
DESIGN BY: JRH 02/06/2018												
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PROPOSED PLAN AND PROFILE - STA. 43+00 TO STA. 50+00

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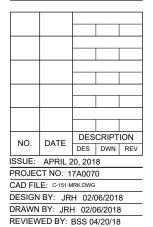
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

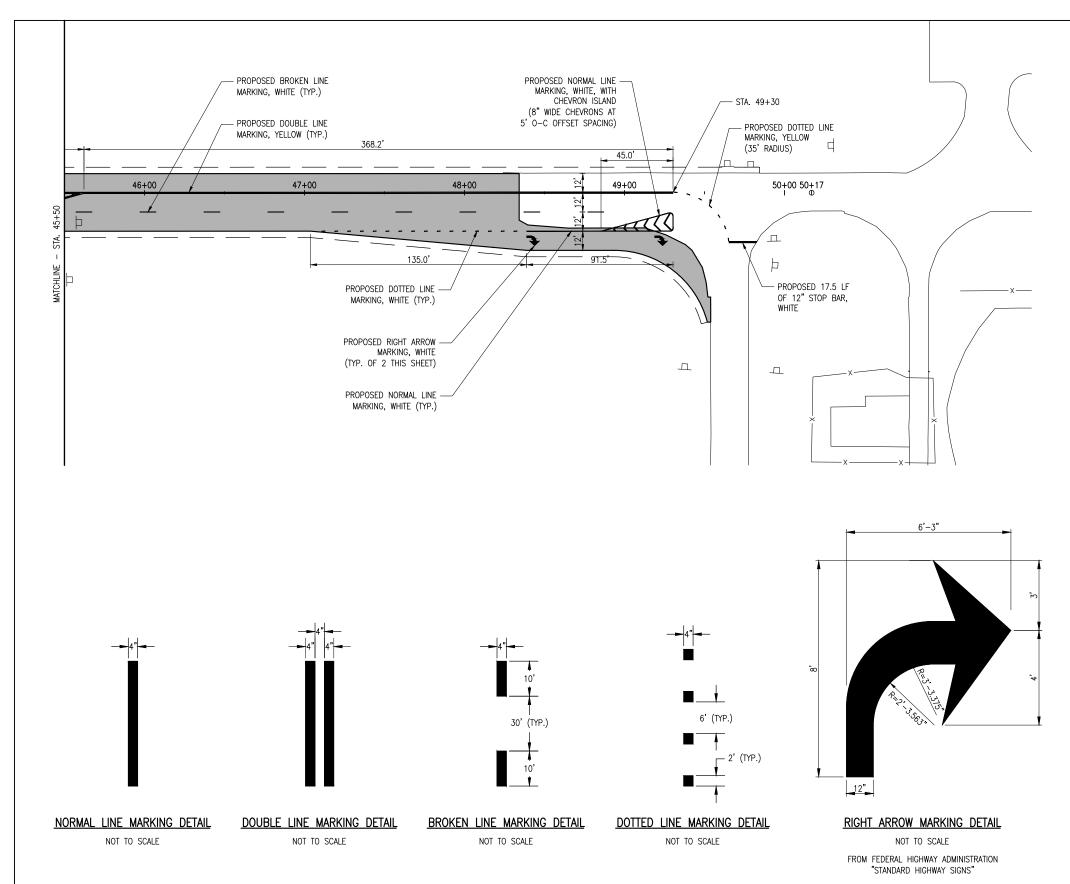
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Contract No. SD059

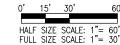


SHEET TITLE

PROPOSED MARKING PLAN - STA. 32+35 TO STA. 45+50







LEGEND

EXISTING PAVEMENT PROPOSED PAVEMENT



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

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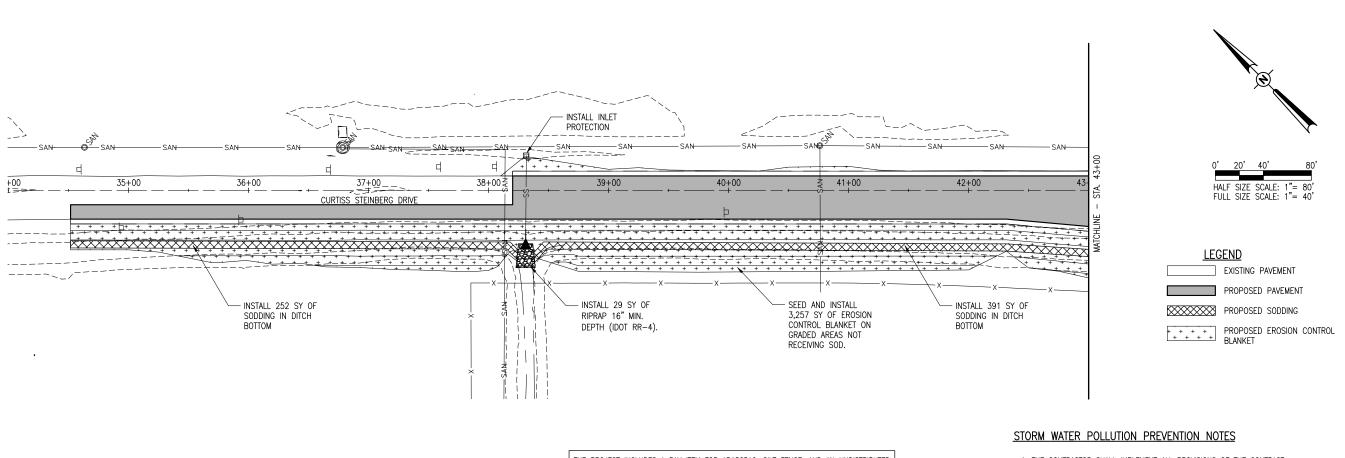
Contract No. SD059

DESCRIPTION NO. DATE DES DWN REV ISSUE: APRIL 20, 2018 PROJECT NO: 17A0070 CAD FILE: C-151-MRK.DWG

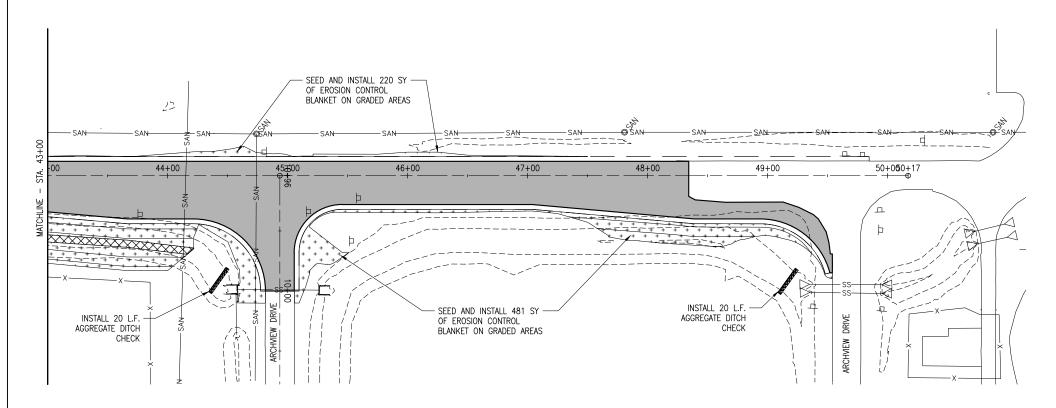
DESIGN BY: JRH 02/06/2018 DRAWN BY: JRH 02/06/2018 REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED MARKING PLAN - STA. 45+50 TO STA. 50+17



THE PROJECT INCLUDES A PAY ITEM FOR AR156510, SILT FENCE, AND AN UNDISTRIBUTED QUANTITY FOR BIDDING PURPOSES. THE PROPOSED LAYOUT OF THE SILT FENCE IS NOT SHOWN ON THIS PLAN SHEET, BUT WILL BE COORDINATED WITH THE RESIDENT ENGINEER/TECHNICIAN PRIOR TO CONSTRUCTION BEGINS. THE INTENT IS TO UTILIZE THE BID QUANTITY OF SILT FENCE, HOWEVER THE RESIDENT ENGINEER/TECHNICIAN AND/OR THE OWNER RESERVES THE RIGHT TO ADJUST THE QUANTITY TO BE INSTALLED BASED ON OBSERVED SITE CONDITIONS OR OTHER CIRCUMSTANCES.



- 1. THE CONTRACTOR SHALL IMPLEMENT ALL PROVISIONS OF THE CONTRACT DOCUMENTS TO ASSURE THAT STORM WATER POLLUTION PREVENTION ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY MANNER. SEDIMENTATION MUST NOT BE TRANSPORTED OFF THE CONSTRUCTION SITE. PERMANENT DRAINAGE FEATURES AND VEGETATIVE MEASURES SHALL BE PROVIDED AS SOON AS POSSIBLE.
- 2. THE CONTRACTOR SHALL BE REQUIRED TO IMPLEMENT AND MAINTAIN STORM WATER POLLUTION PREVENTION PRACTICES AND MEASURES PRIOR TO THE STRIPPING OF EXISTING VEGETATION WHERE EVER POSSIBLE AND AS SOON AS CONSTRUCTION PERMITS IN OTHER AREAS. POLLUTION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING THESE CONSTRUCTION PLANS, AND WITH STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, CURRENT ISSUE. THE CONTRACTOR SHALL ADJUST HIS OPERATIONS AND IMPLEMENT POLLUTION CONTROL MEASURES SO THAT NO RUNOFF FROM STRIPPED AREAS WILL LEAVE THE CONSTRUCTION SITE OTHER THAN THROUGH SEDIMENT TRAPS OR OTHER SUITABLE CONSTRUCTION MEASURES
- 3. POLLUTION CONTROL ITEMS SHALL BE PROVIDED AS NOTED ON THE STORM WATER POLLUTION PREVENTION PLAN AND IN THE STORM WATER POLLUTION PREVENTION DETAILS AND AS DIRECTED BY THE ENGINEER. THE LIMITS OF SUCH MEASURES SHALL BE STAKED BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. SUCH LIMITS MAY BE ADJUSTED BY THE ENCINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID
- 4. THE CONTRACTOR IS TO MAINTAIN AND ADJUST, REPAIR OR REPLACE ALL POLLUTION PREVENTION MEASURES AS REQUIRED OR AS DIRECTED BY THE ENGINEER UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. MAINTENANCE OF POLLUTION CONTROL MEASURES IS TO BE PROVIDED AT NO ADDITIONAL COST TO THE CONTRACT.
- 5. AS THIS PROJECT WILL BE COVERED BY A NPDES PERMIT, PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR MUST COMPLETE AND SUBMIT TO THE RESIDENT ENGINEER/TECHNICIAN THE "CONTRACTOR CERTIFICATION STATEMENT" AS PROVIDED ON FORM BDE 2342, STORM WATER POLLUTION PROTECTION PLAN (SWPPP). SEE SPECIAL PROVISIONS APPENDIX B.



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DES	CRIPT	ION					
INO.	DATE	DES	DWN	REV					
ISSUE: APRIL 20, 2018									
PROJECT NO: 17A0070									
CAD FILE: C-181-SWP.DWG									
DESIGN BY: JRH 03/28/2018									
DRAWN	BY: JRI	1 03/2	8/2018	3					

PROPOSED STORMWATER POLLUTION PREVENTION PLAN

REVIEWED BY: BSS 04/20/18

REGRADE DITCH EROSION CONTROL DETAIL

NOTE: ALL EROSION CONTROL BLANKETS SHALL BE INSTALLED PER MANUFACTURER'S

RECOMMENDATIONS BASED ON THE PROPOSED TYPE AND USE.

PROPOSED EROSION CONTROL BLANKET

12

BACKFILL AND 6"

EROSION CONTROL BLANKET TOE-IN ANCHOR DETAIL

NOT TO SCALE

8' EROSION CONTROL BLANKET WIDTH 4-6" SHINGLED OVERLAP TOE-IN PER DETAIL — AT SEAMS (TYP. ALL OUTSIDE SIDE SLOPE EDGES) SIDE SLOPE 12" STAPLE AT BOTTOM OF TOE-IN 12" STAPLES STAGGERED IN ROWS OF 2 & 3 6" SHINGLED 12" STAGGERED OVERLAP $\overline{}$ DOUBLE ROW OF 12" STAPLES PLACED AT CONSECUTIVE ENDS AND AT MID-POINT IN ROLL OR EVERY 40', WHICHEVER IS LESS

EROSION CONTROL BLANKET

STAPLE PATTERN DETAILS

NOT TO SCALE

SILT FENCE FABRIC

SILT FENCE FABRIC

TOP VIEW

SILT FENCE FABRIC

2"X2" WOOD POST (TYP.)

TOP VIEW

SUPPORT FRAME

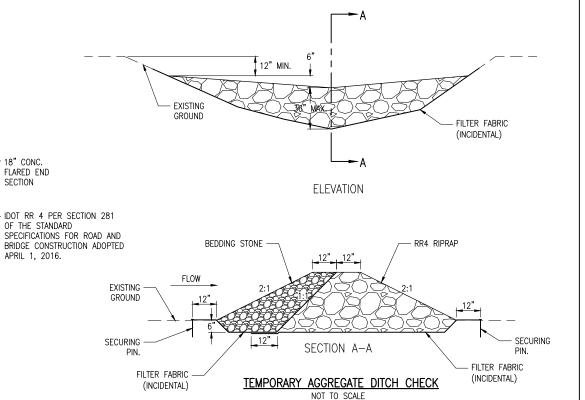
FABRIC DROP INLET PROTECTION

NOT TO SCALE

18" CONC.
FLARED END
SECTION

IDOT RR 4 PER
OF THE STANDAR
SPECIFICATIONS
BRIDGE CONSTRI
APRIL 1, 2016.

RIPRAP DETAIL
NOT TO SCALE



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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO. DATE DESCRIPTION
DES DWN REV

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070

CAD FILE: C-181-SWP.DWG

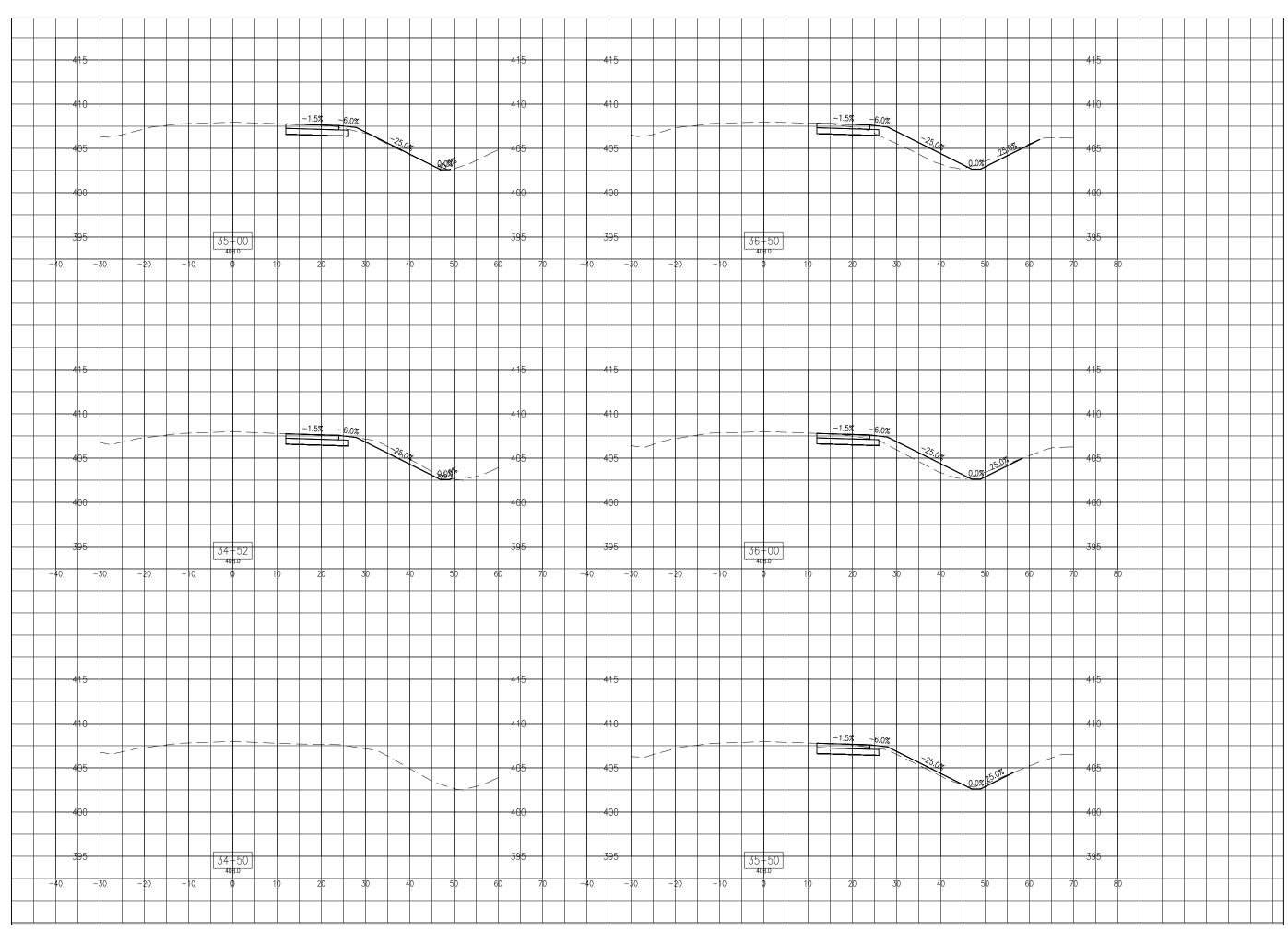
DESIGN BY: JRH 03/28/2018

DRAWN BY: JRH 03/28/2018

SHEET TITLE

PROPOSED STORMWATER POLLUTION PREVENTION DETAILS

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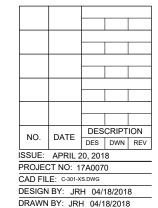
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IDA No: CPS-4633

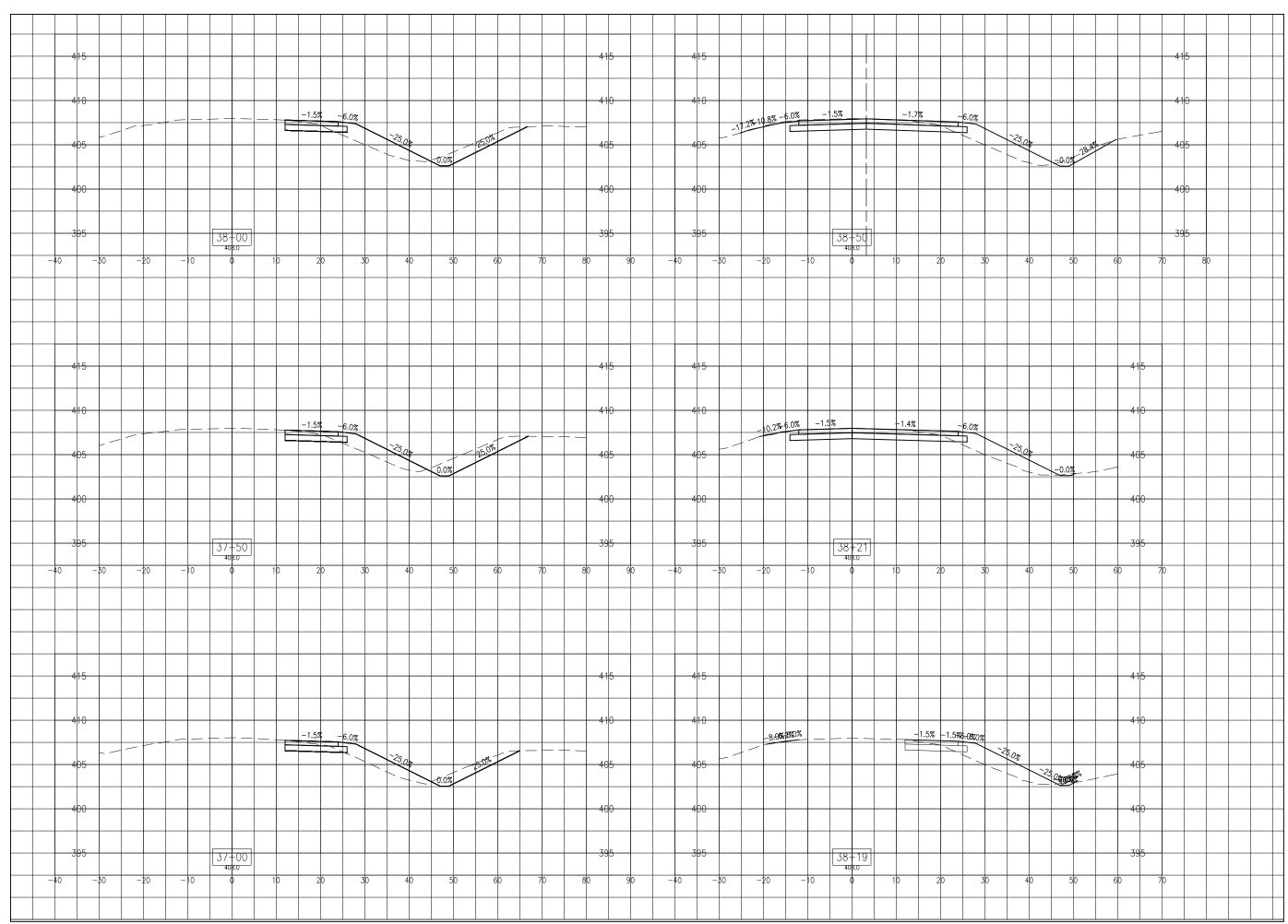
Contract No. SD059



SHEET TITLE

PROPOSED CROSS SECTIONS STA. 34+50 TO STA. 36+50

REVIEWED BY: BSS 04/20/18





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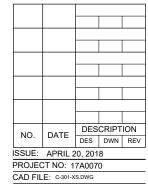
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

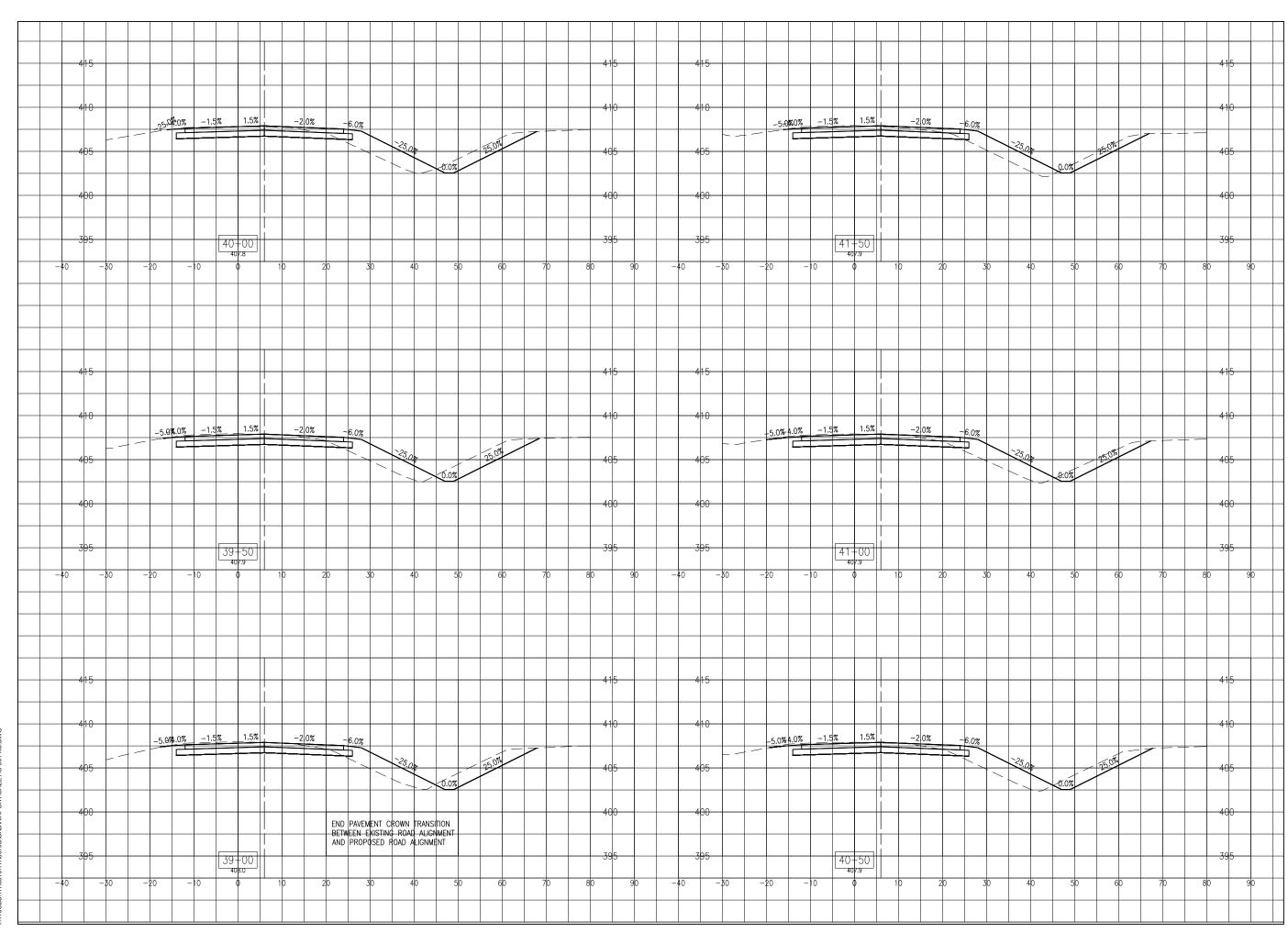
Contract No. SD059



DESIGN BY: JRH 04/18/2018
DRAWN BY: JRH 04/18/2018
REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED CROSS SECTIONS STA. 37+00 TO STA. 38+50



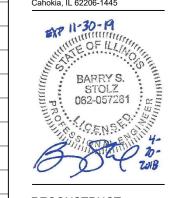


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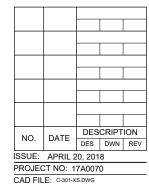
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

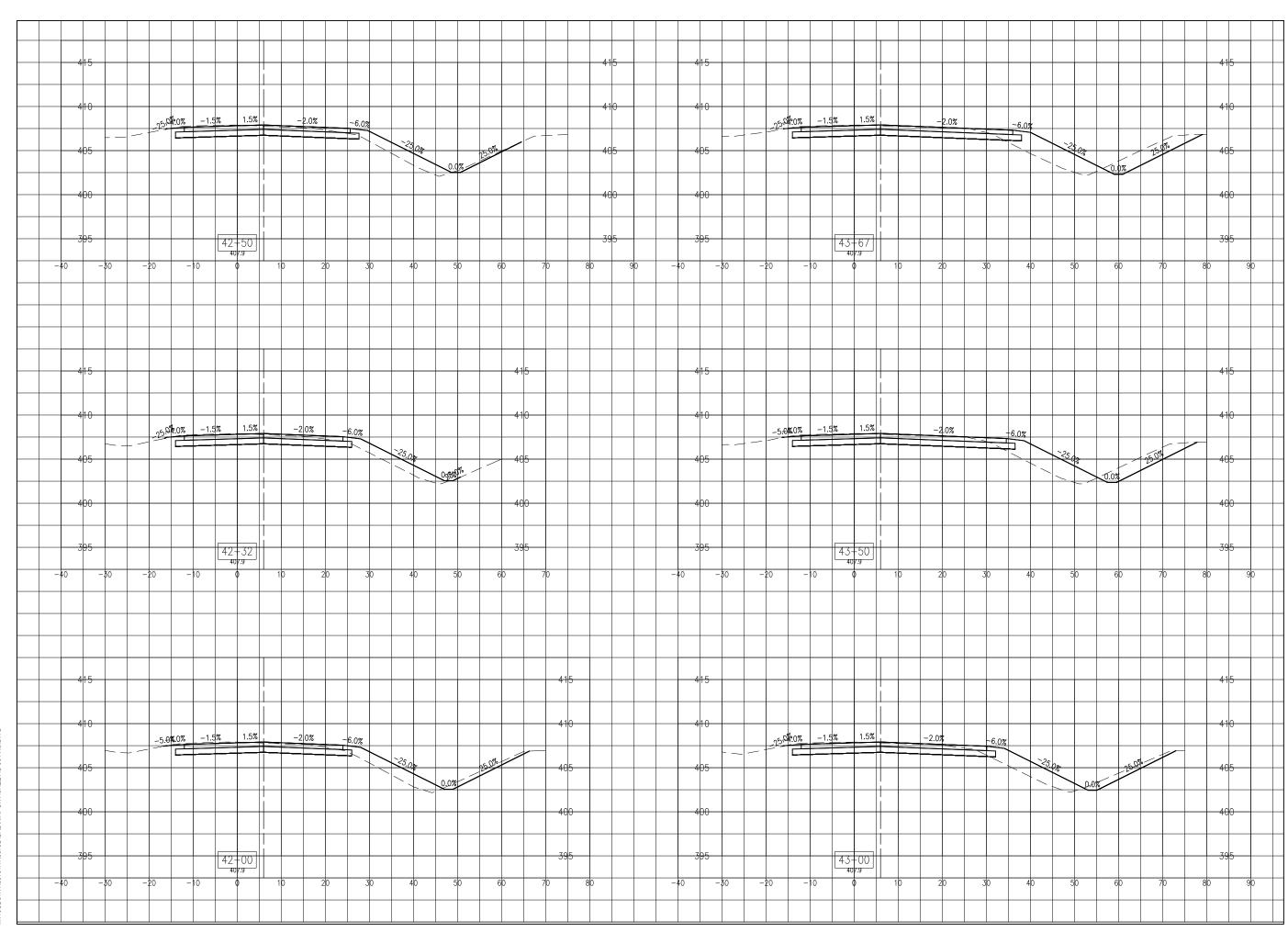
Contract No. SD059



DESIGN BY: JRH 04/18/2018
DRAWN BY: JRH 04/18/2018
REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED CROSS SECTIONS STA. 39+00 TO STA. 41+50





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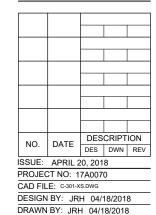
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

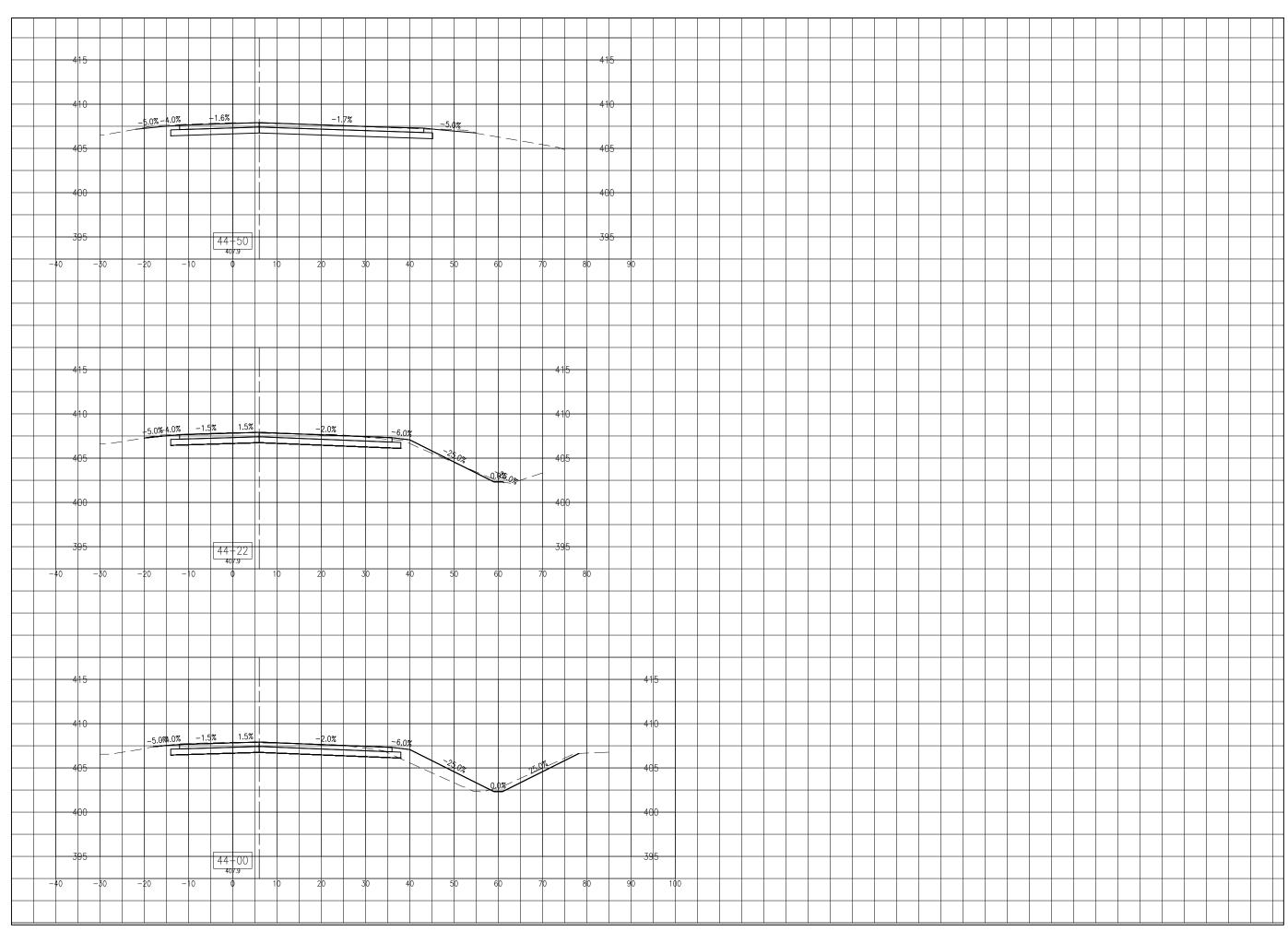


REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED CROSS

SECTIONS STA. 42+00 TO STA. 43+67





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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

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CAD FILE: 0.204 VO DIMO								

CAD FILE: C-301-XS.DWG

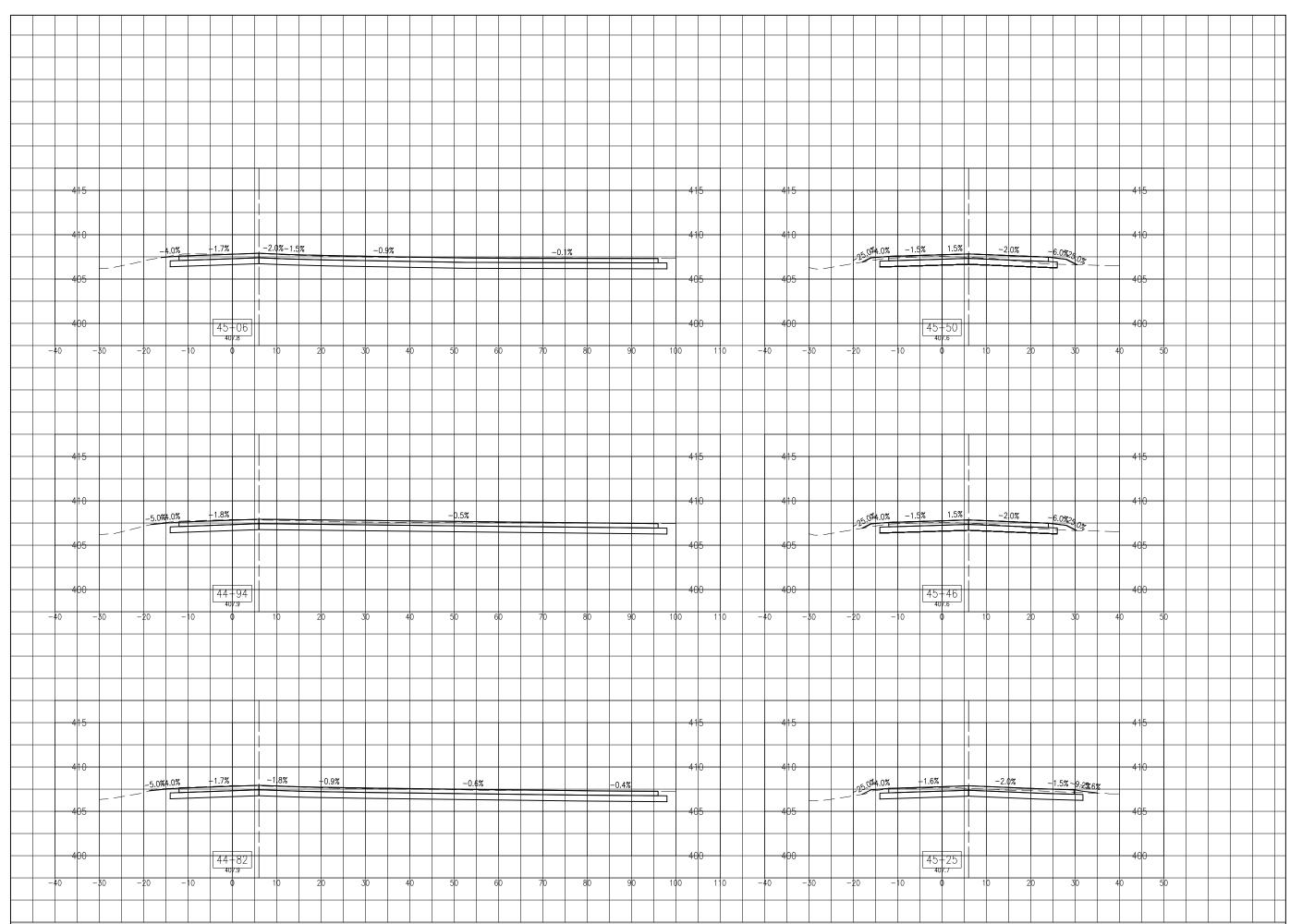
DESIGN BY: JRH 04/18/2018

DRAWN BY: JRH 04/18/2018

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SHEET TITLE

PROPOSED CROSS SECTIONS STA. 44+00 TO STA. 44+50





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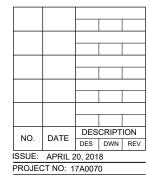
Bi-State Development Agency 6100 Archview Drive Cahokia, IL 62206-1445



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059



CAD FILE: C-301-XS.DWG

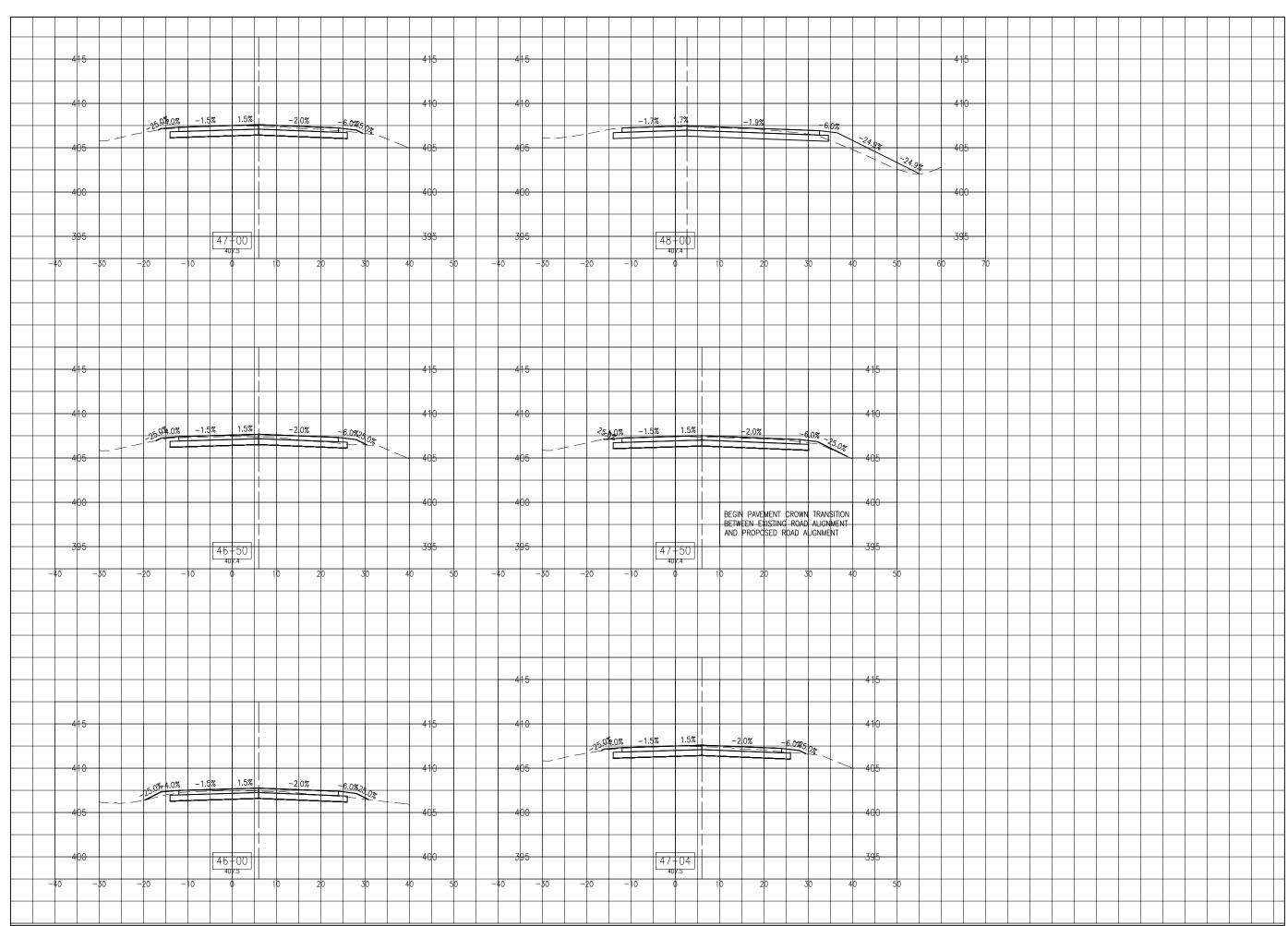
DESIGN BY: JRH 04/18/2018

DRAWN BY: JRH 04/18/2018

REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED CROSS SECTIONS STA. 44+82 TO STA. 45+50





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



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO. DATE DESCRIPTION									
NO. DATE DES DWN REV									
ISSUE: APRIL 20, 2018									
PROJECT NO: 17A0070									
CAD EILE: C301-YS DWG									

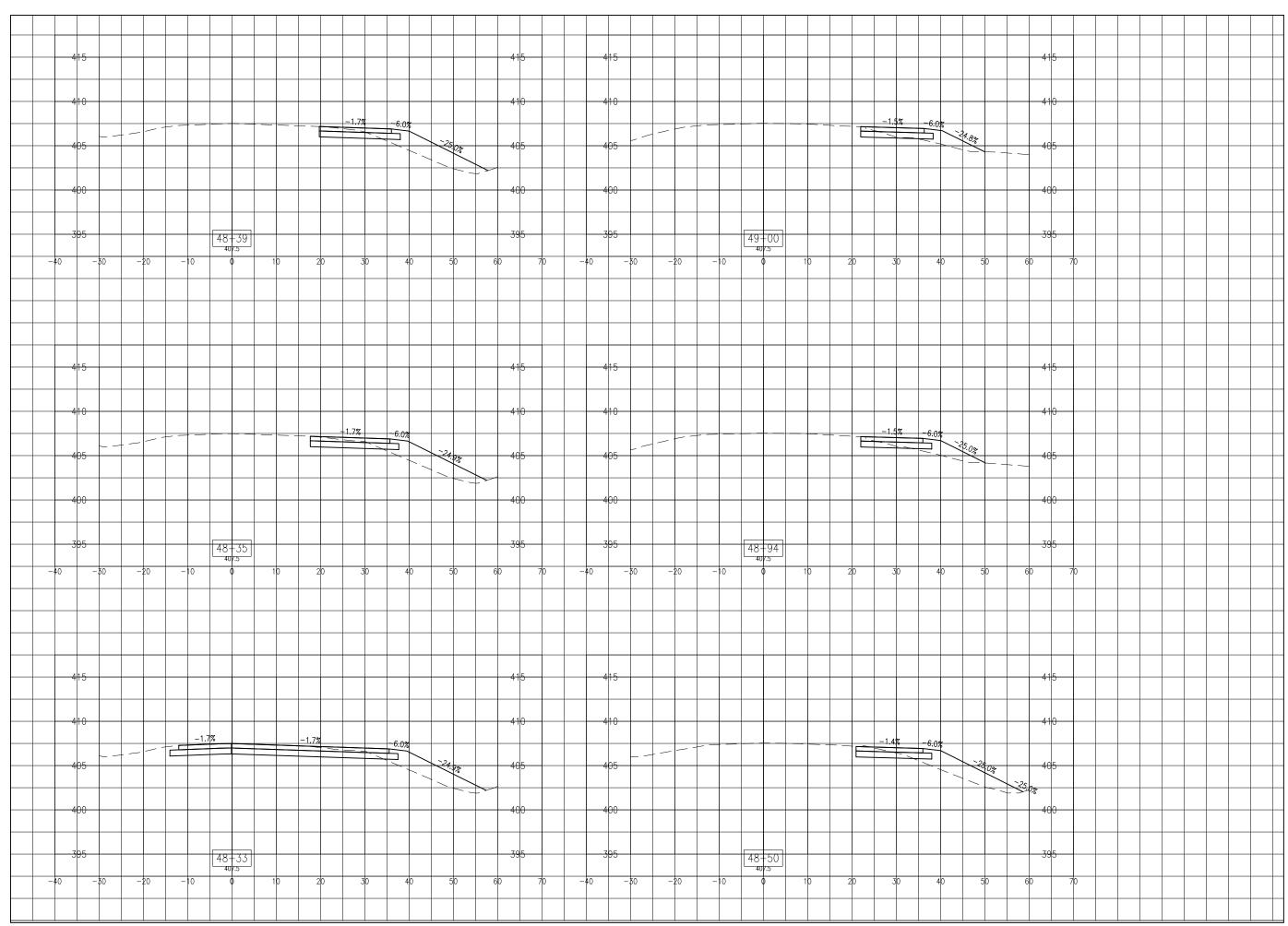
DESIGN BY: JRH 04/18/2018

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SHEET TITLE

PROPOSED CROSS SECTIONS STA. 46+00 TO STA. 48+00





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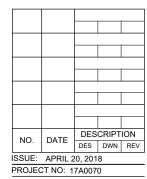
Bi-State Development Agency 6100 Archview Drive Cahokia, IL 62206-1445



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

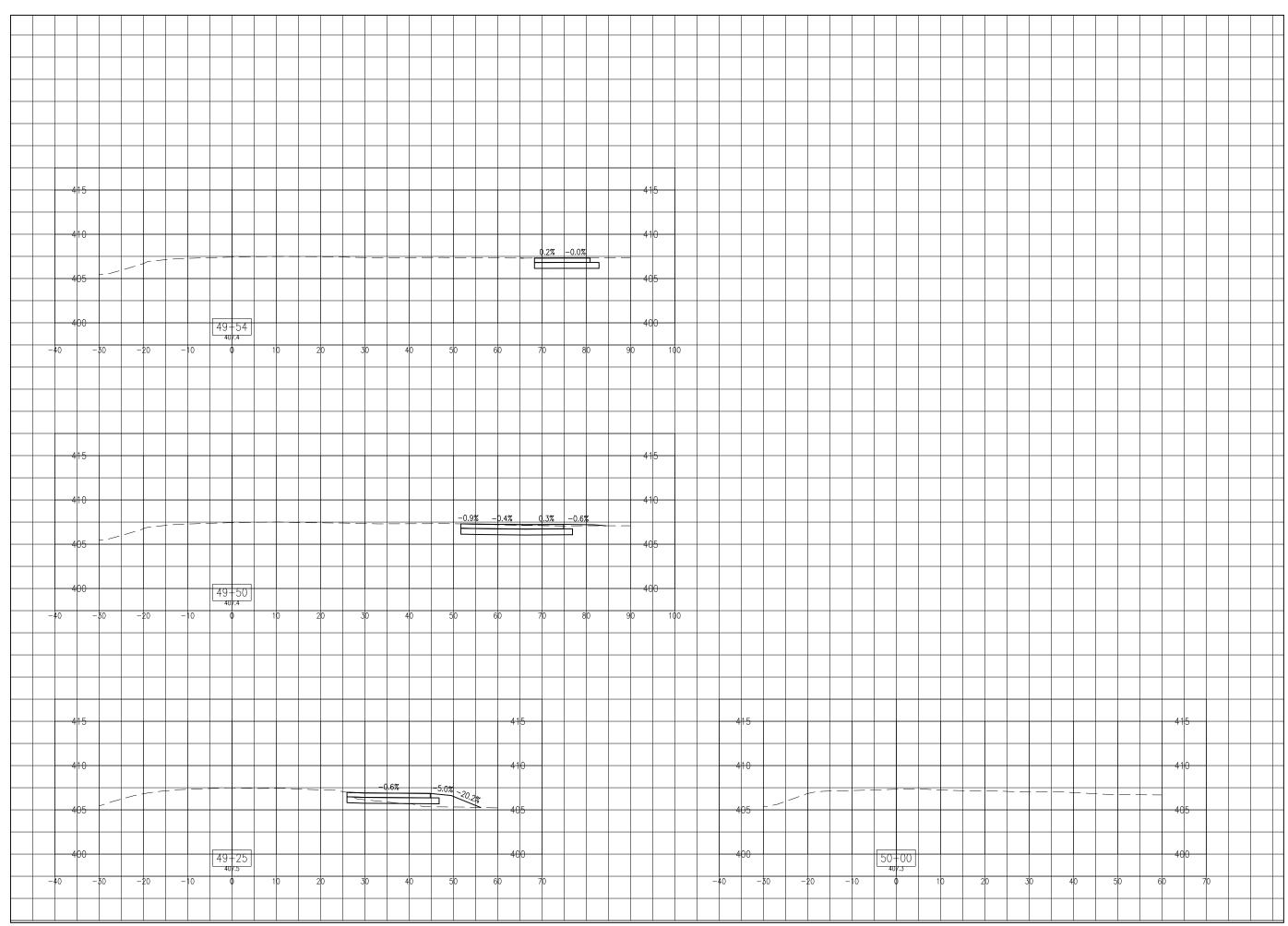
Contract No. SD059



CAD FILE: C-301-XS.DWG
DESIGN BY: JRH 04/18/2018
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SHEET TITLE

PROPOSED CROSS SECTIONS STA. 48+23 TO STA. 49+00





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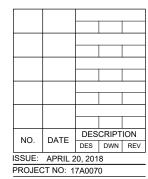
Bi-State Development Agency 6100 Archview Drive Cahokia, IL 62206-1445



RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

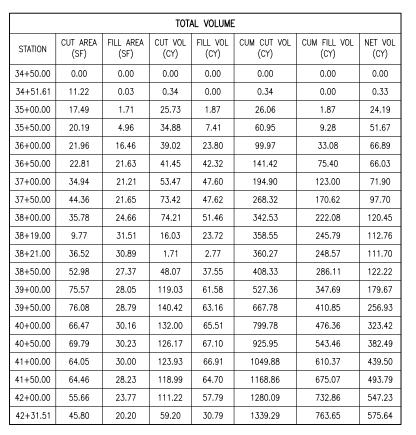
Contract No. SD059



CAD FILE: C-301-X8.DWG
DESIGN BY: JRH 04/18/2018
DRAWN BY: JRH 04/18/2018
REVIEWED BY: BSS 04/20/18

SHEET TITLE

PROPOSED CROSS SECTIONS STA. 49+25 TO STA. 50+00



			TOT	AL VOLUME			
STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOL (CY)	FILL VOL (CY)	CUM CUT VOL (CY)	CUM FILL VOL (CY)	NET VOL
42+50.00	50.11	22.52	32.84	17.55	1372.13	781.20	590.93
43+00.00	63.41	28.02	105.11	56.16	1477.24	837.36	639.88
43+50.00	81.41	32.96	134.09	67.76	1611.33	905.12	706.21
43+66.51	83.76	34.36	50.49	24.70	1661.82	929.81	732.01
44+00.00	66.42	22.62	93.15	42.40	1754.96	972.22	782.75
44+21.51	63.29	2.75	51.66	12.13	1806.63	984.34	822.28
44+50.00	68.24	0.00	69.39	1.74	1876.02	986.08	889.94
44+81.51	110.56	0.01	104.32	0.00	1980.34	986.09	994.25
44+93.51	103.97	0.01	47.67	0.00	2028.01	986.09	1041.92
45+05.51	126.27	0.01	51.16	0.00	2079.18	986.10	1093.08
45+25.00	51.19	0.24	64.06	0.11	2143.23	986.20	1157.03
45+45.51	38.42	1.23	34.03	0.67	2177.27	986.87	1190.40
45+50.00	37.46	1.29	6.31	0.25	2183.58	987.12	1196.46
46+00.00	39.69	1.89	71.43	3.54	2255.01	990.66	1264.36
46+50.00	40.03	0.94	73.81	3.14	2328.83	993.80	1335.02
47+00.00	47.43	0.26	80.98	1.34	2409.81	995.14	1414.67
47+03.92	47.44	0.31	6.88	0.05	2416.69	995.19	1421.50
47+50.00	56.77	0.75	88.93	1.08	2505.62	996.27	1509.35
48+00.00	58.08	15.87	106.34	18.46	2611.96	1014.73	1597.23
48+33.24	28.75	28.98	53.44	33.12	2665.40	1047.86	1617.55

TOTAL VOLUME										
STATION	CUT AREA (SF)	FILL AREA (SF)	CUT VOL (CY)	FILL VOL (CY)	CUM CUT VOL (CY)	CUM FILL VOL (CY)	NET VOL (CY)			
48+35.24	22.17	30.05	1.89	2.62	2667.29	1050.48	1616.81			
48+38.92	19.52	31.21	2.84	5.01	2670.13	1055.49	1614.64			
48+50.00	17.33	29.71	7.56	15.00	2677.69	1070.49	1607.20			
48+93.52	12.64	11.26	24.15	39.62	2701.84	1110.12	1591.73			
49+00.00	13.18	10.15	3.10	3.09	2704.94	1113.20	1591.74			
49+25.00	13.35	5.52	12.28	8.70	2717.22	1121.90	1595.32			
49+50.00	49.94	0.00	29.30	3.07	2746.52	1124.97	1621.55			
49+53.89	5.51	0.00	4.00	0.00	2750.52	1124.97	1625.55			
50+00.00	0.00	0.00	4.70	0.00	2755.22	1124.97	1630.25			

NOTE
AREAS AND VOLUMES SHOWN ARE EARTHWORK ONLY, BASED ON A COMPARISON OF
EXISTING SUBGRADE DATUM TO PROPOSED SUBGRADE DATUM. PAVEMENT AREAS/VOLUMES
(EXISTING AND PROPOSED) ARE NOT INCLUDED IN THE ABOVE TABLES. PLEASE REFER TO
PLAN SHEET 2 FOR ADDITIONAL INFORMATION.

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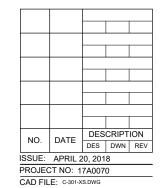
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RECONSTRUCT ACCESS ROAD (CURTISS STEINBERG DRIVE)

IDA No: CPS-4633

Contract No. SD059



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SHEET TITLE

PROPOSED CROSS SECTIONS - VOLUME TABLE