

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

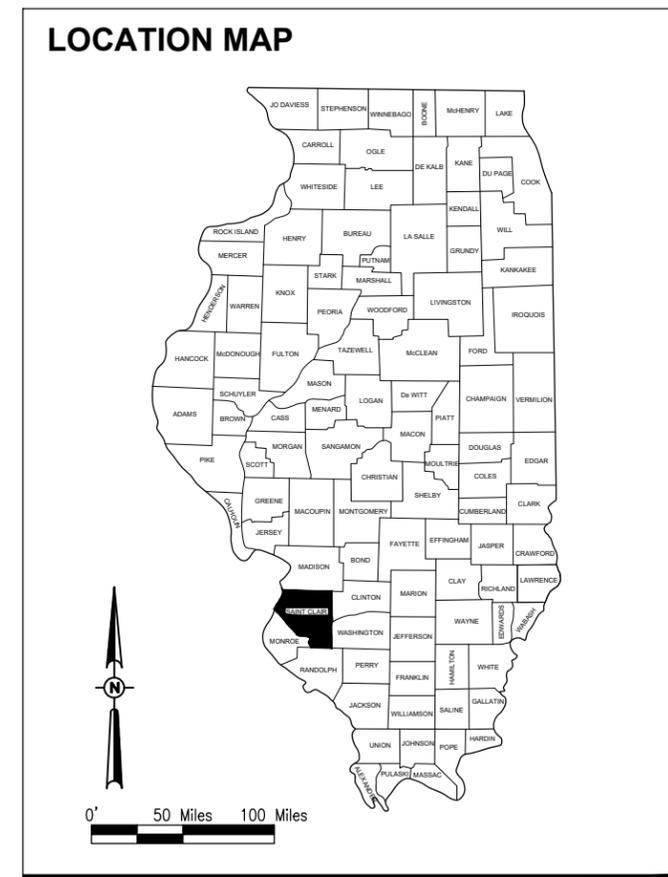
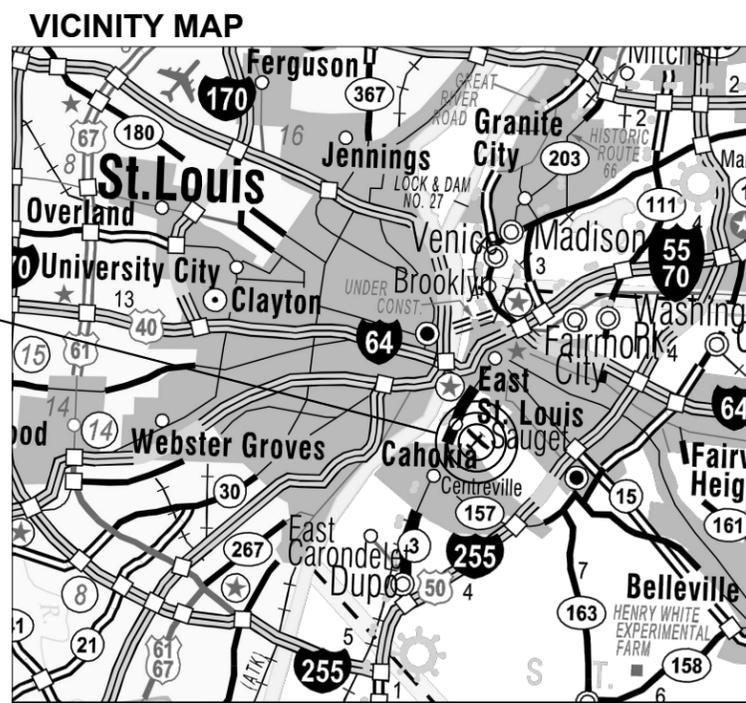
IDA PROJECT NO.: CPS-4633

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.



PROJECT LOCATION

APR 20 2018 6:50 PM HERND01562 I:\17\08517A00\017A0070\CAD\AIRPORT\SHEET\G-01-CVR.DWG

No.	Issue/Description	Sheets Changed	Date	By

[Signature]
Barry S. Stolz, P.E.
Civil Engineer

STATE OF ILLINOIS
BARRY S. STOLZ
062-057281
LICENSED PROFESSIONAL ENGINEER
EXP 11-30-19
4-20-2018

HANSON
HANSON PROFESSIONAL SERVICES INC.
1525 South Sixth Street
Springfield, Illinois 62703-2886
Telephone: 217.788.2450
Fax: 217.788.2503

ST. LOUIS DOWNTOWN AIRPORT
Bi-State Development Agency
6100 Archview Drive
Cahokia, Illinois 62206-1445
Telephone: 618.337.6060

[Signature]
Erick A. Dahl
Airport Director

4/20/18

GENERAL NOTES

1. 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.
2. 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.
3. 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.
5. 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.
6. 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.
8. 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.
9. 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 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.

UTILITY NOTE

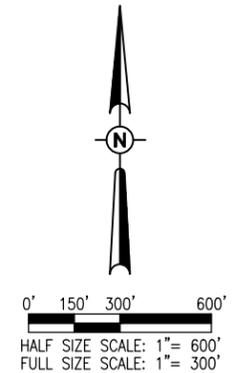
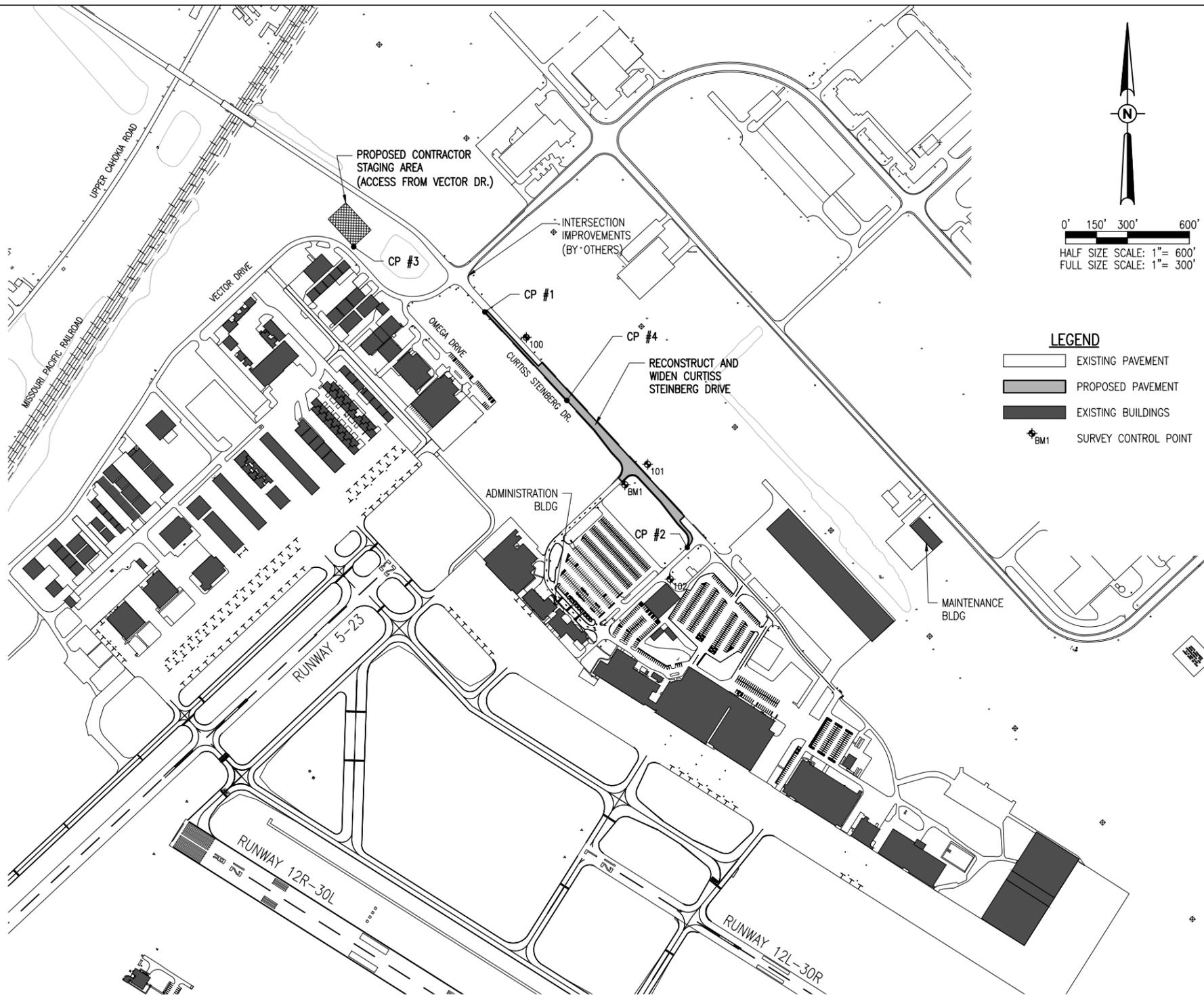
THE LOCATION, SIZE, AND TYPE OF MATERIAL OF EXISTING UNDERGROUND AND/OR ABOVEGROUND UTILITIES INDICATED ON THE PLANS ARE NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY WHATSOEVER IN RESPECT TO THE ACCURACY, COMPLETENESS, OR SUFFICIENCY 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 UTILITIES.

J.U.L.I.E. INFORMATION

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

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



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING BUILDINGS
- SURVEY CONTROL POINT



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 Agency
 6100 Archview Drive
 Cahokia, IL 62206-1445



**RECONSTRUCT
 ACCESS ROAD
 (CURTISS STEINBERG
 DRIVE)**

IDA No: CPS-4633
 Contract No. SD059

NO.	DATE	DESCRIPTION	
		DES	REV

ISSUE: APRIL 20, 2018
 PROJECT NO: 17A0070
 CAD FILE: G-003-SOW.DWG
 DESIGN BY: JRH 03/27/2018
 DRAWN BY: JRH 03/27/2018
 REVIEWED BY: BSS 04/20/18

SHEET TITLE

SCOPE OF WORK

APR 20 11:06 PM STOLZ01547
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PHASE 1 NOTES

1. THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY. ALL PHASE 1 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 2.
2. ALL NECESSARY TEMPORARY SIGNS, BARRICADES/DRUMS AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION.
3. AT ALL TIMES, THE CONTRACTOR'S OPERATIONS SHALL BE SUCH AS TO MINIMIZE DISRUPTION TO AIRPORT TRAFFIC, INCLUDING VEHICLE AND PEDESTRIAN.
4. AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
6. THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
7. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

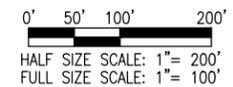
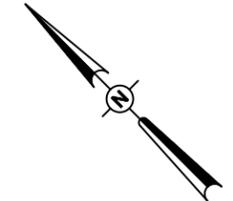
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CRITICAL POINT 5	N038°34'51.33"	W090°09'36.05"	407.0'	21'	428.0'
CRITICAL POINT 6	N038°34'42.81"	W090°09'25.73"	407.0'	21'	428.0'
CRITICAL POINT 7	N038°34'49.22"	W090°09'33.32"	407.0'	21'	428.0'

WORK ZONE TRAFFIC CONTROL – GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES AND CONFIGURATIONS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
2. 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.
5. 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.
6. 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.

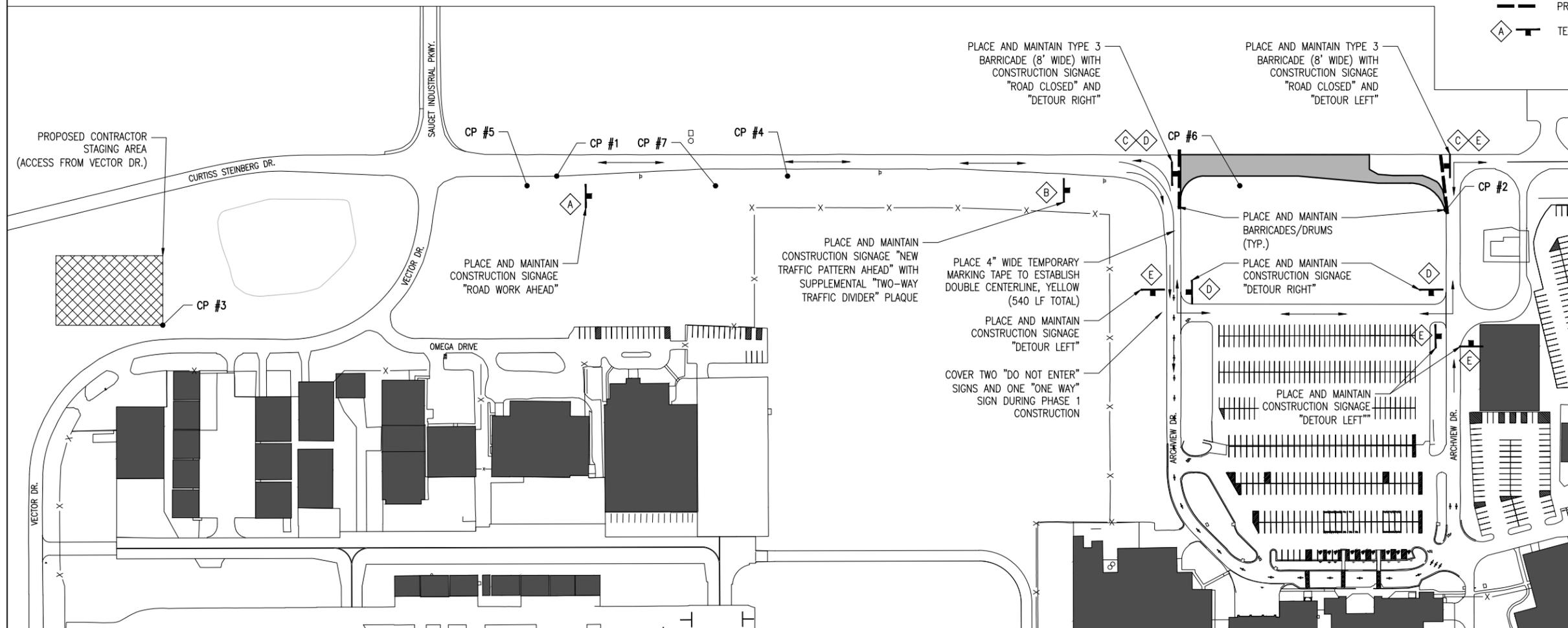
SAFETY PLAN COMPLIANCE DOCUMENT

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.



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT LIMIT
- PROPOSED WORK AREA
- EXISTING BUILDINGS
- PROPOSED CONTRACTOR STAGING AREA
- EXISTING FENCE
- PROPOSED PUBLIC TRAFFIC ROUTE
- PROPOSED BARRICADES/DRUMS
- TEMP. CONSTRUCTION SIGN



PHASE 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



ST. LOUIS
DOWNTOWN AIRPORT

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		
		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 -
PHASE 1

PHASE 2 NOTES

1. THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY. ALL PHASE 2 WORK SHALL BE COMPLETED PRIOR TO BEGINNING WORK ON PHASE 3.
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.
4. AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
6. THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
7. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

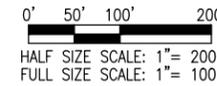
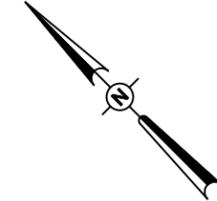
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2. ONE LANE OF THE MAIN ROADWAY SHALL BE ACCESSIBLE TO PUBLIC VEHICLE TRAFFIC AT ALL TIMES DURING CONSTRUCTION, UNLESS OTHERWISE COORDINATED IN ADVANCE WITH THE OWNER. THE COST OF MAINTAINING THE ACCESS SHALL BE INCIDENTAL TO ITEM AR150530 – TRAFFIC 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.
5. 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.
6. 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.
8. 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.

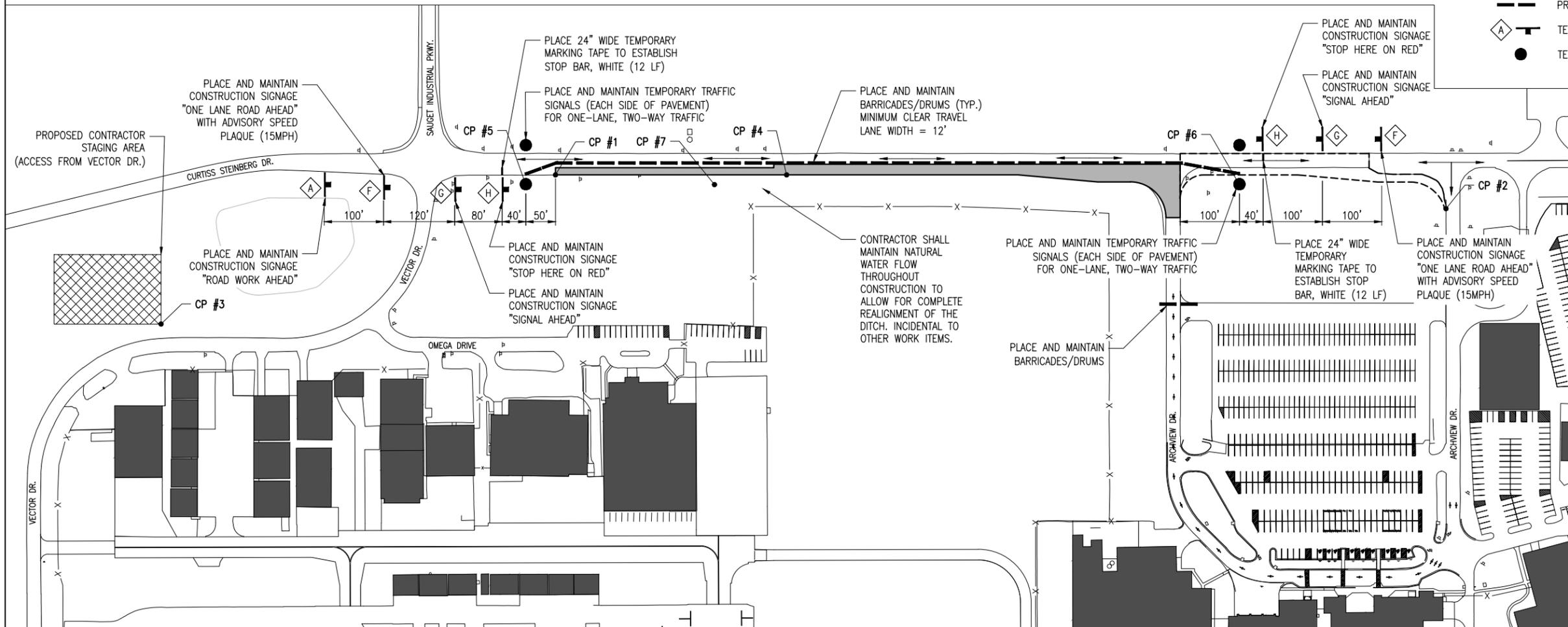
SAFETY PLAN COMPLIANCE DOCUMENT

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LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT LIMIT
- PROPOSED WORK AREA
- EXISTING BUILDINGS
- PROPOSED CONTRACTOR STAGING AREA
- EXISTING FENCE
- PROPOSED PUBLIC TRAFFIC ROUTE
- PROPOSED BARRICADES/DRUMS
- TEMP. CONSTRUCTION SIGN
- TEMPORARY TRAFFIC SIGNAL



PHASE 2



Offices Nationwide
www.hanson-inc.com

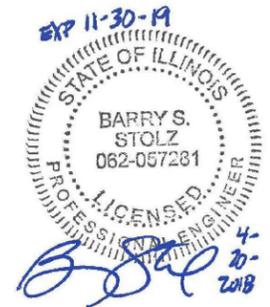
Hanson Professional Services Inc.
1525 S. 6th Street
Springfield, IL 62703
phone: 217-788-2450
fax: 217-788-2503

Illinois Licensed
Professional Service Corporation
#184-001084



**ST. LOUIS
DOWNTOWN AIRPORT**

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		
		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 -
PHASE 2**

PHASE 3 NOTES

1. THE CONTRACTOR MAY NOT WORK IN MULTIPLE PHASES SIMULTANEOUSLY.
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.
4. AT THE COMPLETION OF ALL PROJECT CONSTRUCTION, THE HAUL ROUTE AND CONSTRUCTION EQUIPMENT PARKING AREA SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS PER THE SPECIFICATIONS.
5. THE COSTS FOR PROVISION, PLACEMENT, MAINTENANCE AND REMOVAL OF TEMPORARY SIGNS, BARRICADES/DRUMS, OTHER TRAFFIC CONTROL DEVICES AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150530 TRAFFIC MAINTENANCE.
6. THE COSTS FOR CONSTRUCTION/MAINTENANCE OF HAUL ROUTE AND EQUIPMENT STAGING AREA, AND ALL ASSOCIATED INCIDENTALS SHALL BE PAID FOR UNDER ITEM AR150520 MOBILIZATION.
7. THE PROPOSED CONSTRUCTION WILL NOT NECESSITATE CLOSING ANY AIRFIELD PAVEMENT. ALL WORK WILL BE ON THE "LAND SIDE" OF THE AIRPORT PERIMETER FENCE.

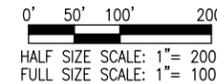
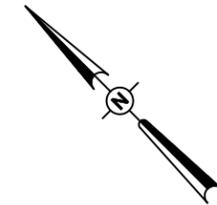
CRITICAL POINT (CP) DATA					
DESCRIPTION	LATITUDE	LONGITUDE	GROUND ELEV.	EQUIP. HEIGHT	EQUIP. ELEV.
CRITICAL POINT 1	N038°34'51.27"	W090°09'35.47"	406.0'	25'	431.0'
CRITICAL POINT 2	N038°34'40.01"	W090°09'23.12"	409.0'	25'	434.0'
CRITICAL POINT 3	N038°34'54.40"	W090°09'43.49"	406.0'	25'	431.0'
CRITICAL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

1. ALL TRAFFIC CONTROL DEVICES AND CONFIGURATIONS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
2. 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.
5. 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.
6. 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.
8. 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.

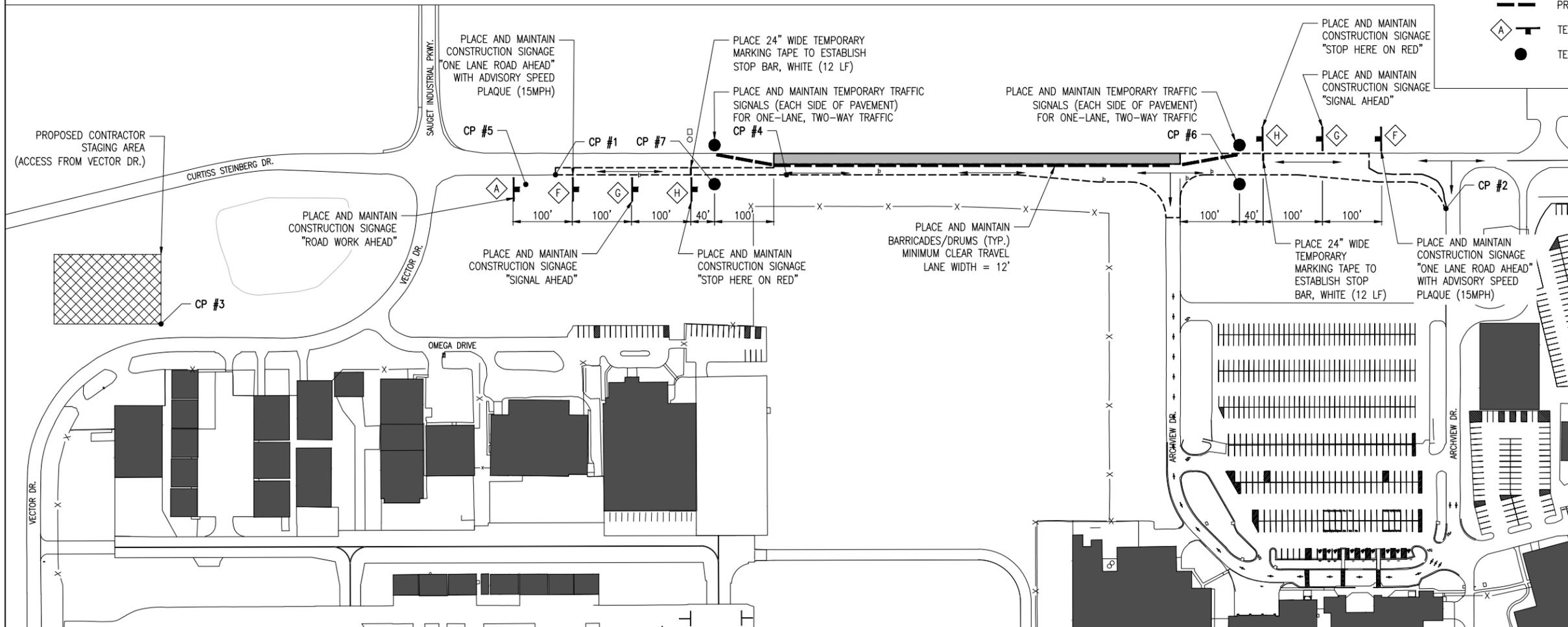
SAFETY PLAN COMPLIANCE DOCUMENT

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.



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT LIMIT
- PROPOSED WORK AREA
- EXISTING BUILDINGS
- PROPOSED CONTRACTOR STAGING AREA
- EXISTING FENCE
- PROPOSED PUBLIC TRAFFIC ROUTE
- PROPOSED BARRICADES/DRUMS
- TEMP. CONSTRUCTION SIGN
- TEMPORARY TRAFFIC SIGNAL



PHASE 3



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**ST. LOUIS
DOWNTOWN AIRPORT**

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		
		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

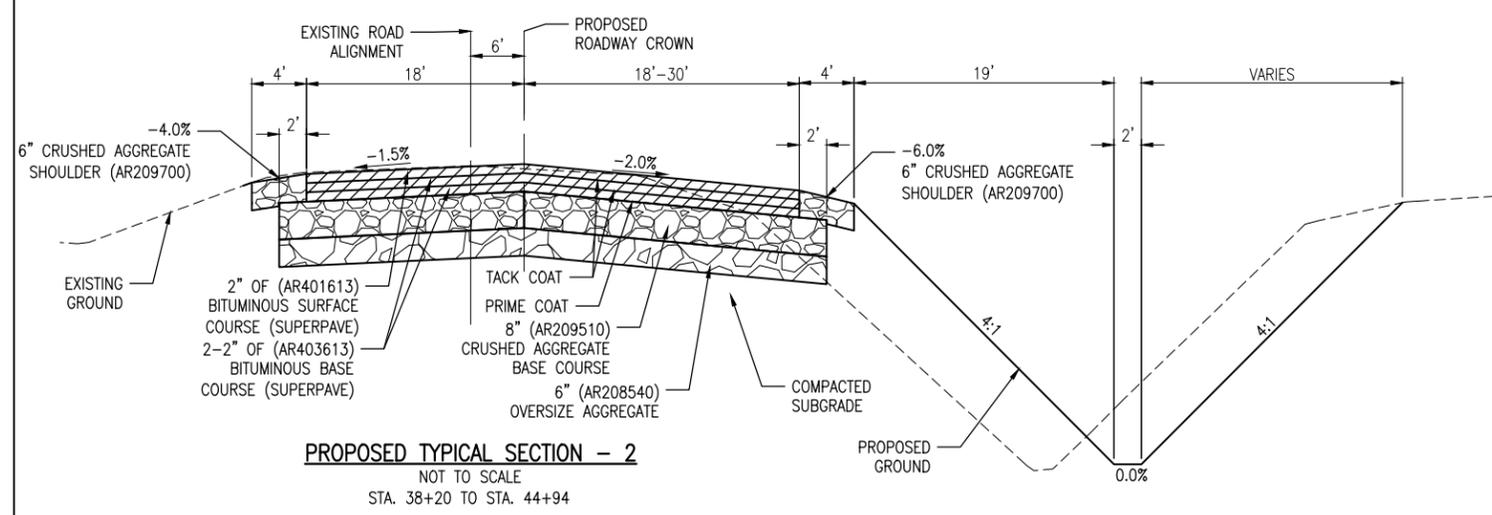
SHEET TITLE

**MAINTENANCE OF
TRAFFIC PLAN -
PHASE 3**



ST. LOUIS
DOWNTOWN AIRPORT

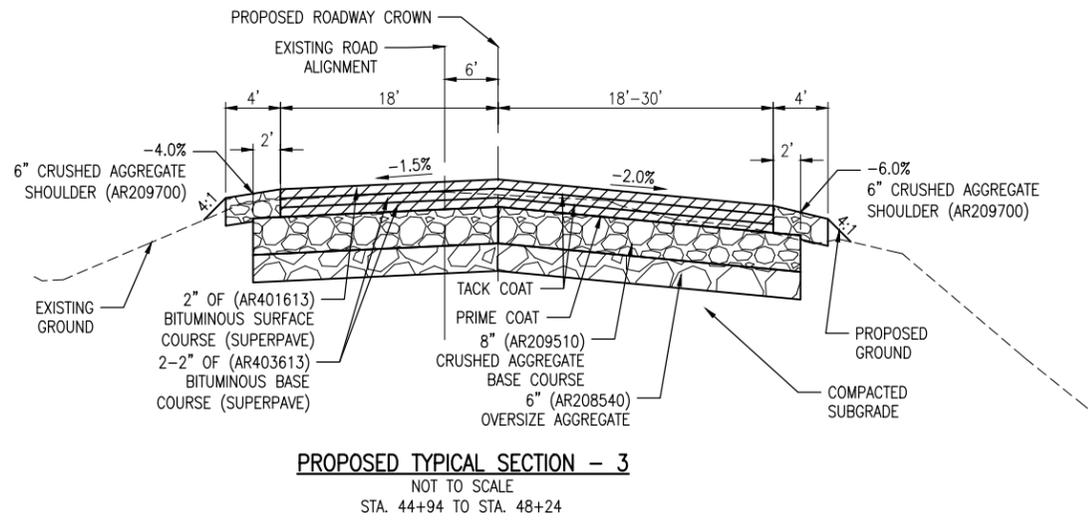
Bi-State Development Agency
6100 Archview Drive
Cahokia, IL 62206-1445



PROPOSED TYPICAL SECTION - 2
NOT TO SCALE
STA. 38+20 TO STA. 44+94

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

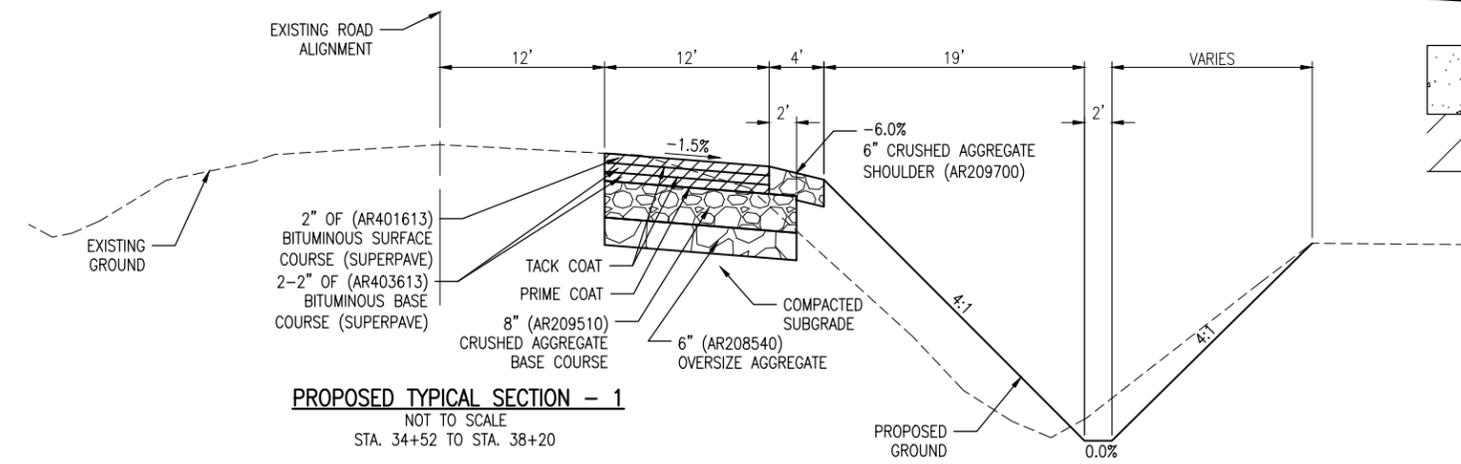
- NOTES:
1. CONTRACTOR SHALL MAINTAIN A CONTINUOUS PAVING OPERATION AS MUCH AS POSSIBLE.
 2. SURFACE COURSE SHALL BE PG 70-22.
 3. BASE COURSE SHALL BE PG 64-22.



PROPOSED TYPICAL SECTION - 3
NOT TO SCALE
STA. 44+94 TO STA. 48+24

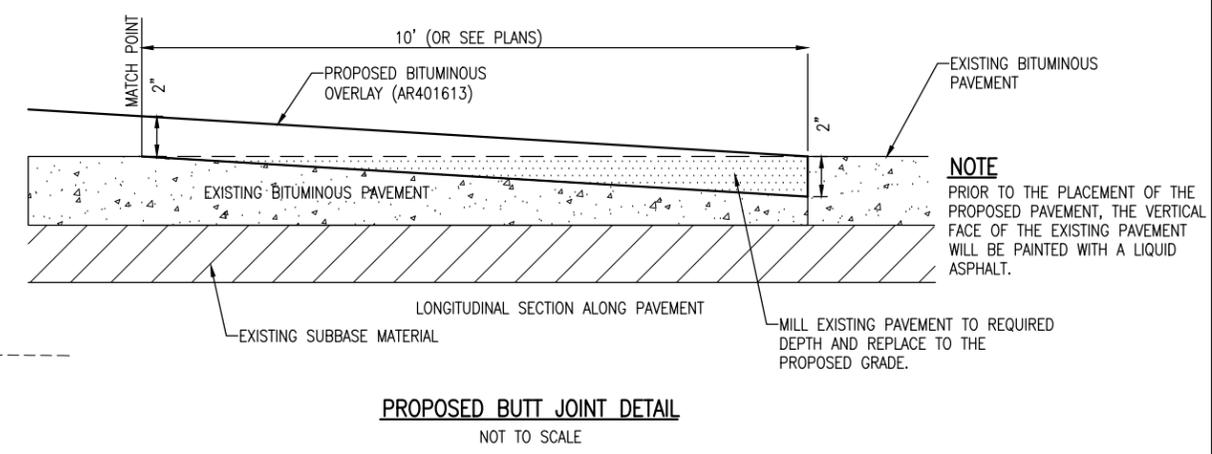
*WIDTHS AND GRADES VARY AT INTERSECTIONS. AVERAGE WIDTHS AND GRADES SHOWN.

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



PROPOSED TYPICAL SECTION - 1
NOT TO SCALE
STA. 34+52 TO STA. 38+20

- NOTES:
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.



PROPOSED BUTT JOINT DETAIL
NOT TO SCALE

AR401655 BUTT JOINT CONSTRUCTION NOTES

1. 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.
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.
4. 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. THE PAVEMENT MILLING WILL BE PAID FOR UNDER ITEM: AR401655 "BUTT JOINT CONSTRUCTION", PER S.Y.

RECONSTRUCT
ACCESS ROAD
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DRIVE)

IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

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PROJECT NO: 17A0070
CAD FILE: C-302-TYP.DWG
DESIGN BY: JRH 03/27/2018
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SHEET TITLE

TYPICAL SECTIONS



**ST. LOUIS
DOWNTOWN AIRPORT**

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6100 Archview Drive
Cahokia, IL 62206-1445



**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

IDA No: CPS-4633

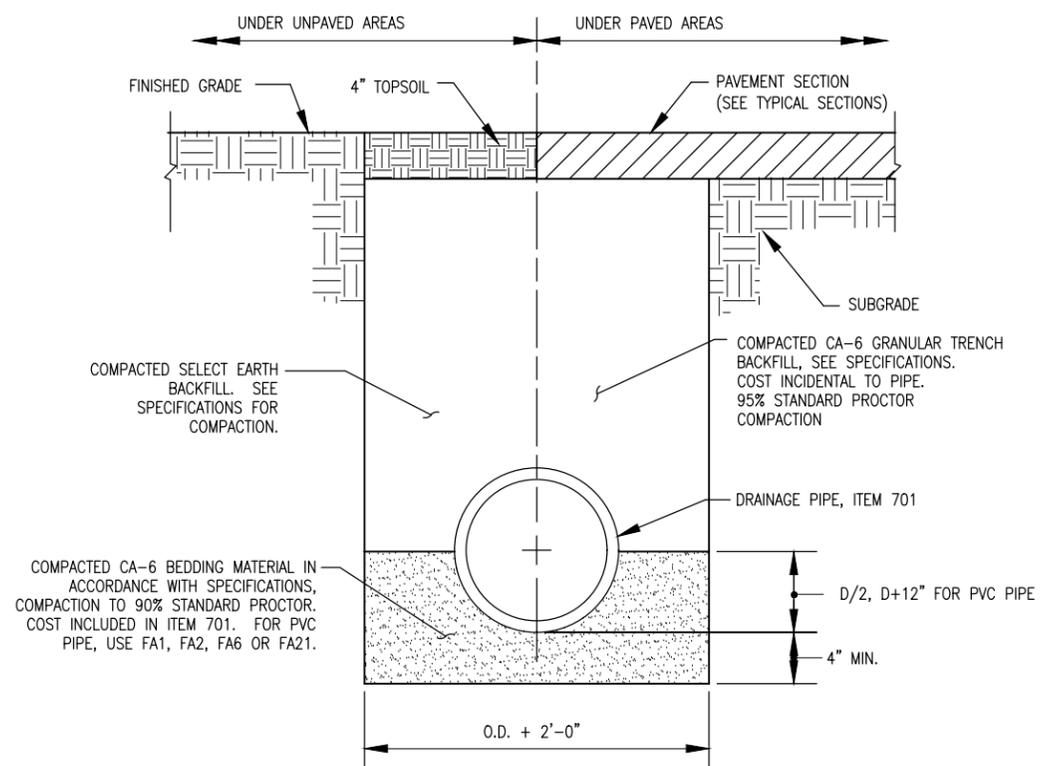
Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070
CAD FILE: C-501-DRN.DWG
DESIGN BY: JRH 03/27/2018
DRAWN BY: JRH 03/27/2018
REVIEWED BY: BSS 04/20/18

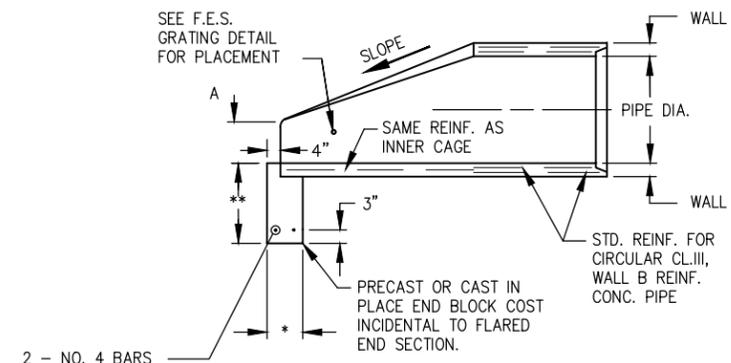
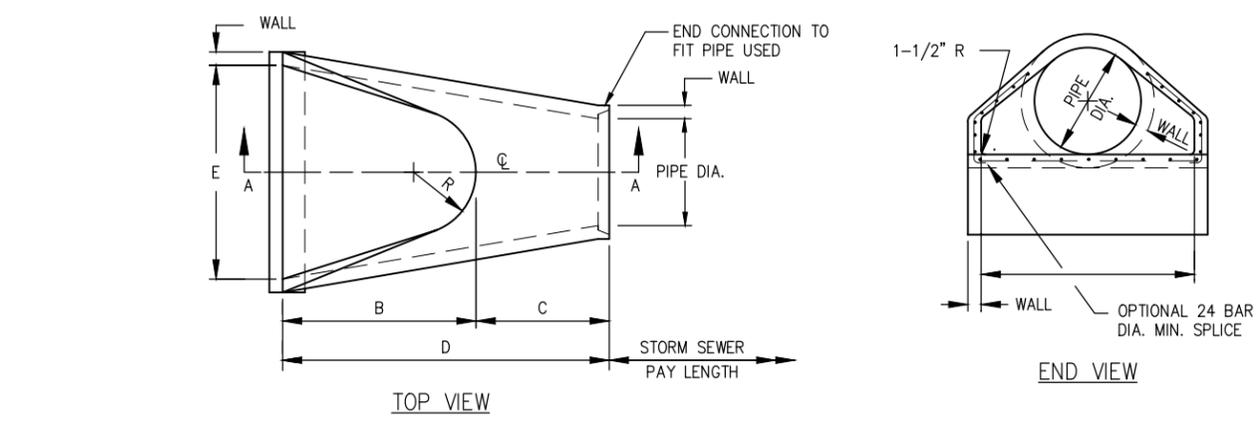
SHEET TITLE

**PROPOSED
DRAINAGE DETAILS**



- NOTES**
1. UNSUITABLE MATERIAL ENCOUNTERED DURING PLACEMENT OF BEDDING SHALL BE REMOVED AND REPLACED.
 2. WITHIN 3 FEET OF PAVED AREA, GRANULAR BACKFILL IS TO BE USED INSTEAD OF EARTH BACKFILL.
 3. 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.

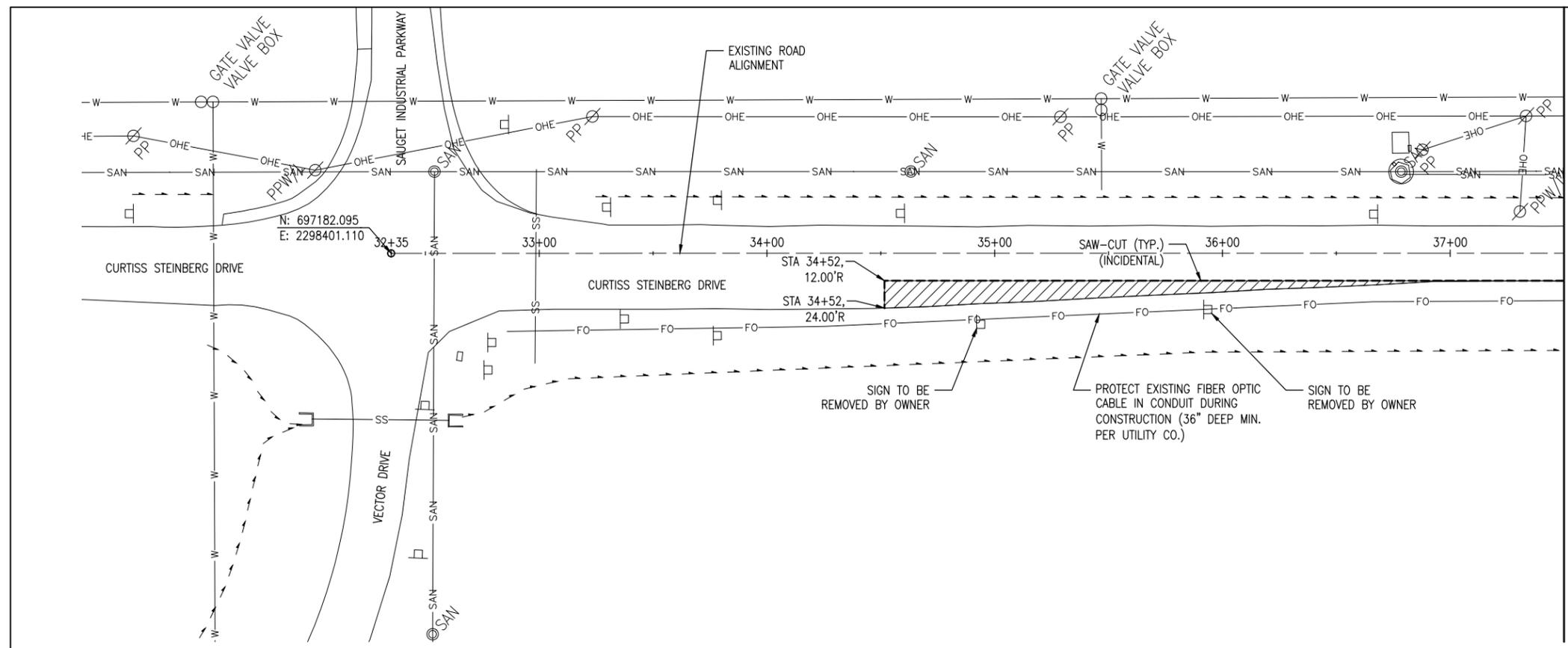
PIPE TRENCH DETAIL
NOT TO SCALE



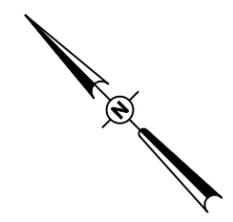
PIPE DIA.	WALL	A	B	C	D	E	R	SLOPE
18"	2.5"	9"	27"	46"	73"	36"	*	1:2.4

* RADIUS AS FURNISHED BY MANUFACTURER

PRECAST CONCRETE FLARED END SECTION
(IDOT STANDARD 542301-MODIFIED)
NOT TO SCALE



MATCHLINE - STA. 37+50

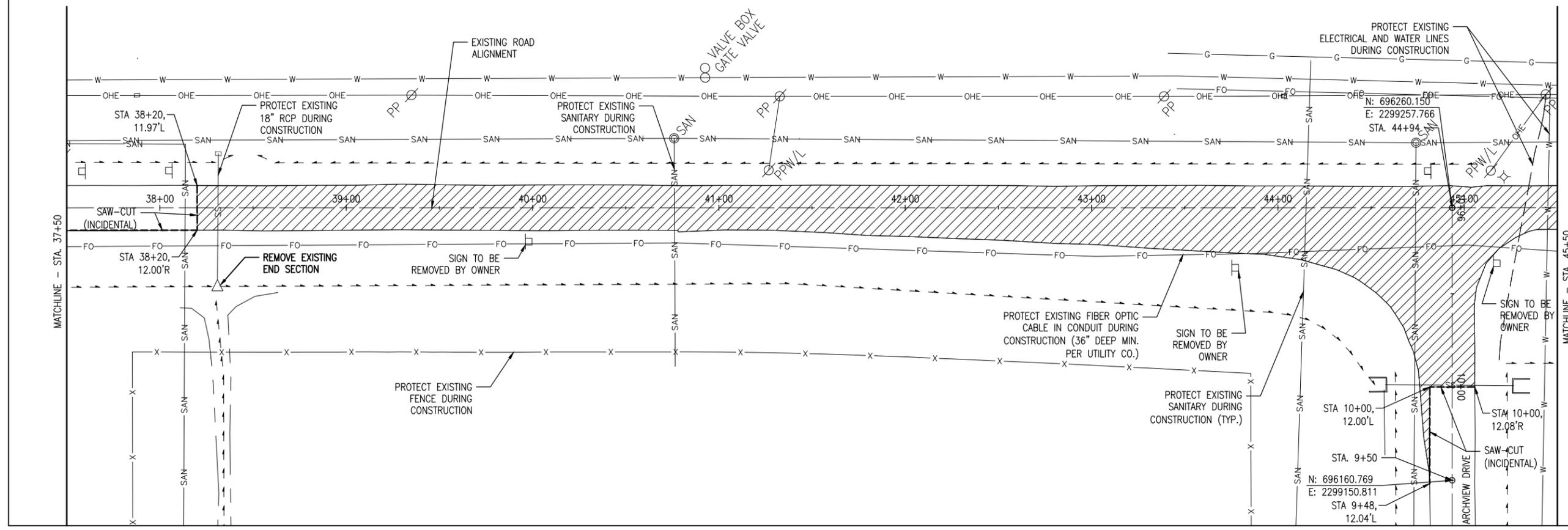


0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING PAVEMENT REMOVAL
- PROPOSED SAW-CUT

NOTE:
EXISTING PAVEMENT SECTION TO BE REMOVED IS
8" BITUMINOUS ON SUBGRADE.



MATCHLINE - STA. 37+50

MATCHLINE - STA. 45+50

**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

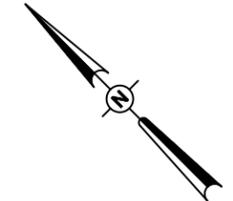
SHEET TITLE

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



**ST. LOUIS
DOWNTOWN AIRPORT**

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

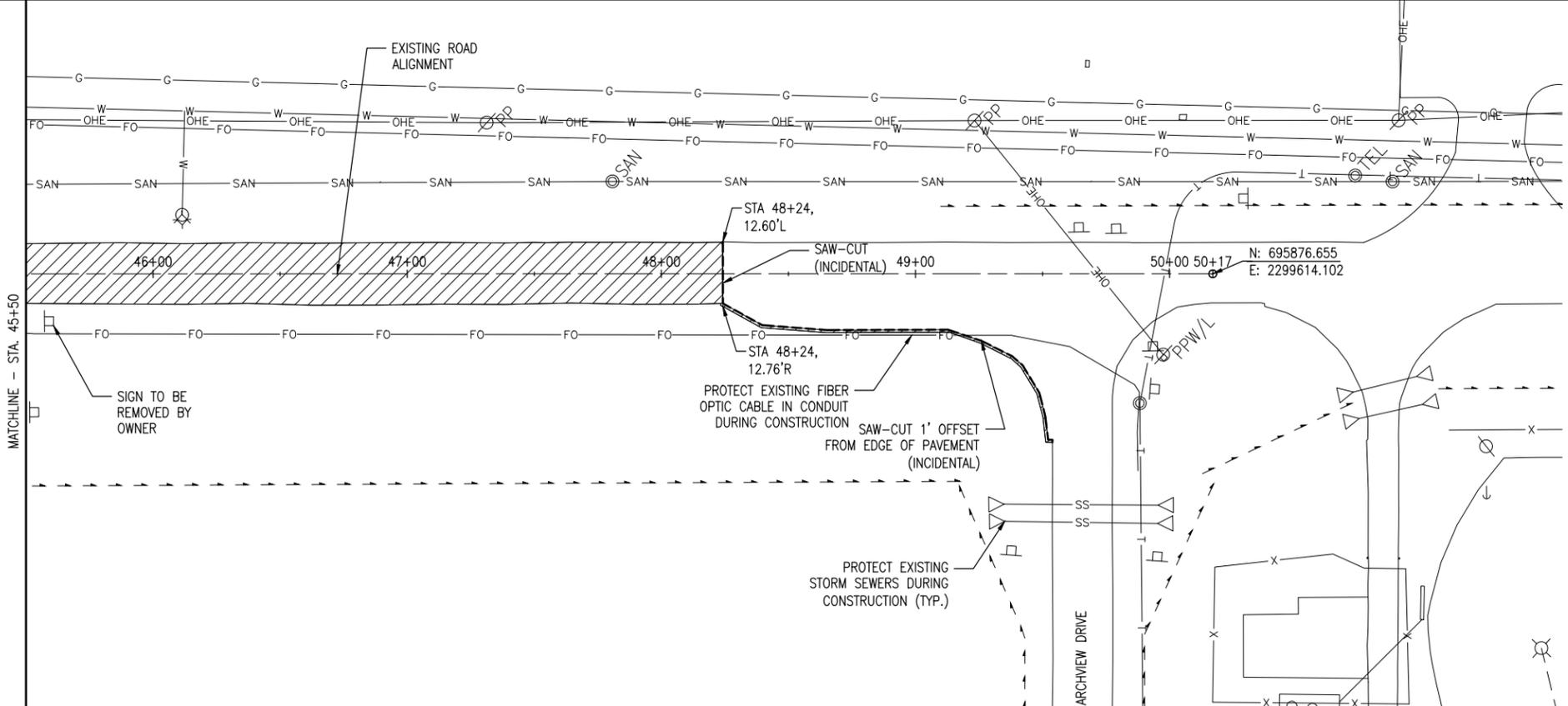


0' 15' 30' 60'
HALF SIZE SCALE: 1" = 60'
FULL SIZE SCALE: 1" = 30'

LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING PAVEMENT REMOVAL
- PROPOSED SAW-CUT

NOTE:
EXISTING PAVEMENT SECTION TO BE REMOVED IS
8" BITUMINOUS ON SUBGRADE.



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

SHEET TITLE

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



**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION

ISSUE: APRIL 20, 2018

PROJECT NO: 17A0070

CAD FILE: C-121-CON.DWG

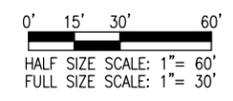
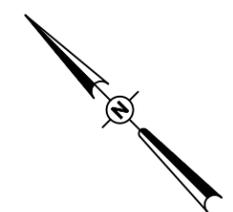
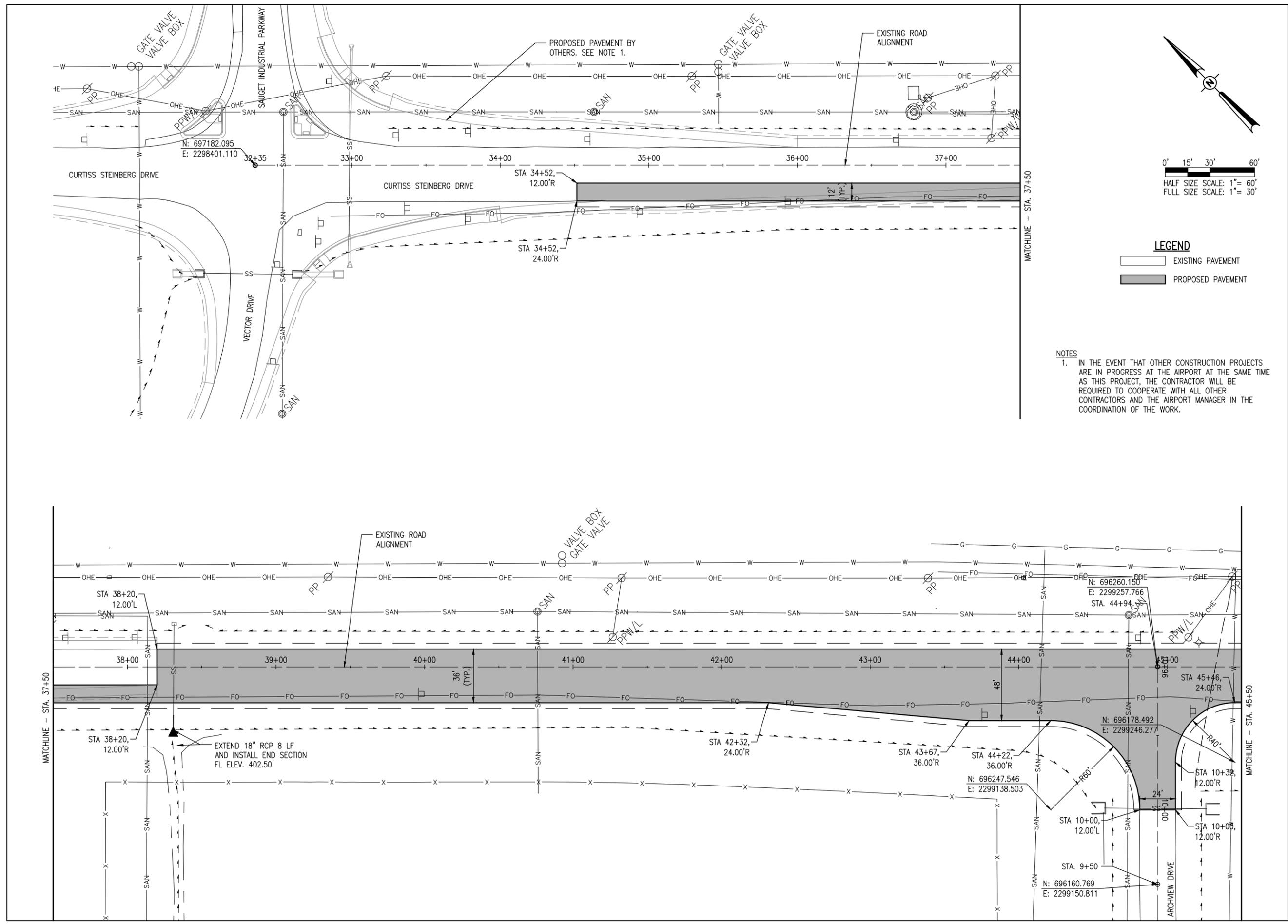
DESIGN BY: JRH 02/06/2018

DRAWN BY: JRH 02/06/2018

REVIEWED BY: BSS 04/20/18

SHEET TITLE

**PROPOSED
CONSTRUCTION
PLAN - STA. 32+35 TO
STA. 45+50**

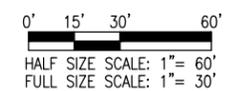
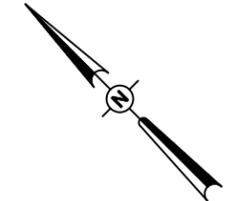


LEGEND

	EXISTING PAVEMENT
	PROPOSED PAVEMENT

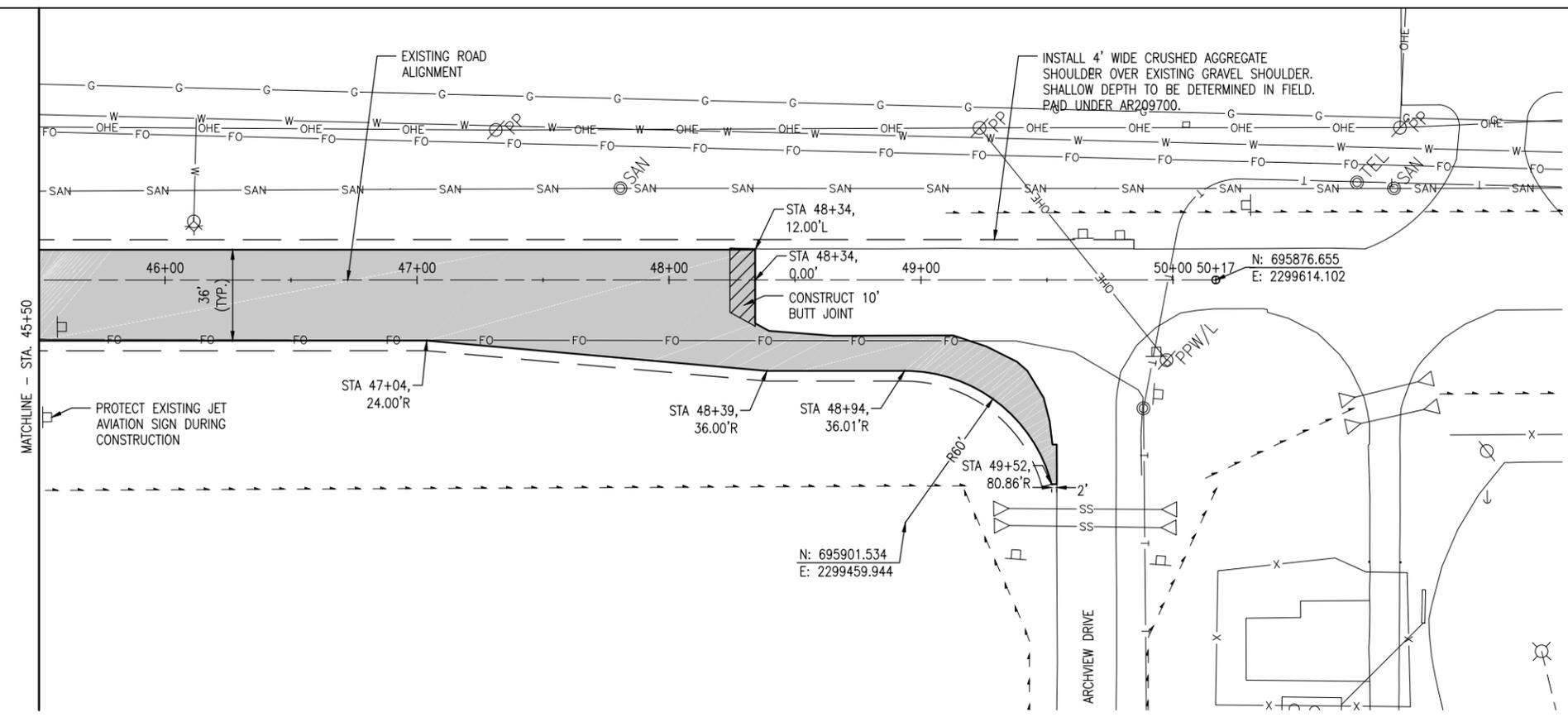
- NOTES**
1. IN THE EVENT THAT OTHER CONSTRUCTION PROJECTS ARE IN PROGRESS AT THE AIRPORT AT THE SAME TIME AS THIS PROJECT, THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH ALL OTHER CONTRACTORS AND THE AIRPORT MANAGER IN THE COORDINATION OF THE WORK.

APR 20, 2018 7:00 PM HERNDD01562
I:\17\JOBS\17A0070\17A0070\CAD\AIRPORT\121-CON.DWG



LEGEND
 EXISTING PAVEMENT
 PROPOSED PAVEMENT

NOTES
 1. IN THE EVENT THAT OTHER CONSTRUCTION PROJECTS ARE IN PROGRESS AT THE AIRPORT AT THE SAME TIME AS THIS PROJECT, THE CONTRACTOR WILL BE REQUIRED TO COOPERATE WITH ALL OTHER CONTRACTORS AND THE AIRPORT MANAGER IN THE COORDINATION OF THE WORK.



**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
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IDA No: CPS-4633

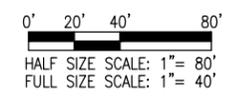
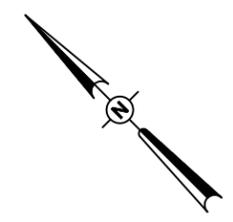
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 CAD FILE: C-121-CON.DWG
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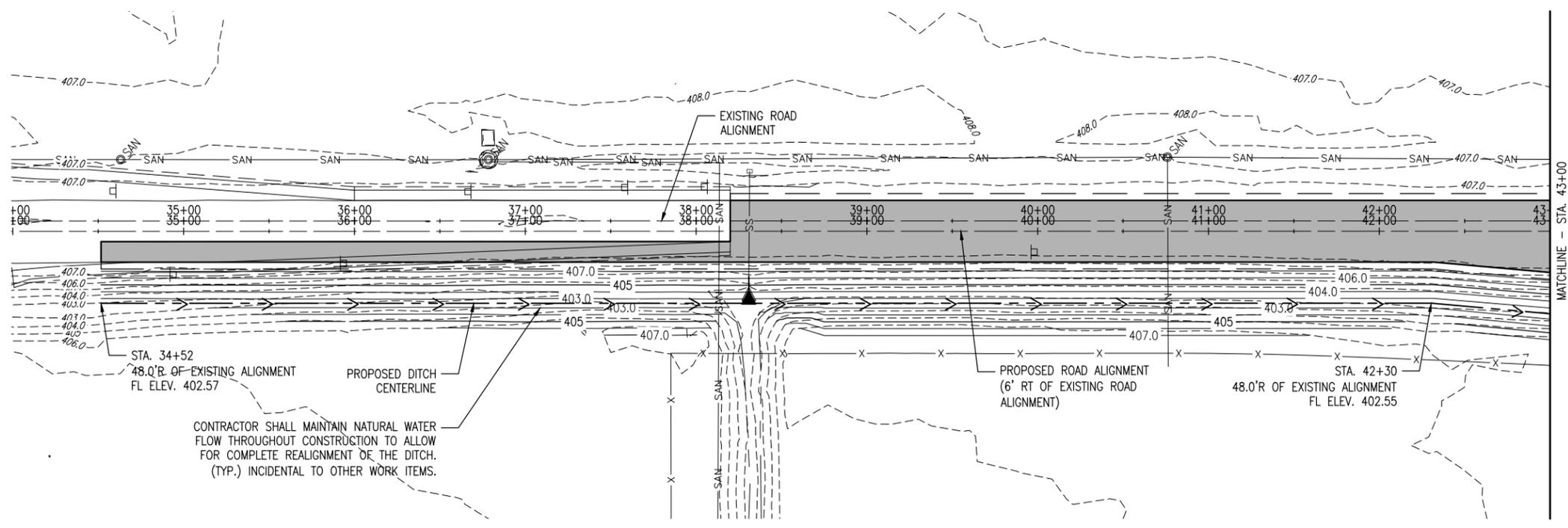
SHEET TITLE

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

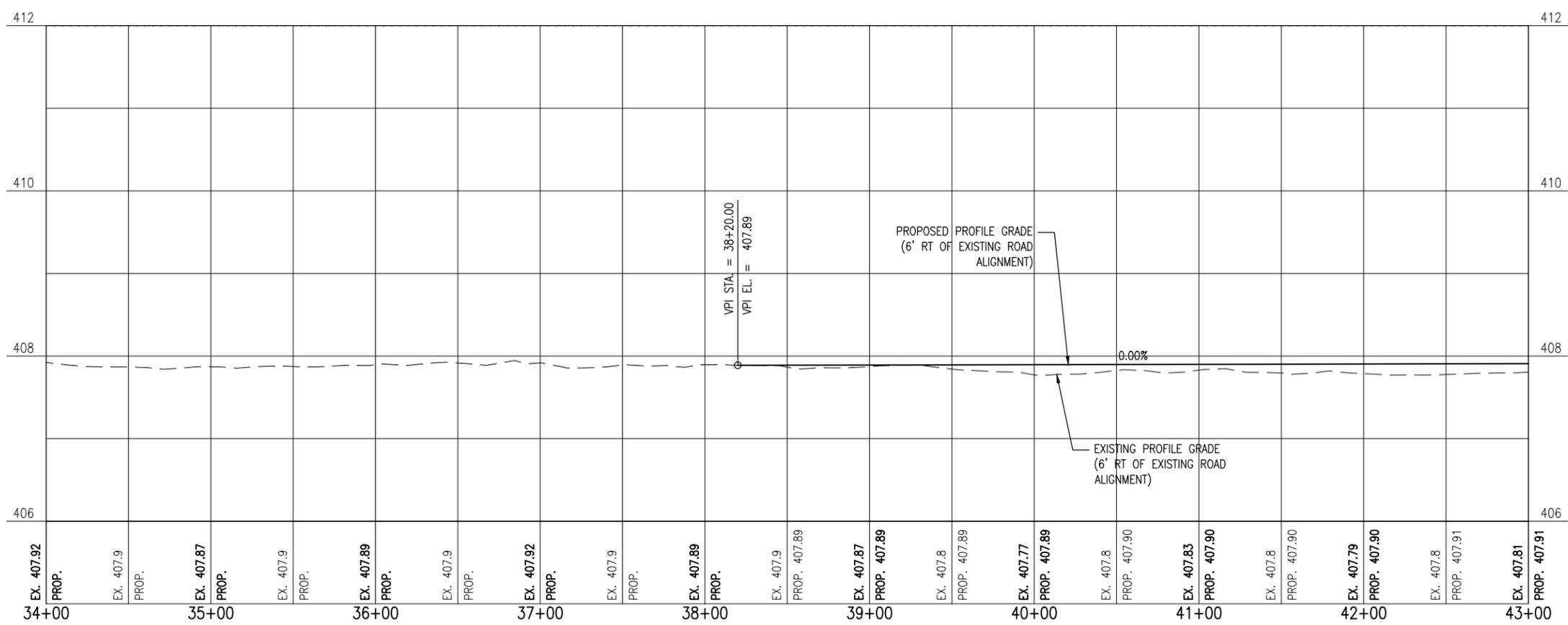


LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- 407.0 EXISTING CONTOURS
- 407.0 PROPOSED CONTOURS
- PROPOSED DITCH CENTERLINE



CONTRACTOR SHALL MAINTAIN NATURAL WATER FLOW THROUGHOUT CONSTRUCTION TO ALLOW FOR COMPLETE REALIGNMENT OF THE DITCH. (TYP.) INCIDENTAL TO OTHER WORK ITEMS.



**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
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IDA No: CPS-4633

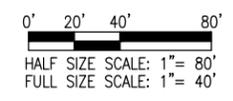
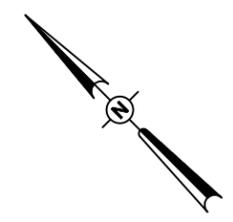
Contract No. SD059

NO.	DATE	DESCRIPTION

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070
CAD FILE: C-701-PNP.DWG
DESIGN BY: JRH 02/06/2018
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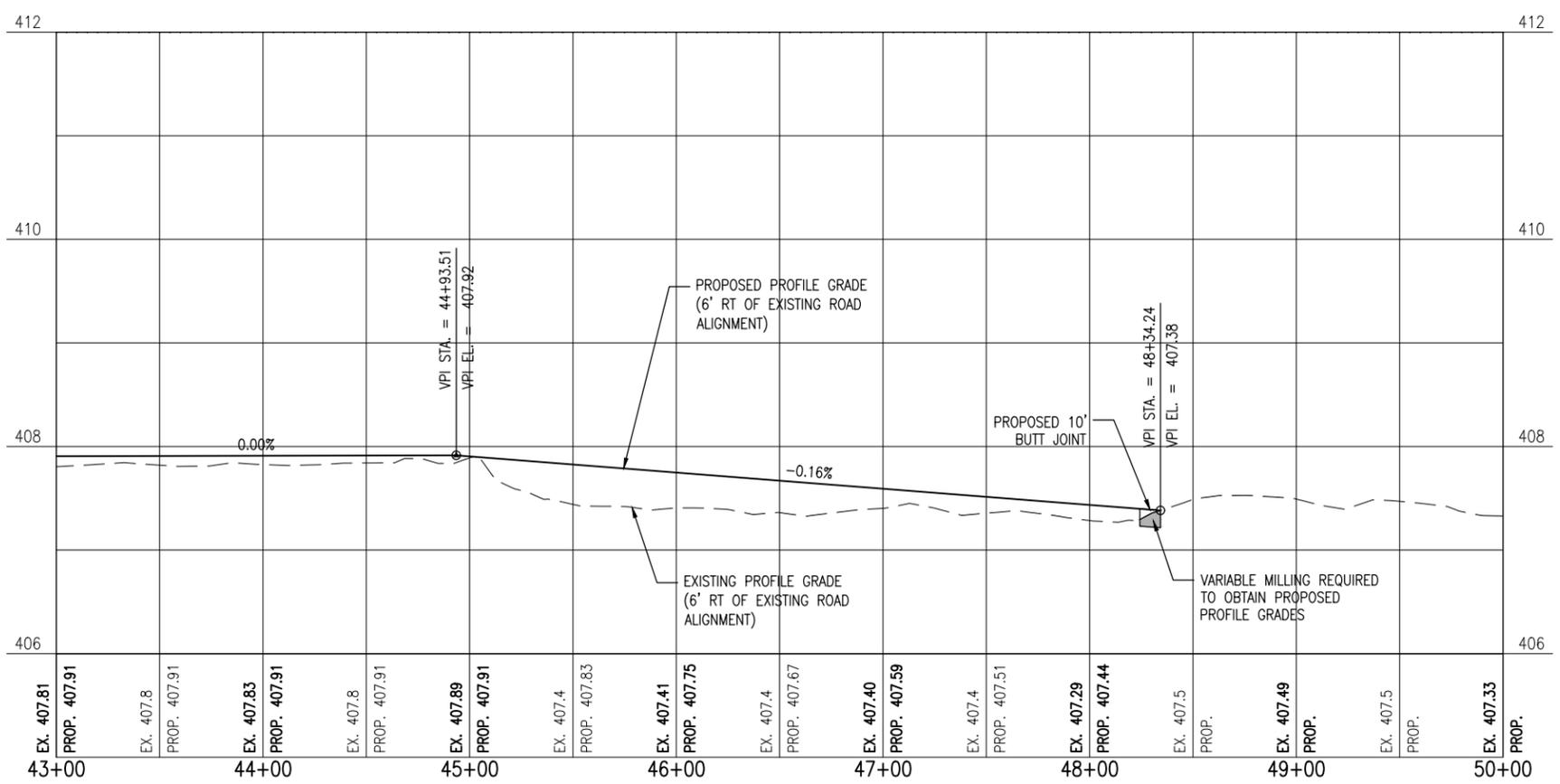
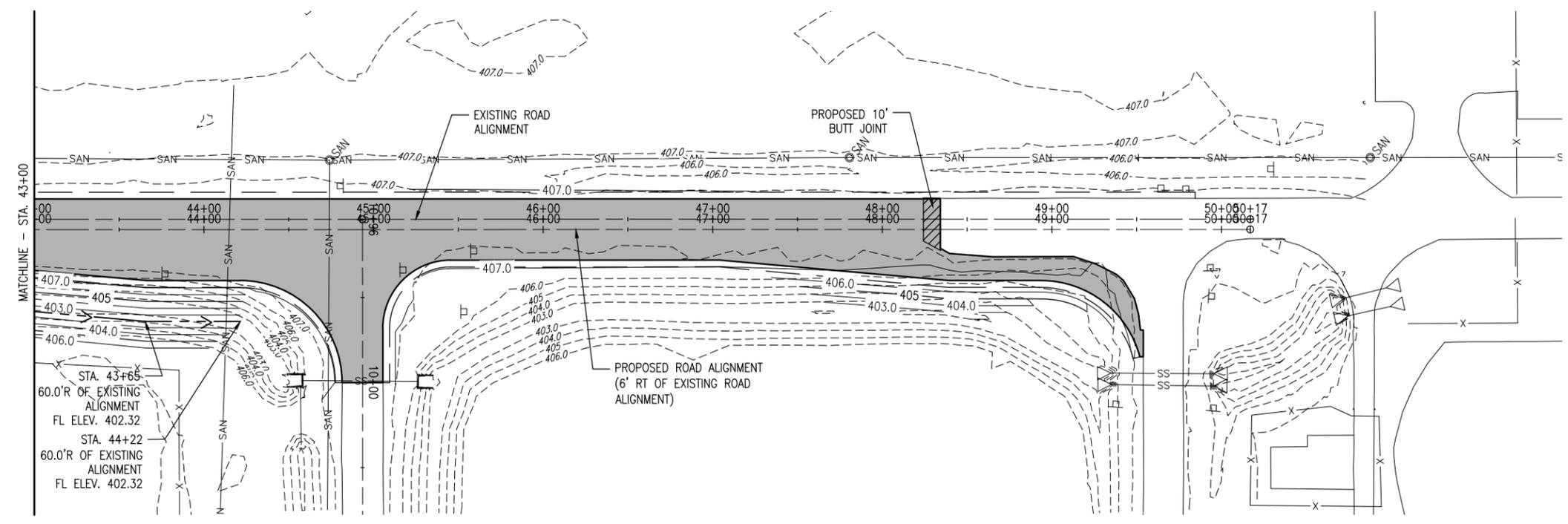
SHEET TITLE

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



LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- EXISTING CONTOURS
- PROPOSED CONTOURS
- PROPOSED DITCH CENTERLINE



EXP 11-30-19

**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

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**PROPOSED PLAN
AND PROFILE - STA.
43+00 TO STA. 50+00**



**ST. LOUIS
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Cahokia, IL 62206-1445



**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
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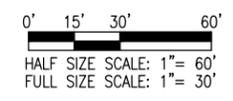
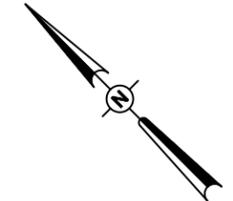
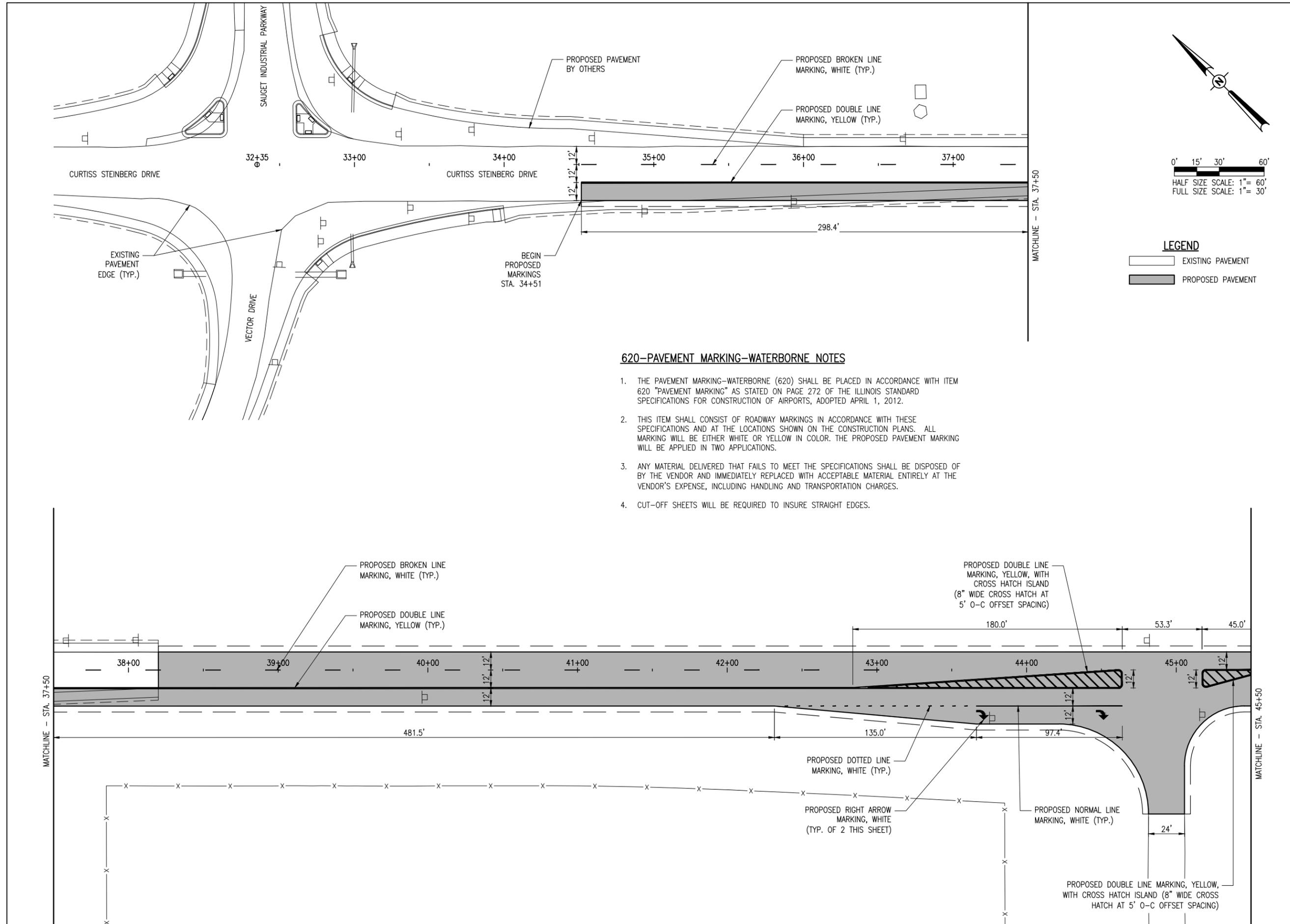
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



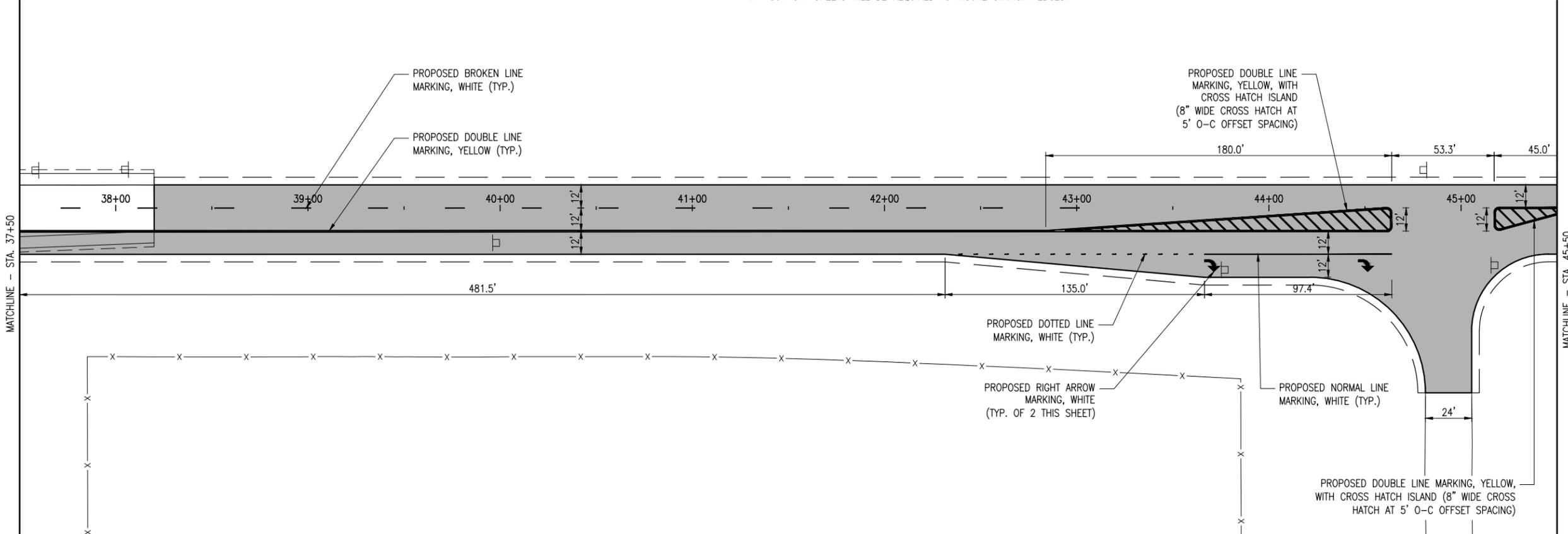
LEGEND

EXISTING PAVEMENT

PROPOSED PAVEMENT

620-PAVEMENT MARKING-WATERBORNE NOTES

1. THE PAVEMENT MARKING-WATERBORNE (620) SHALL BE PLACED IN ACCORDANCE WITH ITEM 620 "PAVEMENT MARKING" AS STATED ON PAGE 272 OF THE ILLINOIS STANDARD SPECIFICATIONS FOR CONSTRUCTION OF AIRPORTS, ADOPTED APRIL 1, 2012.
2. THIS ITEM SHALL CONSIST OF ROADWAY MARKINGS IN ACCORDANCE WITH THESE SPECIFICATIONS AND AT THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS. ALL MARKING WILL BE EITHER WHITE OR YELLOW IN COLOR. THE PROPOSED PAVEMENT MARKING WILL BE APPLIED IN TWO APPLICATIONS.
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.

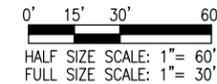
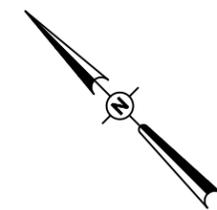
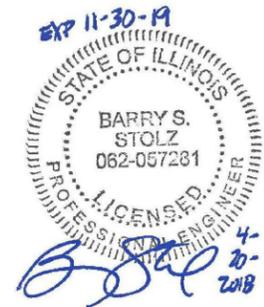


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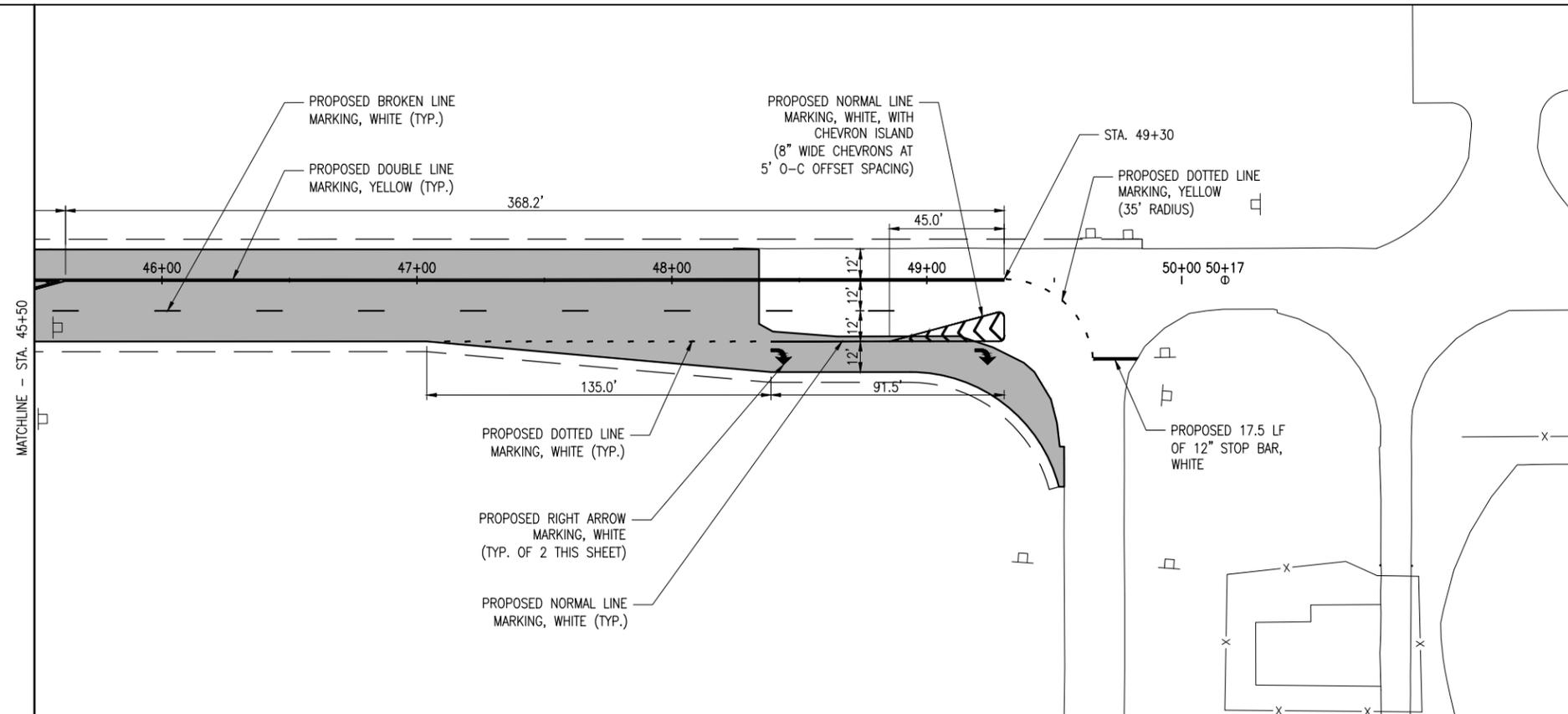
**ST. LOUIS
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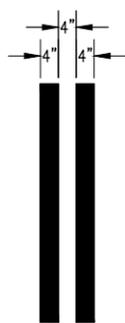


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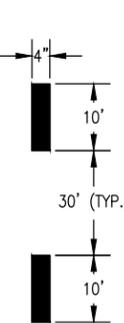
- EXISTING PAVEMENT
- PROPOSED PAVEMENT



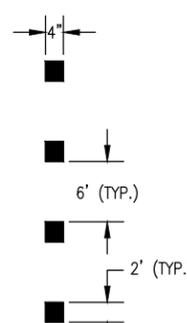
NORMAL LINE MARKING DETAIL
NOT TO SCALE



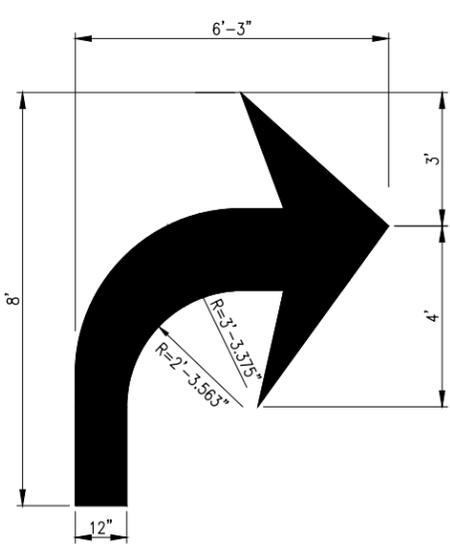
DOUBLE LINE MARKING DETAIL
NOT TO SCALE



BROKEN LINE MARKING DETAIL
NOT TO SCALE



DOTTED LINE MARKING DETAIL
NOT TO SCALE



RIGHT ARROW MARKING DETAIL
NOT TO SCALE
FROM FEDERAL HIGHWAY ADMINISTRATION
"STANDARD HIGHWAY SIGNS"

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**RECONSTRUCT
ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

IDA No: CPS-4633

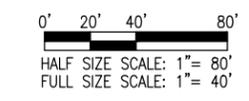
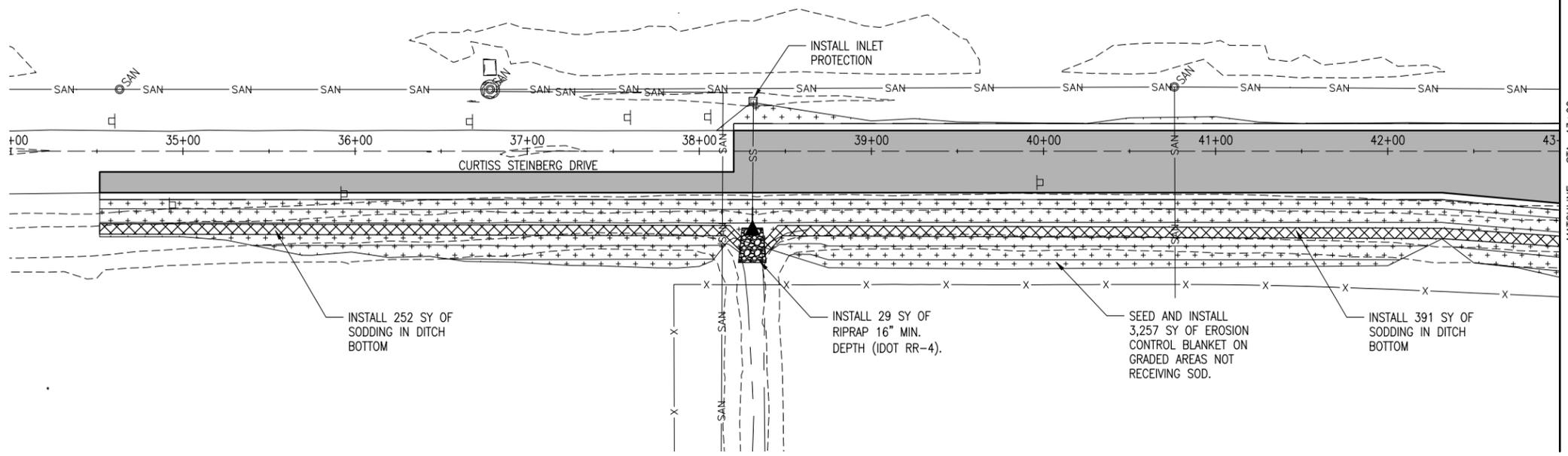
Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070
CAD FILE: C-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**



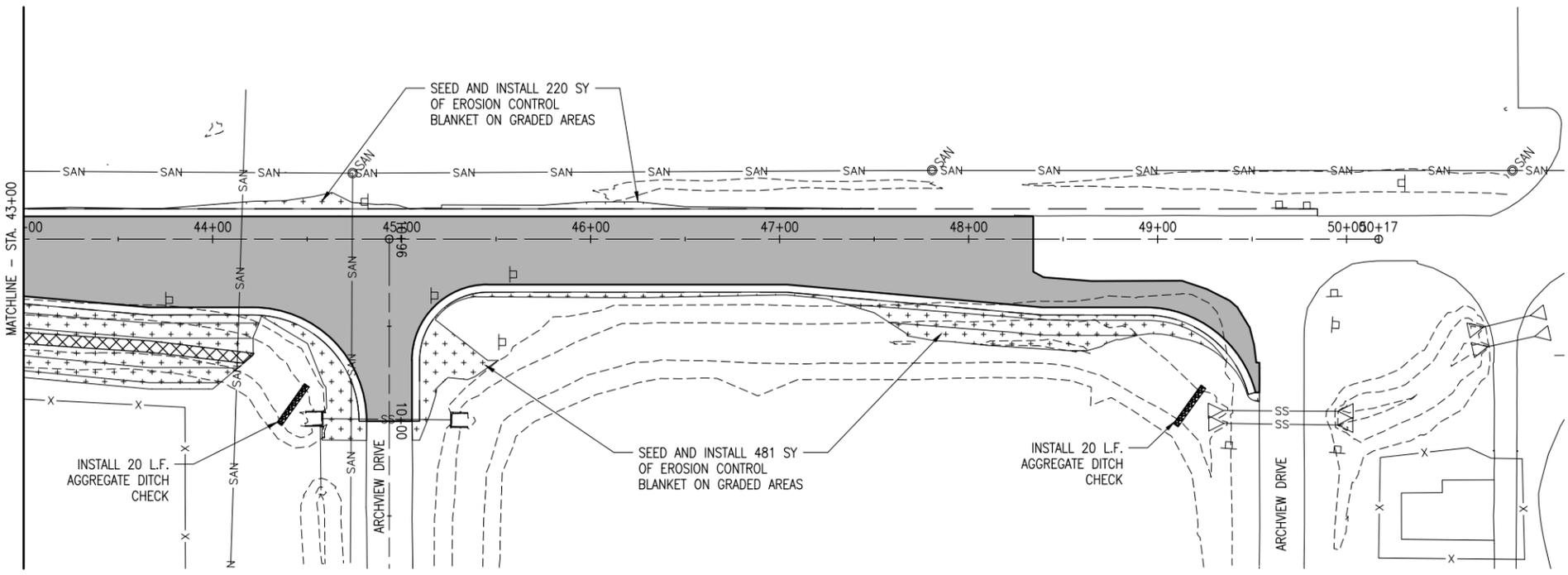
LEGEND

- EXISTING PAVEMENT
- PROPOSED PAVEMENT
- PROPOSED SODDING
- PROPOSED EROSION CONTROL BLANKET

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.

STORM WATER POLLUTION PREVENTION NOTES

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 CONTROL 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 ENGINEER TO ACCOUNT FOR ACTUAL SITE CONDITIONS EXPERIENCED DURING CONSTRUCTION. ADDITIONAL COMPENSATION FOR MEASURES EXCEEDING THE PLAN QUANTITIES WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH ITEM.
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.



**RECONSTRUCT
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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

REVIEWED BY: BSS 04/20/18

SHEET TITLE

**PROPOSED
STORMWATER
POLLUTION
PREVENTION PLAN**



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Bi-State Development Agency
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**RECONSTRUCT
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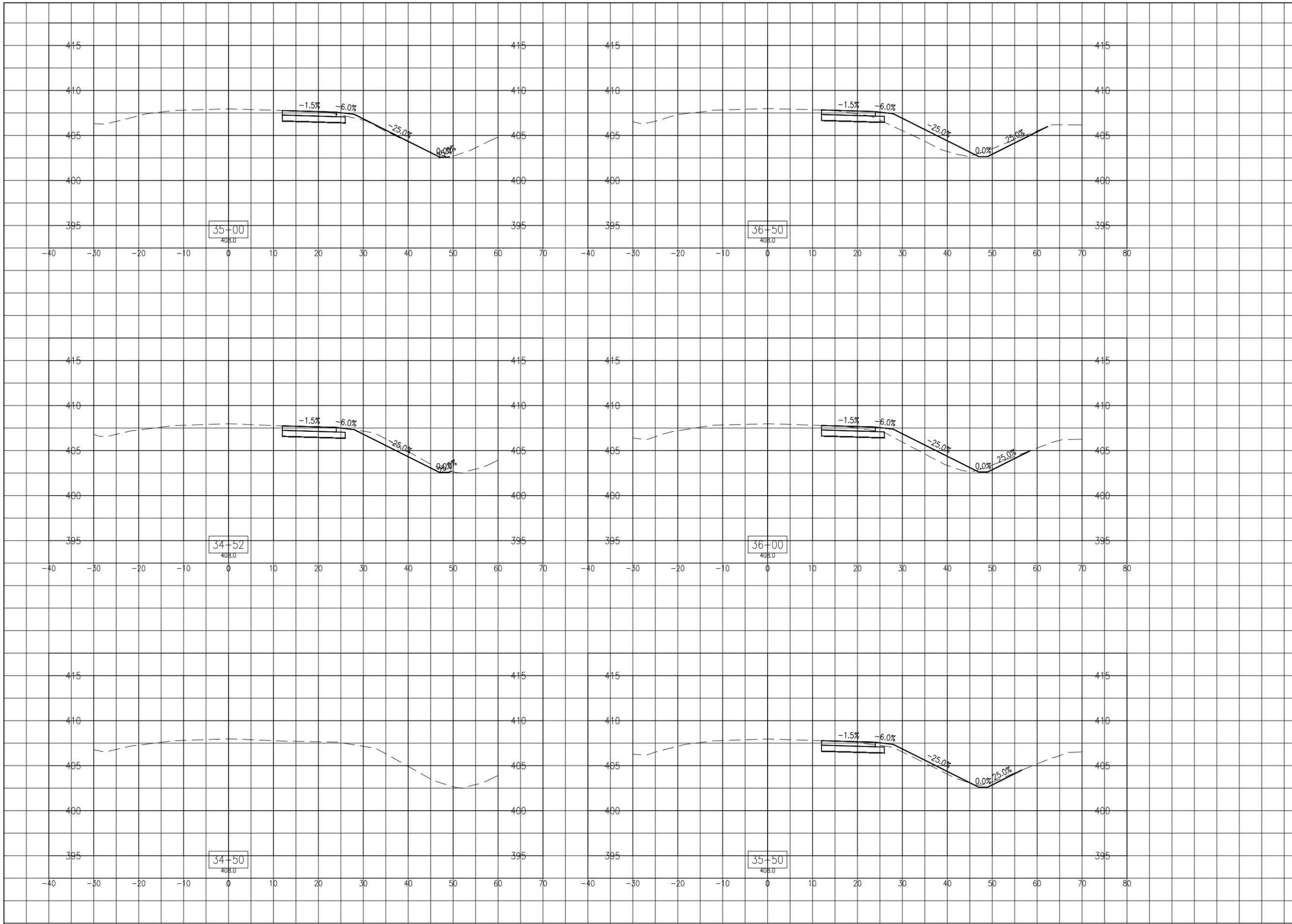
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



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**RECONSTRUCT
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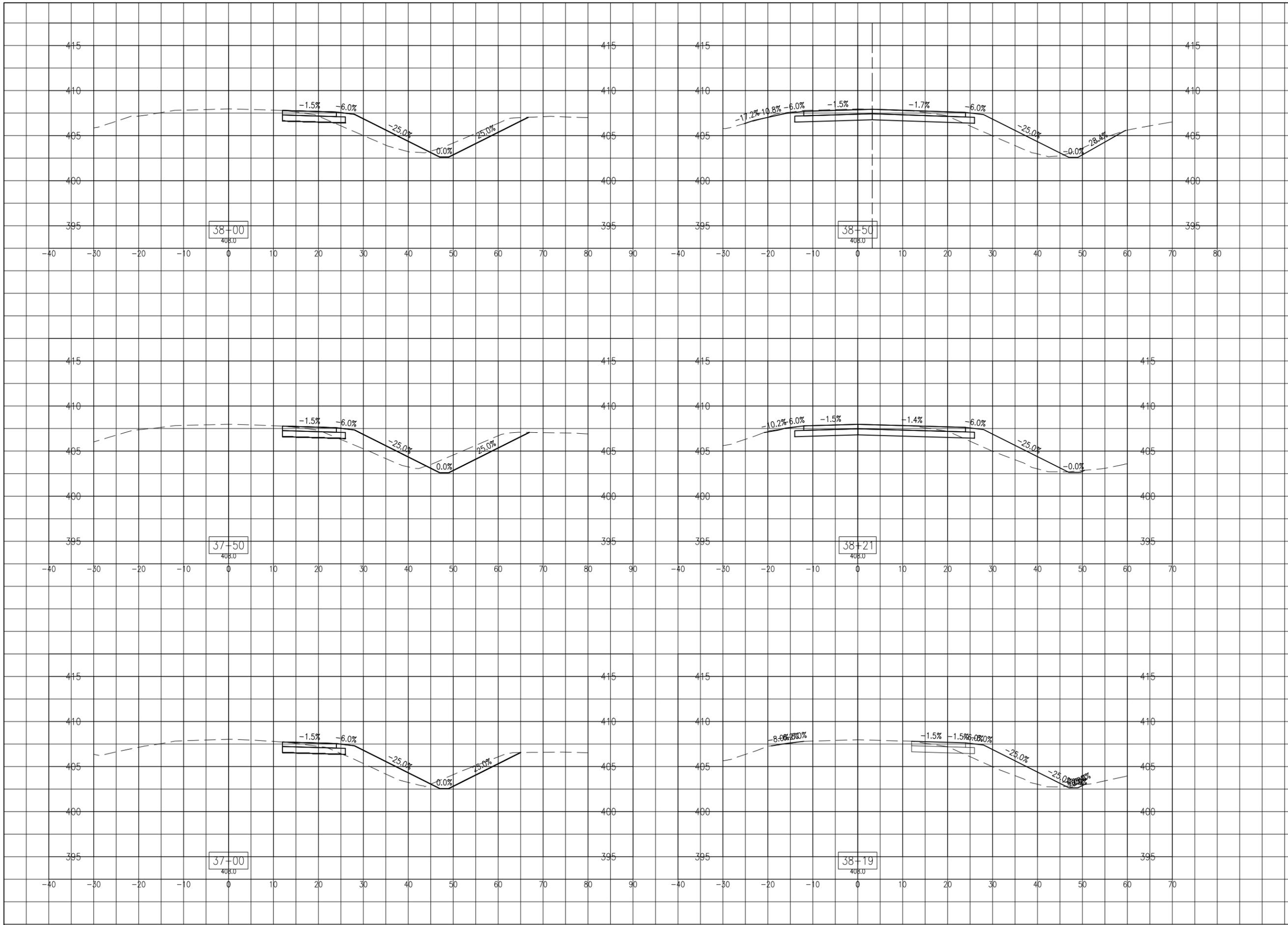
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



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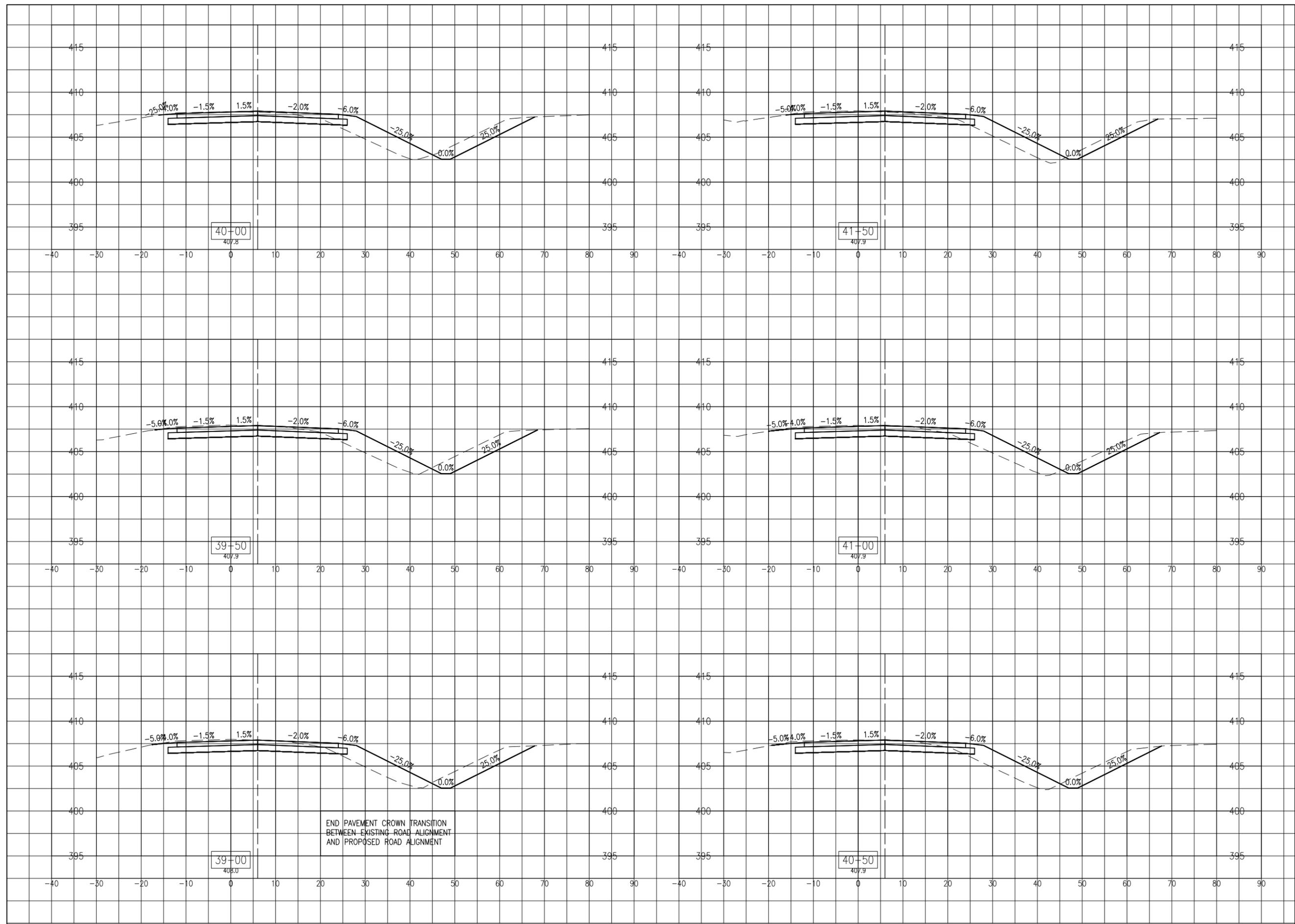
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Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



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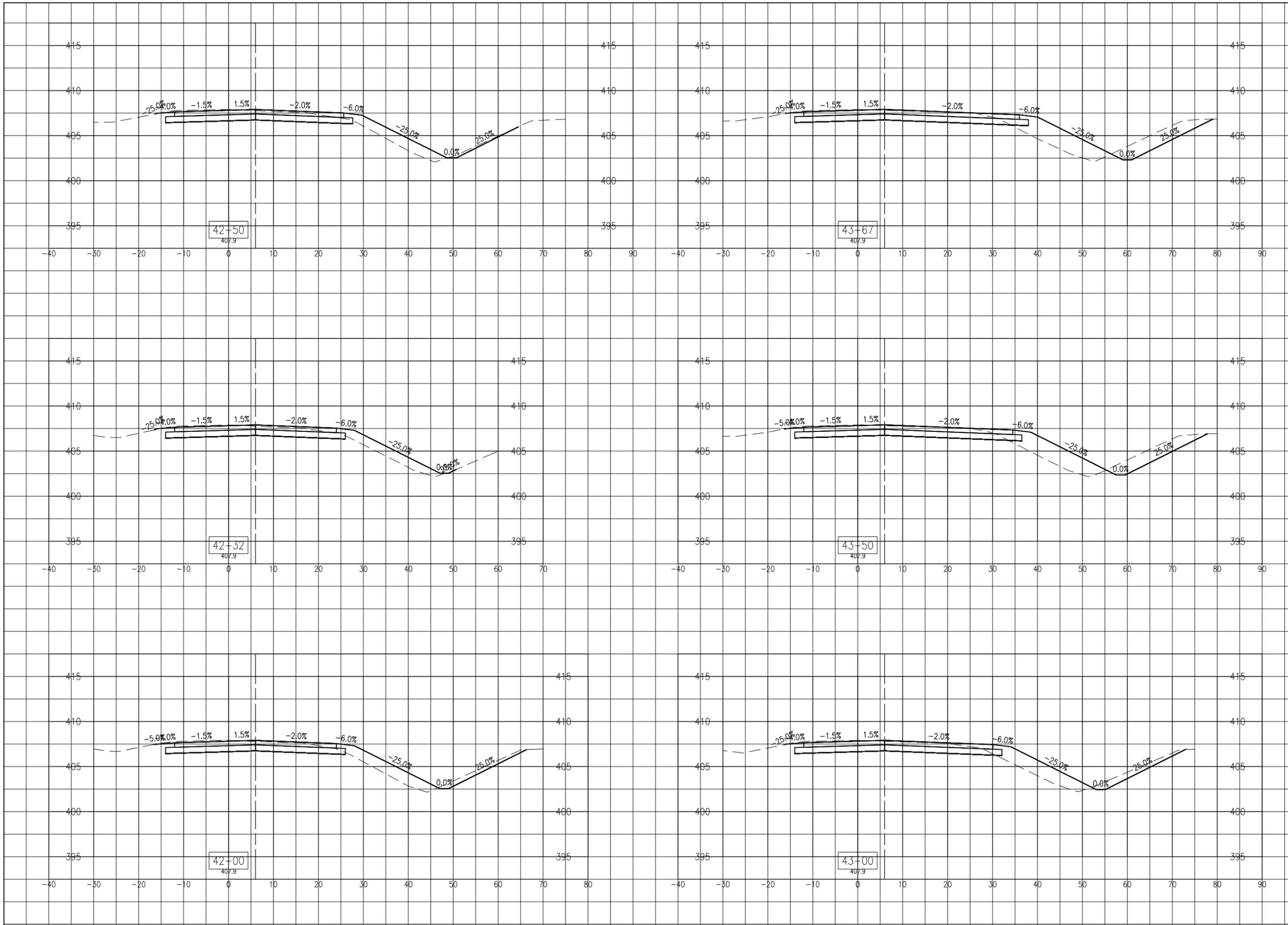
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Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

**PROPOSED CROSS
SECTIONS STA. 42+00
TO STA. 43+67**



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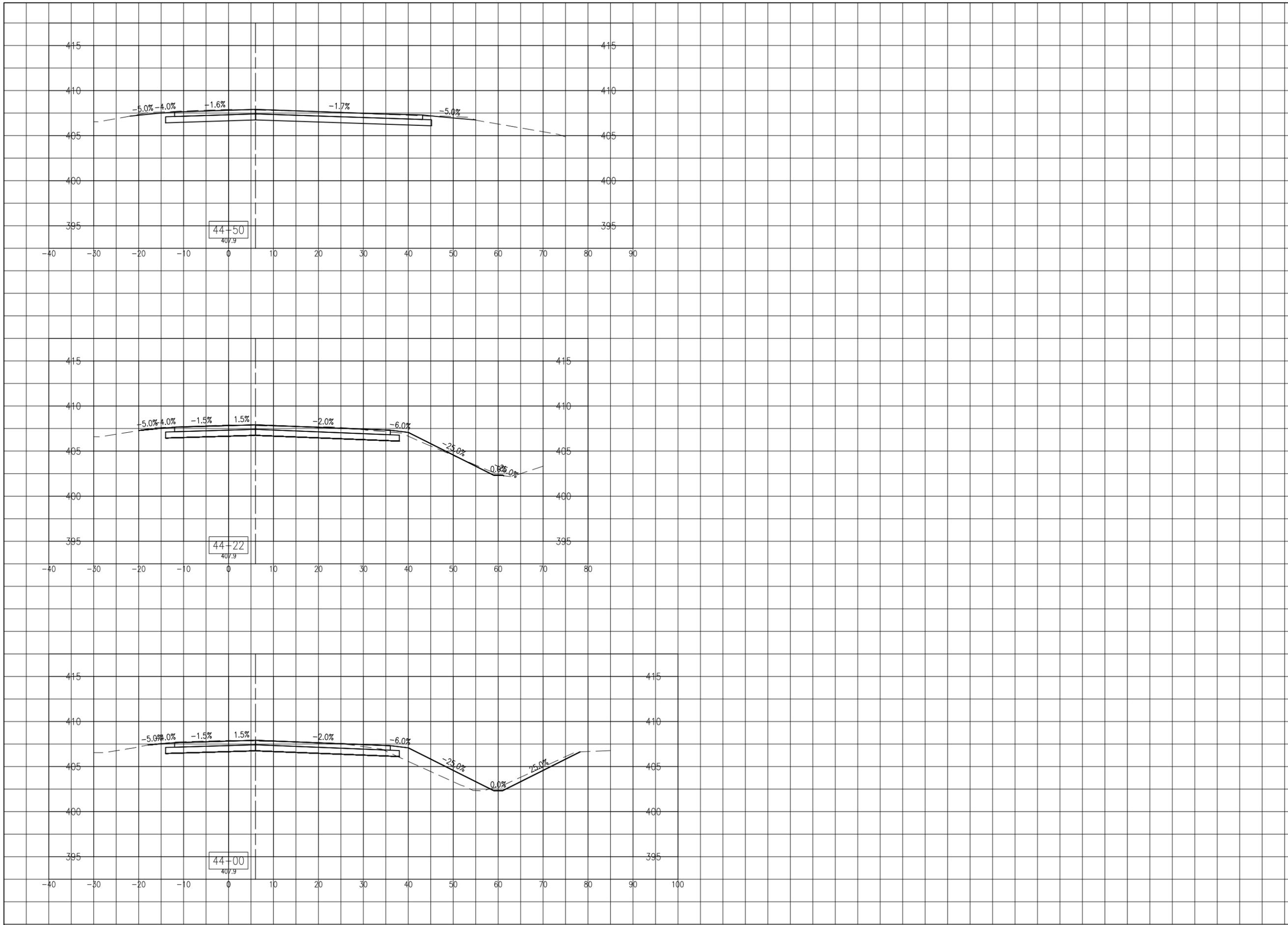
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
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SHEET TITLE

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

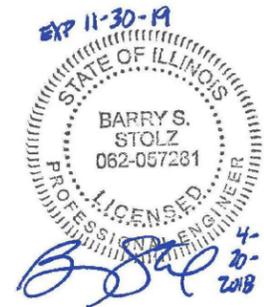


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IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 20, 2018

PROJECT NO: 17A0070

CAD FILE: C-301-XS.DWG

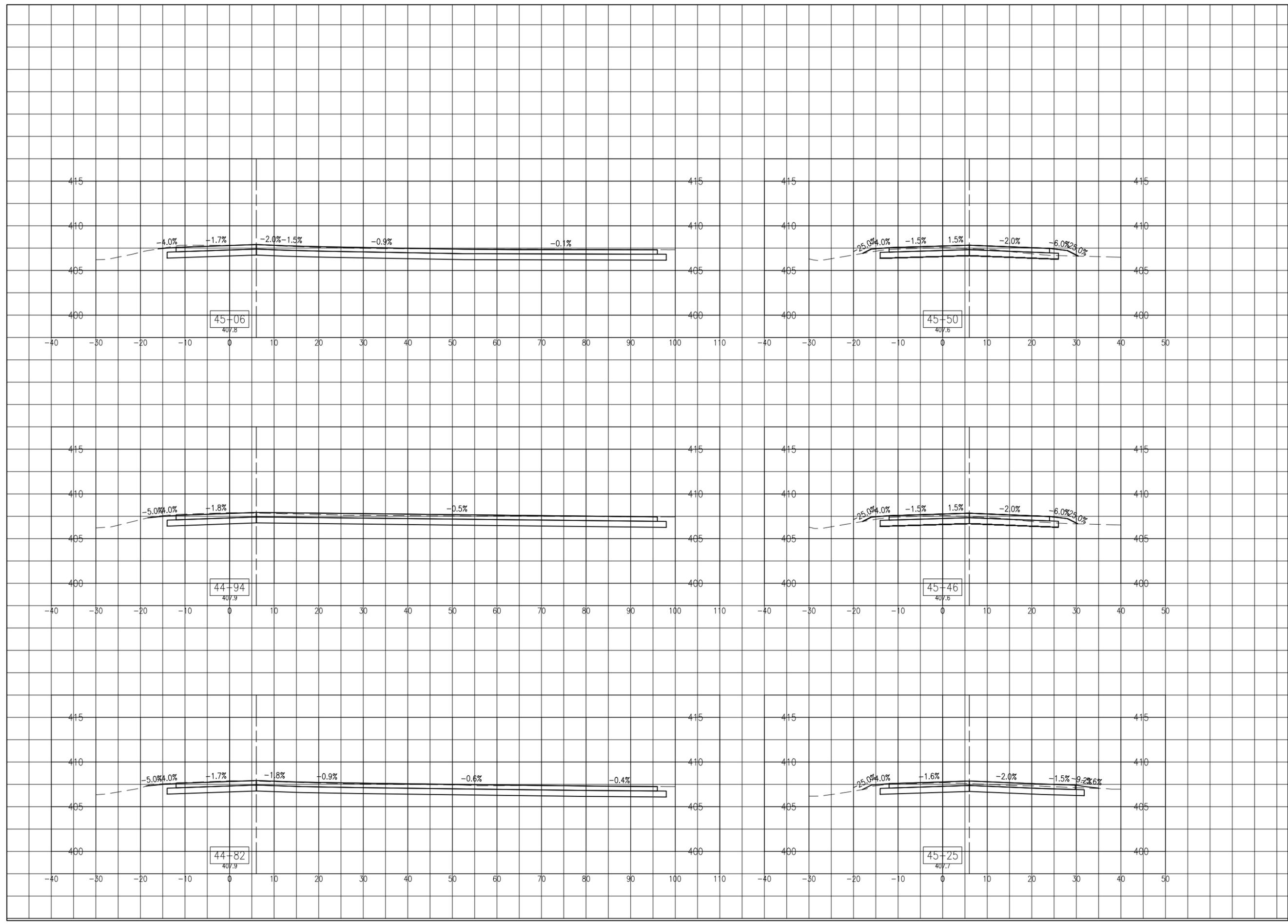
DESIGN BY: JRH 04/18/2018

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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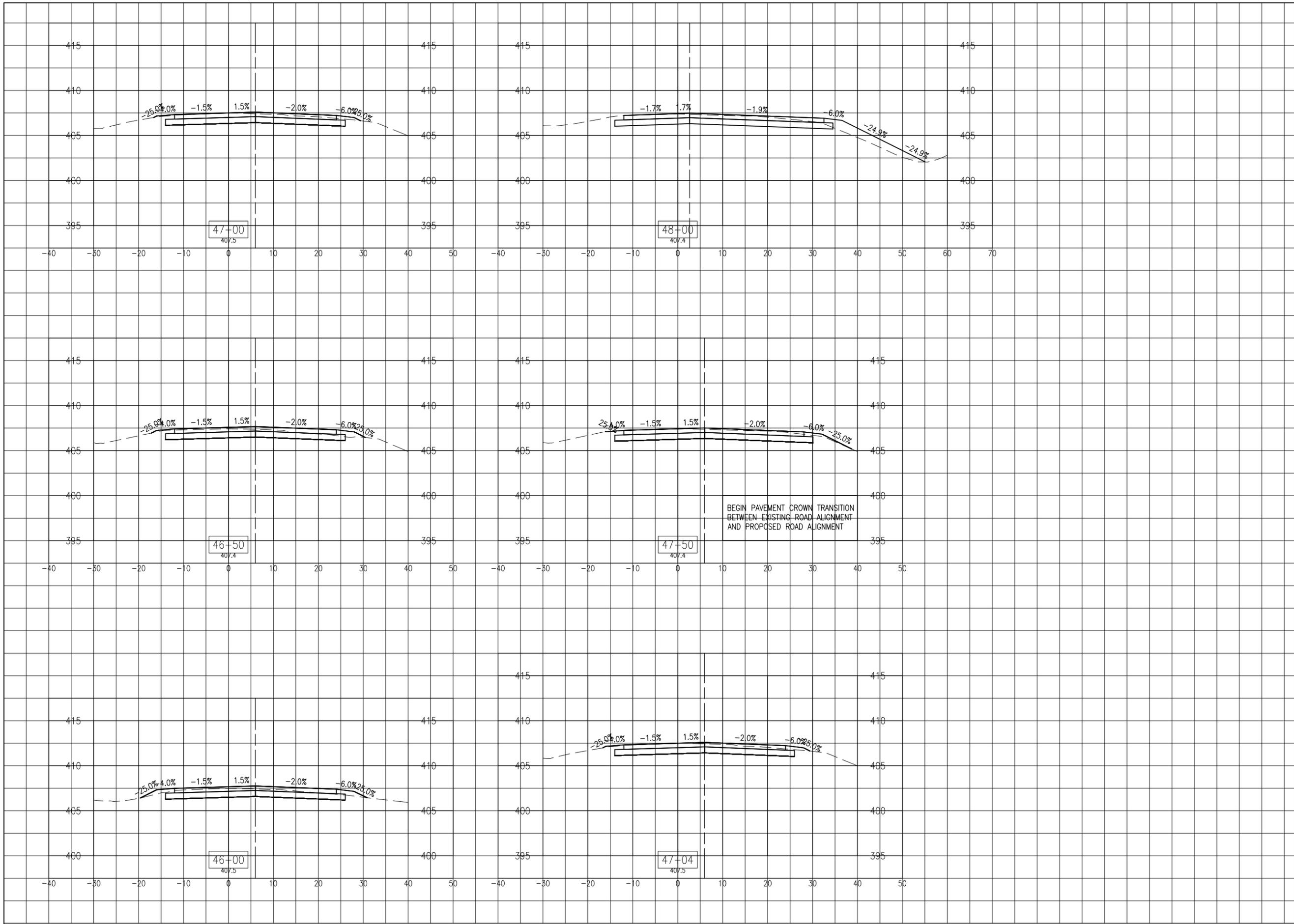
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Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



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**RECONSTRUCT
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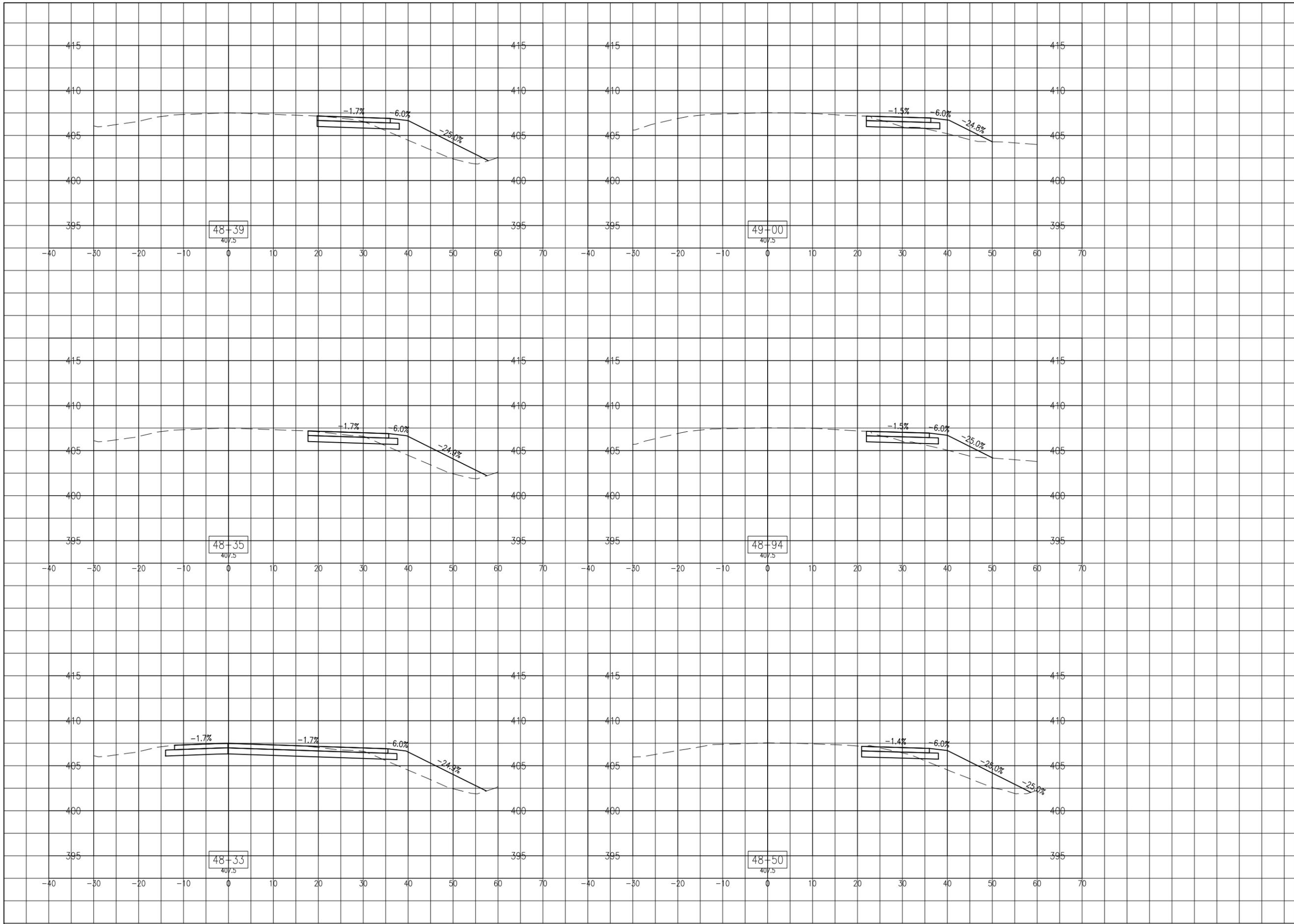
IDA No: CPS-4633

Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

SHEET TITLE

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



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ACCESS ROAD
(CURTISS STEINBERG
DRIVE)**

IDA No: CPS-4633

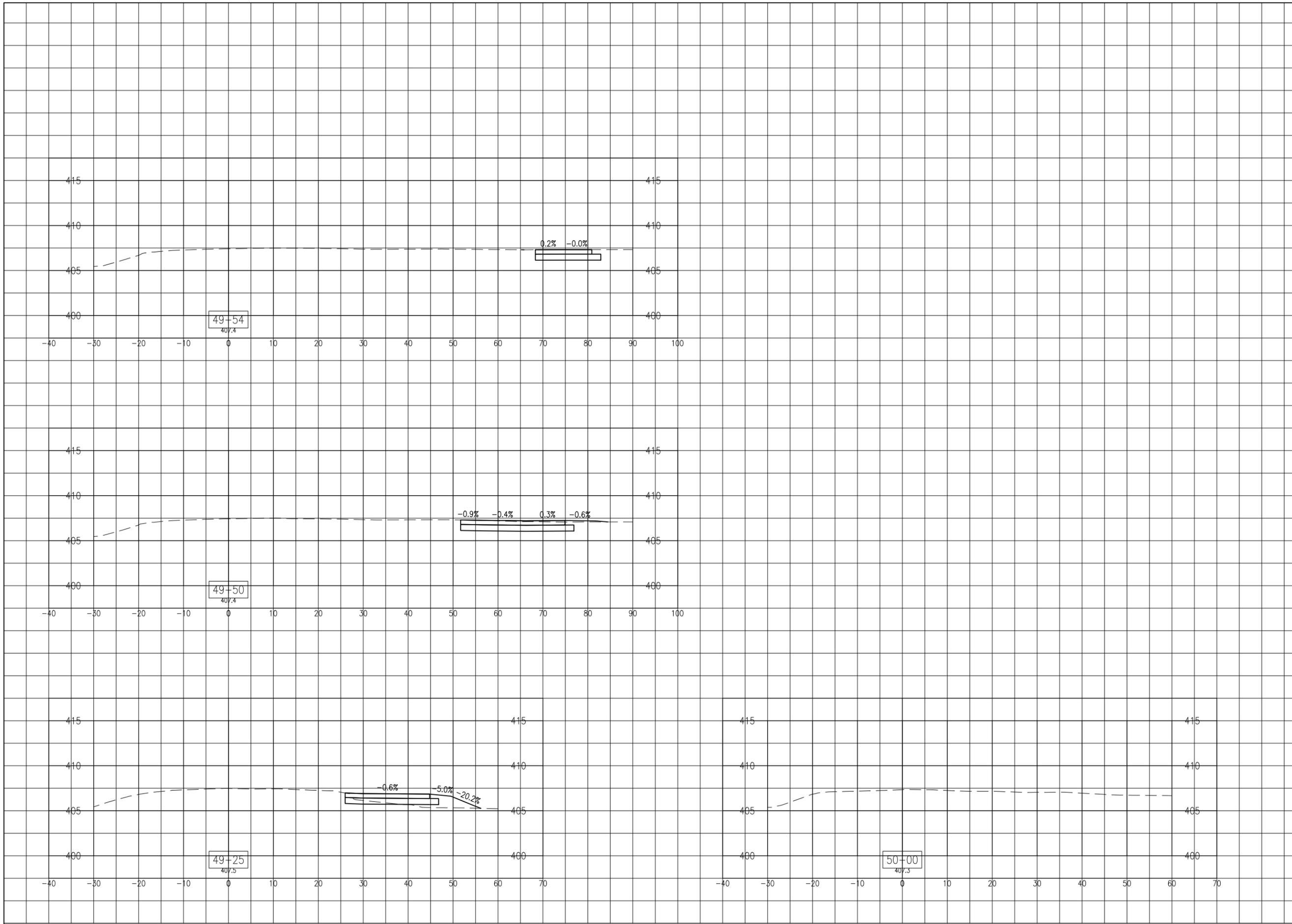
Contract No. SD059

NO.	DATE	DESCRIPTION		
		DES	DWN	REV

ISSUE: APRIL 20, 2018
PROJECT NO: 17A0070
CAD FILE: C-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.
49+25 TO STA. 50+00**



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