

**CITY OF STORM LAKE
REGULAR COUNCIL MEETING, CITY HALL
COUNCIL CHAMBERS
JANUARY 17, 2022
5:00 PM**



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

AGENDA

ACCESS TO THE OFFICIAL MEETING CAN ALSO BE DONE THROUGH THE FOLLOWING WAYS:

BY TELEPHONE:

Dial: 1-312-626-6799 or toll-free: 1-888-475-4499
Zoom Meeting ID: 933-2006-3301

BY COMPUTER:

<https://zoom.us/j/93320063301>

- A. Pledge of Allegiance
- B. Consideration of Changes in Agenda and Setting the Agenda
- C. Disclosure by City Council Members
- 1. Hear the Public
- 2. Consent Agenda
 - A. Approve Consent Agenda
 - B. Buy Local Information
 - C. SLPD City Code Enforcement Summary
- 3. Public Hearing for Fiscal Year 2023-2027 Capital Improvement Plan
- 4. Resolution No. 57-R-2021-2022 Approving FY 2023-2027 Capital Improvement Plan
- 5. Motion to Set Public Hearing on Setting Tax Levy Rate and Maximum Property Tax Dollars
- 6. Ordinance No. 08-O-2021-2022 Amending the Zoning Ordinance For Proposed Re-Zoning Of A Parcel Located At 1012 HWY 110 - 2nd Reading
- 7. Motion To Approve The Engineering Agreement With ISG for Storm Lake Elevated Water Storage - Tower No. 5 Project
- 8. Motion Setting the Public Hearing for the Highway 7 & 110 Intersection Upgrade Project Plans, Specifications, and Form of Contract
- 9. Motion to Approve Amendment No. 2 With The Iowa Department of Agriculture and Land

Stewardship (IDALS) Urban Conservation Water Quality Initiative Project- Storm Lake Community School District Courtyard Project

10. **Resolution No. 58-R-2021-2022 Approving Final Completion, Change Order No. 2, and Final Payment for the Storm Lake Community School District Courtyard Project**
11. **Work Session- King's Pointe Update**
12. **Work Session- Request To Allow All-Terrain Vehicles (ATV) And/Or Off-Road Utility Vehicles (UTV) On Approved Roadways In Storm Lake City Limits**
13. **City Council Requested Items**
14. Adjourn

Meeting Protocol

If you wish to speak today, please:

1. To speak on an agenda item please approach the podium when that agenda item is called and upon recognition by the Mayor identify yourself by stating your name and address.
2. If your issue is not a topic on the agenda please approach the podium under the "Hear the Public" agenda item and upon recognition by the Mayor identify yourself by stating your name and address.
3. Please keep your remarks to three (3) minutes or less.
4. If you require accommodation for this meeting including but not limited to translation services, hearing assistance, or accessibility please contact the City Clerk at least four (4) hours prior to the start of the meeting.

**If you have concerns about any of the items on the consent agenda, they may be separated from the consent agenda and voted on individually.*

***Ordinances may be read at three consecutive meetings or readings may be waived and ordinances may be passed at only one or two meetings.*



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Staff Summary

1/17/2022

Agenda Item # B.



City of Storm Lake
PO Box 1086
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REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: Consideration of Changes in Agenda and Setting the Agenda

BACKGROUND:

FISCAL IMPACT:

RECOMMENDATION:

Staff Summary

1/17/2022

Agenda Item # C.



City of Storm Lake
PO Box 1086
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REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: Disclosure by City Council Members

BACKGROUND:

FISCAL IMPACT:

RECOMMENDATION:

Staff Summary

1/17/2022

Agenda Item # A.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Mayra Martinez, City Clerk

SUBJECT: **Approve Consent Agenda**

BACKGROUND: The Consent Agenda Includes:

- List of bills for approval
- King's Pointe and Sunrise Pointe disbursements for approval
- Approve the January 3, 2022 City Council Minutes
- Approve the January 11, 2022 Special City Council Minutes
- Acknowledge the Library November 2021 Minutes
- Acknowledge the Airport November 2021 Minutes
- Approve Wilmar Flores Board of Appeals Application 2022 - 3 year term
- Approve Renewal Liquor License for BLP Phonpei Market and Poor Red's (pending dram shop insurance)
- Approve the SLPD Code Enforcement Summary (see staff summary)

FISCAL IMPACT: The City will pay the following expenditures:

- List of Bills - - \$633,101.97
- King's Pointe & Sunrise Pointe Golf Course Bills: \$94,963.01

The City will receive the following revenues:

- Liquor License Renewals -- \$1045.00

RECOMMENDATION: Approve Consent Agenda

ATTACHMENTS:

Description	Type
☐ List of Bills	List of Bills
☐ King's Pointe Claims	List of Bills
☐ Minutes - January 3, 2022	Minutes
☐ Minutes - January 11, 2022 Special	Minutes
☐ Library Minutes - November 8, 2021	Minutes

📁	Airport Minutes - November 8, 2021	Minutes
📁	Wilmar Flores - Board of Appeals Application 2022	Application
📁	BLP Pohnpei Liquor Application 2022	Application
📁	BLP Pohnpei Liquor Report 2022	Backup Material
📁	Poor Red's Liquor Application 2022	Application
📁	Poor Red's Liquor Report 2022	Backup Material



Storm Lake, IA

My Buy Local_v1

Payment Date Range: 01/06/2022 - 01/19/2022

Vendor Name	Buy Local Info	Payable Description	Total Payments
BVC			
Mike's Electronics Inc	BVC	Sludge Thickener Services	2,266.97
Control System Specialists, LLC	BVC	Boiler Repairs	1,497.08
Mike's Electronics Inc	BVC	Memorial MCC Changeout	815.78
Buena Vista County Attorney	BVC	Forfeiture Fees (21-010581)	254.63
Mike's Electronics Inc	BVC	Well 11 Heater Repairs	525.64
Buena Vista County Solid Waste	BVC	Recycling	96.92
Buena Vista County Recorder	BVC	December 2021 Recording Fees	12.00
		BVC Total:	5,469.02
Contract/Agreement			
Bolton & Menk, Inc	Contract/Agreement	Pre-Application Services	89,874.00
Molitor Construction LLC	Contract/Agreement	Pay #3 FINAL (Less Retainage) of SLHS Courtya	19,130.26
Bolton & Menk, Inc	Contract/Agreement	Final Design Services	22,416.88
Power Solutions, Inc	Contract/Agreement	Pay #9 of WTP MCC	6,477.19
Local Government Professionals Services, Inc	Contract/Agreement	Grant Admin Services	2,000.00
Bolton & Menk, Inc	Contract/Agreement	Construction Admin	1,162.50
Reding's Gravel & Excavating Co., Inc	Contract/Agreement	Transportation Services	980.98
I & S Group, Inc	Contract/Agreement	Construction Admin	425.00
Smith Concrete Service Inc	Contract/Agreement	Concrete	381.00
Reding's Gravel & Excavating Co., Inc	Contract/Agreement	Rock	821.00
		Contract/Agreement Total:	143,668.81
Local			
Growmark, Inc	Local	Fuel	11,375.40
Alliant Energy	Local	Gas Services	10,473.87
Jim Bartholomew	Local	January 2022 Airport Contract	5,783.97
Wiese Plumbing & Heating, Inc	Local	Bottle Filler Installation	4,495.00
Rebnord Technologies, Inc	Local	IT Service Agreement	3,583.12
Verizon Wireless Services LLC	Local	Cell Phone Service	3,480.08
Rebnord Technologies, Inc	Local	Lighthouse Switch Replacement	3,349.90
Philip E Havens	Local	Legal Services	2,612.42
Hy-Vee, Inc	Local	ILEA Meals 2022	2,121.12
Long Lines	Local	Fax Line & Emergency Line Service	1,510.39
Arnold Motor Supply, LLP	Local	Supplies	1,163.75
Central Bank	Local	Supplies	947.67
Siouxland Certified Testing Services, Inc	Local	Testing Services	685.00
Storm Lake Ace Hardware	Local	Supplies	612.63
Wiese Plumbing & Heating, Inc	Local	Urinal Repairs	475.87
Color-ize Inc	Local	Quarterly Books	453.16
Michael P. Reinert	Local	Snow Blower Repairs	300.00
Fastenal Company	Local	Locks	275.76
Michael P. Reinert	Local	Mower Shaft Repairs	240.00
Color-ize Inc	Local	Waste Water Books	208.30
Rust Publishing NWIA, LLC	Local	Publications	170.68
Visual Edge Inc	Local	Copier Maintenance Agreement	165.27
Qwest Corporation	Local	Phone Service	131.37
Dianne Johnson	Local	Ozzy Checkup & Bd & Disp of Dogs	120.00
Graham Tire	Local	Tire Repairs	105.84
Dennis R Julius	Local	Cleaning Services	80.40
Kelly Johnson	Local	December 2021 Punches	80.00
Iowa Office Supply Inc	Local	Name Plates	77.50
Dennis R Julius	Local	Entrance Mat Services	75.00
Rust Publishing NWIA, LLC	Local	2022 Subscription PD	65.00
The Bridge of Storm Lake	Local	Supplies	60.34
Visual Edge Inc	Local	Copier Maintenance Agreement	141.14

My Buy Local_v1

Payment Date Range: 01/06/2022 - 01/19/2022

Vendor Name	Buy Local Info	Payable Description	Total Payments
Michael P. Reinert	Local	Handles	32.68
Culligan Water Storm Lake	Local	Water Supplies	48.60
Iowa Office Supply Inc	Local	Supplies	17.45
Culligan Water Storm Lake	Local	Water Supplies	16.50
Iowa Office Supply Inc	Local	Office Supplies	8.72
Culligan Water Storm Lake	Local	Service Charge	0.50
		Local Total:	55,544.40
Non-Local			
Van-Wall Equipment, Inc	Non-Local	Fairway Hover Mover	52,599.84
Eastern Aviation Fuels, Inc	Non-Local	Jet Fuel	22,768.34
In Situ Archaeological Consulting LLC	Non-Local	Fieldwork	17,771.49
Power Plan	Non-Local	Grader Repairs	15,532.18
Municipal Pipe Tool Co., LLC	Non-Local	Pay #FINAL of Exp Blvd Sewer Rehab	11,290.35
Winther, Stave & Co., LLP	Non-Local	Audit Services	10,000.00
SCE, LLC	Non-Local	Ditch Repair- 85th Ave	9,884.66
MRA Custom Applications, LLC	Non-Local	Lime Hauling Services	9,201.10
Utility Equipment Co	Non-Local	Clamps & Couplings	8,390.68
Siouxland Turf Products	Non-Local	Chemicals	7,199.47
Mississippi Lime Company	Non-Local	Lime	19,162.71
Plastic Recycling of Iowa Falls, Inc	Non-Local	SLHS Courtyard Benches & Picnic Tables	5,977.80
SCE, LLC	Non-Local	On-Call Infrastructure Repair Retainer	5,000.00
Davis Equipment Corporation	Non-Local	Sprinkler Parts	3,347.91
Bend Mailing Services, LLC	Non-Local	Bill Printing Services	2,771.38
Davis Equipment Corporation	Non-Local	Irrigation Software	1,999.00
SCE, LLC	Non-Local	Main Repairs- 401 W 8th Street	1,980.00
Cavendish Square Publishing LLC	Non-Local	Books	1,911.10
Utility Equipment Co	Non-Local	Corp Stop & Supplies	1,795.10
Linde Inc	Non-Local	Carbon Dioxide	1,651.37
Tyler Technologies, Inc	Non-Local	Insite Transaction Fees	1,090.00
Beck Engineering, Inc	Non-Local	SW Engineering Services	1,015.00
SGS, LLC	Non-Local	Garbage Services	854.75
Imagine the Possibilities, Inc	Non-Local	Janitorial Services	800.00
Utility Equipment Co	Non-Local	Supplies	738.09
Rehab Systems Inc	Non-Local	Storm Sewer Televising	590.00
Ahlers & Cooney, P.C.	Non-Local	Labor Relations	550.00
Northwestern University	Non-Local	Training- Younie	525.00
Utility Supply of America, Inc	Non-Local	Frames	500.41
Siouxland Turf Products	Non-Local	Chemicals	460.00
NJ Criminal Interdiction LLC	Non-Local	Registration	447.00
General Traffic Controls, Inc	Non-Local	Annual Service Agreement	375.00
Blue to Gold, LLC	Non-Local	Training- Bravo	249.00
Joyce's Greenery	Non-Local	Staw Mats	240.00
Schumacher Elevator Company	Non-Local	Elevator Maintenance Agreement	229.50
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	229.50
Ed M. Feld Equipment Company, Inc	Non-Local	Fire Alarm Inspection	215.00
W. W. Grainger, Inc	Non-Local	Oil	203.40
International Association of Plumbing & Mechanical Contractors	Non-Local	FY2022 Membership- Olesen	200.00
Foundation Analytical Laboratory, Inc	Non-Local	Testing Services	189.65
Midwest Tape, LLC	Non-Local	DVDs	185.91
National Recreation and Park Association	Non-Local	2022 Membership- Ripke	175.00
Iowa Public Airport Association	Non-Local	Membership Renewal FY2022	175.00
National Recreation and Park Association	Non-Local	2022 Membership- Hoffman	175.00
Utility Supply of America, Inc	Non-Local	Paddle	173.30
Prime Media Acquisition Corp	Non-Local	Bags	163.00
Digital Ally Inc	Non-Local	Camera Cable	155.00
Mid-States Organized Information Center	Non-Local	Annual Membership Fee	150.00
International Code Council	Non-Local	FY2022 Membership	145.00
Iowa Parks and Recreation Association	Non-Local	Membership- Hoffman & Ripke	120.00
Rice Signs LLC	Non-Local	Sign	118.36
Iowa Dept of Justice	Non-Local	Forfeiture Fees (21-010581)	117.50

My Buy Local_v1
Payment Date Range: 01/06/2022 - 01/19/2022

Vendor Name	Buy Local Info	Payable Description	Total Payments
Baker & Taylor, Inc	Non-Local	Books	115.46
Siouxland Turf Products	Non-Local	Chemicals	104.00
Salus LLC	Non-Local	Memberships	100.00
Iowa State University	Non-Local	FY2022 Incineration Services- SLPD	95.00
Midwest Tape, LLC	Non-Local	DVDs	86.96
Tyler Business Forms	Non-Local	W4 Forms	86.74
Cintas First Aid & Safety	Non-Local	First Aid Supplies	70.54
Midwest Tape, LLC	Non-Local	DVDs	65.96
Brodart Co.	Non-Local	Books	65.53
Tyler Business Forms	Non-Local	1099 Forms	64.66
Brodart Co.	Non-Local	Books	63.92
Underground Location Company	Non-Local	Locate Services	61.30
Central Iowa Distributing, Inc	Non-Local	Cleaning Supplies	60.00
Iowa Association of Housing Officials	Non-Local	FY2022 Membership	50.00
Marcus Lumber Company Corp	Non-Local	Plywood	45.80
Davis Equipment Corporation	Non-Local	Sprinkler Parts	45.20
Dale Vitito	Non-Local	Uniform	44.94
Workamper News, Inc	Non-Local	Advertising	39.00
Baker & Taylor, Inc	Non-Local	Books	34.36
Tyler Business Forms	Non-Local	1099 Misc Forms	33.04
Brodart Co.	Non-Local	Books	32.90
Ingram Library Services, Inc	Non-Local	Books	175.35
Non-Local Total:			223,329.51
Payroll/Refunds			
Patrick Diekman	Payroll/Refunds	Court Summons Reimbursement	151.00
Custodian of Petty Cash- Jean Cashman	Payroll/Refunds	Petty Cash- Postage	106.25
Custodian of Petty Cash	Payroll/Refunds	December 2021 Postage	3.63
Payroll/Refunds Total:			260.88
Grand Total:			428,272.62

King's Pointe Resort

Claims Publication

From 12/30/2021 to 1/12/2022

Vendor	Description	Amount
Authnet Gateway	Services	25.00
City of Storm Lake	Utilities	3,704.74
Doll Distribution	Beverages	934.30
Fintech	Services	56.65
HyVee	Beverages	931.91
Johnson Brothers	Beverages	143.30
Martin Brothers	Food	7,408.01
Payroll 1/5/2022	Payroll	79,365.24
Shift 4	Services	2,393.86
		<u>94,963.01</u>

REGULAR COUNCIL MEETING, CITY HALL COUNCIL CHAMBERS, CITY OF STORM LAKE (AMENDED) JANUARY 3, 2022, 5:00 PM

Present: Mayor Michael Porsch, Council Members Maggie Martinez, Tyson Rice, Kevin McKinney, and Matt Ricklefs. Absent: Maria Ramos

Staff present: City Manager Keri Navratil, Assistant City Manager David Derragon, City Attorney Phil Havens, Police Chief Chris Cole, Fire Chief Glenn Schlessler, Water Quality Operations Supervisor Ron Covert, Building & Code Compliance Director Scott Olesen, Library Director Elizabeth Huff, Public Services Supervisor Scott Bonebrake, Assistant Public Service Supervisor Brandon Ripke, King's Pointe Manager Amy Von Bank, Development Services Specialist Lee Dutfeld, Finance Director Brian Oakleaf, City Clerk Mayra Martinez and Staff Accountant Tyler Gibbins.

Media Present: Dana Larson with the Pilot Tribune, Tom Cullen with The Times, Ryan Thompson with KAYL.

Mayor Porsch called the meeting to order at 5:00 pm.

Pledge of Allegiance

Mayor Porsch welcomed the new City Council Members Maggie Martinez and Matthew Ricklefs.

Agenda - Moved by Council Member McKinney to approve setting the agenda. Seconded by Council Member Ricklefs. Vote: all ayes with Council Member Ramos absent. Motion carried.

Disclosure by City Council Members – Council Member Ricklefs informed the council that would be abstaining for items seven and eight regarding the rezoning of the agenda as these items relate to his father-in-law.

Hear the Public – No comments from the public.

Consent Agenda - Moved by Kevin McKinney to approve the Consent Agenda, list of bills Check #'s 77843 through 77879, EFT #'s 711, 2615 through 2636, King's Pointe and Sunrise Pointe disbursements, approve the December 20, 2021, City Council minutes, approve the Live Healthy Iowa 5K request for Sunday April 23, 2022, approve Interstate Power & Light Company dba Alliant Energy easement, approve the SLPD Code Enforcement Summary. Seconded by Council Member Martinez. Vote: all ayes with Council Member Ramos absent. Motion carried.

Mayor Pro-tem - Moved by Council Member Rice to approve the appointment of Council Member McKinney as Mayor Pro-tem. Seconded by Matt Ricklefs. Vote: all ayes with Council Member Ramos absent. Motion carried.

Iowa Lakes Corridor Update/Budget Request - Shannon Landauer presented the City Council with a packet of updates on the Iowa Lakes Corridor, their work plans and budget request.

Fiscal Year 2022-2023 Outside Agency - Mayor Porsch reminded the City Council that this is the time and opportunity for the outside agencies to present to the City Council their requests for funding and answer any questions from the City Council. The following agencies and representatives presented their requests to the City Council: Di Daniels with Our Place is requesting \$5,000.00 for outdoor signage promoting community events and cultural connections, Santa's Castle (no Representative) is requesting \$10,000.00 for conservation and repair of animation pieces with historical significance, Breanna Horsey with Storm Lake United is requesting \$48,000.00 for membership level based funding and for Wood, Wine and Blues summer concert and multicultural event, Shakira Meyer with Upper Des Moines Opportunity is requesting \$8,000.00 for funding their back to school program and Patricia Hampton with Witter Gallery is requesting \$24,000.00 to continue to provide a wide range of programs, events and exhibitions for visitors. Patricia Hampton also informed City Council and staff that Witter Gallery will be celebrating its 50th year of existence this year.

Fiscal Year 2023-2027 CIP - Moved by Council Member Ricklefs to approve setting the Public Hearing for Fiscal Year 2023-2027 Proposed Capital Improvement plan for January 17, 2022, at 5:00 pm at City Hall Council Chambers. Seconded by Council Member Rice. Vote: all ayes with Council Member Ramos absent. Motion carried.

Re-Zoning Of A Parcel Located At 1012 HWY 110 - Mayor Porsch opened the public hearing for the proposed re-zoning of a parcel located at 1012 Hwy 110 stating this was the time and place for any comments. Receiving no comments from City Council or the public, the Mayor then closed the public hearing.

Moved by Council Member McKinney to approve the first reading of Ordinance No. 08-O-2021-2022 amending the Zoning Ordinance proposed re-zoning of a parcel located at 1012 Hwy 110. Seconded by Council Member Rice. Roll call vote: All ayes with Council Member Ramos absent and Council Member Ricklefs abstaining. Motion carried.

Voting Precincts - Moved by Council Member McKinney to approve authorizing agreement with Buena Vista County reference Voting Precincts. Seconded by Council Member Ricklefs. Vote: all ayes with Council Member Ramos absent. Motion carried.

Re-Precinct Plan - Moved by Council Member Rice to approve the 1st reading of Ordinance 09-O-20212022 amending Title I, Chapter 5, Section 2 to Specify the new voting precinct boundaries. Seconded by Council Member Martinez. Roll call vote: All ayes with Council Member Ramos absent. Motion carried.

Storm Lake Library CDBG – COVID (CV) Funding Grant - Moved by Council Member Rice to adopt Resolution No. 56-R-2021-2022 approving the agreement with CMBA for professional services for Architectural Services for the Storm Lake Library CDBG-COVID(CV) Funding Grant. Seconded by Council Member Ricklefs. Roll call vote: All ayes with Council Member Ramos absent. Motion carried.

RESOLUTION NO. 56-R-2021-2022

**A RESOLUTION APPROVING AN AGREEMENT FOR
ARCHITECTURAL SERVICES THE STORM LAKE LIBRARY
FOR A CDBG-CV APPLICATION**

WHEREAS, the City of Storm Lake desires to apply for CDBG-CV funding, and;

WHEREAS, the City desires to have professional architectural services for the proposed project and therefore followed the Federal CDBG procurement guidelines to solicit proposals from qualified architects for the proposed project, and;

WHEREAS, the City published notice of procurement for architectural services in the Storm Lake Times on July 23, 2021 for such services, and;

WHEREAS, the City published notice of procurement for architectural services with the Iowa League of Cities and on the City's website; and

WHEREAS, the City received four proposal(s) for architectural services from qualified firms, and, following a review of the proposals, the City Council on August 2, 2021 selected CMBA for professional services for this funding opportunity.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF STORM LAKE, IOWA:

SECTION 1. The City Council approves the agreement with CMBA for architectural services for the Storm Lake Library for this CDBG-CV funding application.

SECTION 2. The City Council authorizes the City Manager to sign the agreement with CMBA for architectural services for the Storm Lake Library for this CDBG-CV funding application.

PASSED AND APPROVED this 3rd day of January 2022.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Development Services Action Plan-Work Session - Lee Dutfield gave a presentation to City Council of what the action plan is for the Development Services Specialist. Lee Dutfield plans to continue the

working partnerships with Iowa Lakes Corridor, Storm Lake United and the Iowa Economic Development Authority to strengthen our economic development growth in our community, region, and state. He plans to keep open communications with the business community and other levels of government and keeping the general public informed for a responsive relationship which creates economic development success. Lee supports Council goals and objectives and plans to keep open communications with all businesses, promoting and supporting diversity and inclusivity in workplaces and the community.

City Council Requested Items - No items at this time.

Adjourn - Moved by Council Member McKinney to adjourn at 6:12 pm. Seconded by Council Member Rice. Vote: all ayes with Council Member Ramos absent. Motion carried.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

**SPECIAL COUNCIL MEETING, CITY OF STORM LAKE, IOWA, CITY HALL,
JANUARY 11, 2022, 12:30 P.M.**

Present: Mayor Michael Porsch, Council Members Maggie Martinez, Matt Ricklefs, Maria Ramos (all via-zoom). Absent: Tyson Rice and Kevin McKinney.

Staff present: City Manager Keri Navratil, Assistant City Manager David Derragon, and City Clerk Mayra Martinez

Mayor Porsch called the meeting to order at 12:30 pm.

Agenda - Moved by Council Member Ricklefs to approve setting the Agenda as presented. Seconded by Council Member Martinez. Vote: All ayes with Council Member Rice and McKinney absent. Motion carried.

Disclosure by City Council Members - none

Hear the Public – none

Re-Precinct Plan – Moved by Council Member Ricklefs to approve waiving 2nd Reading of Ordinance No. 09-O-2021-2022 Amending Title I, Chapter 5, Section 2 To Specify The New Voting Precinct Boundaries. Seconded by Council Member Martinez. Vote: All ayes with Council Member Rice and McKinney absent. Motion carried.

Moved by Council Member Ricklefs to approve on 3rd reading Ordinance No. 09-O-2021-2022 Amending Title I, Chapter 5, Section 2 To Specify The New Voting Precinct Boundaries. Seconded by Council Member Martinez. Roll call vote: All ayes with Council Member Rice and McKinney absent. Motion carried.

ORDINANCE NO. 09-O-2021-2022

AN ORDINANCE AMENDING TITLE I, CHAPTER 5, SECTION 2 OF THE 1994 RECODIFICATION OF THE MUNICIPAL CODE OF THE CITY OF STORM LAKE, IOWA TO SPECIFY NEW ELECTION PRECINCT BOUNDARIES

WHEREAS, following the federal decennial census and after the redistricting of congressional and legislative districts, cities are required to complete desired changes in election precinct boundaries.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Storm Lake, Iowa as follows:

Section 1. Title I, Chapter 5, Section 2 of the 1994 Recodification of the Municipal Code of the City of Storm Lake, Iowa is hereby amended to read as follows:

1-5-2 Precinct Boundaries

Election precincts for the City of Storm Lake, Iowa shall be as described below:

Precinct 1 is that part of the City of Storm Lake, Iowa lying east of Business Highway 71 (also known as Lake Avenue) but north of East Milwaukee Avenue, together with that part of the City of Storm Lake, Iowa lying north, east and southeast of Flindt Drive, and does not include any part of such City that is within the boundary of Precinct 2.

Precinct 2 is that part of the City of Storm Lake, Iowa within the following boundary: Beginning at the intersection of the West side of Business Highway 71 (also known as Lake Avenue) and the northern boundary of the Southwest Quarter (SW $\frac{1}{4}$) of Section 27, Township 91 North, Range 37 West of the 5th P.M., Buena Vista County, Iowa; then southerly along the west side of said Business Highway 71 (Lake Avenue) to the south side of East Milwaukee Avenue; then easterly on the south side of East Milwaukee Avenue to the south side of Flindt Drive; then southeasterly along such side of Flindt Drive to the north side of East 3rd Street; then northwesterly along the north side of East 3rd Street to the west side of Hudson Street; then northerly along the west side of Hudson Street to the north side of East Railroad Street; then northwesterly along the north side of East Railroad Street to the west side of Seneca Street; then northerly along the west side of Seneca Street to the north side of East 5th Street; then westerly along the north side of East 5th Street to the west side of Cayuga Street; then northerly along the west side of Cayuga Street to the north side of East 6th Street; then westerly along the north side of East 6th Street to the west side of Erie Street; then southerly along the west side of Erie Street to the north side of East 5th Street; then westerly along the north side of East 5th Street to the west side of Vestal Street (also designated 100th Street outside the City limits); then northerly along the west side of Vestal Street (also designated 100th Street) to its intersection with the northern boundary of the Southwest Quarter (SW $\frac{1}{4}$) of Section 27, Township 91 North, Range 37 West of the 5th P.M., then easterly along said northern boundary to the point of beginning.

Precinct 3 is all that part of the City of Storm Lake, Iowa lying west, southwest, or northwest of Precincts 1, 2, and 4, and also includes Census Block 1016 in Census Tract 9606 that is composed of territory both inside the city limits of Storm Lake, Iowa and outside the city limits of the City of Storm Lake in unincorporated Buena Vista County, Iowa pursuant to an agreement between such city and county.

Precinct 4 is all that part of the City of Storm Lake, Iowa lying directly south of Precinct 2 and north of the high-water mark of Storm Lake, together with that part of the City of Storm Lake lying west of the foregoing part of Precinct 4, but east of Barton Street, South of West 5th Street, and north of the high-water mark of Storm Lake.

These are draft minutes Subject to Final Council Approval

Section 2. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 4. This ordinance shall be in effect following its passage, approval, and publication as provided by law.

PASSED AND APPROVED this 11th day of January 2022

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Adjourn – Moved by Council Member Ricklefs to adjourn the meeting at 12:43 pm. Seconded by Council Member Martinez. Vote: All ayes with Council Member Rice and McKinney absent. Motion carried.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk



Library Board Meeting, City of Storm Lake, November 8, 2021, 4:00 p.m. hybrid and telephonic due to the Pandemic

Present: Board President Mary Kay Hudspeth, Jim Eliason, Sarah Freking, Patrick Mullaney and Barb Wells. Also present, Elizabeth Huff, Library Director and Dana Larson, Pilot-Tribune.

Board President Hudspeth called the meeting to order at 4:01 p.m.

Disclosures by Board Members - None

Agenda – Moved by Board Member Wells to approve November 8 Agenda. Seconded by Board Member Freking. Vote all ayes. Motion carried.

Public Hearing – None. No update from Witter Gallery by email or phone or in-person.

Approval of Minutes – Moved by Board Member Freking to approve October Minutes. Seconded by Board Member Eliason. Vote all ayes. Motion carried. Moved by Board Member Freking to approve October 27 Minutes. Seconded by Board Member Wells. Vote all ayes. Motion carried.

Director's Report – There were questions on the Calendar: Storm Lake Movie View Party did not go very well since the TV had an image followed by a black screen and then ended no input. Two audience members stayed to watch on the computer monitor. Middle School and High School students have student library accounts, what was imported (added) were 4 new students. Board Member Mullaney was surprised at the WiFi usage, and it is correct as reported by WhoFi. There were no questions on the ledger. Board Member Eliason asked about the Annual Survey's holdings, since bar charts did not match the Survey's holdings. The Library Director will review it. The Friends received two donated baskets and are working on the fundraising letter. The Friends approved December youth program expenses. The State Grant Committee had questions on Furnishings in the CDBG-CV and the City is awaiting the Mayor's Letter. The Annual County Library Trustees Meeting with Bonnie McKewon, State Library will be on December 2, 2021, at 6PM. There will be a Budget Committee Interview on November 11 and the library submitted a pergola estimate for the Front Lawn. The Library Director dug up a dying bush in the Front Lawn since it did not revive during the summer.

Approval of Bills – Moved by Board Member Freking to approve November Bills. Seconded by Board Member Eliason. Vote all ayes. Motion carried.

Approval of Friends Funds – Moved by Board Member Wells to approve payment to Friends from a \$10.00 credit card transaction. Seconded by Board Member Eliason. Vote all ayes. Motion carried.

Work Session: Alcohol Beverage Policy, 2007 – Board members discussed the present policy, a past Witter Gallery fundraising event which served donated wine, possible liabilities, seeking permission from the Trustees on alcohol use, and reviewing a no alcohol policy draft. After the discussion, the Board felt strongly the present policy will remain as it is. Policy is reviewed and reaffirmed on November 8, 2021

Library Board Member Requested Items - None

Adjournment – Moved by Board Member Mullaney to adjourn meeting at 4:40 pm. Seconded by Board Member Eliason. Vote all ayes by roll call. Motion carried.

Elizabeth Huff, Library Director.

Please note the above is an unapproved draft of minutes and will be approved by the Board of Trustees on December 13, 2021.

**Storm Lake Airport Commission
Regular Meeting, Airport Terminal
Monday, November 8, 2021, 4:00 PM**

Present: Commission Members Bob Ansorge, Dan Richardson, Cynthia Turner. Absent: Commissioner Jason Dierking. Others Present: Jim Bartholomew and Tyler Gibbins.

Chairman Bob Ansorge called the meeting to order at 4:01 pm.

Hear the Public – No comments.

Minutes – Moved by Commissioner Richardson to approve the regular Airport Commission October 2021 minutes. Seconded by Commissioner Turner. Vote: All ayes with Commissioner Dierking absent. Motion carried.

Financial Report – Moved by Commissioner Richardson to approve the financial reports for October 2021. Seconded by Commissioner Turner. Vote: All ayes with Commissioner Dierking absent. Motion carried.

Fuel Report – Moved by Commissioner Richardson to approve the October 2021 Fuel Report. Seconded by Commissioner Turner. Vote: All ayes with Commissioner Dierking absent. Motion carried.

Commissioner Jason Dierking arrived at 4:03 pm.

Airport Manager's Monthly Report – Picked up a door entry lock, lightbulbs, twenty feet of cable, and five spare keys for Hangar A and had additional keys made for Hangar F-3 at Ace Hardware. MS Door Service made repairs to hangar door F-2 and hangar A. Jim Bartholomew replaced the entry door lock. John Bartholomew finished repairs on hangar door A. The Storm Lake Public works crew replaced six light bulbs in VT's hangar and replaced the windsock near the terminal.

The lights in the shop are going dim. The Commission directed Bart to contact R&R Electric to get an estimate for repairs of the lights. It was reported that there are garter snake issues at the airport. The Commission directed Jim Bartholomew to put some snake repellent down around the area.

Courtesy Car Usage: 01 Miles 140
Fuel Meter Reading: Jet A – 571,340
AV Gas – 135,063.2

Administration Report

Runway 13/31 Lighting Update

The City Council completed the substantial completion of the project on November 3rd which included a \$6,001.70 increase to the project to reconcile final quantities used. This project and change order are funded 100% by the FAA. Greg to provide any additional updates.

Hangar Door Repairs

As mentioned by BFS, Hangar A and Hangar F2 had additional bi-fold door issues this month. A local vendor, MS Door Service was able to make these repairs. Discussions continue to present a proposed maintenance contract to the Commission.

FAA Runway Penetration Notice

On October 18th the FAA contacted BFS regarding some terrain and vegetation issues at the end of runway 35. On October 28th, City Staff was notified of the concerns and provided photos and explanations to the FAA regarding their concerns:

- Photos regarding vegetation southeast of runway 35 showing no overgrowth to cause an obstacle.
- Photos regarding terrain showing a flat grass area what has not been disrupted to cause obstacles.

City Staff will provide the penetration information to Greg for review.

City Storage Facility

The request has been made by City Staff to consider spending operating building maintenance funds to add insulation and a small furnace to the storage hangar that houses the snowplow. The truck is currently just plugged in, but the equipment still will not start or if it starts, the hydraulics are stiff and slow which may cause future mechanical problems. City Staff is working on a proposed cost to present to the Commission for consideration. Greg will also contact Mike Marr with the State to see if there are any funding opportunities.

Airport Capital Improvement Plan - Moved by Commissioner Richardson to approve the Airport Capital Improvement Plan report. Seconded by Commissioner Dierking. Vote: All ayes. Motion carried.

Adjourn – Moved by Commissioner Richardson to adjourn the meeting at 4:25 pm. Seconded by Commissioner Turner. Vote: All ayes. Motion carried.

Mayra Martinez, City Clerk



**APPLICATION FOR APPOINTMENTS
TO STORM LAKE BOARDS & COMMISSIONS**

City of Storm Lake
P.O. Box 1086, 620 Erie Street
Storm Lake, IA 50588
Phone #712-732-8000
Fax #712-732-4114
www.stormlake.org

PERSONAL DATA

Flores Wilmar
Last Name First Name Middle Initial
218 Walnut St. Storm Lake IA 50588
Address City State Zip Code
712-730-8409 712-730-8409 712-730-8409
Home Phone # Business Phone # Cell Phone #
S.L. Community Schools Building Trades In Structur
Employer Occupation

How long have you lived in Storm Lake? 23 yrs

List any volunteer/civic/community activity in which you have been involved in:

Please check the following City boards or commissions to which you would like to be appointed:

- | | | |
|---|---|--|
| ☐ Airport Commission | ☐ 911 Board | ☐ ADA Committee |
| ☐ Airport Board of Adjustment | ☒ Board of Appeals | ☐ Mayor's Committee on |
| ☐ Band Trustees | ☐ Library Board (6 yrs) | ☐ Parks, Trails, and Urban Forest |
| ☐ Board of Adjustment (5 yrs) | ☐ Landfill Commission | |
| ☐ Cemetery Board | ☐ Planning & Zoning Commission | |
| ☐ Civil Service Commission (4 yrs) | ☐ Storm Water Advisory | |

All of the above boards & commissions have a 3-year term unless otherwise stated.

Why do you want to serve on this board or commission?

In accordance with Iowa Code Chapter 362 the City must determine what relationships or transactions you may have or potentially have with the City of Storm Lake prior to your appointment to a Board or Commission. In order to do this we must ask you to answer the following questions.

Do you or any immediate family member own or are part owners of a business doing business with the City of Storm Lake?

☐ Yes ☒ No

If so, name of the business and the percentage you or immediate family member own?

Are you employed by any business doing business with the City of Storm Lake? ☐ Yes ☒ No

If Yes:

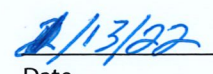
What is the name of the Business:

Is your salary/bonus determined by financial performance of the company or do you receive a commission?

☐ Yes ☒ No

I certify that the above answers are correct and true.


Signature


Date

"Appointments to City Boards and Commissions are made by the Storm Lake Mayor and confirmed by the City Council."

Please return the completed form to:

City Clerk
City of Storm Lake
P.O. Box 1086
Storm Lake, IA 50588

If you should have any questions, feel free to contact City Administration at 732-8000.



State of Iowa

Alcoholic Beverages Division

Applicant

NAME OF LEGAL ENTITY

Berselynna P. Butler

NAME OF BUSINESS(DBA)

BLP Pohnpei Market

BUSINESS

(712) 213-3708

ADDRESS OF PREMISES

1205 Lake Ave

CITY

Storm Lake

COUNTY

Buena Vista

ZIP

50588

MAILING ADDRESS

1205 Lake Ave

CITY

Storm Lake

STATE

Iowa

ZIP

50588

Contact Person

NAME

Selynna P. Butler

PHONE

(302) 593-1616

EMAIL

pnimarket@yahoo.com

License Information

LICENSE NUMBER

BC0031064

LICENSE/PERMIT TYPE

Class C Beer Permit

TERM

12 Month

STATUS

Submitted
to Local
Authority

EFFECTIVE DATE

Feb 9, 2022

EXPIRATION DATE

Feb 8, 2023

LAST DAY OF BUSINESS

SUB-PERMITS

Class C Beer Permit, Class B Wine Permit



State of Iowa

Alcoholic Beverages Division

PRIVILEGES

Living Quarters, Sunday Service

Status of Business

BUSINESS TYPE

Sole Proprietor

Ownership

No Ownership information found

Insurance Company Information

INSURANCE COMPANY

POLICY EFFECTIVE DATE

POLICY EXPIRATION DATE

DRAM CANCEL DATE

OUTDOOR SERVICE EFFECTIVE
DATE

OUTDOOR SERVICE EXPIRATION
DATE

BOND EFFECTIVE DATE

TEMP TRANSFER EFFECTIVE
DATE

TEMP TRANSFER EXPIRATION
DATE

M E M O R A N D U M

TO: MAYRA MARTINEZ

FROM: CHRIS COLE

DATE: January 6, 2022

REFERENCE: LIQUOR LICENSE RENEWAL
BLP Phonpei Market
1205 N Lake Ave

Discussion: Per your request I have accessed the department computer for calls of interest to the aforementioned establishment. The calls are as follows:

1/6/2021 to
01/02/2022

INCIDENTS

911 Hang Up Call	1
Business Security	2
Keys locked in car	2
Parking Complaint	1
Presentation	2
Vehicle Stop	2
ARRESTS	0

Recommendation: Approval of liquor license.



State of Iowa

Alcoholic Beverages Division

Applicant

NAME OF LEGAL ENTITY	NAME OF BUSINESS(DBA)	BUSINESS	
MHR Real estate investments, LLC	Poor Reds	(712) 213-7337	
ADDRESS OF PREMISES	CITY	COUNTY	ZIP
616 michigan street	Storm Lake	Buena Vista	50588
MAILING ADDRESS	CITY	STATE	ZIP
616 michigan street	Storm Lake	Iowa	50588

Contact Person

NAME	PHONE	EMAIL
mark redenbaugh	(712) 299-1882	mark.redenbaugh@seestormlakehomes.com

License Information

LICENSE NUMBER	LICENSE/PERMIT TYPE	TERM	STATUS
LC0046841	Class C Liquor License	12 Month	Pending Dramshop Review

TENTATIVE EFFECTIVE DATE	TENTATIVE EXPIRATION DATE	LAST DAY OF BUSINESS
Feb 22, 2022	Feb 21, 2023	

SUB-PERMITS

Class C Liquor License

PRIVILEGES



State of Iowa

Alcoholic Beverages Division

Status of Business

BUSINESS TYPE

Limited Liability Company

Ownership

No Ownership information found

Insurance Company Information

INSURANCE COMPANY

POLICY EFFECTIVE DATE

POLICY EXPIRATION DATE

MOUNT VERNON FIRE INS CO

DRAM CANCEL DATE

OUTDOOR SERVICE EFFECTIVE
DATE

OUTDOOR SERVICE EXPIRATION
DATE

BOND EFFECTIVE DATE

TEMP TRANSFER EFFECTIVE
DATE

TEMP TRANSFER EXPIRATION
DATE

M E M O R A N D U M

TO: MAYRA MARTINEZ

FROM: CHRIS COLE

DATE: January 6, 2022

REFERENCE: LIQUOR LICENSE RENEWAL
Poor Red's
616 Michigan St

Discussion: Per your request I have accessed the department computer for calls of interest to the aforementioned establishment. The calls are as follows:

1-6-2021 to
1-2-2022

INCIDENTS

911 Hang up Call	1
Assault	1
Bar Check	1
Business Security	1
Presentation	2
ARRESTS	0

Recommendation: Approval of liquor license.

Staff Summary

1/17/2022

Agenda Item # B.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Mayra Martinez, City Clerk

SUBJECT: Buy Local Information

BACKGROUND: Early in 2011 during a Study Session discussion Council asked staff to look at putting together some analysis information regarding the amount of purchases made locally. We have pulled that information together and a provided a summary of purchases identified in the current list of bills to be approved that are purchased locally (within the City of Storm Lake), within Buena Vista County, and outside of Buena Vista County are presented here for Council's review. This information is presented for for both the City and King's Pointe's bills.

As the reader reviews the information they should note the following key notes:

- Costs associated with any major capital project (those bid under the State of Iowa Bid Law) are excluded from the calculation
- Costs associated with travel is excluded from the calculation and %
- Costs associated with payroll is excluded from the calculation and %
- In some cases there is only one vendor or an item is only available from vendors outside of the City limits and/or Buena Vista County – we have not identified these
- Some departments have fairly minor budgets and a major purchase can skew the % and or amount for a given review period (For Example: the Airport may have normally \$4,000 - \$6,000 in expenses until they purchase Jet Fuel or Av Gas which can be \$10,000 + and as a vendor who is not local this can skew the information for that review period)
- Local has been determined to be has an office front in the

area and based on where the office front is located for local vs. BV County (For Example: Wal-Mart is considered local since they have a store in Storm Lake even though their headquarters is not located here)

As with all analytical data it is possible to interpret the numbers in a variety of ways and as we move forward we would be happy to provide further detail and or revise the way in which we show the data. Likewise if you have any questions or concerns please don't hesitate to contact city staff.

FISCAL IMPACT:

Breakout	Calculated Expenses
Buena Vista County	\$ 5,469.02
Contract/Agreement	\$ 143,668.81
Local	\$ 55,544.40
Non- Local	\$ 223,329.51
Payroll/Refunds/Pyrl Tax & Ins	\$ 205,090.23
Total Expenses	\$ 633,101.97
Supporting Documents Attached	

RECOMMENDATION: Review Buy Local Information

Staff Summary

1/17/2022

Agenda Item # C.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: **SLPD City Code Enforcement Summary**

BACKGROUND: 12/30/21 to 1/11/22

White Summons – 3

CCE Total – 25

Accumulate Junk – 11

Junk Vehicle – 5

Parking Restricted to hard surfaces – 1

Accumulate Trash – 8

Citation - 1

FISCAL IMPACT: None

RECOMMENDATION: None

Staff Summary

1/17/2022

Agenda Item # 3.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Brian Oakleaf, Finance Director

SUBJECT: **Public Hearing for Fiscal Year 2023-2027 Capital Improvement Plan**

BACKGROUND: A Public Hearing to hear comments for the Capital Improvement Plan for Fiscal Years 2023-2027.

FISCAL IMPACT: The cost of publication

RECOMMENDATION: Open Public Hearing
Hear Comments
Close Public Hearing

ATTACHMENTS:

Description	Type
□ Summary	Backup Material
□ Department Detail	Backup Material

City of Storm Lake, Iowa
Capital Improvement Plan
 2023 thru 2027

DEPARTMENT SUMMARY

Department	2023	2024	2025	2026	2027	Total
Administration	739,500	20,000	20,000	20,000	20,000	819,500
Airport	67,870	659,930	70,776	691,224		1,489,800
Building/Code Enforcement		45,000			45,000	90,000
Campground	160,000	75,000	320,000	10,000	60,000	625,000
Cottages		60,000				60,000
Economic/Community Development	170,000	200,000	150,000	500,000	50,000	1,070,000
Fire Department	33,700	24,000	771,000	127,000	2,300,000	3,255,700
Golf Course	72,000	77,000	50,000	80,000	85,000	364,000
Kings Pointe	370,500	340,000	363,000	186,250	186,250	1,446,000
Library	621,409	66,500	12,000	20,000		719,909
Outdoor Water Park		5,000	5,000	5,000	5,000	20,000
Parks Department	415,000	676,600	345,000	415,000	303,000	2,154,600
Police Department	239,300	125,000	118,000	124,000	107,000	713,300
Sewer Collection	265,000	365,000	1,050,000	480,000		2,160,000
Storm Water	90,000	30,000	45,000	30,000	30,000	225,000
Street Department	1,658,850	1,085,000	1,005,000	2,053,500	2,992,000	8,794,350
Wastewater Treatment Facility	801,500	3,293,785	3,715,560	3,600,000	240,000	11,650,845
Water Distribution	452,000	322,000	222,000	322,000	18,222,000	19,540,000
Water Meters		60,000				60,000
Water Plant	1,897,400	12,969,240	6,884,300	650,000	2,386,720	24,787,660
TOTAL	8,054,029	20,499,055	15,146,636	9,313,974	27,031,970	80,045,664

City of Storm Lake, Iowa
Capital Improvement Plan
 2023 thru 2027

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Administration								
City Hall Updates	ADMN-17-01	3	20,000	20,000	20,000	20,000	20,000	100,000
Sesquicentennial Project	ADMN-23-01	n/a	60,000					60,000
Website Re-Design	ADMN-23-02	1	15,000					15,000
Fiber Line Installation	ADMN-23-03	n/a	633,500					633,500
Copier	ADMN-23-04	1	11,000					11,000
Administration Total			739,500	20,000	20,000	20,000	20,000	819,500
Airport								
Lighting Replacement 17/35	AIR-21-01	2	46,870	434,930				481,800
Dump truck/Plow	AIR-21-02	4		225,000				225,000
Tank Monitor Replacement	AIR-23-02	2	21,000					21,000
Apron Expansion	AIR-26-01	1			70,776	691,224		762,000
Airport Total			67,870	659,930	70,776	691,224		1,489,800
Building/Code Enforcement								
Vehicle Replacement	CODE-20-01	2		45,000			45,000	90,000
Building/Code Enforcement Total				45,000			45,000	90,000
Campground								
Cable Box/Service Line Replacement	CG-21-07	n/a		10,000				10,000
Campground Flood Mitigation	CG-21-08	1	100,000					100,000
Additional Long Term Parking Lot	CG-22-03	4			250,000			250,000
Playground Equipment	CG-23-01	1	40,000					40,000
Exit Gate Replacement	CG-24-01	2	20,000					20,000
Picnic Table Concrete Pads	CG-25-01	3			10,000	10,000	10,000	30,000
Seal Coat	CG-25-02	2		65,000	60,000			125,000
14 Site Renovation	CG-27-01	2					25,000	25,000
Middle Campground Renovation	CG-27-02	2					25,000	25,000
Campground Total			160,000	75,000	320,000	10,000	60,000	625,000
Cottages								
Cottage Refresh/Remodel	COT-21-01	1		40,000				40,000
New Incoming Cable Lines	COT-21-04	1		20,000				20,000
Cottages Total				60,000				60,000
Economic/Community Development								
Project Set-A-Side	ED-23-01	1	50,000	50,000	50,000	50,000	50,000	250,000
Community Survey	ED-23-02	1	20,000					20,000
Downtown Revit Design	ED-23-03	1		150,000	100,000	450,000		700,000
Dredge Spoil Site Development	ED-23-04	3	100,000					100,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Economic/Community Development Total			170,000	200,000	150,000	500,000	50,000	1,070,000
Fire Department								
FD Mobile Devices	FIRE-17-07	3		12,000				12,000
Replace Engine #75	FIRE-23-04	1			630,000			630,000
Fire Station Expansion/Remodel	FIRE-23-05	1			115,000	115,000	2,300,000	2,530,000
Thermal Imaging Cameras for Masks	FIRE-23-09	1		12,000	12,000	12,000		36,000
Multi-force Air Lifting Bags	FIRE-24-01	3	6,700					6,700
Trenching Shoring Kit	FIRE-24-03	2	20,000					20,000
Hydrafusion Strut Kit 16"	FIRE-24-04	2	7,000					7,000
Door Access	FIRE-25-01	1			4,100			4,100
RAM Fan Unit	FIRE-25-03	2			5,600			5,600
Hose Drying Rack	FIRE-25-04	2			4,300			4,300
Fire Department Total			33,700	24,000	771,000	127,000	2,300,000	3,255,700
Golf Course								
Rough Mower	GOLF-18-01	1				80,000		80,000
Clubhouse Renovation	GOLF-20-01	1	40,000					40,000
Pro Core 648 Aerifier	GOLF-20-02	2					25,000	25,000
Greens Mower	GOLF-22-01	1		43,000				43,000
Fairway Mower	GOLF-22-02	2					60,000	60,000
Utility Vehicle	GOLF-23-03	2	25,000					25,000
Garage Door	GOLF-23-05	1	7,000					7,000
Greens Roller	GOLF-24-01	3		13,000				13,000
EZ-GO Workhorse	GOLF-24-05	1		21,000				21,000
Gator Pro	GOLF-25-02	2			50,000			50,000
Golf Course Total			72,000	77,000	50,000	80,000	85,000	364,000
Kings Pointe								
Resort Remodel and Refresh	KP-17-04	1				186,250	186,250	372,500
Mattresses	KP-23-01	2	33,000	33,000	33,000			99,000
Fitness Room Equipment	KP-23-02	2	25,000					25,000
Guestroom Microwaves	KP-23-03	2	6,500					6,500
Snack Shack AC Unit	KP-23-04	2	10,000					10,000
Water Park Slide Reno/Insulation	KP-23-05	1	120,000					120,000
Kiddie Fort Repairs	KP-23-06	1	40,000					40,000
Guestroom Pillows	KP-23-07	2	5,000					5,000
BOH AC Unit	KP-23-08	1	14,000					14,000
Guest Available Ice Machine	KP-23-09	3	6,000	6,000				12,000
Heat Pump	KP-23-10	2	10,000					10,000
Phone System	KP-23-11	1	33,000					33,000
Kuerig Coffee Makers	KP-23-12	2	10,000					10,000
Guest Room Dispensers	KP-23-13	3	8,000					8,000
Recreational Equipment	KP-23-14	2	25,000					25,000
Hotel/Waterpark Signage	KP-23-15	2	25,000					25,000
Wall Divider	KP-24-01	1		40,000				40,000
Sound System	KP-24-02	2		10,000				10,000
Deck Furniture	KP-24-03	2		15,000				15,000
Sofa Sleepers	KP-24-04	2		38,000				38,000
Circulation Pump	KP-24-05	2		6,000				6,000
Pool Tower Repairs	KP-24-06	1		160,000				160,000
Replace Flooring in Regatta	KP-24-07	3		12,000				12,000
HSIA Upgrades	KP-24-08	2		20,000				20,000
Corridor Carpet	KP-25-01	2			65,000			65,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Roof Replacement	KP-25-02	1			265,000			265,000
Kings Pointe Total			370,500	340,000	363,000	186,250	186,250	1,446,000
Library								
Library Security Cameras	LIB-17-02	2	4,500					4,500
Tuck Pointing	LIB-23-02	1				20,000		20,000
CDBG- COVID(CV) Projects	LIB-23-03	1	607,909					607,909
Shelving Replacement	LIB-24-01	4		21,500	12,000			33,500
Security Gate at Entrances	LIB-24-03	1		45,000				45,000
Exterior Pergola	LIB-27-01	3	9,000					9,000
Library Total			621,409	66,500	12,000	20,000		719,909
Outdoor Water Park								
OWP Circulation Pump	OWP-20-02	1		5,000	5,000	5,000	5,000	20,000
Outdoor Water Park Total				5,000	5,000	5,000	5,000	20,000
Parks Department								
Dock Replacement/New	PARKS-17-04	n/a	25,000	25,000	30,000	30,000	30,000	140,000
ADA Dock Replacement	PARKS-17-05	1	50,000					50,000
Trail- Set-Aside	PARKS-18-02	n/a		100,000	25,000	25,000	25,000	175,000
Kiwanis Park	PARKS-19-04	1				75,000		75,000
Utility Vehicle	PARKS-20-03	4					48,000	48,000
New Holland Replacements	PARKS-20-04	3			75,000			75,000
10th Street Park	PARKS-20-08	1	30,000	30,000				60,000
Recreation Set-Aside	PARKS-23-01	3	75,000	75,000	75,000	75,000	75,000	375,000
1 Ton Pickup- Replace #92	PARKS-23-02	n/a	49,000					49,000
1/2 Ton Pickup- Replace #30	PARKS-23-03	n/a			40,000			40,000
Trailer	PARKS-23-04	n/a		9,600				9,600
Pickup- Replace #84	PARKS-23-05	n/a	50,000					50,000
Awaysis Park Upgrades	PARKS-23-06	1	25,000	175,000				200,000
Chautauqua Shelter/Parks Security	PARKS-23-07	1	25,000					25,000
Vegetation Management Plan	PARKS-23-08	1	25,000	25,000	25,000	25,000	25,000	125,000
W9th Ballfield Fence	PARKS-24-01	2	35,000					35,000
New Service Pickup	PARKS-24-04	n/a		46,000				46,000
Large Area Mower	PARKS-24-05	n/a		75,000		75,000		150,000
Toolcat with Dump Box	PARKS-24-06	n/a		56,000				56,000
Irrigation System	PARKS-24-07	n/a		60,000				60,000
Mower- Unit #5	PARKS-25-01	n/a			75,000			75,000
Playground Equipment	PARKS-26-02	n/a				100,000	100,000	200,000
Beach Restoration Equipment	PARKS-26-03	n/a	26,000					26,000
King's Pointe Area Mower	PARKS-26-04	n/a				10,000		10,000
Parks Department Total			415,000	676,600	345,000	415,000	303,000	2,154,600
Police Department								
Patrol Vehicle	PD-17-01	2	112,000	55,000	59,000	124,000	62,000	412,000
Police Supervisor's Vehicle	PD-19-01	2			59,000			59,000
Copier	PD-19-02	1	11,000					11,000
CSO Truck	PD-21-01	3		30,000				30,000
Body/In-Car Camera Rotation & Redaction Subscrip	PD-21-02	1	28,000					28,000
Unmarked Vehicle	PD-23-01	1		40,000			45,000	85,000
West 7th Impound Surveillance & Equipment	PD-23-06	1	30,000					30,000
Camera/Switch Installation	PD-23-07	1	22,300					22,300
Interview Room Surveillance Camera/Equipment	PD-24-01	1	36,000					36,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Police Department Total			239,300	125,000	118,000	124,000	107,000	713,300
Sewer Collection								
Sewer Line Camera & Trailer	SEWCL-19-01	1	120,000					120,000
Sewer Line Replacement	SEWCL-23-02	1	15,000	165,000				180,000
Radio Road Extension	SEWCL-23-03	2	130,000					130,000
Old Dredge Spoil Site Sewer	SEWCL-24-01	3		100,000				100,000
Sunrise Cabin Sewer Line	SEWCL-24-02	3		100,000				100,000
1st Street CIPP	SEWCL-25-01	1			1,050,000			1,050,000
Jet/Vac Truck	SEWCL-26-01	1				480,000		480,000
Sewer Collection Total			265,000	365,000	1,050,000	480,000		2,160,000
Storm Water								
Project Set-Aside	STW-17-01	n/a	30,000	30,000	30,000	30,000	30,000	150,000
1 Ton Truck	STW-22-01	1	60,000					60,000
Aux Engines	STW-22-02	n/a			15,000			15,000
Storm Water Total			90,000	30,000	45,000	30,000	30,000	225,000
Street Department								
Plow Truck	ST-17-02	2	225,000					225,000
East 4th Street	ST-18-04	1					627,000	627,000
North Lake Ave. Overlay	ST-18-05	2				1,268,500		1,268,500
Dump Truck #13	ST-18-06	3		145,000				145,000
Wheel Loader #126	ST-19-10	3	250,000					250,000
Oneida Street- Lakeshore	ST-21-01	n/a				280,000	2,080,000	2,360,000
Building Upgrades	ST-22-02	2		205,000				205,000
Richland Phase 2	ST-22-03	3	528,850					528,850
Backhoe	ST-23-03	n/a			225,000			225,000
Plow Truck #59	ST-23-04	n/a			175,000			175,000
Infrastructure Plan Management	ST-23-06	2	300,000	250,000	250,000	250,000	250,000	1,300,000
Tandem Plow Truck	ST-23-07	1	250,000					250,000
Grapple Bucket	ST-23-09	1	30,000					30,000
Traffic Light Backup System	ST-23-10	1	35,000					35,000
Sandblaster	ST-23-11	1	25,000					25,000
Traffic Study Count	ST-23-12	1	15,000					15,000
Side Dump Trailer	ST-24-01	3		15,000				15,000
Plow Truck #60	ST-24-02	n/a		200,000				200,000
Tree Truck #20	ST-24-03	n/a		135,000				135,000
Water Truck #7	ST-24-04	n/a		135,000				135,000
Mower #19	ST-25-01	n/a			100,000			100,000
Plow Truck #24	ST-25-02	n/a			135,000			135,000
Motor Grader #62	ST-25-03	n/a				225,000		225,000
Skidload w/ Attachments	ST-25-04	2			120,000			120,000
Fork Lift	ST-26-01	n/a				30,000		30,000
Towable Lift	ST-27-01	3					35,000	35,000
Street Department Total			1,658,850	1,085,000	1,005,000	2,053,500	2,992,000	8,794,350
Wastewater Treatment Facility								
1st Street Lift Station Replacement	WWTP-18-05	1		389,760				389,760
Blowers	WWTP-19-01	1				200,000	200,000	400,000
Thickener Tanks (2)	WWTP-21-06	1		336,000	336,000			672,000
VFD Compressor	WWTP-23-02	2					40,000	40,000
A-Basin Diffusers	WWTP-23-05	2	75,000					75,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Skid Loader	WWTP-23-06	3	130,000					130,000
WWTP New Permit Requirements	WWTP-23-09	1	100,000	400,000	3,120,000	3,100,000		6,720,000
Scout Park Lift Station Full Replacment	WWTP-23-11	1	144,000	1,200,000				1,344,000
Ice House Lift Station Replacement	WWTP-23-12	1		504,000				504,000
Sludge Auger	WWTP-23-15	1	70,000					70,000
Spare Pump	WWTP-23-16	1	80,000					80,000
Emerald Park LS Rehab	WWTP-23-17	1	7,500	58,500				66,000
Applicator Truck	WWTP-24-03	2	150,000					150,000
Parking Lot Expansion	WWTP-24-04	4		40,000				40,000
Golf Course LS Improvements	WWTP-24-05	1	12,000	100,000				112,000
IPS Lift Station Reconstruction	WWTP-25-03	1	33,000	265,525				298,525
Campground Lift Station Pumps	WWTP-25-04	1			109,560			109,560
Crane Truck	WWTP-25-05	3			150,000			150,000
Storage/Vehicle Building	WWTP-26-01	3				300,000		300,000
Wastewater Treatment Facility Total			801,500	3,293,785	3,715,560	3,600,000	240,000	11,650,845
Water Distribution								
Water Line Replacement Set-A-Side	WD-17-01	1	180,000	180,000	180,000	180,000	180,000	900,000
4th Street Watermain Replacement	WD-22-04	n/a	130,000					130,000
4" Cast Main Replacement	WD-23-03	1	42,000	42,000	42,000	42,000	42,000	210,000
18" Water Line Installation	WD-23-05	1				100,000	18,000,000	18,100,000
Old Spoil Site Water Line Installation	WD-23-06	1		100,000				100,000
Sunrise Cabin Water Line Install	WD-23-07	1	100,000					100,000
Water Distribution Total			452,000	322,000	222,000	322,000	18,222,000	19,540,000
Water Meters								
Towers for Auto Reading of Meters	WM-21-02	1		60,000				60,000
Water Meters Total				60,000				60,000
Water Plant								
Slaker Replacement	WP-20-01	1	163,500	160,000				323,500
Lime Sludge Press & Building with Storage	WP-21-01	1	457,200	3,810,000				4,267,200
Water Tower	WP-22-04	1	592,000	4,936,000				5,528,000
Well 3 Replacement	WP-23-14	1		103,560	863,000			966,560
Well 11 Replacement	WP-23-15	1		91,680	764,000			855,680
Well 15 & Line Replacement	WP-23-16	1	216,000	1,800,000				2,016,000
Well Rehab	WP-23-17	1	36,000	300,000	200,000	200,000	200,000	936,000
Tower Mixers	WP-23-18	1		150,000				150,000
Filter Media	WP-23-19	1		165,000				165,000
CO2 System	WP-23-20	1	64,200	535,000				599,200
Basin 1 Repairs	WP-24-02	1	60,500	504,000				564,500
Clearwell 1 Maintenance	WP-25-02	1			50,000			50,000
Jordan Well	WP-25-03	1		414,000	3,450,000			3,864,000
Tower 1 Recoating	WP-26-01	3					1,322,720	1,322,720
Tower 2 Recoating	WP-26-02	3			1,057,300			1,057,300
Tower 4 Insulation	WP-26-04	1			500,000			500,000
Water Plant Expansion	WP-28-01	1	308,000			450,000	450,000	1,208,000
Well 4 Replacement	WP-28-02	1					414,000	414,000
Water Plant Total			1,897,400	12,969,240	6,884,300	650,000	2,386,720	24,787,660
GRAND TOTAL			8,054,029	20,499,055	15,146,636	9,313,974	27,031,970	80,045,664

Staff Summary

1/17/2022

Agenda Item # 4.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
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REPORT TO: Honorable Mayor and City Council

FROM: Brian Oakleaf, Finance Director

SUBJECT: **Resolution No. 57-R-2021-2022 Approving FY 2023-2027 Capital Improvement Plan**

BACKGROUND: Budget workshops were held on December 6th and December 20th. The final CIP incorporates the requests made by City Council discussed during the workshop.

FISCAL IMPACT: While five fiscal years are presented for planning purposes, Council may only officially approve one year of expenditures at a time and the actual fiscal impact will be approved through the official City Budget.

RECOMMENDATION: Approve Resolution No. 57-R-2021-2022

ATTACHMENTS:

Description	Type
Capital Improvement Plan	Backup Material
Resolution No. 57-R-2021-2022	Resolution

City of Storm Lake, Iowa
Capital Improvement Plan
 2023 thru 2027

PROJECTS BY DEPARTMENT

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Administration								
City Hall Updates	ADMN-17-01	3	20,000	20,000	20,000	20,000	20,000	100,000
Sesquicentennial Project	ADMN-23-01	n/a	60,000					60,000
Website Re-Design	ADMN-23-02	1	15,000					15,000
Fiber Line Installation	ADMN-23-03	n/a	633,500					633,500
Copier	ADMN-23-04	1	11,000					11,000
Administration Total			739,500	20,000	20,000	20,000	20,000	819,500
Airport								
Lighting Replacement 17/35	AIR-21-01	2	46,870	434,930				481,800
Dump truck/Plow	AIR-21-02	4		225,000				225,000
Tank Monitor Replacement	AIR-23-02	2	21,000					21,000
Apron Expansion	AIR-26-01	1			70,776	691,224		762,000
Airport Total			67,870	659,930	70,776	691,224		1,489,800
Building/Code Enforcement								
Vehicle Replacement	CODE-20-01	2		45,000			45,000	90,000
Building/Code Enforcement Total				45,000			45,000	90,000
Campground								
Cable Box/Service Line Replacement	CG-21-07	n/a		10,000				10,000
Campground Flood Mitigation	CG-21-08	1	100,000					100,000
Additional Long Term Parking Lot	CG-22-03	4			250,000			250,000
Playground Equipment	CG-23-01	1	40,000					40,000
Exit Gate Replacement	CG-24-01	2	20,000					20,000
Picnic Table Concrete Pads	CG-25-01	3			10,000	10,000	10,000	30,000
Seal Coat	CG-25-02	2		65,000	60,000			125,000
14 Site Renovation	CG-27-01	2					25,000	25,000
Middle Campground Renovation	CG-27-02	2					25,000	25,000
Campground Total			160,000	75,000	320,000	10,000	60,000	625,000
Cottages								
Cottage Refresh/Remodel	COT-21-01	1		40,000				40,000
New Incoming Cable Lines	COT-21-04	1		20,000				20,000
Cottages Total				60,000				60,000
Economic/Community Development								
Project Set-A-Side	ED-23-01	1	50,000	50,000	50,000	50,000	50,000	250,000
Community Survey	ED-23-02	1	20,000					20,000
Downtown Revit Design	ED-23-03	1		150,000	100,000	450,000		700,000
Dredge Spoil Site Development	ED-23-04	3	100,000					100,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Economic/Community Development Total			170,000	200,000	150,000	500,000	50,000	1,070,000
Fire Department								
FD Mobile Devices	FIRE-17-07	3		12,000				12,000
Replace Engine #75	FIRE-23-04	1			630,000			630,000
Fire Station Expansion/Remodel	FIRE-23-05	1			115,000	115,000	2,300,000	2,530,000
Thermal Imaging Cameras for Masks	FIRE-23-09	1		12,000	12,000	12,000		36,000
Multi-force Air Lifting Bags	FIRE-24-01	3	6,700					6,700
Trenching Shoring Kit	FIRE-24-03	2	20,000					20,000
Hydrafusion Strut Kit 16"	FIRE-24-04	2	7,000					7,000
Door Access	FIRE-25-01	1			4,100			4,100
RAM Fan Unit	FIRE-25-03	2			5,600			5,600
Hose Drying Rack	FIRE-25-04	2			4,300			4,300
Fire Department Total			33,700	24,000	771,000	127,000	2,300,000	3,255,700
Golf Course								
Rough Mower	GOLF-18-01	1				80,000		80,000
Clubhouse Renovation	GOLF-20-01	1	40,000					40,000
Pro Core 648 Aerifier	GOLF-20-02	2					25,000	25,000
Greens Mower	GOLF-22-01	1		43,000				43,000
Fairway Mower	GOLF-22-02	2					60,000	60,000
Utility Vehicle	GOLF-23-03	2	25,000					25,000
Garage Door	GOLF-23-05	1	7,000					7,000
Greens Roller	GOLF-24-01	3		13,000				13,000
EZ-GO Workhorse	GOLF-24-05	1		21,000				21,000
Gator Pro	GOLF-25-02	2			50,000			50,000
Golf Course Total			72,000	77,000	50,000	80,000	85,000	364,000
Kings Pointe								
Resort Remodel and Refresh	KP-17-04	1				186,250	186,250	372,500
Mattresses	KP-23-01	2	33,000	33,000	33,000			99,000
Fitness Room Equipment	KP-23-02	2	25,000					25,000
Guestroom Microwaves	KP-23-03	2	6,500					6,500
Snack Shack AC Unit	KP-23-04	2	10,000					10,000
Water Park Slide Reno/Insulation	KP-23-05	1	120,000					120,000
Kiddie Fort Repairs	KP-23-06	1	40,000					40,000
Guestroom Pillows	KP-23-07	2	5,000					5,000
BOH AC Unit	KP-23-08	1	14,000					14,000
Guest Available Ice Machine	KP-23-09	3	6,000	6,000				12,000
Heat Pump	KP-23-10	2	10,000					10,000
Phone System	KP-23-11	1	33,000					33,000
Kuerig Coffee Makers	KP-23-12	2	10,000					10,000
Guest Room Dispensers	KP-23-13	3	8,000					8,000
Recreational Equipment	KP-23-14	2	25,000					25,000
Hotel/Waterpark Signage	KP-23-15	2	25,000					25,000
Wall Divider	KP-24-01	1		40,000				40,000
Sound System	KP-24-02	2		10,000				10,000
Deck Furniture	KP-24-03	2		15,000				15,000
Sofa Sleepers	KP-24-04	2		38,000				38,000
Circulation Pump	KP-24-05	2		6,000				6,000
Pool Tower Repairs	KP-24-06	1		160,000				160,000
Replace Flooring in Regatta	KP-24-07	3		12,000				12,000
HSIA Upgrades	KP-24-08	2		20,000				20,000
Corridor Carpet	KP-25-01	2			65,000			65,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Roof Replacement	KP-25-02	1			265,000			265,000
Kings Pointe Total			370,500	340,000	363,000	186,250	186,250	1,446,000
Library								
Library Security Cameras	LIB-17-02	2	4,500					4,500
Tuck Pointing	LIB-23-02	1				20,000		20,000
CDBG- COVID(CV) Projects	LIB-23-03	1	607,909					607,909
Shelving Replacement	LIB-24-01	4		21,500	12,000			33,500
Security Gate at Entrances	LIB-24-03	1		45,000				45,000
Exterior Pergola	LIB-27-01	3	9,000					9,000
Library Total			621,409	66,500	12,000	20,000		719,909
Outdoor Water Park								
OWP Circulation Pump	OWP-20-02	1		5,000	5,000	5,000	5,000	20,000
Outdoor Water Park Total				5,000	5,000	5,000	5,000	20,000
Parks Department								
Dock Replacement/New	PARKS-17-04	n/a	25,000	25,000	30,000	30,000	30,000	140,000
ADA Dock Replacement	PARKS-17-05	1	50,000					50,000
Trail- Set-Aside	PARKS-18-02	n/a		100,000	25,000	25,000	25,000	175,000
Kiwanis Park	PARKS-19-04	1				75,000		75,000
Utility Vehicle	PARKS-20-03	4					48,000	48,000
New Holland Replacements	PARKS-20-04	3			75,000			75,000
10th Street Park	PARKS-20-08	1	30,000	30,000				60,000
Recreation Set-Aside	PARKS-23-01	3	75,000	75,000	75,000	75,000	75,000	375,000
1 Ton Pickup- Replace #92	PARKS-23-02	n/a	49,000					49,000
1/2 Ton Pickup- Replace #30	PARKS-23-03	n/a			40,000			40,000
Trailer	PARKS-23-04	n/a		9,600				9,600
Pickup- Replace #84	PARKS-23-05	n/a	50,000					50,000
Awaysis Park Upgrades	PARKS-23-06	1	25,000	175,000				200,000
Chautauqua Shelter/Parks Security	PARKS-23-07	1	25,000					25,000
Vegetation Management Plan	PARKS-23-08	1	25,000	25,000	25,000	25,000	25,000	125,000
W9th Ballfield Fence	PARKS-24-01	2	35,000					35,000
New Service Pickup	PARKS-24-04	n/a		46,000				46,000
Large Area Mower	PARKS-24-05	n/a		75,000		75,000		150,000
Toolcat with Dump Box	PARKS-24-06	n/a		56,000				56,000
Irrigation System	PARKS-24-07	n/a		60,000				60,000
Mower- Unit #5	PARKS-25-01	n/a			75,000			75,000
Playground Equipment	PARKS-26-02	n/a				100,000	100,000	200,000
Beach Restoration Equipment	PARKS-26-03	n/a	26,000					26,000
King's Pointe Area Mower	PARKS-26-04	n/a				10,000		10,000
Parks Department Total			415,000	676,600	345,000	415,000	303,000	2,154,600
Police Department								
Patrol Vehicle	PD-17-01	2	112,000	55,000	59,000	124,000	62,000	412,000
Police Supervisor's Vehicle	PD-19-01	2			59,000			59,000
Copier	PD-19-02	1	11,000					11,000
CSO Truck	PD-21-01	3		30,000				30,000
Body/In-Car Camera Rotation & Redaction Subscrip	PD-21-02	1	28,000					28,000
Unmarked Vehicle	PD-23-01	1		40,000			45,000	85,000
West 7th Impound Surveillance & Equipment	PD-23-06	1	30,000					30,000
Camera/Switch Installation	PD-23-07	1	22,300					22,300
Interview Room Surveillance Camera/Equipment	PD-24-01	1	36,000					36,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Police Department Total			239,300	125,000	118,000	124,000	107,000	713,300
Sewer Collection								
Sewer Line Camera & Trailer	SEWCL-19-01	1	120,000					120,000
Sewer Line Replacement	SEWCL-23-02	1	15,000	165,000				180,000
Radio Road Extension	SEWCL-23-03	2	130,000					130,000
Old Dredge Spoil Site Sewer	SEWCL-24-01	3		100,000				100,000
Sunrise Cabin Sewer Line	SEWCL-24-02	3		100,000				100,000
1st Street CIPP	SEWCL-25-01	1			1,050,000			1,050,000
Jet/Vac Truck	SEWCL-26-01	1				480,000		480,000
Sewer Collection Total			265,000	365,000	1,050,000	480,000		2,160,000
Storm Water								
Project Set-Aside	STW-17-01	n/a	30,000	30,000	30,000	30,000	30,000	150,000
1 Ton Truck	STW-22-01	1	60,000					60,000
Aux Engines	STW-22-02	n/a			15,000			15,000
Storm Water Total			90,000	30,000	45,000	30,000	30,000	225,000
Street Department								
Plow Truck	ST-17-02	2	225,000					225,000
East 4th Street	ST-18-04	1					627,000	627,000
North Lake Ave. Overlay	ST-18-05	2				1,268,500		1,268,500
Dump Truck #13	ST-18-06	3		145,000				145,000
Wheel Loader #126	ST-19-10	3	250,000					250,000
Oneida Street- Lakeshore	ST-21-01	n/a				280,000	2,080,000	2,360,000
Building Upgrades	ST-22-02	2		205,000				205,000
Richland Phase 2	ST-22-03	3	528,850					528,850
Backhoe	ST-23-03	n/a			225,000			225,000
Plow Truck #59	ST-23-04	n/a			175,000			175,000
Infrastructure Plan Management	ST-23-06	2	300,000	250,000	250,000	250,000	250,000	1,300,000
Tandem Plow Truck	ST-23-07	1	250,000					250,000
Grapple Bucket	ST-23-09	1	30,000					30,000
Traffic Light Backup System	ST-23-10	1	35,000					35,000
Sandblaster	ST-23-11	1	25,000					25,000
Traffic Study Count	ST-23-12	1	15,000					15,000
Side Dump Trailer	ST-24-01	3		15,000				15,000
Plow Truck #60	ST-24-02	n/a		200,000				200,000
Tree Truck #20	ST-24-03	n/a		135,000				135,000
Water Truck #7	ST-24-04	n/a		135,000				135,000
Mower #19	ST-25-01	n/a			100,000			100,000
Plow Truck #24	ST-25-02	n/a			135,000			135,000
Motor Grader #62	ST-25-03	n/a				225,000		225,000
Skidload w/ Attachments	ST-25-04	2			120,000			120,000
Fork Lift	ST-26-01	n/a				30,000		30,000
Towable Lift	ST-27-01	3					35,000	35,000
Street Department Total			1,658,850	1,085,000	1,005,000	2,053,500	2,992,000	8,794,350
Wastewater Treatment Facility								
1st Street Lift Station Replacement	WWTP-18-05	1		389,760				389,760
Blowers	WWTP-19-01	1				200,000	200,000	400,000
Thickener Tanks (2)	WWTP-21-06	1		336,000	336,000			672,000
VFD Compressor	WWTP-23-02	2					40,000	40,000
A-Basin Diffusers	WWTP-23-05	2	75,000					75,000

Department	Project #	Priority	2023	2024	2025	2026	2027	Total
Skid Loader	WWTP-23-06	3	130,000					130,000
WWTP New Permit Requirements	WWTP-23-09	1	100,000	400,000	3,120,000	3,100,000		6,720,000
Scout Park Lift Station Full Replacment	WWTP-23-11	1	144,000	1,200,000				1,344,000
Ice House Lift Station Replacement	WWTP-23-12	1		504,000				504,000
Sludge Auger	WWTP-23-15	1	70,000					70,000
Spare Pump	WWTP-23-16	1	80,000					80,000
Emerald Park LS Rehab	WWTP-23-17	1	7,500	58,500				66,000
Applicator Truck	WWTP-24-03	2	150,000					150,000
Parking Lot Expansion	WWTP-24-04	4		40,000				40,000
Golf Course LS Improvements	WWTP-24-05	1	12,000	100,000				112,000
IPS Lift Station Reconstruction	WWTP-25-03	1	33,000	265,525				298,525
Campground Lift Station Pumps	WWTP-25-04	1			109,560			109,560
Crane Truck	WWTP-25-05	3			150,000			150,000
Storage/Vehicle Building	WWTP-26-01	3				300,000		300,000
Wastewater Treatment Facility Total			801,500	3,293,785	3,715,560	3,600,000	240,000	11,650,845
Water Distribution								
Water Line Replacement Set-A-Side	WD-17-01	1	180,000	180,000	180,000	180,000	180,000	900,000
4th Street Watermain Replacement	WD-22-04	n/a	130,000					130,000
4" Cast Main Replacement	WD-23-03	1	42,000	42,000	42,000	42,000	42,000	210,000
18" Water Line Installation	WD-23-05	1				100,000	18,000,000	18,100,000
Old Spoil Site Water Line Installation	WD-23-06	1		100,000				100,000
Sunrise Cabin Water Line Install	WD-23-07	1	100,000					100,000
Water Distribution Total			452,000	322,000	222,000	322,000	18,222,000	19,540,000
Water Meters								
Towers for Auto Reading of Meters	WM-21-02	1		60,000				60,000
Water Meters Total				60,000				60,000
Water Plant								
Slaker Replacement	WP-20-01	1	163,500	160,000				323,500
Lime Sludge Press & Building with Storage	WP-21-01	1	457,200	3,810,000				4,267,200
Water Tower	WP-22-04	1	592,000	4,936,000				5,528,000
Well 3 Replacement	WP-23-14	1		103,560	863,000			966,560
Well 11 Replacement	WP-23-15	1		91,680	764,000			855,680
Well 15 & Line Replacement	WP-23-16	1	216,000	1,800,000				2,016,000
Well Rehab	WP-23-17	1	36,000	300,000	200,000	200,000	200,000	936,000
Tower Mixers	WP-23-18	1		150,000				150,000
Filter Media	WP-23-19	1		165,000				165,000
CO2 System	WP-23-20	1	64,200	535,000				599,200
Basin 1 Repairs	WP-24-02	1	60,500	504,000				564,500
Clearwell 1 Maintenance	WP-25-02	1			50,000			50,000
Jordan Well	WP-25-03	1		414,000	3,450,000			3,864,000
Tower 1 Recoating	WP-26-01	3					1,322,720	1,322,720
Tower 2 Recoating	WP-26-02	3			1,057,300			1,057,300
Tower 4 Insulation	WP-26-04	1			500,000			500,000
Water Plant Expansion	WP-28-01	1	308,000			450,000	450,000	1,208,000
Well 4 Replacement	WP-28-02	1					414,000	414,000
Water Plant Total			1,897,400	12,969,240	6,884,300	650,000	2,386,720	24,787,660
GRAND TOTAL			8,054,029	20,499,055	15,146,636	9,313,974	27,031,970	80,045,664

RESOLUTION NO. 57-R-2021-2022

RESOLUTION APPROVING THE CITY OF STORM LAKE 5-YEAR CAPITAL IMPROVEMENTS PLAN

WHEREAS, the City of Storm Lake has a need to develop a 5-Year Capital Improvements Plan that will assist city staff and the City Council in the development of long term capital funding priorities; and

WHEREAS, each department of the City of Storm Lake has submitted and prioritized potential projects for the next five fiscal years; and

WHEREAS, the City Manager and City Council have reviewed and prioritized those projects based on potential funding sources in each fund; and

WHEREAS, the proposed 5-Year Capital Improvements Plan has been reviewed and commented on by the City Council during their Budget Workshops in December 2021.

NOW, THEREFORE BE IT HEREBY RESOLVED, that the Storm Lake City Council formally approves the City's FY 2023-2027 5-Year Capital Improvement Plan as a planning document for the entire city organization.

PASSED AND APPROVED this 17th day of January, 2022.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

Staff Summary

1/17/2022

Agenda Item # 5.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Brian Oakleaf, Finance Director

SUBJECT: **Motion to Set Public Hearing on Setting Tax Levy Rate and Maximum Property Tax Dollars**

BACKGROUND: This agenda item will set a Public Hearing for Setting the Tax Levy Rate and establishing the Maximum Property Tax Dollars as required by State Code stated in SF 634.

The Public Hearing will be Monday, February 7th, 2022 at 5:00 P.M. in City Council Chambers.

Notice of the Public Hearing will be published in the newspaper and added to the City's website and social media accounts as required by law.

FISCAL IMPACT: The fiscal impact to set the public hearing is the cost of publication.

RECOMMENDATION: Set the Public Hearing for February 7th, 2022 at 5:00 p.m. in Council Chambers

Staff Summary

1/17/2022

Agenda Item # 6.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Scott Olesen, Building & Code Compliance Director

SUBJECT: **Ordinance No. 08-O-2021-2022 Amending the Zoning Ordinance For Proposed Re-Zoning Of A Parcel Located At 1012 HWY 110 - 2nd Reading**

BACKGROUND: Bernardo Friesen is requesting a change in the Zoning designation of a parcel of property he owns which is generally located Section 8, T-90-N , R-37-W 5th P.M. SE NW.
Described as : A TRACT OF LAND LOCATED IN THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE ¼ NW ¼) OF SECTION 8, TOWNSHIP 90 NORTH, RANGE 37 WEST OF THE 5TH P.M., WITHIN THE CORPORATE LIMITS OF THE CITY OF STORM LAKE, BUENA VISTA COUNTY, IOWA,
The full legal description is included in the attached exhibit in this staff summary.

Bernardo Friesen is requesting that the property be Re-Zoned as R-1, Residential.
The current Zoning District designation for this parcel is RES, Reserve District.
The RES Zoning District is used for properties as they are annexed into the City limits and for which there is no immediate proposal for use of the property other than the existing use, which is typically agricultural. This is the case with the property for which Mr. Friesen is requesting a change in Zoning. It has been used for agricultural purpose to this point in time.

The proposed request for re-zoning would extend the R-1 Zoning District from the parcels directly to the North and East and therefore would not create an island or "spot zone". The proposed use of the property would be single family homes.

The Planning and Zoning Commission meet December 28th and has made recommendation to the City Council approve of the rezoning request.

FISCAL IMPACT: Approximately \$300.00 for the cost of publication, mailings, and Attorney's fees.

RECOMMENDATION: Approve 2nd Reading on Ordinance No. 08-O-2021-2022 Amending the Zoning Ordinance For Proposed Re-Zoning Of A Parcel Located At 1012 HWY 110

ATTACHMENTS:

Description	Type
▣ Ordinance No. 08-O-2021-2022	Ordinance
▣ Application	Backup Material
▣ Map	Map
▣ Full Legal Description	Backup Material

ORDINANCE NO. 08-O-2021-2022

ORDINANCE AMENDING THE ZONING ORDINANCE OF THE CITY OF STORM LAKE, IOWA BY CHANGING THE ZONING CLASSIFICATION OF CERTAIN REAL ESTATE

WHEREAS, after due notice of intended action as provided by law, the City Council of the City of Storm Lake, Iowa, has determined that the zoning ordinance of this City should be amended as set forth below; and

WHEREAS, said action has been recommended by the Planning and Zoning Commission of the City of Storm Lake, Iowa.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Storm Lake, Iowa, that, pursuant to Article IV, Section 406 of the Zoning Ordinance of the City of Storm Lake, Iowa, the official zoning map, as referred to therein, is hereby amended as follows:

The real estate parcel identified for taxation purposes as Parcel Number 1408176010, legally described as:

A TRACT OF LAND LOCATED IN THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE ¼ NW ¼) OF SECTION 8, TOWNSHIP 90 NORTH, RANGE 37 WEST OF THE 5TH P.M., WITHIN THE CORPORATE LIMITS OF THE CITY OF STORM LAKE, BUENA VISTA COUNTY, IOWA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Commencing at the Southeast (SE) Corner of the Northwest Quarter (NW ¼) of said Section 8; Thence North 00° 28' 08" West, along the East line of said Northwest Quarter (NW ¼), 115.00 feet to the Point of Beginning. Thence continuing North 00° 28' 08" West, along said East line, 861.93 feet to the South line of Lot A in said Section 8; Thence South 89° 43' 15" West, along said South line, 415.65 feet to the Southwest (SW) corner of said Lot A; Thence South 00° 28' 08" East, 860.64 feet; Thence North 89° 53' 53" East, 415.65 feet to the Point of Beginning. Tract contains 8.22 Acres and is subject to all easements of record

are hereby rezoned from a district classification of RES (Reserve District) to a district classification of R-1 (Low Density Residential).

This ordinance shall be in full force and effect from and after its passage and publication as provided by law.

PASSED AND APPROVED this _____ day of _____, 2022.

Michael Porsch, Mayor

ATTEST:

Mayra A Martinez, City Clerk

MINOR SUBDIVISION REQUEST

CITY OF STORM LAKE

PLANNING AND ZONING COMMISSION and CITY COUNCIL



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

PROPERTY ADDRESS:

1012 Highway 110

PROPERTY OWNER:

Ben Friesen

OWNER ADDRESS
(if different than above):

1124 E 8th St Storm Lake
IA 50588

OWNER PHONE NUMBER:

712-299-3744

OWNER EMAIL:

bfriesen9@msn.com

The City of Storm Lake Subdivision Ordinance requires the property owner to submit the information located in Article 3 of the Storm Lake Subdivision Ordinance and in the Subdivision Checklist, which must accompany this application before it can be considered by the Planning and Zoning Commission and the City Council:

6 copies of the proposed plat must be submitted per the Subdivision Ordinance and 8 copies are required for subdivisions outside the corporate limits.

This application must be submitted along with all supporting documents to City Hall at least 30 calendar days before the Planning and Zoning meeting.

Attach a plat showing the locations, dimensions, and use of the applicant's property and all property within three hundred (300') feet including streets, alleys, railroads, and other physical features.

If disturbing more than an acre of land, you will need to apply for a NPDES General Permit #2 with Iowa Department of Natural Resources.

The request for a minor subdivision will be heard by the Planning and Zoning Commission and the City Council at separate meetings. A minor subdivision can have simultaneous review of a preliminary and final plat.

The City of Storm Lake will notify all property owners within three hundred (300') feet of the applicant's property notifying them of the upcoming hearing.

The City of Storm Lake will notify the applicant of the hearing date.

The City of Storm Lake will publish a public hearing notice in a locally circulated newspaper not less than 10 days and no more than 20 days prior to the meeting.

A non refundable application fee of **\$300.00** is required at time of the application. The fee will not be refunded if the request is denied by the Planning and Zoning Commission or the City Council.

MINOR SUBDIVISION REQUEST

CITY OF STORM LAKE

PLANNING AND ZONING COMMISSION and CITY COUNCIL



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

ADDRESS OF PROPERTY:

1012 Highway 110

LEGAL DESCRIPTION OF PROPERTY:

08-90-37 Storm Lake Corp
Haye tract #1 in sec 14

PRESENT ZONING CLASSIFICATION:

RES

REQUESTED ZONING CLASSIFICATION:

R-1

EXISTING USE OF PROPERTY:

Farm field

REQUESTED USE OF PROPERTY:

Single family dwellings.

SIGNATURE OF PROPERTY OWNER:

Brieven

Date:

11-11-21

City of Storm Lake Use

Meeting Date:

Appeal No.:

Application Fee Paid:

Date:

Date Application Deemed Complete:



www.iowadot.gov

FINAL TERMS AND CONDITIONS

Acknowledgement of requirements and stipulations

Request Number : 6444

Date: October 28, 2021

Applicant Ben Friesen
1124 E 8TH
Storm Lake ,IA 50588
712-299-3744
bfriesen9@msn.com

Access Use : Access to a residential or farm property

Access Type : Type C

Operational Restrictions : All Directions

LOCATION DATA

Highway: IA 110 N County: Buena Vista District: 3
Side of road: West Reference Post: 12 Offset: 0.964
Section: 8 Township: T90N Range: R37W

ENTRANCE DETAIL

Access Width: 25 Radius(feet): (1) 25 (2) 25
Pipe size (inches): 24 Pipe length (feet): 50 Pipe apron required: No
Enclosures: Standard Terms and Conditions

SPECIAL REQUIREMENTS / STIPULATIONS

DECLARATION

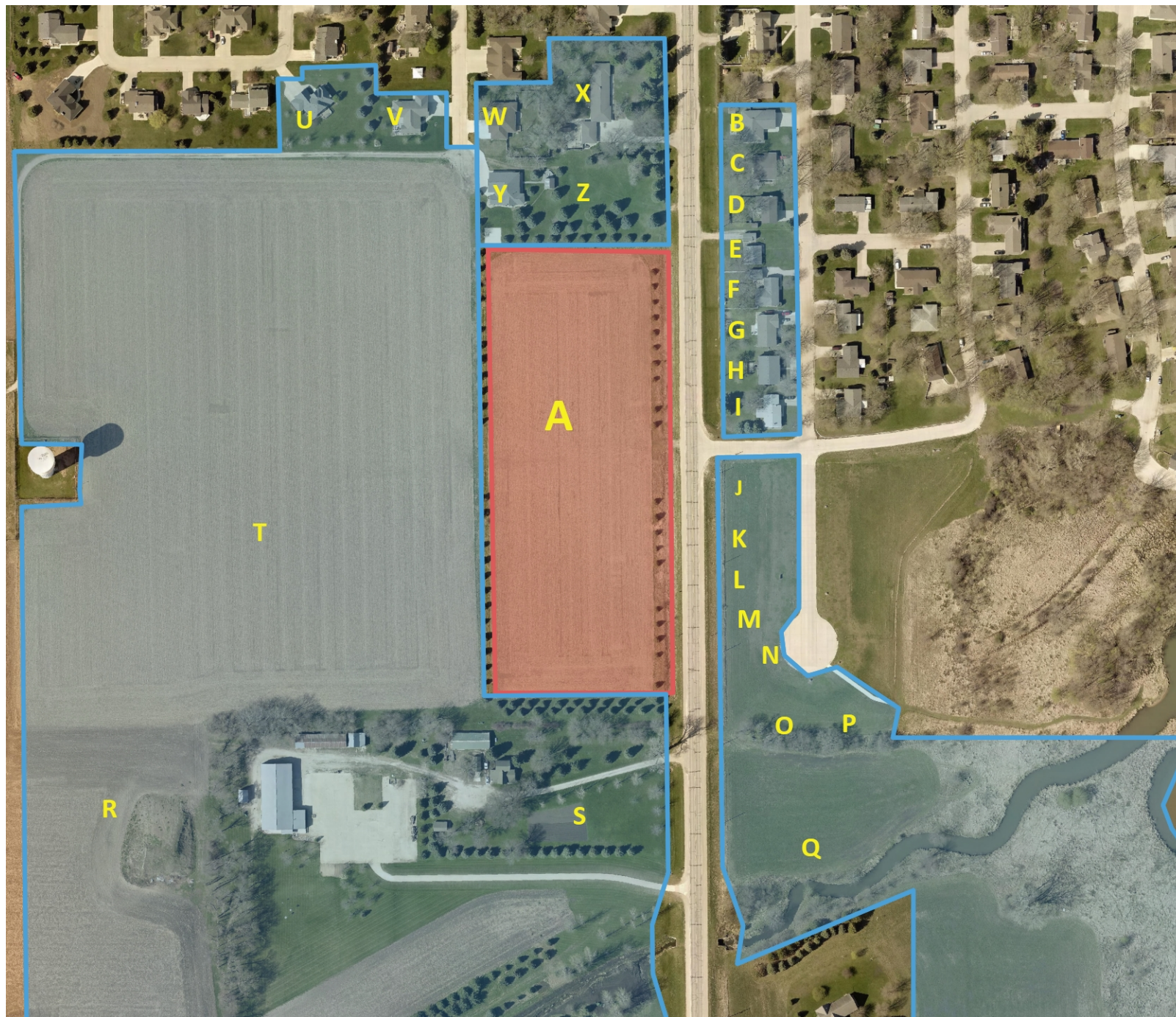
Under penalty of perjury, I, Ben Friesen, declare I am the legal owner of record of the property abutting the Primary Highway System for which this permit will be issued. Intentional misrepresentation of existing or future conditions shall be considered sufficient grounds for application rejection, permit denial or revocation of a permit. The terms and conditions of this permit are binding upon all assigns, successors - In-interest, heirs and occupants. Any changes in the use of a permitted entrance shall require a issuance of a revised permit.

Permittee agrees to indemnify, defend and hold harmless the State Of Iowa and employees and agents in both their official and individual capacity, from any and all liability, claims, damages and expenses including attorney's fees and litigation costs, resulting from or arising out of the construction or continues use of the permitted access connection. If the entrance is not constructed within one year from date of issuance of the permit by the Iowa DOT, the Iowa DOT shall render this agreement and request null and void.

Declarant Signature:

Date:

10/28/21



Legend

Map Name



Disclaimer:

This drawing is neither a legally recorded map nor a survey and is not intended to be used as one. This drawing is a compilation of records, information, and data located in various city, county, and state offices, and other sources affecting the area shown, and is to be used for reference purposes only. The City of Storm Lake is not responsible for any inaccuracies herein contained.

0 263 Feet

© Bolton & Menk, Inc - Web GIS 12/7/2021 2:30 PM



DESCRIPTION

A TRACT OF LAND LOCATED IN THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE $\frac{1}{4}$ NW $\frac{1}{4}$) OF SECTION 8, TOWNSHIP 90 NORTH, RANGE 37 WEST OF THE 5TH P.M., WITHIN THE CORPORATE LIMITS OF THE CITY OF STORM LAKE, BUENA VISTA COUNTY, IOWA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

Commencing at the Southeast (SE) Corner of the Northwest Quarter (NW $\frac{1}{4}$) of said Section 8; Thence North 00° 28' 08" West, along the East line of said Northwest Quarter (NW $\frac{1}{4}$), 115.00 feet to the Point of Beginning. Thence continuing North 00° 28' 08" West, along said East line, 861.93 feet to the South line of Lot A in said Section 8; Thence South 89° 43' 15" West, along said South line, 415.65 feet to the Southwest (SW) corner of said Lot A; Thence South 00° 28' 08" East, 860.64 feet; Thence North 89° 53' 53" East, 415.65 feet to the Point of Beginning.

Tract contains 8.22 Acres and is subject to all easements of record.

Staff Summary

1/17/2022

Agenda Item # 7.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Ron Covert, Water Quality Operations Supervisor

SUBJECT: **Motion To Approve The Engineering Agreement With ISG for Storm Lake Elevated Water Storage - Tower No. 5 Project**

BACKGROUND: Engineering RFQ: In July 2018, the City issued a Notice of Request for Qualifications for General Engineering Services. On November 5, 2018, the Council selected ISG for water and wastewater engineering services. The initial agreement was for five years, but included an initial period of two years then followed by a three year extension. A three (3) year extension was approved on February 1, 2021 making the end date of the agreement 12-31-2023.

For specific projects, separate engineering agreements are considered and approved by Council.

FISCAL IMPACT: Rates as noted in the agreement

RECOMMENDATION: Approve the agreement for the Storm Lake Elevated Water Storage-Tower No. 5 Project with ISG and authorize the Mayor and City Clerk to sign

ATTACHMENTS:

Description	Type
□ Agreement	Contract

SHORT FORM OF AGREEMENT BETWEEN OWNER AND ENGINEER FOR PROFESSIONAL SERVICES

THIS IS AN AGREEMENT effective as of January 17, 2022 ("Effective Date") between the City of Storm Lake ("Owner") and I&S Group, Inc. ("Engineer").

Owner's Project, of which Engineer's services under this Agreement are a part, is generally identified as follows: **Storm Lake Elevated Water Storage - Tower No. 5** ("Project").

Engineer's services under this Agreement are generally identified as follows:

A. Preliminary Engineering Report

Engineer has previously prepared a Preliminary Engineering Report outlining the project necessity, options for placement, sizing, Engineer's Estimate of Cost for the options evaluated, and final recommendations of an elevated composite storage tank with storage for approximately 1,500,000 gallons of potable water. Engineer has reviewed the preliminary engineering report with the Owner for concurrence and has previously submitted the Report to IDNR for review and approval.

B. SRF Intended Use Plan (IUP) and Planning & Design (P&D) Loan Applications

Engineer will complete the SRF IUP Application to allow the project to become eligible for SRF construction loan financing. At the request of the Owner, Engineer will also assist the City with a P&D Loan application to cover costs incurred in the planning and design phase of the project. The P&D loan for the project may be rolled into the SRF construction loan.

C. Topographic Survey

Engineer will perform a topographic survey of the surrounding site and related utility infrastructure to generate site plans in design and prepare any easements exhibits as necessary.

D. Design

Prepare final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by the Contractor. Revise Drawings and Specifications as needed in response to review by Owner, Stakeholders, and applicable Public Agencies. Provide Owner with opinion of probable construction cost. Meet with Owner at 90% design completion to review the plans, specifications, and opinion of probable construct cost. Provide Final Plans and Specifications signed by licensed engineers to Owner.

Note: Engineer will assist the Owner with the RFQ process for geotechnical exploration after the final location for the elevated water tower is determined. The Owner will hire directly the selected firm to perform the geotechnical exploration and prepare a report of their findings. The Engineer will review and incorporate the findings of the geotechnical report into the design documents.

E. Permitting

Engineer will submit final plans and specifications to Iowa Department of Natural Resources (IDNR) along with necessary permit schedules to obtain a construction permit from IDNR.

F. Bid Administration

Prepare and furnish bidding documents for review by Owner, its legal counsel, and other advisors and revise bidding documents as needed. Assist with bid solicitation through notification and invitation of contractors, furnishing plans and specifications as requested, answer question of the contractors and Owner, issuance of addenda as necessary, attendance at the bid opening, preparation of recommendation of award letter, and contract preparation.

G. Construction Administration

Provide shop drawing review and participate in a Pre-Construction Conference prior to commencement of Work at the Site. Receive, review, and determine the acceptability of all schedules and requests that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, Schedule of Values, Pay Requests, and Change Orders. Perform site walk-through to approve project close-out and provide project closeout documents. Provide progress updates to Owner.

H. Construction Staking

As appropriate, establish baselines and benchmarks for locating the Work which in Engineer's judgement are necessary to enable Contractor to proceed. Provide construction surveys for staking to enable Contractor to perform work.

I. Resident Project Representative

Provide the services of a Resident Project Representative (RPR) at the site to assist the Engineer and to provide more extensive observation of Contractor's work. Duties, responsibilities, and authority of the RPR are as set forth in Exhibit A. The furnishing of such RPR's services will not limit, extend, or modify Engineer's responsibilities or authority except as expressly set forth in Exhibit A.

J. Third Party Inspection Services

As a supplement to Engineer's RPR services, ISG will utilize a 3rd party inspection company specializing in elevated storage tank fabrication and coating services. ISG will utilize KLM Engineering, Inc. for these inspection services. KLM inspectors are NACE and AWS certified and climb the tower daily during the erection process and during the coatings preparation and applications. KLM will also provide a 2-year warranty inspection to identify any issues to be addressed during the warranty period.

K. As-built drawings will be prepared based on RPR's field notes and Owner or Owner's representative's input at the end of construction and identify any changes to the Drawings and Specifications. Perform and provide alterations as deemed necessary.

Owner and Engineer further agree as follows:

1.01 Basic Agreement and Period of Service

- A. Engineer shall provide or furnish the Services set forth in this Agreement. If authorized by Owner, or if required because of changes in the Project, Engineer shall furnish services in addition to those set forth above ("Additional Services").
- B. Engineer shall complete its Services within a reasonable period of time.
- C. If, through no fault of Engineer, such periods of time or dates are changed, or the orderly and continuous progress of Engineer's Services is impaired, or Engineer's Services are delayed or suspended, then the time for completion of Engineer's Services, and the rates and amounts of Engineer's compensation, shall be adjusted equitably.

2.01 Payment Procedures

- A. *Invoices:* Engineer shall prepare invoices in accordance with its standard invoicing practices and submit the invoices to Owner on a monthly basis. Invoices are due and payable within 30 days of receipt. If Owner fails to make any payment due Engineer for Services, Additional Services, and expenses within 30 days after receipt of Engineer's invoice, then (1) the amounts due Engineer will be increased at the rate of 1.0% per month (or the maximum rate of interest permitted by law, if less) from said thirtieth day, and (2) in addition Engineer may, after giving seven days written notice to Owner, suspend Services under this Agreement until Engineer has been paid in full all amounts due for Services, Additional Services, expenses, and other related charges. Owner waives any and all claims against Engineer for any such suspension.
- B. *Payment:* As compensation for Engineer providing or furnishing Services and Additional Services, Owner shall pay Engineer as set forth in Paragraphs 2.01, and 2.02 (Services). If Owner disputes an invoice, either as to amount or entitlement, then Owner shall promptly advise Engineer in writing of the specific basis for doing so, may withhold only that portion so disputed, and must pay the undisputed portion.

2.02 Basis of Payment—Lump Sum and Hourly Rates

- A. Owner shall pay Engineer for Services as follows:

1. A Lump Sum amount of **\$284,500.**

- a. The Lump Sum Phases as included in the Proposal are subdivided as follows:

Preliminary Engineering Report	<u>\$N/A - previously completed</u>
SRF IUP and P&D Loan Applications	<u>\$4,000</u>
Topographic Survey	<u>\$14,000</u>
Design	<u>\$245,000</u>
Permitting	<u>\$6,500</u>

Bid Administration

\$15,000

2. An amount equal to the cumulative hours charged to the Project by each class of Engineer's employee's times standard hourly rates for each applicable billing class for all construction and material testing services performed on the Project, plus reimbursable expenses and Engineer's consultants' charges, if any. Engineer's standard hourly rates are attached as Appendix I. This amount is estimated at **\$257,262**.

- a. The Time and Materials Phases included in the Proposal are subdivided as follows:

Construction Administration

\$89,500

Construction Staking

\$6,500

Resident Project Representative

\$48,000

Third Party Inspection Services

\$110,762

As-Built Construction Drawings

\$2,500

- 2.03 *Additional Services:* For Additional Services, Owner shall pay Engineer an amount equal to the cumulative hours charged in providing the Additional Services by each class of Engineer's employees, times standard hourly rates for each applicable billing class; plus reimbursement of expenses incurred in connection with providing the Additional Services and Engineer's consultants' charges, if any.

3.01 *Termination*

- A. The obligation to continue performance under this Agreement may be terminated:

1. For cause,

- a. By either party upon 30 days written notice in the event of substantial failure by the other party to perform in accordance with the Agreement's terms through no fault of the terminating party. Failure to pay Engineer for its services is a substantial failure to perform and a basis for termination.

- b. By Engineer:

- 1) upon seven days written notice if Owner demands that Engineer furnish or perform services contrary to Engineer's responsibilities as a licensed professional; or
- 2) upon seven days written notice if the Engineer's Services are delayed for more than 90 days for reasons beyond Engineer's control, or as the result of the presence at the Site of undisclosed Constituents of Concern, as set forth in Paragraph 5.01.I.

- c. Engineer shall have no liability to Owner on account of a termination for cause by Engineer.

- d. Notwithstanding the foregoing, this Agreement will not terminate as a result of a substantial failure under Paragraph 3.01.A.1.a if the party receiving such notice begins, within seven days of

receipt of such notice, to correct its substantial failure to perform and proceeds diligently to cure such failure within no more than 30 days of receipt of notice; provided, however, that if and to the extent such substantial failure cannot be reasonably cured within such 30 day period, and if such party has diligently attempted to cure the same and thereafter continues diligently to cure the same, then the cure period provided for herein shall extend up to, but in no case more than, 60 days after the date of receipt of the notice.

2. For convenience, by Owner effective upon Engineer's receipt of written notice from Owner.

- B. In the event of any termination under Paragraph 3.01, Engineer will be entitled to invoice Owner and to receive full payment for all Services and Additional Services performed or furnished in accordance with this Agreement, plus reimbursement of expenses incurred through the effective date of termination in connection with providing the Services and Additional Services, and Engineer's consultants' charges, if any.

4.01 *Successors, Assigns, and Beneficiaries*

- A. Owner and Engineer are hereby bound and the successors, executors, administrators, and legal representatives of Owner and Engineer (and to the extent permitted by Paragraph 4.01.B the assigns of Owner and Engineer) are hereby bound to the other party to this Agreement and to the successors, executors, administrators, and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements, and obligations of this Agreement.
- B. Neither Owner nor Engineer may assign, sublet, or transfer any rights under or interest (including, but without limitation, money that is due or may become due) in this Agreement without the written consent of the other party, except to the extent that any assignment, subletting, or transfer is mandated by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement.
- C. Unless expressly provided otherwise, nothing in this Agreement shall be construed to create, impose, or give rise to any duty owed by Owner or Engineer to any Constructor, other third-party individual or entity, or to any surety for or employee of any of them. All duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Owner and Engineer and not for the benefit of any other party.

5.01 *General Considerations*

- A. The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of the subject profession practicing under similar circumstances at the same time and in the same locality. Engineer makes no warranties, express or implied, under this Agreement or otherwise, in connection with any services performed or furnished by Engineer. Subject to the foregoing standard of care, Engineer and its consultants may use or rely upon design elements and information ordinarily or customarily furnished by others, including, but not limited to, specialty contractors, manufacturers, suppliers, and the publishers of technical standards.
- B. Engineer shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall Engineer have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs

incident thereto, for security or safety at the Project site, nor for any failure of a Constructor to comply with laws and regulations applicable to such Constructor's furnishing and performing of its work. Engineer shall not be responsible for the acts or omissions of any Constructor.

- C. Engineer neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's failure to furnish and perform its work.
- D. Engineer's opinions (if any) of probable construction cost are to be made on the basis of Engineer's experience, qualifications, and general familiarity with the construction industry. However, because Engineer has no control over the cost of labor, materials, equipment, or services furnished by others, or over contractors' methods of determining prices, or over competitive bidding or market conditions, Engineer cannot and does not guarantee that proposals, bids, or actual construction cost will not vary from opinions of probable construction cost prepared by Engineer. If Owner requires greater assurance as to probable construction cost, then Owner agrees to obtain an independent cost estimate.
- E. Engineer shall not be responsible for any decision made regarding the construction contract requirements, or any application, interpretation, clarification, or modification of the construction contract documents other than those made by Engineer or its consultants.
- F. All documents prepared or furnished by Engineer are instruments of service, and Engineer retains an ownership and property interest (including the copyright and the right of reuse) in such documents, whether or not the Project is completed. Owner shall have a limited license to use the documents on the Project, extensions of the Project, and for related uses of the Owner, subject to receipt by Engineer of full payment due and owing for all Services and Additional Services relating to preparation of the documents and subject to the following limitations:
 - 1. Owner acknowledges that such documents are not intended or represented to be suitable for use on the Project unless completed by Engineer, or for use or reuse by Owner or others on extensions of the Project, on any other project, or for any other use or purpose, without written verification or adaptation by Engineer;
 - 2. any such use or reuse, or any modification of the documents, without written verification, completion, or adaptation by Engineer, as appropriate for the specific purpose intended, will be at Owner's sole risk and without liability or legal exposure to Engineer or to its officers, directors, members, partners, agents, employees, and consultants;
 - 3. Owner shall indemnify and hold harmless Engineer and its officers, directors, members, partners, agents, employees, and consultants from all claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from any use, reuse, or modification of the documents without written verification, completion, or adaptation by Engineer; and
 - 4. such limited license to Owner shall not create any rights in third parties.
- G. Owner and Engineer may transmit, and shall accept, Project-related correspondence, documents, text, data, drawings, information, and graphics, in electronic media or digital format, either directly, or through access to a secure Project website, in accordance with a mutually agreeable protocol.
- H. Engineer shall procure and maintain Professional Liability Insurance in the Annual Aggregate amount of \$2,000,000 excluding fees, cost and expenses of investigation, claims adjustment, defense, and appeal.

Notwithstanding any other provisions of this Agreement, and to the fullest extent permitted by law, the total liability, in the aggregate, of Engineer and Engineer's officers, directors, members, partners, agents, employees, and consultants to Owner and anyone claiming by, through, or under Owner for any and all claims, losses, costs, or damages whatsoever arising out of, resulting from the negligence, and professional errors or omissions, of Engineer or Engineer's officers, directors, members, partners, agents, employees, or consultants in the performance of this Agreement (hereafter "Owner's Claims"), shall not exceed the total insurance proceeds paid on behalf of or to Engineer by Engineer's Professional Liability insurers in settlement or satisfaction of Owner's Claims under the terms and condition of Engineer's insurance policies applicable thereto (excluding fees, costs and expenses of investigation, claims adjustment, defense, and appeal). Certificates of insurance will be provided to Owner upon request.

- I. The parties acknowledge that Engineer's Services do not include any services related to unknown or undisclosed Constituents of Concern. If Engineer or any other party encounters, uncovers, or reveals an unknown or undisclosed Constituent of Concern, then Engineer may, at its option and without liability for consequential or any other damages, suspend performance of Services on the portion of the Project affected thereby until such portion of the Project is no longer affected, or terminate this Agreement for cause if it is not practical to continue providing Services.
- J. Owner and Engineer agree to negotiate each dispute between them in good faith during the 30 days after notice of dispute. If negotiations are unsuccessful in resolving the dispute, then the dispute shall be mediated. If mediation is unsuccessful, then the parties may exercise their rights at law.
- K. This Agreement is to be governed by the law of the state in which the Project is located.
- L. Engineer's Services and Additional Services do not include: (1) serving as a "municipal advisor" for purposes of the registration requirements of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act (2010) or the municipal advisor registration rules issued by the Securities and Exchange Commission; (2) advising Owner, or any municipal entity or other person or entity, regarding municipal financial products or the issuance of municipal securities, including advice with respect to the structure, timing, terms, or other similar matters concerning such products or issuances; (3) providing surety bonding or insurance-related advice, recommendations, counseling, or research, or enforcement of construction insurance or surety bonding requirements; or (4) providing legal advice or representation.

6.01 *Total Agreement*

- A. This Agreement (including any expressly incorporated attachments), constitutes the entire agreement between Owner and Engineer and supersedes all prior written or oral understandings. This Agreement may only be amended, supplemented, modified, or canceled by a duly executed written instrument.

7.01 *Definitions*

- A. **Constructor**—Any person or entity (not including the Engineer, its employees, agents, representatives, and consultants), performing or supporting construction activities relating to the Project, including but not limited to contractors, subcontractors, suppliers, Owner's work forces, utility companies, construction managers, testing firms, shippers, and truckers, and the employees, agents, and representatives of any or all of them.

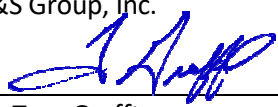
- B. *Constituent of Concern*—Asbestos, petroleum, radioactive material, polychlorinated biphenyls (PCBs), hazardous waste, and any substance, product, waste, or other material of any nature whatsoever that is or becomes listed, regulated, or addressed pursuant to (a) the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. §§9601 et seq. (“CERCLA”); (b) the Hazardous Materials Transportation Act, 49 U.S.C. §§5101 et seq.; (c) the Resource Conservation and Recovery Act, 42 U.S.C. §§6901 et seq. (“RCRA”); (d) the Toxic Substances Control Act, 15 U.S.C. §§2601 et seq.; (e) the Clean Water Act, 33 U.S.C. §§1251 et seq.; (f) the Clean Air Act, 42 U.S.C. §§7401 et seq.; or (g) any other federal, State, or local statute, law, rule, regulation, ordinance, resolution, code, order, or decree regulating, relating to, or imposing liability or standards of conduct concerning, any hazardous, toxic, or dangerous waste, substance, or material.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement, the Effective Date of which is indicated on page 1.

Owner: City of Storm Lake

Engineer: I&S Group, Inc.

By: _____
Print name: _____
Title: _____
Date Signed: _____

By:  _____
Print name: Tom Grafft
Title: Water/Wastewater Group Leader
Date Signed: January 7, 2022

Engineer License or Firm's Certificate No. (if required):

State of: Iowa

Address for Owner's receipt of notices:
City of Storm Lake
620 Erie Street
Storm Lake, IA 50588

Address for Engineer's receipt of notices:
I&S Group, Inc.
1725 N. Lake Ave
Storm Lake, IA 50588

This is **Appendix 1, Engineer's Standard Hourly Rates**, referred to in and part of the Short Form of Agreement between Owner and Engineer for Professional Services dated **January 17, 2022**.

Engineer's Standard Hourly Rates

A. Standard Hourly Rates:

1. Standard Hourly Rates are set forth in this Appendix 1 and include salaries and wages paid to personnel in each billing class plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply only as specified in Paragraphs 2.01, 2.02, and 2.03, and are subject to annual review and adjustment.

B. Schedule of Hourly Rates:

See attached.

2022 Standard Hourly Rates

Rates are effective as of January 1, 2022, and are subject to change on an annual basis.

ISG

Job Type	Hourly Rate
Administrative <i>I-IV</i>	\$70-130
Applied Technology Specialist <i>I-Senior</i>	\$95-145
Architect <i>I-Senior</i>	\$115-200
Architectural Designer <i>I-Senior</i>	\$105-150
Business Developer <i>I-Senior</i>	\$130-200
Business Writer <i>I-Senior</i>	\$100-120
Civil Engineer <i>I-Senior</i>	\$130-210
Civil Designer <i>I-Senior</i>	\$100-150
Planner <i>I-Senior</i>	\$120-190
Construction Administrator <i>I-Senior</i>	\$105-145
Drone Specialist <i>I-Senior</i>	\$100-145
Electrical Engineer <i>I-Senior</i>	\$130-210
Electrical Designer <i>I-Senior</i>	\$105-180
Environmental Scientist/Engineer <i>I-Senior</i>	\$115-180
General Counsel	\$325
GIS Specialist <i>I-Senior</i>	\$115-175
Graphic Designer <i>I-Senior</i>	\$95-115
IT Specialist <i>I-Senior</i>	\$115-170
Interior Designer <i>I-Senior</i>	\$115-175

Job Type	Hourly Rate
Land Surveyor <i>I-Senior</i>	\$105-185
Land Survey Specialist <i>I-Senior</i>	\$91-136
Landscape Architect <i>I-Senior</i>	\$120-190
Landscape Designer <i>I-Senior</i>	\$105-145
Marketing Consultant/Specialist <i>I-Senior</i>	\$110-170
Mechanical Engineer <i>I-Senior</i>	\$130-210
Mechanical Designer <i>I-Senior</i>	\$105-155
Project Coordinator <i>I-IV</i>	\$115-150
Project Manager <i>I-Senior</i>	\$125-210
Refrigeration Designer <i>I-Senior</i>	\$110-175
Refrigeration Engineer <i>I-Senior</i>	\$130-230
Senior Finance Consultant	\$170
Senior Project Executive	\$250
Structural Engineer <i>I-Senior</i>	\$130-210
Structural Designer <i>I-Senior</i>	\$105-150
Technical Writer <i>I-Senior</i>	\$130-145
Technology Designer <i>I-Senior</i>	\$100-190
Technology Engineer <i>I-Senior</i>	\$120-200
Telecommunications Designer <i>I-Senior</i>	\$70-120
Telecommunications Engineer <i>I-Senior</i>	\$130-190

Job Type	Hourly Rate
Telecommunications Project Manager <i>I-Senior</i>	\$125-190
Visualization Specialist <i>I-Senior</i>	\$145-190
Videographer	\$135
Water/Wastewater Designer <i>I-Senior</i>	\$100-145
Water/Wastewater Engineer <i>I-Senior</i>	\$130-200
Water/Wastewater Project Manager <i>I-Senior</i>	\$125-200

Equipment	Hourly Rate
Survey Grade GPS/Robotics	\$56
Mapping Grade GPS	\$20
3D Laser Scanner	\$63
Manhole Scanner	\$63
Mobile Scanner**	Varies
R/C Boat + Sounding Equipment	\$50
Surveillance Drone	\$50
Photogrammetry Drone	\$125
Thermal Imaging Drone	\$175
LiDAR Drone**	Varies
All-Terrain Vehicle	\$25
Traffic Counter	\$11
Pipe Crawler** (per linear foot)	Varies

Mileage reimbursement is at the IRS standard rate. Outside services are billed at cost plus 10%.

**Project-specific rates—call for pricing

This is **EXHIBIT A**, consisting of 5 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated **January 17, 2022**.

Duties, Responsibilities, and Limitations of Authority of Resident Project Representative

Article 1 of the Agreement is supplemented to include the following agreement of the parties:

A1.01 Resident Project Representative

- A. Engineer shall furnish a Resident Project Representative ("RPR") to assist Engineer in observing progress and quality of the Work. The RPR may provide full time representation or may provide representation to a lesser degree.
- B. Through RPR's observations of Contractor's work in progress and field checks of materials and equipment, Engineer shall endeavor to provide further protection for Owner against defects and deficiencies in the Work. However, Engineer shall not, during such RPR field checks or as a result of such RPR observations of Contractor's work in progress, supervise, direct, or have control over Contractor's Work, nor shall Engineer (including the RPR) have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any contractor, for security or safety at the Site, for safety precautions and programs incident to any contractor's work in progress, or for any failure of a contractor to comply with Laws and Regulations applicable to such contractor's performing and furnishing of its work. The Engineer (including RPR) neither guarantee the performances of any contractor nor assumes responsibility for Contractor's failure to furnish and perform the Work in accordance with the Contract Documents.
- C. The duties and responsibilities of the RPR are as follows:
 - 1. *General:* RPR is Engineer's representative at the Site, will act as directed by and under the supervision of Engineer, and will confer with Engineer regarding RPR's actions. RPR's dealings in matters pertaining to the Contractor's work in progress shall in general be with Engineer and Contractor. RPR's dealings with Subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Owner only with the knowledge of and under the direction of Engineer.
 - 2. *Schedules:* Review the progress schedule, schedule of Shop Drawing and Sample submittals, and schedule of values prepared by Contractor and consult with Engineer concerning acceptability.

3. *Conferences and Meetings:* Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
4. *Liaison:*
 - a. Serve as Engineer's liaison with Contractor. Working principally through Contractor's authorized representative or designee, assist in providing information regarding the intent of the Contract Documents.
 - b. Assist Engineer in serving as Owner's liaison with Contractor when Contractor's operations affect Owner's on-Site operations.
 - c. Assist in obtaining from Owner additional details or information, when required for proper execution of the Work.
5. *Interpretation of Contract Documents:* Report to Engineer when clarifications and interpretations of the Contract Documents are needed and transmit to Contractor clarifications and interpretations as issued by Engineer.
6. *Shop Drawings and Samples:*
 - a. Record date of receipt of Samples and approved Shop Drawings.
 - b. Receive Samples which are furnished at the Site by Contractor, and notify Engineer of availability of Samples for examination.
 - c. Advise Engineer and Contractor of the commencement of any portion of the Work requiring a Shop Drawing or Sample submittal for which RPR believes that the submittal has not been approved by Engineer.
7. *Modifications:* Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications and report such suggestions, together with RPR's recommendations, to Engineer. Transmit to Contractor in writing decisions as issued by Engineer.
8. *Review of Work and Rejection of Defective Work:*
 - a. Conduct on-Site observations of Contractor's work in progress to assist Engineer in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to Engineer whenever RPR believes that any part of Contractor's work in progress will not produce a completed Project that conforms generally to the Contract Documents or will imperil the integrity of the design concept of

the completed Project as a functioning whole as indicated in the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Engineer of that part of work in progress that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection, or approval.

9. *Inspections, Tests, and System Start-ups:*

- a. Consult with Engineer in advance of scheduled inspections, tests, and systems start-ups.
- b. Verify that tests, equipment, and systems start-ups and operating and maintenance training are conducted in the presence of appropriate Owner's personnel, and that Contractor maintains adequate records thereof.
- c. Observe, record, and report to Engineer appropriate details relative to the test procedures and systems start-ups.
- d. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections, and report to Engineer.

10. *Records:*

- a. Maintain at the Site orderly files for correspondence, reports of job conferences, reproductions of original Contract Documents including all change orders, field orders, work change directives, addenda, additional Drawings issued subsequent to the execution of the Construction Contract, Engineer's clarifications and interpretations of the Contract Documents, progress reports, Shop Drawing and Sample submittals received from and delivered to Contractor, and other Project-related documents.
- b. Prepare a daily report or keep a diary or log book, recording Contractor's hours on the Site, weather conditions, data relative to questions of change orders, field orders, work change directives, or changed conditions, Site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Engineer.
- c. Record names, addresses, fax numbers, e-mail addresses, web site locations, and telephone numbers of all Contractors, Subcontractors, and major Suppliers of materials and equipment.
- d. Maintain records for use in preparing Project documentation.

- e. Upon completion of the Work, furnish original set of all RPR Project documentation to Engineer.

11. *Reports:*

- a. Furnish to Engineer periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and Sample submittals.
- b. Draft and recommend to Engineer proposed change orders, work change directives, and field orders. Obtain backup material from Contractor.
- c. Furnish to Engineer and Owner copies of all inspection, test, and system start-up reports.
- d. Immediately notify Engineer of the occurrence of any Site accidents, emergencies, acts of God endangering the Work, damage to property by fire or other causes, or the discovery of any Constituent of Concern.

12. *Payment Requests:* Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Engineer, noting particularly the relationship of the payment requested to the schedule of values, Work completed, and materials and equipment delivered at the Site but not incorporated in the Work.

13. *Certificates, Operation and Maintenance Manuals:* During the course of the Work, verify that materials and equipment certificates, operation and maintenance manuals and other data required by the Contract Documents to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have these documents delivered to Engineer for review and forwarding to Owner prior to payment for that part of the Work.

14. *Completion:*

- a. Participate in visits to the Project to determine Substantial Completion, assist in the determination of Substantial Completion and the preparation of lists of items to be completed or corrected.
- b. Participate in a final visit to the Project in the company of Engineer, Owner, and Contractor, and prepare a final list of items to be completed and deficiencies to be remedied.

- c. Observe whether all items on the final list have been completed or corrected and make recommendations to Engineer concerning acceptance.

D. Resident Project Representative shall not:

1. Authorize any deviation from the Contract Documents or substitution of materials or equipment (including “or-equal” items).
2. Exceed limitations of Engineer’s authority as set forth in this Agreement.
3. Undertake any of the responsibilities of Contractor, Subcontractors or Suppliers.
4. Advise on, issue directions relative to, or assume control over any aspect of the means, methods, techniques, sequences or procedures of Contractor’s work.
5. Advise on, issue directions regarding, or assume control over security or safety practices, precautions, and programs in connection with the activities or operations of Owner or Contractor.
6. Participate in specialized field or laboratory tests or inspections conducted off-site by others except as specifically authorized by Engineer.
7. Accept shop drawing or sample submittals from anyone other than Contractor.
8. Authorize Owner to occupy the Project in whole or in part.

Staff Summary

1/17/2022

Agenda Item # 8.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: David Derragon, Assistant City Manager

SUBJECT: **Motion Setting the Public Hearing for the Highway 7 & 110 Intersection Upgrade Project Plans, Specifications, and Form of Contract**

BACKGROUND: The City, Storm Lake Community School District, Canadian National Railway, Buena Vista County, and Iowa Department of Transportation have collaborated to make safety improvements to this intersection in conjunction with the school district's new Early Elementary School. The proposed improvements entail reconstruction of the intersection with the addition of turn lanes and a traffic signal.

The Engineer's Opinion of Probable Cost is \$2,812,965.08. The project is receiving Traffic Safety Improvement Program and other DOT funding in the amount of \$1,400,000. Through a previously established agreement between the City and School District, the City share is \$250,000 and 50% of construction and engineering cost exceeding \$1,600,000 with the School District share being the remainder. The City's portion of the construction cost will be provided through Road Use, Franchise Fee, and Local Option Sales Tax Funds.

To move forward with the bidding process, a public hearing is planned for February 7, 2022 at 5:00 p.m. in City Council Chambers.

FISCAL IMPACT: The Engineer's Opinion of Probable Construction Cost is \$2,812,965.08.

RECOMMENDATION: Approve setting a Public Hearing for 5:00 p.m. on February 7, 2022 in City Council Chambers.

ATTACHMENTS:

Description

Type

📄	Notice of Public Hearing	Backup Material
📄	Project Manual	Backup Material
📄	Engineer's Estimate of Construction Cost	Backup Material

NOTICE OF PUBLIC HEARING

Highway 7 & 110 Intersection Upgrade Project City of Storm Lake

Public Hearing on Proposed Contract Documents and Estimated Costs for Repair or Improvement.

A public hearing will be held by the City of Storm Lake on the proposed contract documents (plans, specifications and form of contract) and estimated cost for the improvement at its meeting at 5:00 P.M. on February 7, 2022, at 620 Erie Street, in Storm Lake, Iowa.

Project Description: Reconstruction of roadway intersection including traffic signal installation, turn lane additions, railroad safety equipment, and other related improvements.

This Notice is given by authority of the
City of Storm Lake

Mayra Martinez
City Clerk



**CONTRACTS AND SPECIFICATIONS BUREAU
Proposal**

Proposal ID: 11-0072-035

Letting Date: January 19, 2022

Call Order No.: 103

Proposal Work Type: PCC PAVEMENT - GRADE & REPLACE

DBE Goal: 0.0%

Contracting Authority: CITY OF STORM LAKE

Proposal Guaranty: \$150,000.00

This proposal includes the following project(s):

Project Number: STPN-007-2(35)--2J-11

County: BUENA VISTA

Project Work Type: PCC PAVEMENT - GRADE &
REPLACE

Route: IOWA 7

Location: In the city of Storm Lake, On 90TH AVE/IA 7/IA 110, S32 T91 R37

Road System: PRIMARY ROAD (on NHS)

Federal Aid - Wages: Non-Federal Aid - Predetermined Wages are not in Effect

Contract Time**Proposal ID:** 11-0072-035**Call Order No.:** 103**Letting Date:** January 19, 2022

Site ID	Site Details				Liquidated Damages
00	Late Start Date	04/25/2022	120	WORK DAYS	\$1,500.00

(*) - Indicates Cost Plus Time Site. See Schedule of Items for Cost Per Unit

Proposal Notes

Proposal ID: 11-0072-035**Call Order No.:** 103**Letting Date:** January 19, 2022

Proposal Notes :

There are no notes for this proposal.

Proposal Specifications List

Page 1 of 1

Proposal ID: 11-0072-035

Call Order No.: 103

Letting Date: January 19, 2022

Note	Description
001.2015	*** STANDARD SPECIFICATIONS -- SERIES 2015 *** The Iowa Department of Transportation STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, SERIES 2015, plus applicable General Supplemental Specifications, Developmental Specifications, Supplemental Specifications AND Special Provisions shall apply to construction work on this contract.
410.11	*** STORM WATER POLLUTION PREVENTION PLAN *** A Storm Water Pollution Prevention Plan has been developed by the Contracting Authority for one or more projects on this contract. See the project plans (or other contract document) for specific Storm Water Pollution Prevention Plan details.
500.01	*** WINTER WORK *** The free time allowed between November 15 and April 1 will not be permitted on this project. The Contractor shall work during the winter on all working days as defined in Article 1101.03 'Working Day'.
660.26	*** SPECIALTY ITEM *** The item 'TRAFFIC SIGNALIZATION' and/or 'TRAFFIC SIGNAL INSTALLATION' is considered a specialty item for this project. When performed by subcontract, the cost of the specialty item/s so performed by subcontract may be deducted from the total cost before computing the amount of work required to be performed by the Prime Contractor with his/her own organization. Refer to Article 1108.01 of the Standard Specifications.
DS-15087	DEVELOPMENTAL SPECIFICATIONS FOR CONSTRUCTION OR MAINTENANCE WORK ON RAILROAD RIGHT-OF-WAY (CHICAGO, CENTRAL, & PACIFIC RAILROAD COMPANY AND CEDAR RIVER RAILROAD COMPANY)
GS-15013	GENERAL SUPPLEMENTAL SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION

Proposal Schedule of Items

Page 1 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	2102-0425071 SPECIAL BACKFILL	8,416.000 CY	_____	_____	_____	_____
0020	2102-2625000 EMBANKMENT-IN-PLACE	3,685.000 CY	_____	_____	_____	_____
0030	2102-2713070 EXCAVATION, CLASS 13, ROADWAY AND BORROW	8,325.000 CY	_____	_____	_____	_____
0040	2105-8425015 TOPSOIL, STRIP, SALVAGE AND SPREAD	6,650.000 CY	_____	_____	_____	_____
0050	2107-0875000 COMPACTION WITH MOISTURE AND DENSITY CONTROL	4,460.000 CY	_____	_____	_____	_____
0060	2109-8225100 SPECIAL COMPACTION OF SUBGRADE	36.000 STA	_____	_____	_____	_____
0070	2113-0001000 SUBGRADE STABILIZATION MATERIAL, POLYMER GRID	10,580.000 SY	_____	_____	_____	_____
0080	2115-0100000 MODIFIED SUBBASE	6,404.000 CY	_____	_____	_____	_____
0090	2122-5190007 PAVED SHOULDER, P.C. CONCRETE, 7 IN.	3,360.000 SY	_____	_____	_____	_____
0100	2123-7450020 SHOULDER FINISHING, EARTH Refer to Tab. 112-9 on Sheet C.6.	71.000 STA	_____	_____	_____	_____
0110	2301-1033095 STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN.	15,453.000 SY	_____	_____	_____	_____

Proposal Schedule of Items

Page 2 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0120	2315-8275025 SURFACING, DRIVEWAY, CLASS A CRUSHED STONE	33.000 TON	_____	_____	_____	_____
0130	2316-0000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	5,000.000 EACH		1.00000		5,000.00
0140	2401-6745359 REMOVAL OF CONCRETE FOUNDATIONS OF LIGHT POLES	2.000 EACH	_____	_____	_____	_____
0150	2401-6745765 REMOVAL OF LIGHT POLES	2.000 EACH	_____	_____	_____	_____
0160	2402-2720100 EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT	100.000 CY	_____	_____	_____	_____
0170	2416-0100018 APRONS, CONCRETE, 18 IN. DIA.	1.000 EACH	_____	_____	_____	_____
0180	2416-0100024 APRONS, CONCRETE, 24 IN. DIA.	2.000 EACH	_____	_____	_____	_____
0190	2416-0102230 APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 30 IN.	2.000 EACH	_____	_____	_____	_____
0200	2416-1180018 CULVERT, CONCRETE ROADWAY PIPE, 18 IN. DIA.	82.000 LF	_____	_____	_____	_____
0210	2416-1180024 CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.	70.000 LF	_____	_____	_____	_____

Proposal Schedule of Items

Page 3 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0220	2416-1200230 CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 30 IN.	120.000 LF	_____	_____	_____	_____
0230	2435-0251224 INTAKE, SW-512, 24 IN.	1.000 EACH	_____	_____	_____	_____
0240	2435-0600020 MANHOLE ADJUSTMENT, MAJOR	2.000 EACH	_____	_____	_____	_____
0250	2502-8212034 SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.	6,540.000 LF	_____	_____	_____	_____
0260	2502-8221306 SUBDRAIN OUTLET, DR-306	16.000 EACH	_____	_____	_____	_____
0270	2503-0200036 REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.	190.000 LF	_____	_____	_____	_____
0280	2510-6745850 REMOVAL OF PAVEMENT	12,610.000 SY	_____	_____	_____	_____
0290	2515-2475006 DRIVEWAY, P.C. CONCRETE, 6 IN.	270.000 SY	_____	_____	_____	_____
0300	2515-6745600 REMOVAL OF PAVED DRIVEWAY	288.000 SY	_____	_____	_____	_____
0310	2517-4225210 RAILROAD APPROACH SECTION, P.C.C.	2,120.000 SY	_____	_____	_____	_____
0320	2519-4200090 REMOVAL AND REINSTALLATION OF FENCE, FIELD	90.000 LF	_____	_____	_____	_____
0330	2524-6765010 REMOVE AND REINSTALL SIGN AS PER PLAN	9.000 EACH	_____	_____	_____	_____

Proposal Schedule of Items

Page 4 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0340	2524-6765110 REMOVAL OF TYPE A SIGN	55.000 EACH				
0350	2524-9276010 PERFORATED SQUARE STEEL TUBE POSTS	383.000 LF				
0360	2524-9276021 PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION	61.000 EACH				
0370	2524-9325001 TYPE A SIGNS, SHEET ALUMINUM	259.000 SF				
0380	2525-0000100 TRAFFIC SIGNALIZATION	LUMP SUM	LUMP SUM			
0390	2527-9263118 PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT	235.000 STA				
0400	2527-9263146 PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT	16.000 EACH				
0410	2528-2518000 SAFETY CLOSURE	4.000 EACH				
0420	2528-8445110 TRAFFIC CONTROL	LUMP SUM	LUMP SUM			
0430	2528-8445113 FLAGGERS	2.000 EACH		540.00000		1,080.00
0440	2533-4980005 MOBILIZATION	LUMP SUM	LUMP SUM			
0450	2554-0212030 VALVE BOX REPLACEMENT	1.000 EACH				

Proposal Schedule of Items

Page 5 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0460	2555-0000010 DELIVER AND STOCKPILE SALVAGED MATERIALS	LUMP SUM	LUMP SUM			
0470	2595-0005120 RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	LUMP SUM	LUMP SUM			
0480	2599-9999005 (‘EACH’ ITEM) TILE REPAIR	3.000 EACH				
0490	2599-9999007 (‘HOURS’ ITEM) EXPLORATORY EXCAVATION	6.000 HOUR				
0500	2601-2636043 SEEDING AND FERTILIZING (RURAL)	2.200 ACRE				
0510	2601-2636044 SEEDING AND FERTILIZING (URBAN)	1.100 ACRE				
0520	2601-2642120 STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	3.300 ACRE				
0530	2602-0000020 SILT FENCE	2,341.000 LF				
0540	2602-0000071 REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS	1,171.000 LF				
0550	2602-0000101 MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK	234.000 LF				
0560	2602-0000150 STABILIZED CONSTRUCTION ENTRANCE, EC-303	200.000 LF				

Proposal Schedule of Items

Page 6 of 7

Proposal ID: 11-0072-035

SECTION: 0001 Roadway Items

Alt Set ID: **Alt Mbr ID:**

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0570	2602-0000320 PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.	4,862.000 LF	_____	_____	_____	_____
0580	2602-0000351 REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE	5,882.000 LF	_____	_____	_____	_____
0590	2602-0000370 DITCH CHECK SEDIMENT CONTROL DEVICE, 20 IN. DIA.	1,020.000 LF	_____	_____	_____	_____
0600	2602-0010010 MOBILIZATIONS, EROSION CONTROL	1.000 EACH	500.00000		500.00	
0610	2602-0010020 MOBILIZATIONS, EMERGENCY EROSION CONTROL	1.000 EACH	1,000.00000		1,000.00	
Section: 0001			Total:		_____	_____

Proposal Schedule of Items

Page 7 of 7

Proposal ID: 11-0072-035

SECTION: 0002 PAYMENT ADJUSTMENT INCENTIVE ITEMS

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item Number Item Description	Item Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0620	2301-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT THICKNESS (BY SCHEDULE)	14,000.000 EACH		1.00000		14,000.00
0630	2317-7000110 PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	11,500.000 EACH		1.00000		11,500.00

Section: 0002

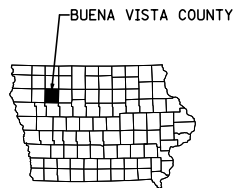
Total: _____.

Total Bid: _____.

BUENA VISTA

LETTING DATE
JAN 19, 2022

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
B Sheets	Typical Cross Sections and Details
B.1 - 3	Typical Cross Sections and Details
C Sheets	Quantities and General Information
C.1	Project Description
C.1	Estimated Project Quantities
C.2	Estimate Reference Information
C.3	Standard Road Plans
C.3 - 10	Tabulations
CE Sheets	Erosion Control Sheets
CE.1-2	Pollution Prevention Plan
CE.3-4	IA 7 Erosion Control
CE.5-6	IA 110 Erosion Control
D Sheets	Mainline Plan and Profile Sheets
* D.1 - 4	IA 7
E Sheets	Side Road Plan and Profile Sheets
* E.1 - 3	IA 110
G Sheets	Survey Sheets
G.1	Alignments
H Sheets	Right-of-Way Sheets
* H.1 - 2	IA 7
* HE.1 - 2	IA 110
J Sheets	Traffic Control and Staging Sheets
* J.1 - 2	Temporary Traffic Control
K Sheets	Signing and Striping
* K.1 - 2	IA 7 Signing and Striping
* K.3 - 4	IA 110 Signing and Striping
L Sheets	Jointing Sheets
L.1 - 2	IA7 Jointing Layout
L.3 - 4	IA110 Jointing Layout
L.5	Jointing Overview
N Sheets	Traffic Signal Sheets
N.1 - 5	Traffic Signal Plan
T Sheets	Earthwork Quantity Sheets
T.1 - 3	Earthwork Quantity Sheets
W Sheets	Mainline Cross Sections
W.1	Cross Sections Legend & Symbol Information Sheet
W.1 - 27	IA 7 Cross Sections
X Sheets	Side Road Cross Sections
X.1 - 22	IA 110 Cross Sections
	* Color Plan Sheets



UTILITIES

ALLIANT ENERGY
STORM LAKE, IA 50588
1-800-822-4348

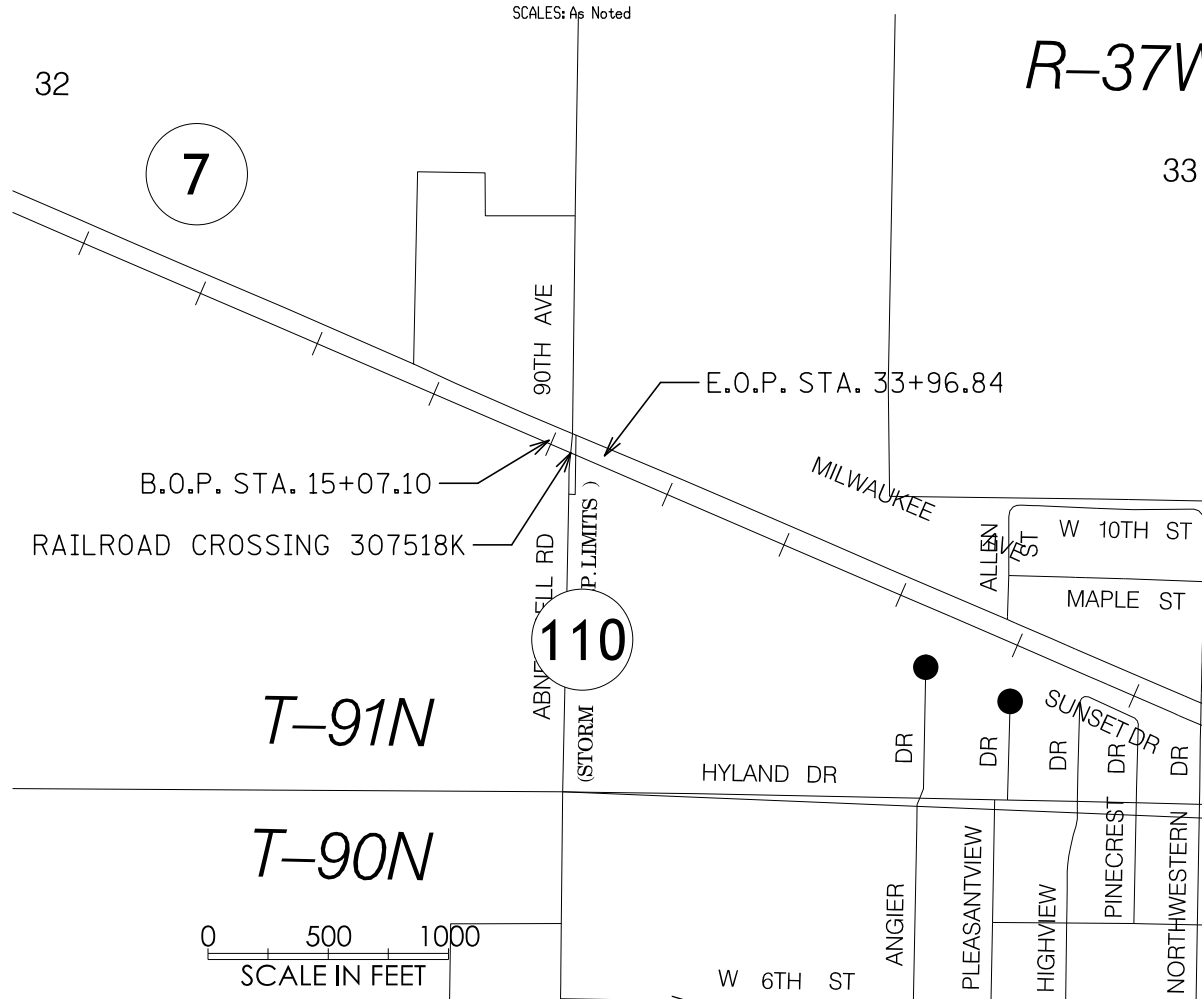
CENTURY LINK
426 LAKE AVE.
STORM LAKE, IA 50588
1-800-261-1691

LONG LINES BROADBAND
118 E. 5TH ST.
STORM LAKE, IA 50588
712-213-7425

**MIDAMERICAN
1016 VESTAL STREET
STORM LAKE, IA 50588
888-427-5632**

CITY OF STORM LAKE
433 VILAS RD.
STORM LAKE, IA 50588
712-732-8029

MEDIACOM
720 LAKE AVE.
STORM LAKE, IA 50588
855-633-4226



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

BUENA VISTA

**PCC PAVEMENT GRADE AND REPLACE
ON 90TH AVE / IA 7 / IA 110 S32 T91 R37
INTERSECTION IMPROVEMENTS
AT IA 7 & IA 110
TURNLANES AND SIGNALS**

SCALES: As Noted

R-37W

33

REVISIONS

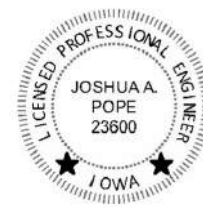
	TOTAL
	100
PROJECT IDENTIFICATION NUMBER	
PROJECT NUMBER	
STPN-007-2(35)--2J-11	
R.O.W. PROJECT NUMBER	

THIS PROJECT IS COVERED BY THE IOWA DEPARTMENT OF NATURAL RESOURCES NPDES GENERAL PERMIT NO. 2. THE CONTRACTOR SHALL CARRY OUT THE TERMS AND CONDITIONS OF GENERAL PERMIT NO. 2 AND THE STORM WATER POLLUTION PLAN WHICH IS A PART OF THESE CONTRACT DOCUMENTS. REFER TO SECTION 2602 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION.

Refer to the ProposalForm for list of applicable specifications.

See sheet C.3 for Standard Road Plans

REVIEWED & APPROVED _____ DATE: _____
PUBLIC SERVICES SUPERVISOR



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

10/19/2021

JOSHUA A. POPE, P.E.

DATE _____

REG. NO. 23600

MY LICENSE RENEWAL DATE IS: DECEMBER 31, 2021

PAGES OR SHEETS COVERED BY THIS SEAL:

ALL SHEETS



**BOLTON
& MENK**

218 11TH STREET SW PLAZA
SPENCER, IOWA 51301
Phone: (712) 580-5075
Email: Spencer@bolton-menk.com
www.bolton-menk.com

DESIGNED	REV.	BY	DATE
JRH			
DRAWN			
JRH			
CHECKED			
JPS			
CLIENT PROJ. NO.			

IOWA DOT & CITY OF STORM LAKE

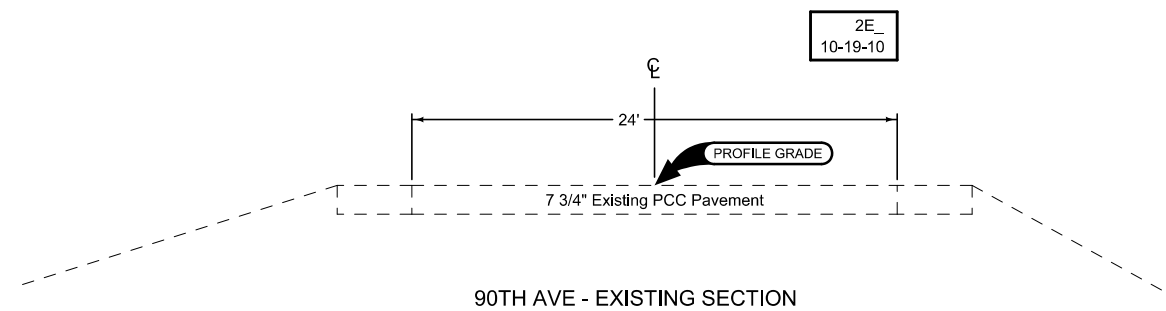
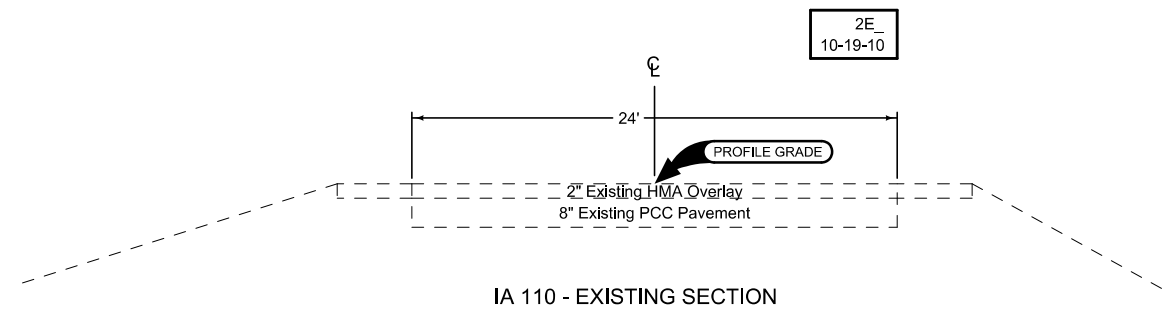
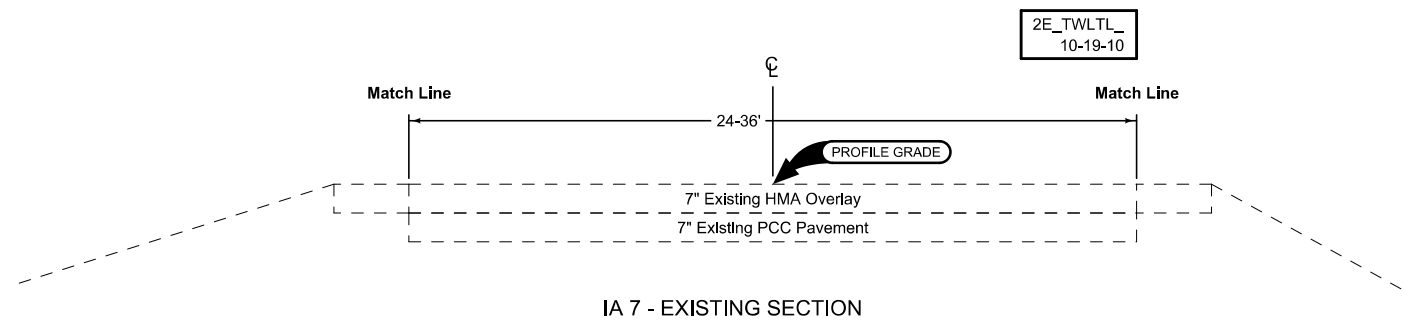
IA 7 & IA 110 INTERSECTION

TITLE SHEET

SHEET

A.1

PROJECT NUMBER: STPN-007-2(35)--2J-11



PROJECT NUMBER: STPN-007-2(35)--2J-11



**BOLTON
& MENK**

218 11TH STREET SW PLAZA
SPENCER, IOWA 51301
Phone: (712) 580-5075
Email: Spencer@bolton-menk.com
www.bolton-menk.com

DESIGNED	JRH	REV.	BY	DATE
DRAWN	JRH			
CHECKED	JPS			
CLIENT PROJ. NO.				

IOWA DOT & CITY OF STORM LAKE

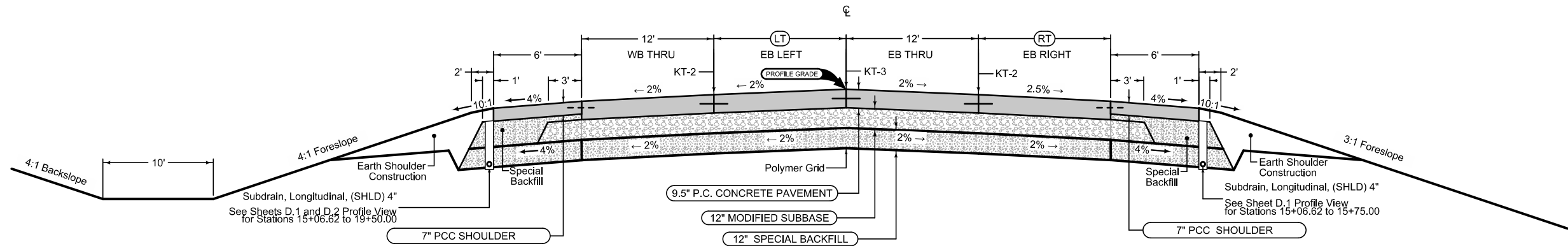
IA 7 & IA 110 INTERSECTION

TYPICAL SECTIONS

SHEET

B.1

IA 7 - PROPOSED SECTION



Mainline Jointing:
Transverse joints: CD at 17' spacing

PCC Shoulder

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
15+07.11	24+12.71

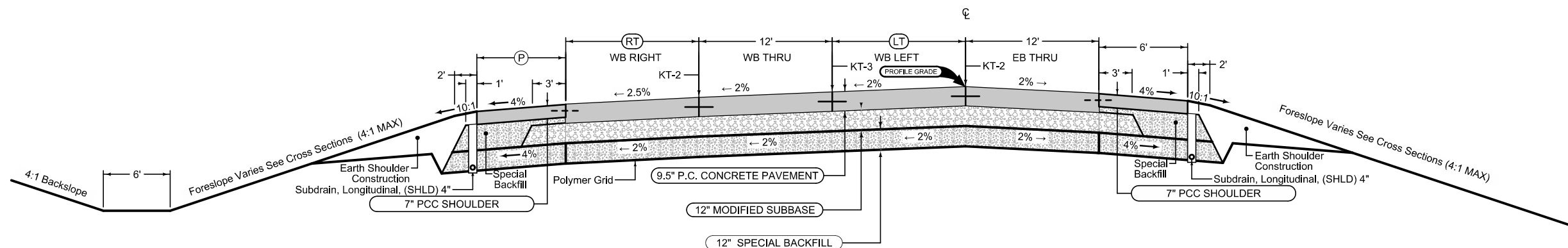
IA 7 - WEST LEG

STATION TO STATION		(LT) Feet	(RT) Feet
15+07.11	16+76.31	0-3'	0'
16+76.31	19+16.31	3-7.7'	0-12'
19+16.31	21+66.63	7.7-12'	12'
21+66.63	24+12.71	12'	12'

PCC Shoulder

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
15+07.11	24+12.71



Mainline Jointing:
Transverse joints: CD at 17' spacing

PCC Shoulder

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION		P Feet
24+12.71	29+80.94	2'
29+80.94	30+32.26	2-6'
30+32.26	33+96.84	6'

IA 7 - EAST LEG

STATION TO STATION		(RT) Feet	(LT) Feet
24+12.71	27+80.86	12'	12'
27+80.86	28+57.51	12'	12-10.
28+57.51	30+32.26	12'-0"	10.3-6
30+32.26	33+20.86	12'	6.4-0.0
33+20.86	33+96.84	0'	0'

PCC Shoulder

PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
24+12.71	33+96.84



218 11TH STREET SW PLAZA
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Email: Spencer@bolton-menk.com
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DESIGNED	JRH			
DRAWN	JRH			
CHECKED	JPS			

IOWA DOT & CITY OF STORM LAKE

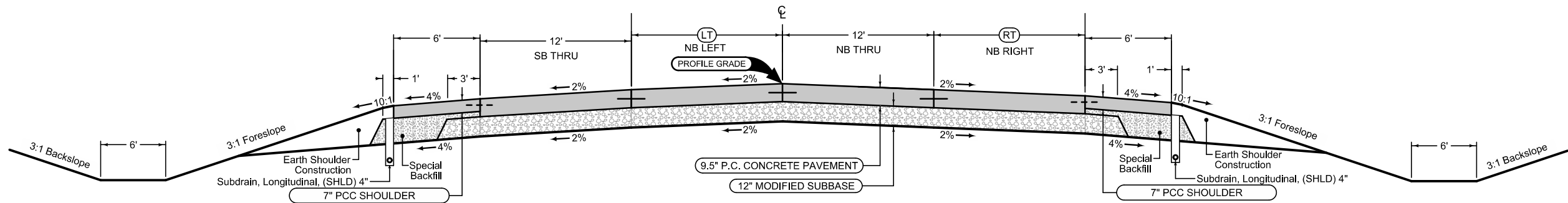
IA 7 & IA 110 INTERSECTION

TYPICAL SECTIONS

EET

3.2

IA 110 - PROPOSED SECTION



Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

IA 110 - SOUTH LEG			
STATION TO STATION		LT	RT
		Feet	Feet
57+08.50	61+83.17	0'	0'
61+83.17	62+43.18	0-10'	0-12'
62+43.18	63+09.25	10-12'	12'
63+09.25	65+30.19	12'	12'

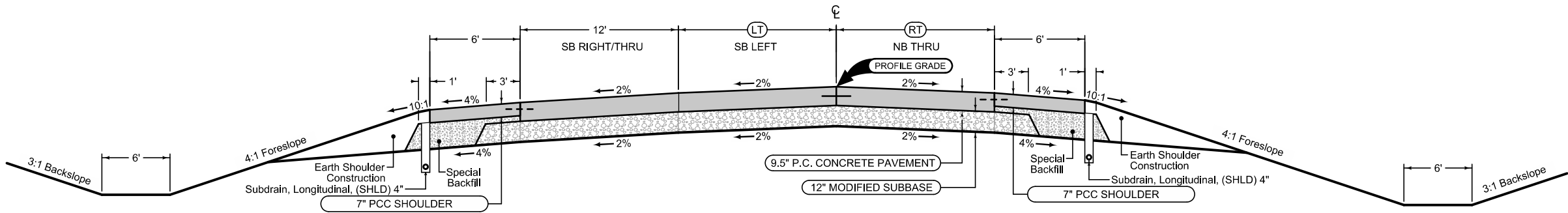
PCC Shoulder
PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
57+08.50	65+30.19

PCC Shoulder
PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
57+08.50	65+30.19

90TH AVE - PROPOSED SECTION



Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

IA 110 - NORTH LEG			
STATION TO STATION		LT	RT
		Feet	Feet
66+16.64	68+42.06	12'	16'
68+42.06	73+84.84	12-0'	16-12'

PCC Shoulder
PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
66+16.64	73+84.84

PCC Shoulder
PCC Shoulder Jointing:
Longitudinal joint: BT-1 or BT-5
Transverse joints: C at 17' spacing

STATION TO STATION	
66+16.64	73+84.84

Quantities					
	As Built				
Total	Division 1	Division 2	Division 3	Division 4	Division 5

CONSTRUCTION SURVEY TO BE PERFORMED
BY THE CONTRACTING AUTHORITY.



DESIGNED JRH	REV.	BY	DATE
DRAWN JRH			
CHECKED			
JPS			
CLIENT PROJ. NO.			

TABULATIONS

C.1

ESTIMATE REFERENCE INFORMATION			100-4A 10-29-02
Item No.	Item Code	Description	
1	2102-0425071	SPECIAL BACKFILL Refer to Tab. 100-24 on Sheet C.4, Tab. 103-3 on Sheet C.5, and Tab. on Sheet C.6. Crushed and recycled PCC is permitted.	
2	2102-2625000	EMBANKMENT-IN-PLACE Accounts for 6432 CY of waste material.	
3	2102-2713070	EXCAVATION, CL 13, RDWY+BORROW Excavation within the roadway cut of 8325 CY and fill of 5578 CY. Assumed a fill factor of 130%. Excavation of IA 7 is assumed to be waste material. Quantity = 6432 CY Stockpile site shall be located at the SE quadrant of IA Hwy 7 and Radio Road intersection. All suitable material is to remain the property of the city.	
4	2015-8425015	TOPSOIL, STRIP, SALVAGE+SPREAD Depth - Quantity based on stripping 12 inches and placing 6". The excess topsoil can be used for Earth Shoulder Construction or spread evenly on the foreslope.	
5	2107-0875000	COMPACTION W/MOISTURE+DENSITY CONTROL Refer to Tab. 103-1 on Sheet C.5. Additional 550 CY included to be used on IA110 as directed by the Engineer.	
6	2109-8225100	SPECIAL COMPACTION OF SUBGRADE Quantity includes all stations along IA7 and IA110.	
7	2113-0001100	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID Refer to TypicalS on Sheet B.2 and Tab. 103-3 on Sheet C.5.	
8	2115-0100000	MODIFIED SUBBASE Refer to TypicalS on B Sheets, Tab. 100-24 on Sheet C.4, Tab. 103-3 on Sheet C.5, and Tab. 112-9 on Sheet C.6.	
9	2122-5190007	PAVED SHLD, PCC, 7" Refer to Tab. 112-9 on Sheet C.6. CERTIFIED PLANT INSPECTION WILL BE REQUIRED DURING ALL PAVING OPERATIONS. GGBFS (SLAG) IS NOT PERMITTED FOR ANY WORK ON THIS PROJECT.	
10	2123-7450020	SHOULDER FINISHING, EARTH Refer to Tab. 112-9 on Sheet C.6.	
11	2301-1033095	STD/S-F PCC PAV'T, CL-C CL 3, 9.5" Refer to Tab. 100-24 on Sheet C.4. CERTIFIED PLANT INSPECTION WILL BE REQUIRED DURING ALL PAVING OPERATIONS. GGBFS (SLAG) IS NOT PERMITTED FOR ANY WORK ON THIS PROJECT.	
12	2315-8275025	SURF, DRIVEWAY, CL A CR STONE Refer to Tab. 102-3 on Sheet C.4.	
13	2316-0000110	PAYMENT ADJUSTMENT INCENTIVE/DISCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)	
14	2401-6745359	RMVL OF CONC FOUNDATION OF LIGHT POLE Measurement will be made for each concrete foundation removed. Payment will be made at the contract unit price per each foundation. Refer to Tab. 110-2 on Sheet C.3.	
15	2401-6745765	RMVL OF LIGHT POLES Measurement will be made for each light pole removed. Payment will be made at the contract unit price per each light pole. Refer to Tab. 110-2 on Sheet C.3.	
16	2402-2720100	EXCAVATION, CL 20, RDWY PIPE CULVERT	
17	2416-0100018	APRONS, CONCRETE, 18IN. DIA. Refer to Tab. 104-03 on Sheet C.6.	
18	2416-0100024	APRONS, CONCRETE, 24IN. DIA. Refer to Tab. 104-03 on Sheet C.6.	
19	2416-0102230	APRON, LOW CLEARANCE CONC, EQUIVALENT DIA 30" Refer to Tab. 104-03 on Sheet C.6.	
20	2416-1180018	CULVERT, CONCRETE ROADWAY PIPE, 18IN. DIA. Refer to Tab. 104-03 on Sheet C.6.	
21	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24IN. DIA. Refer to Tab. 104-03 on Sheet C.6.	
22	2416-1200230	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIA 30 IN. Refer to Tab. 104-03 on Sheet C.6.	
23	2435-0251224	INTAKE, SW-512, 24 IN. Refer to Tab. 104-03 on Sheet C.6.	
24	2435-0600020	MANHOLE ADJUSTMENT, MAJOR Sta. 66+80 Left and Sta. 64+55 Left.	
25	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHLD) 4" Refer to Tab. 104-5C on Sheet C.6.	

ESTIMATE REFERENCE INFORMATION			100-4A 10-29-02
Item No.	Item Code	Description	
26	2502-8221306	SUBDRAIN OUTLET, DR-306	
27	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36" Refer to Tab. 110-2 on Sheet C.3.	
28	2510-6750501	RMVL OF PAV'T Refer to Tab. 110-1 on Sheet C.7.	
29	2515-2475006	DRIVEWAY, PCC, 6" CERTIFIED PLANT INSPECTION WILL BE REQUIRED. GGBFS (SLAG) IS NOT PERMITTED FOR ANY WORK ON THIS PROJECT. Refer to Tab. 102-3 on Sheet C.4.	
30	2515-6745600	RMVL OF PAVED DRIVEWAY Refer to Tab. 110-2 on Sheet C.3.	
31	2517-4225210	RAILROAD APPROACH SECTION, P.C.C. Refer to Tab. 112-3 on Sheet C.7.	
32	2519-4200090	RMVL FENCE, FIELD Refer to Tab. 100-8 on Sheet C.3.	
33	2524-6765010	RMV+REINSTALL SIGN Refer to Tab. 190-61 on Sheet C.7. Measurement will be made for each sign salvaged and reinstalled. Payment will be made upon reinstallation at the contract unit price per each sign.	
34	2524-6765110	RMVL OF TYPE A SIGN Refer to Tab. 190-62 on Sheet C.9. Measurement will be made for the removal of each sign and post. Payment will be made upon removal at the contract unit price per each sign.	
35	2524-9276010	PERFORATED SQUARE STEL TUBE POSTS Refer to Tab. 190-51 on Sheet C.8.	
36	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION Refer to Tab. 190-51 on Sheet C.8.	
37	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM Refer to Tab. 190-51 on Sheet C.8.	
38	2525-0000100	TRAFFIC SIGNALIZATION See N Sheets.	
39	2527-9263118	PAINTED PAVEMENT MARKINGS Refer to Tab. Sheet C.10.	
40	2527-9263146	PAINTED SYMBOLS AND LEGENDS Refer to Tab. 108-29 on Sheet C.7.	
41	2528-2518000	SAFETY CLOSURE Safety closures are located at project extents/limits on IA 7 and IA 110.	
42	2528-8445110	TRAFFIC CONTROL See J Sheets.	
43	2528-8445113	FLAGGERS	
44	2533-4980005	MOBILIZATION	
45	2554-0212030	VALVE BOX REPLACEMENT Sta. 65+95 Right.	
46	2555-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS Item includes delivery and stockpile of all salvaged signs to the City of Storm Lake Street Department, located at 433 Vilas Road, Storm Lake. Measurement and payment will be lump sum. Payment will be made as a percentage of each sign stockpiled. See Tab. 190-62 on Sheet C.9.	
47	2595-0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY	
48	2599-9999005	TILE REPAIR Drain tile encountered on this project, marked or otherwise, shall be protected in place if possible or repaired.Payment shall be made per foot of pipe repair up to 12" in nominal diameter. Connections to existing shall be made using no shear rubber boot connectors with stainless steel shear bands and straps. Engineer shall measure each repair and item shall be paid at the contract unit price per foot repaired.	
49	2599-9999007	EXPLORATORY EXCAVATION	
50	2601-2636043	SEEDING AND FERTILIZING (RURAL)	
51	2601-2636044	SEEDING AND FERTILIZING (URBAN)	
52	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)	

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
		Bid quantity includes enough for all disturbed soil, will be applied as needed.
53	2602-0000020	SILT FENCE Refer to Tab. 100-17 on Sheet C.8. The tabulation includes estimated locations for placement of Silt Fence to address possible erosion during construction. Verify the specific locations with the Engineer prior to beginning placement. Bid item includes 25% additional quantity for field adjustments and replacements.
54	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS This item is included for silt fence and silt fence for ditch check removal required for staging reasons, for replacement (replacement to be paid separately), or for areas that have achieved 70% permanent growth.
55	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK This item is included for cleanout and repair of the silt fence and silt fence for ditch checks during the project.
56	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303 Stabilized constructions entrances are located at project extents/limits on IA 7 and IA 110.
57	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20IN. DIA. Refer to Tab. 100-19 on Sheet C.8.
58	2602-0000351	REMOVAL OF PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE Includes removal of both slope control and ditch checks.
59	2602-0000370	DITCH CHECK SEDIMENT CONTROL DEVICE, 20 IN. DIA. Contractor to use 20 foot logs.
60	2602-0010010	MOBILIZATIONS, EROSION CONTROL
61	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL

PROJECT DESCRIPTION

PROJECT IS TO RECONSTRUCT THE INTERSECTION OF IA-7 AND IA-110 AT THE WESTERN CITY LIMITS OF STORM LAKE, IOWA. PROJECT INCLUDES TRAFFIC SIGNALIZATION, THE ADDITIONS OF LEFT TURN LANES ON ALL LEGS OF THE INTERSECTION, AND NEW RIGHT TURN LANES ON THE SOUTH AND EAST LEGS OF THE INTERSECTION.

REMOVAL OF FENCE

This Data Entry Sheet fills Tab 100-08 effective 04-17-18

Location				Type	Length	Remarks
From		To			LF	
Station	Offset	Station	Offset			
22+31.50	59.4' Lt	23+26.50	59.1' Lt	Field	90.0	

REMOVAL OF EXISTING STRUCTURES

Location	Description	Remarks
Sta. 23+45 - 29' Left	REMOVAL OF CONCRETE FOUNDATION OF LIGHT POLE	1 EACH
Sta. 25+60 - 28' Right		1 EACH
Sta. 23+45 - 29' Left	REMOVAL OF LIGHT POLES	1 EACH
Sta. 25+60 - 28' Right		1 EACH
Sta. 23+40	REMOVE STORM SEWER PIPES LESS THAN OR EQUAL TO 36"	70' RCP
Sta. 27+25		60' CMP
Sta. 30+40		60' RCP
Sta. 27+25 - Left	REMOVAL OF PAVED DRIVEWAY	91 SY
Sta. 33+10 - Left		41 SY
Sta. 68+25 - Right		156 SY

STANDARD ROAD PLANS

The following Standard Road Plans apply to construction work on this project.

Number	Date	Title
DR-101	04-18-17	Pipe Culvert (Bedding and Backfill)
DR-102	04-21-15	Pipe Culvert (Cover and Camber)
DR-103	04-21-15	Pipe Culvert (Installation Details)
DR-104	04-19-16	Depth of Cover Tables for Concrete and Corrugated Pipe
DR-121	10-17-17	Connected Pipe Joints
DR-201	04-21-20	Concrete Aprons
DR-213	04-21-20	Pipe Apron Guard
DR-303	10-17-17	Subdrains (Longitudinal)
DR-306	10-16-18	Precast Concrete Headwall for Subdrain Outlets
DR-651	04-18-17	Unclassified Pipe Culvert
EC-102	04-21-15	Sod for Ditch Protection
EC-201	04-20-21	Silt Fence
EC-204	10-19-21	Perimeter, Slope and Ditch Check Sediment Control Devices
EC-502	04-21-15	Seeding in Rural Areas
EW-102	10-20-15	Allowable Placement of Unsuitable Soil in Embankments
EW-103	10-20-15	Embankment Subgrade Treatment, Moisture Density Control and Special Compaction
EW-501	10-20-15	Rural Entrance
LI-141	10-21-14	Electrical Installation (Roadway Ducts)
LI-142	04-21-15	Electrical Installation (Bases)
LI-151	10-21-14	Control Cabinet (Pole-Mounted)
LI-152	10-21-14	Control Cabinet (Pad-Mounted)
LI-201	04-18-17	Light Pole Foundation
LI-210	10-21-14	Transformer Base (Cast Aluminum)
MI-101	10-20-15	Fencing Layout
MI-103	10-20-15	Deer Fence and Field Fence Construction
MI-210	10-20-15	PCC Driveways and Alleys
PM-110	04-21-20	Line Types
PM-111	04-21-20	Symbols and Legends
PM-120	10-21-14	Stop Lines and Islands
PM-210	10-19-21	Separation in Two-Lane Roadway
PM-211	10-19-21	Separation in Four-Lane Roadway
PM-230	10-15-19	Transition at Abrupt Changes in Pavement Width
PM-521	10-15-19	Two-Lane Roadway with Right Turn Lanes
PM-522	04-16-19	Two-Lane Roadway with Left Turn Lanes
PV-101	04-21-20	Joints
PV-103	04-21-20	Manhole Boxouts in PCC Pavement
PV-106	10-17-17	PCC Railroad Approach Section
SI-101	04-19-16	Locations - Type 'A' Signs
SI-119	10-17-17	Support Structures - Mounting Brackets
SI-121	10-16-18	Fabrication - Sign Legend Components
SI-131	10-18-16	Installation - Type 'A' Signs
SI-133	10-17-17	Installation - Type "A" Sign Shim
SI-171	04-18-17	Reference Location Sign Posts
SI-241	04-20-21	Sign Placement Approaching a Railroad Crossing
SI-881	04-16-19	Special Signs for Workzones
SW-512	04-21-20	Circular Area Intake
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)
TC-61	04-21-20	Two-Lane, Two-way Operation
TC-81	10-15-19	Restricted Width Signing (Less Than 14.5 Feet)
TC-202	10-19-21	Work Within 15 ft of Traveled Way
TC-213	10-15-19	Lane Closure with Flaggers
TC-214	04-21-20	Lane Closure with Flaggers for use with Pilot Car
TC-232	10-21-14	Shoulder Rumble Strip Operations
TC-233	10-17-17	Pavement Marking Operations Two-Lane
TC-251	10-15-19	Temporary Road Closure
TC-252	04-21-20	Routes Closed to Traffic
TC-273	10-15-19	Construction Site Entrance
TC-282	10-15-19	Uneven Lanes
TC-283	10-15-19	Surveying Operations
TC-402	10-19-21	Work Within 15 ft of Traveled Way
TC-431	10-17-17	Slow Moving Vehicle Operating in the Traffic Lane
TC-433	10-17-17	Pavement Marking Operations
TC-482	10-15-19	Uneven Lanes
TS-102	04-21-20	Traffic Signal Pole Foundation



BOLTON & MENK

218 11TH STREET SW PLAZA
SPENCER, IOWA 51301
Phone: (712) 580-5075
Email: Spencer@bolton-menk.com
www.bolton-menk.com

DESIGNED	JRH
DRAWN	JRH
CHECKED	JPS

IOWA DOT & CITY OF STORM LAKE

IA 7 & IA 110 INTERSECTION

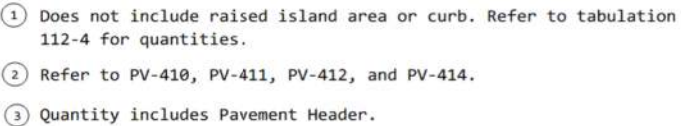
TABULATIONS

SHEET

C.3

100-24
04-21-15

PCC PAVEMENT



102-3
10-16-18

ACCESS POINTS AND SAFETY RAMPS

Refer to Cross-Sections

Length of Unclassified Pipe calculated is based on using Corrugated Metal Pipe.

- *Predetermined for access point not constructed with this project.

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IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

TABULATIONS

SHEET

C.4

EMBANKMENT WITH MOISTURE AND DENSITY CONTROL

EMBANKMENT WITH MOISTURE CONTROL

SELECT TREATMENT

The diagram illustrates two types of channelized intersections. The top diagram, labeled 'G', shows a 'Channelized Intersection Widen Existing Roadway'. It features a horizontal roadway with a central intersection. The roadway is widened on both sides of the intersection, and the widening tapers back to the original width. The intersection area is marked with a 'G' in a circle. The bottom diagram, labeled 'H', shows a 'Channelized Intersection Reconstructed Roadway'. It features a horizontal roadway with a central intersection. The roadway is widened on both sides of the intersection, and the widening tapers back to the original width. The intersection area is marked with an 'H' in a circle.

Moisture control is required for select soils treatment and is incidental to placement of the material.

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IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

TABULATIONS

SHEET

C.5

LIST OF SUBDRAIN WORK

Possible Standards: DR-121, DR-201, DR-203, DR-301, DR-302, DR-303, DR-305 and DR-306. Possible Detail: 500-10.

```
* Not a bid item
```

[illegible]

104-3
10-17-17

DRAINAGE STRUCTURE BY ROAD CONTRACTOR

Length of unclassified pipe calculated is based on us Reinforced Concrete Pipe.

* Not a bid item

① Diameter or equivalent diameter

② UNCL = Unclassified Pipe CMP = Corrugated Metal Pipe

RCP = Reinforced Concrete Pipe

LCP = Arch or Elliptical Low Clearance Pipe

SARC = Steel Arch Pipe

(3) Backfill according to DR-101

[illegible]

SHOULDERS

① Lane(s) to which the shoulder is adjacent.

② Bid Item

③ Applies only for Paved Shoulders constructed on project with existing granular shoulders.

(4) Does not include shrink.

Calculations assume a HMA unit weight (lbs/cf) of 145, a Special Backfill unit weight (lbs/cf) of 140, and a Granular Shoulder unit weight (lbs/cf) of 140.

[illegible]

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TOWA DOT & CITY OF STORM LAKE

IA 7 & IA 110 INTERSECTION

TABULATIONS

SHEET

C.6

112-3
04-16-13

RAILROAD APPROACH SECTIONS

Crossing		Pavement Type		Remarks
Location Station	Angle	HMA	PCC	
		SY	SY	
67+76.43	22.1 Lt AH		2120.0	

110-1
04-16-13

REMOVAL OF PAVEMENT

Refer to Tabulation 102-5

* Not a Bid Item

Begin Station	End Station	Side	Pavement Type	Area	Saw Cut*	Remarks
				SY	LF	
15+07.35	33+96.80	Both	HMA/PCC	7557.8	72.0	
57+08.50	65+47.62	Both		2610.6	28.0	
66+00.75	73+84.84	Both		2439.4	28.0	

108-29
04-21-15

PAVEMENT MARKING SYMBOLS AND LEGENDS

Refer to PM-111

Road Identification	Location																SCHOOL	XING	STOP	AHEAD	ONLY	BIKE	LANE	EXIT	Groove Cuts	Remarks																						
	Station	Side																							STAW		RTAW	LTAW	CSRW	CSLW	CSTW	CRLW	FERW	LLRW	RLRW	RRCW	BLSW	WCSW	WPSB	SCLW	XNGW	STPW	AHDW	ONLW	BIKW	LANW	XITW	EACH
Highway 7	19+35.00	R		1																																												
	21+25.00	R		1																																												
	21+75.00	L			1																																											
	23+00.00	L			1																																											
	23+05.00	R		1																																												
	25+25.00	L		1																																												
	25+25.00	L			1																																											
	26+50.00	L			1																																											
	26+50.00	L		1																																												
28+35.00	L		1																																													
Highway 110	62+55.00	R		1																																												
	63+10.00	L			1																																											
	63+80.00	R		1																																												
	63+95.00	L			1																																											
90th Avenue	67+05.00	L			1																																											
	68+35.00	L			1																																											

190-61
10-15-13

EXISTING SIGNS TO BE REINSTALLED

SIGN DESCRIPTION	DIRECTION OF TRAVEL	LOCATION STATION	NUMBER OF POSTS	SQUARE TUBE STEEL POSTS	WOOD POSTS		INSTALLATION		SEE SIGNING NOTES
					4" x 4"	4" x 6"	TYPE	DIM 'X'	
					LF	LF			
D9-2MaR	EB	16+85	1.0	1.0			1.0		
W11-3	WB	17+05	1.0	1.0			1.0		
W16-4	WB								
W10-2R	EB	17+90	1.0	1.0			1.0		
Litter removal sign	WB	22+25	1.0	1.0			1.0		
W10-2L	WB	31+95	1.0	1.0			1.0		
S5-2	NB	61+05	1.0	1.0			1.0		
S1-1	SB	61+10	1.0	1.0			1.0		
W16-9P	SB								
D11-1	NB	61+95	1.0	1.0			1.0		
M6-3 (GREEN)	NB								
D11-1	SB	68+00	1.0	1.0			1.0		
M6-3 (GREEN)	SB	68+00							

This Data Entry Sheet fills Tab 190-51 effective 10-15-13

TABULATION OF SILT FENCES				
Refer to EC-201				
This Data Entry Sheet fills Tab 100-17 effective 04-20-10				
Location			Length	Remarks
Begin Station	End Station	Side	LF	
15+07.10	34+00.00	R	1873.0	

Sheet fills Tab 100-19 effective 10-19-21



TABULATIONS

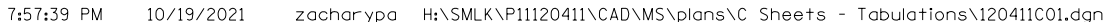
PAVEMENT MARKING LINE TYPES	
See PM-110	

This Data Entry Sheet fills Tab 108-22 effective 04-16-13

CHY8: Channelizing Line (Yellow) @ 2.00 SLW4: Solid Lane Line (White) @ 1.00 ELW4: Edge Line Right (White) @ 1.00

Location	Length by Line Type (Unfactored)
----------	----------------------------------

Road ID	Station to Station	Length (STA)	Dir. of Travel	Marking Type	Side			BCY4*	DCY4	NPY4**	BLW4	ELW4	CHY8	SLW4	SLW2	STA	STA	STA	STA	STA	Remarks
					L	C	R														
Highway 7	15+07.10	16+76.30	1.69	EB	Waterborne/Solvent Paint																
	15+07.10	21+66.63	6.60	BOTH	Waterborne/Solvent Paint	x		x					1.69								
	15+07.10	21+66.63	6.60	BOTH	Waterborne/Solvent Paint		x						13.20								Cross Hatching
	15+07.10	22+34.41	7.27	WB	Waterborne/Solvent Paint	x							7.27								
	16+76.30	19+16.72	2.40	EB	Waterborne/Solvent Paint			x					2.40								
	19+16.30	23+23.16	4.07	EB	Waterborne/Solvent Paint			x							4.07						
	19+16.72	23+78.77	4.62	EB	Waterborne/Solvent Paint			x							4.62						
	21+66.63	23+62.92	1.96	BOTH	Waterborne/Solvent Paint	x				1.96											
	21+66.63	23+78.77	2.12	EB	Waterborne/Solvent Paint		x								2.12						
	22+34.41	23+07.92	0.74	WB	Waterborne/Solvent Paint	x							0.75								
	23+62.92	23+62.92	0.00	EB	Waterborne/Solvent Paint	x											0.12				
	23+65.49	23+70.77	0.05	EB	Waterborne/Solvent Paint			x									0.10				
	23+70.77	23+70.77	0.00	EB	Waterborne/Solvent Paint			x									0.31				
	24+54.65	24+74.72	0.20	WB	Waterborne/Solvent Paint	x							0.20					0.24			
	24+60.00	24+60.00	0.00	WB	Waterborne/Solvent Paint	x												0.13			
	24+60.00	24+60.68	0.01	WB	Waterborne/Solvent Paint	x															
	24+60.00	28+57.71	3.98	WB	Waterborne/Solvent Paint	x										3.98					
	24+60.00	26+60.00	2.00	WB	Waterborne/Solvent Paint	x										2.00					
	24+60.00	26+60.86	2.01	BOTH	Waterborne/Solvent Paint		x			2.01											
	25+00.45	25+56.62	0.56	EB	Waterborne/Solvent Paint			x					0.57								
	24+74.72	28+57.41	3.83	WB	Waterborne/Solvent Paint	x							3.83								
	25+56.62	34+00.00	8.43	EB	Waterborne/Solvent Paint			x					8.43								
	26+00.86	33+20.86	6.60	BOTH	Waterborne/Solvent Paint	x		x									13.21				
	26+00.86	33+20.86	6.60	BOTH	Waterborne/Solvent Paint		x										2.61				Cross Hatching
	28+57.41	30+32.26	1.75	WB	Waterborne/Solvent Paint	x							1.76								
	30+32.26	33+21.13	2.89	WB	Waterborne/Solvent Paint	x							2.89								
	33+20.86	34+00.00	0.79	BOTH	Waterborne/Solvent Paint		x			0.79											
	33+21.13	34+00.00	0.79	WB	Waterborne/Solvent Paint	x							0.79								
			0.00		Waterborne/Solvent Paint																
	Highway 110	57+08.03	61+83.17	4.75	NB	Waterborne/Solvent Paint			x				4.75								
57+08.48		63+09.25	6.01	BOTH	Waterborne/Solvent Paint	x		x					12.02								
57+08.48		63+09.25	6.01	BOTH	Waterborne/Solvent Paint		x						1.67							Cross Hatching	
57+08.87		63+09.25	6.00	SB	Waterborne/Solvent Paint	x						6.01									
61+83.17		62+43.18	0.60	NB	Waterborne/Solvent Paint			x				0.60									
62+43.18		64+49.63	2.06	NB	Waterborne/Solvent Paint			x				2.06									
62+43.62		65+15.32	2.72	NB	Waterborne/Solvent Paint			x						2.72							
63+09.10		65+15.32	2.06	NB	Waterborne/Solvent Paint	x								2.06							
63+09.25		65+15.32	2.06	BOTH	Waterborne/Solvent Paint	x				2.06											
63+09.25		64+09.25	0.59	SB	Waterborne/Solvent Paint	x						0.59									
63+08.45		64+09.22	1.24	SB	Waterborne/Solvent Paint	x						1.24									
64+47.28		64+47.28	0.00	NB	Waterborne/Solvent Paint			x								0.12					
64+49.63		64+78.72	0.29	NB	Waterborne/Solvent Paint			x					0.29								
64+52.21		64+52.21	0.00	NB	Waterborne/Solvent Paint	x	x	x								0.12					
64+58.50		64+58.50	0.00	NB	Waterborne/Solvent Paint	x										0.12					
64+70.72		65+11.44	0.41	NB	Waterborne/Solvent Paint			x					0.76								
64+92.22		65+77.45	0.85	SB	Waterborne/Solvent Paint	x						1.05									
65+05.86		65+15.32	0.09	NB	Waterborne/Solvent Paint			x								0.25					
65+15.32		65+15.32	0.00	NB	Waterborne/Solvent Paint	x	x	x								0.36					
			0.00		Waterborne/Solvent Paint																
90th Avenue		65+84.71	66+27.67	0.43	NB	Waterborne/Solvent Paint			x				0.55								
		66+16.64	66+16.68	0.00	SB	Waterborne/Solvent Paint	x									0.13					
		66+16.64	68+42.06	2.25	SB	Waterborne/Solvent Paint	x								2.25						
		66+27.67	67+03.06	0.75	NB	Waterborne/Solvent Paint			x				0.76								
	66+16.68	66+45.47	0.29	SB	Waterborne/Solvent Paint	x									0.38						
	66+41.27	66+82.50	0.41	SB	Waterborne/Solvent Paint	x						0.76									
	66+42.06	66+42.06	0.00	SB	Waterborne/Solvent Paint	x															
	66+42.06	68+42.06	2.00	BOTH	Waterborne/Solvent Paint	x				2.00					0.12						
	66+82.50	66+97.49	0.15	SB	Waterborne/Solvent Paint	x															
	66+97.49	68+41.70	1.44	SB	Waterborne/Solvent Paint	x						1.44									
	67+03.06	73+84.84	6.82	NB	Waterborne/Solvent Paint			x				6.82									
	68+41.70	73+76.48	5.33	SB	Waterborne/Solvent Paint	x						5.35									
	68+42.06	73+75.40	5.33	BOTH	Waterborne/Solvent Paint			x						10.67							
	68+42.06	73+75.40	5.33	BOTH	Waterborne/Solvent Paint	x	x						1.75							Cross Hatching	
	73+75.40	73+84.84	0.09	BOTH	Waterborne/Solvent Paint	x	x			0.09											
	73+76.48	73+84.84	0.08	SB	Waterborne/Solvent Paint	x						0.08									



110-12
10-20-20

POLLUTION PREVENTION PLAN

This project is regulated by the requirements of the Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) General Permit No. 2 OR an Iowa Department of Natural Resources (DNR) National Pollutant Discharge Elimination System (NPDES) individual storm water permit. The Contractor shall carry out the terms and conditions of this permit and the Pollution Prevention Plan (PPP).

This Base PPP includes information on Roles and Responsibilities, Project Site Description, Controls, Maintenance Procedures, Inspection Requirements, Non-Storm Water Controls, Potential Sources of Dff Right-of-Way Pollution, and Definitions. This plan references other documents rather than repeating the information contained in the documents. A copy of this Base Pollution Prevention Plan, amended as needed during construction, will be readily available for review.

All contractors shall conduct their operations in a manner that controls pollutants, minimizes erosion, and prevents sediments from entering waters of the state and leaving the highway right-of-way. The Contractor shall be responsible for compliance and implementation of the PPP for their entire contract. This responsibility shall be further shared with subcontractors whose work is a source of potential pollution as defined in this PPP.

I. RDLES AND RESPDNSIBILITES

A. Designer:

1. Prepares Base PPP included in the project plan.

2. Prepares Notice of Intent (NOI) submitted to Iowa DNR.

3. Is signature authority on the Base PPP. If consultant designed, signature from Contracting Authority is also required.

8. Contractor:

1. Signs a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP. All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.

2. Designates a Water Pollution Control Manager (WPCM), who has the duties and responsibilities as defined in Section 2602 of the Standard Specifications.

3. Submits an Erosion Control Implementation Plan (ECIP) and ECIP updates according to Section 2602 of the Standard Specifications.

4. Installs and maintains appropriate controls. This work may be subcontracted as documented through Subcontractor Request Forms (Form 830231).

5. Supervises and implements good housekeeping practices according to Paragraph III, C, 2.

6. Conducts joint required inspections of the site with inspection staff. When Contractor is not mobilized on site, Contractor may delegate this responsibility to a trained or certified subcontractor. Contracting Authority also may waive joint inspection requirement during winter shutdown. In both circumstances, WPCM (or trained or certified delegate from the Contractor) is still responsible to review and sign inspection reports.

7. Complies with training and certification requirements of Section 2602 of the Standard Specifications.

8. Submits amended PPP site map according to Section 2602 of the Standard Specifications.

C. Subcontractors:

1. Sign a co-permittee certification statement adhering to the requirements of the NPDES permit and this PPP if: responsible for sediment or erosion controls; involved in land disturbing activities; or perorming work that is a source of potential pollution as defined in this PPP. Subcontracted work items are identified in Subcontractor Request Forms (Form 830231). All co-permittees are legally required under the Clean Water Act and the Iowa Administrative Code to ensure compliance with the terms and conditions of this PPP.

2. Implement good housekeeping practices according to Paragraph III, C, 2.

D. RCE/Project Engineer:

1. Is Project Storm Water Manager.

2. On projects where DOT is the Contracting Authority, is current with erosion control training or certification.

3. Takes actions necessary to ensure compliance with storm water requirements including, where appropriate, issuing stop work orders, and directing additional inspections at construction project sites that are experiencing problems with achieving permit compliance.

4. Orders the taking of measures to cease, correct, prevent, or minimize the consequences of non-compliance with the storm water requirements of the Applicable Permit.

5. Supervises all work necessary to meet storm water requirements at the Project, including work performed by contractors and subcontractors.

6. Requires employees, contractors, and subcontractors to take appropriate responsive action to comply with storm water requirements, including requiring any such person to cease or correct a violation of storm water requirements, and to order or recommend such other actions as necessary to meet storm water requirements.

7. Is familiar with the Project PPP and storm water site map.

8. On projects where DOT is Contracting Authority, is responsible for periodically monitoring inspection reports to determine whether deficiencies identified in inspection reports were adequately and timely addressed, and if not, has the authority and responsibility to direct immediate actions to correct the deficiencies.

9. Is the point of contact for the Project for regulatory officials, Inspector, contractors, and subcontractors regarding storm water requirements.

10. Is signature authority on Notice of Discontinuation.

11. Maintains an up-to-date record of contractors, subcontractors, and subcontracted work items through Subcontractor Request Forms (Form 830231).

12. Makes information to determine permit compliance available to the DNR upon their request.

E. Inspector:

1. Updates PPP through fieldbook entries and storm water site inspection reports if there is a change in design, construction, operation, or maintenance which has a significant effect on the discharge of pollutants from the project.

2. Makes information to determine permit compliance available to the DNR upon their request.

3. Conducts joint required inspections of the site with the contractor/subcontractor.

4. Completes an inspection report after each inspection.

5. Is signature authority on storm water inspection reports.

II. PROJECT SITE DESCRIPTION

A. This Pollution Prevention Plan (PPP) is for the construction of a street and storm water.

8. This PPP covers approximately 5.0 acres with an estimated 5.0 acres being disturbed. The portion of the PPP covered by this contract has 5.0 acres disturbed.

C. The PPP is located in an area of Galva - Primghar soil association.

The estimated weighted average runoff coefficient number for this PPP after completion will be 0.67.

D. Storm Water Site Map is located in the R sheets. Proposed slopes are shown in cross sections, details, or standard road plans. Supplemental information is located in the Tabulations in the C or CE sheets.

E. The base storm water site map is amended by contract modifications and progress payments (fieldbook entries) of completed erosion control work. Also, due to project phasing, erosion and sediment controls shown on project plans may not be installed until needed, based on site conditions. For example, silt fence ditch checks will typically not be installed until the ditch has been

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POLLUTION PREVENTION PLAN

installed. Installed locations may also be modified from tabulation locations by field staff. Installed locations will be documented by fieldbook entries and amended PPP site map.

F. Runoff from this work will flow into *List Outlets for Runoff*.

III. CONTROLS

A. The Contractor's ECIP specified in Article 2602.03 of the Standard Specifications for accomplishment of storm water controls should clearly describe the intended sequence of major activities, and for each activity define the control measure and the timing during the construction process that the measure will be implemented.

B. Preserve vegetation in areas not needed for construction.

C. Sections 2601 and 2602 of the Standard Specifications define requirements to implement erosion and sediment control measures. Actual quantities used and installed locations may vary from the Base PPP and amendment of the plan will be documented via fieldbook entries, amended PPP site map, or by contract modification. Additional erosion and sediment control items may be required as determined by the Inspector and/or contractor during storm water site inspections. If the work involved is not applicable to any contract items, the work will be paid for according to Article 1109.03 paragraph B of the Standard Specifications.

1. EROSIDN AND SEDIMENT CNTRDLS

a. Stabilization Practices

1) Site plans will ensure that existing vegetation or natural buffers are preserved where attainable and disturbed portions of the site will be stabilized.

2) Initialize stabilization of disturbed areas immediately after clearing, grading, excavating, or other earth disturbing activities have:

a) Permanently ceased on any portion of the site, or

b) Temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days.

3) Staged permanent and/or temporary stabilizing seeding and mulching shall be completed as the disturbed areas are completed. Incomplete areas shall be stabilized according to paragraph III, C, 1, a, 2, b above.

4) Permanent and Temporary Stabilization practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation (105-4) in the C or R sheets.

5) Preservation of existing vegetation within right-of-way or easements will act as vegetative buffer strips.

6) Preservation of topsoil: Bid items to be used for this project are located in the Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets. Additional information may be found in the Tabulations in the C or T Tabulation sheets, or is referenced in Section 2105 of the Standard Specifications.

b. Structural Practices

1) Structural practices will be implemented to divert flows from exposed soils and detain or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Additionally, structural practices may include: silt basins that provide 3600 cubic feet of storage per acre drained or equivalent sediment controls, outlet structures that withdraw water from surface when discharging basins, and controls to direct storm water to vegetated areas.

2) Structural practices to be used for this project are located in the storm water site map, Estimated Project Quantities (100-0A, 100-1A, or 100-1C), and Estimate Reference Information (100-4A) located in the C or R sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the devices to be used on this project can be found on the B or R sheets or are referenced in the Standard Road Plans Tabulation (105-4) located in the C or R sheets.

c. Storm Water Management

Measures shall be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. This may include velocity dissipation devices at discharge locations and along length of outfall channel as necessary to provide a non-erosion velocity flow from structure to water course. If included with this project, these items are located in the storm water site map and Estimated Project Quantities (100-0A, 100-1A, or 100-1C) and Estimate Reference Information (100-4A) located in the C or R sheets, as well as all other item specific Tabulations. Typical drawings detailing construction of the practices to be used on this project are referenced in the Standard Road Plans Tabulation. The installation of these devices may be subject to Section 404 of the Clean Water Act.

2. OTHER CONTROLS

Contractor disposal of unused construction materials and construction material wastes shall comply with applicable state and local waste disposal, sanitary sewer, or septic system regulations. In the event of a conflict with other governmental laws, rules and regulations, the more restrictive laws, rules or regulations shall apply.

a. Vehicle Entrances and Exits - Construct and maintain entrances and exits to prevent tracking of sediments onto roadways.

b. Material Delivery, Storage and Use - Implement practices to prevent discharge of construction materials during delivery, storage, and use.

c. Stockpile Management - Install controls to reduce or eliminate pollution of storm water from stockpiles of soil and paving.

d. Waste Disposal - Do not discharge any materials, including building materials, into waters of the state, except as authorized by a Section 404 permit.

e. Spill Prevention and Control - Implement chemical spill and leak prevention and response procedures to contain and clean up spills and prevent material discharges to the storm drain system and waters of the state.

f. Concrete Residuals and Washout Wastes - Waste shall not be discharged to a surface water and is not allowed to adversely affect a water of the state. Designate temporary concrete washout facilities for rinsing out concrete trucks. Provide directions to truck drivers where designated washout facilities are located. Designated washout areas should be located at least 50 feet away from storm drains, streams or other water bodies. Care should be taken to ensure these facilities do not overflow during storm events.

g. Concrete Grooving/Grinding Slurry - Do not discharge slurry to a waterbody or storm drain. Slurry may be applied on foreslopes or removed from the project.

h. Vehicle and Equipment Storage and Maintenance Areas - Perform on site fueling and maintenance in accordance with all environment laws such as proper storage of onsite fuels and proper disposal of used engine oil or other fluids on site. Employ washing practices that prevent contamination of surface and ground water from wash water. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.

i. Litter Management - Ensure employees properly dispose of litter. Minimize exposure of trash if exposure to precipitation or storm water would result in a discharge of pollutants.

j. Dewatering - Properly treat water to remove suspended sediment before it re-enters a waterbody or discharges off-site. Measures are also to be taken to prevent scour erosion at dewatering discharge point.

3. APPRDVED STATE OR LDICAL PLANS

During the course of this construction, it is possible that situations will arise where unknown materials will be encountered. When such situations are encountered, they will be handled according to all federal, state, and local regulations in effect at the time.



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POLLUTION PREVENTION PLAN

SHEET

CE.1

POLLUTION PREVENTION PLAN

IV. MAINTENANCE PROCEDURES

The Contractor is required to maintain all temporary erosion and sediment control measures in proper working order, including cleaning, repairing, or replacing them throughout the contract period. This shall begin when the features have lost 50% of their capacity.

V. INSPECTION REQUIREMENTS

- A. Inspections shall be made jointly by the Contractor and the Contracting Authority's inspector at least once every seven calendar days. Storm water site inspections will include:
1. Date of the inspection.
 2. Summary of the scope of the inspection.
 3. Name and qualifications of the personnel making the inspection.
 5. Review of erosion and sediment control measures within disturbed areas for the effectiveness in preventing impacts to receiving waters.
 6. Major observations related to the implementation of the PPP.
 7. Identification of corrective actions required to maintain or modify erosion and sediment control measures.
- B. Include storm water site inspection reports in the Amended PPP. Incorporate any additional erosion and sediment control measures determined as a result of the inspection. Immediately begin corrective actions on all deficiencies found within 3 calendar days of the inspection and complete within 7 calendar days following the inspection. If it is determined that making the corrections less than 72 hours after the inspection is impracticable, it should be documented why it is impracticable and indicate an estimated date by which the corrections will be made.

VI. NON-STORM WATER DISCHARGES

This includes subsurface drains (i.e. longitudinal and standard subdrains) and slope drains. The velocity of the discharge from these features may be controlled by the use of headwalls or blocks, Class A stone, erosion stone or other appropriate materials. This also includes uncontaminated groundwater from dewatering operations, which will be controlled as discussed in Section III of the PPP.

VII. POTENTIAL SOURCES OF OFF RIGHT-OF-WAY (ROW) POLLUTION

Silts, sediment, and other forms of pollution may be transported onto highway right-of-way (ROW) as a result of a storm event. Potential sources of pollution located outside highway ROW are beyond the control of this PPP. Pollution within highway ROW will be conveyed and controlled per this PPP.

VIII. DEFINITIONS

- A. Base PPP - Initial Pollution Prevention Plan.
- B. Amended PPP - Base PPP amended during construction. May include Plan Revisions or Contract Modifications for new items, storm water site inspection reports, fieldbook entries made by the inspector, amended PPP site map by the Contractor, ECIP, NOI, co-permittee certifications, and Subcontractor Request Forms. Items amending the PPP are stored electronically and are readily available upon request.
- C. Fieldbook Entries - This contains the inspector's daily diary and bid item postings.
- D. Controls - Methods, practices, or measures to minimize or prevent erosion, control sedimentation, control storm water, or minimize contaminants from other types of waste or materials. Also called Best Management Practices (BMPs).
- E. Signature Authority - Representative authorized to sign various storm water documents.

CERTIFICATION STATEMENT

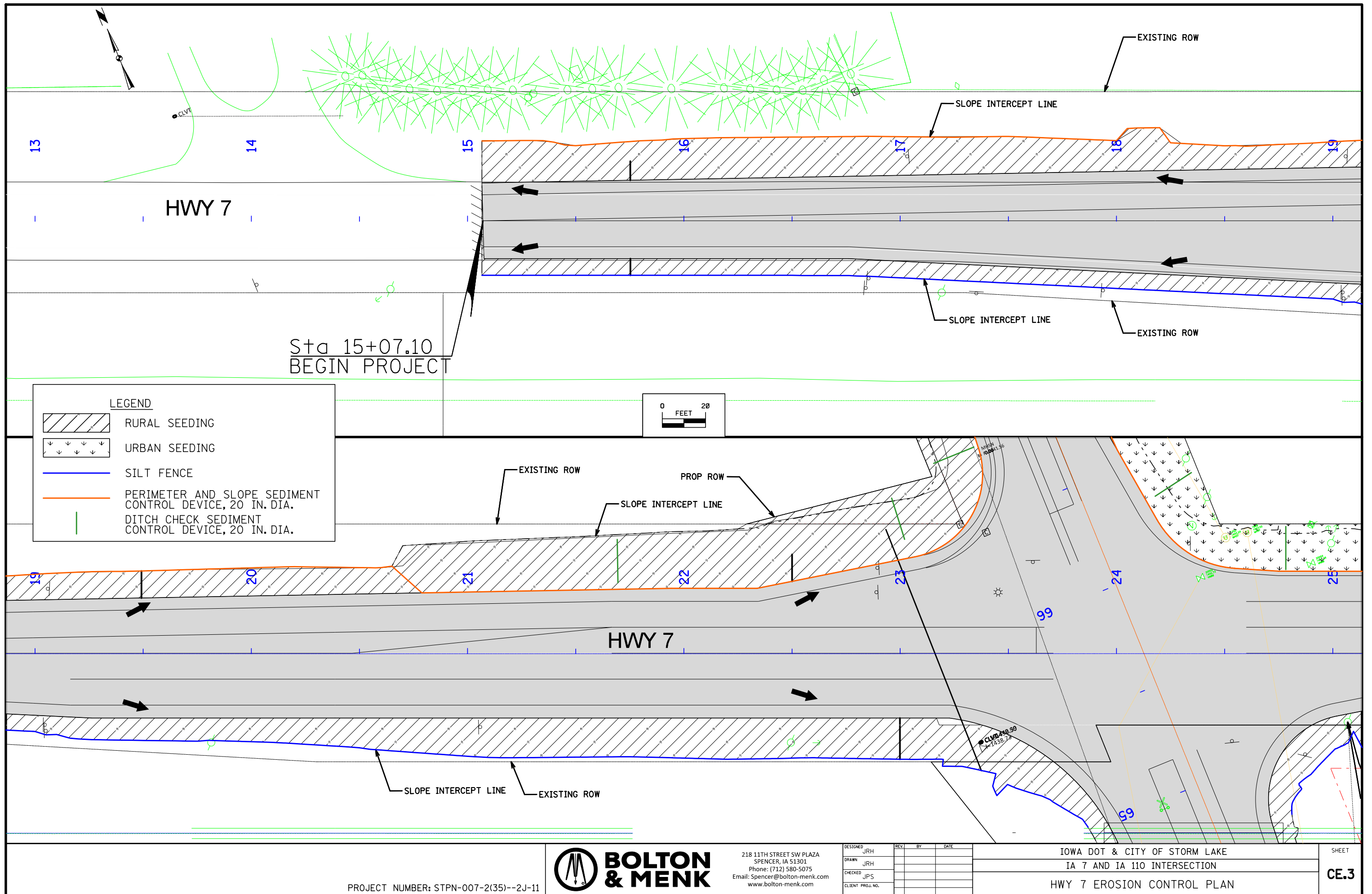
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

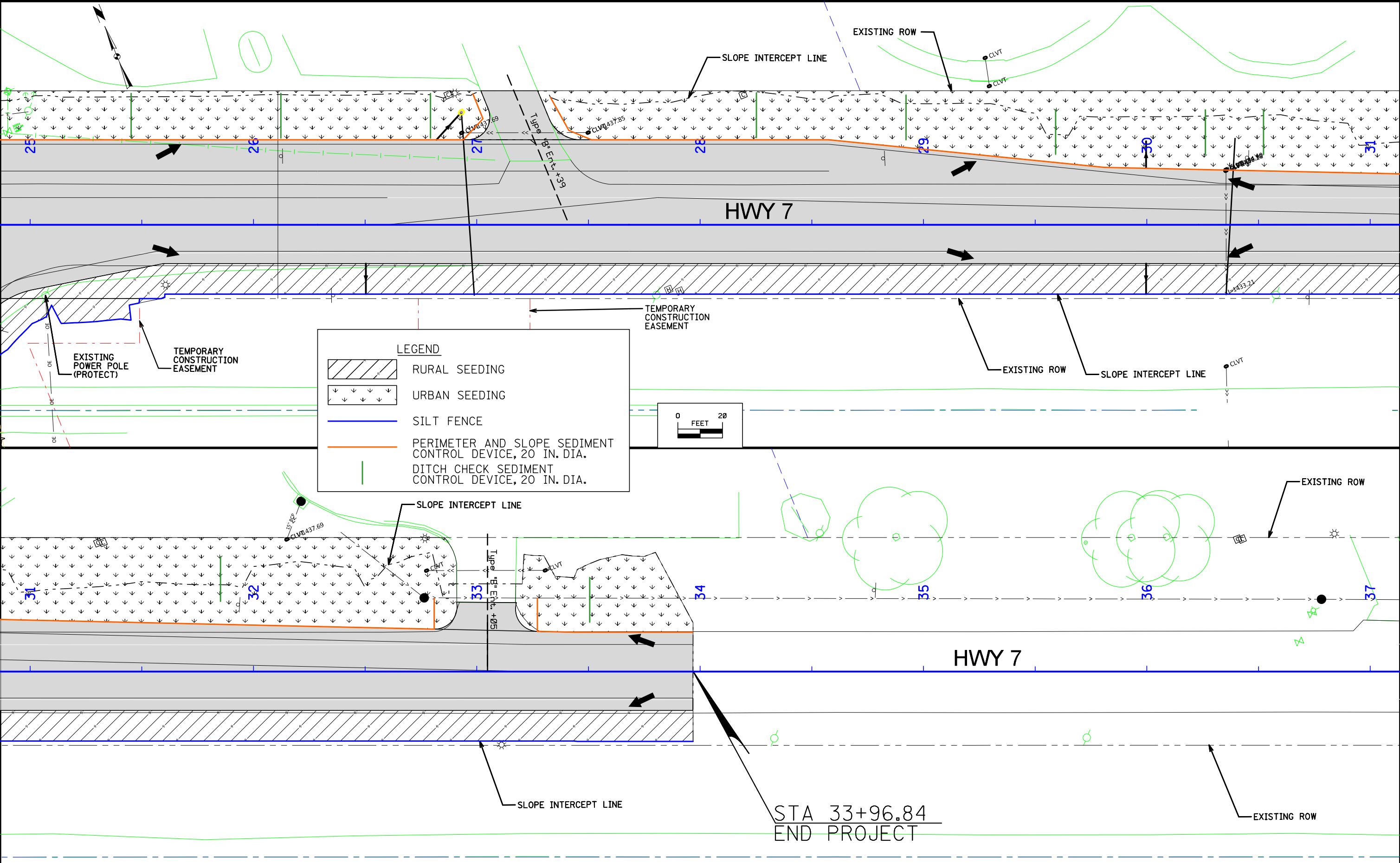
Signature

Scott Olesen

Printed or Typed Name

Signature





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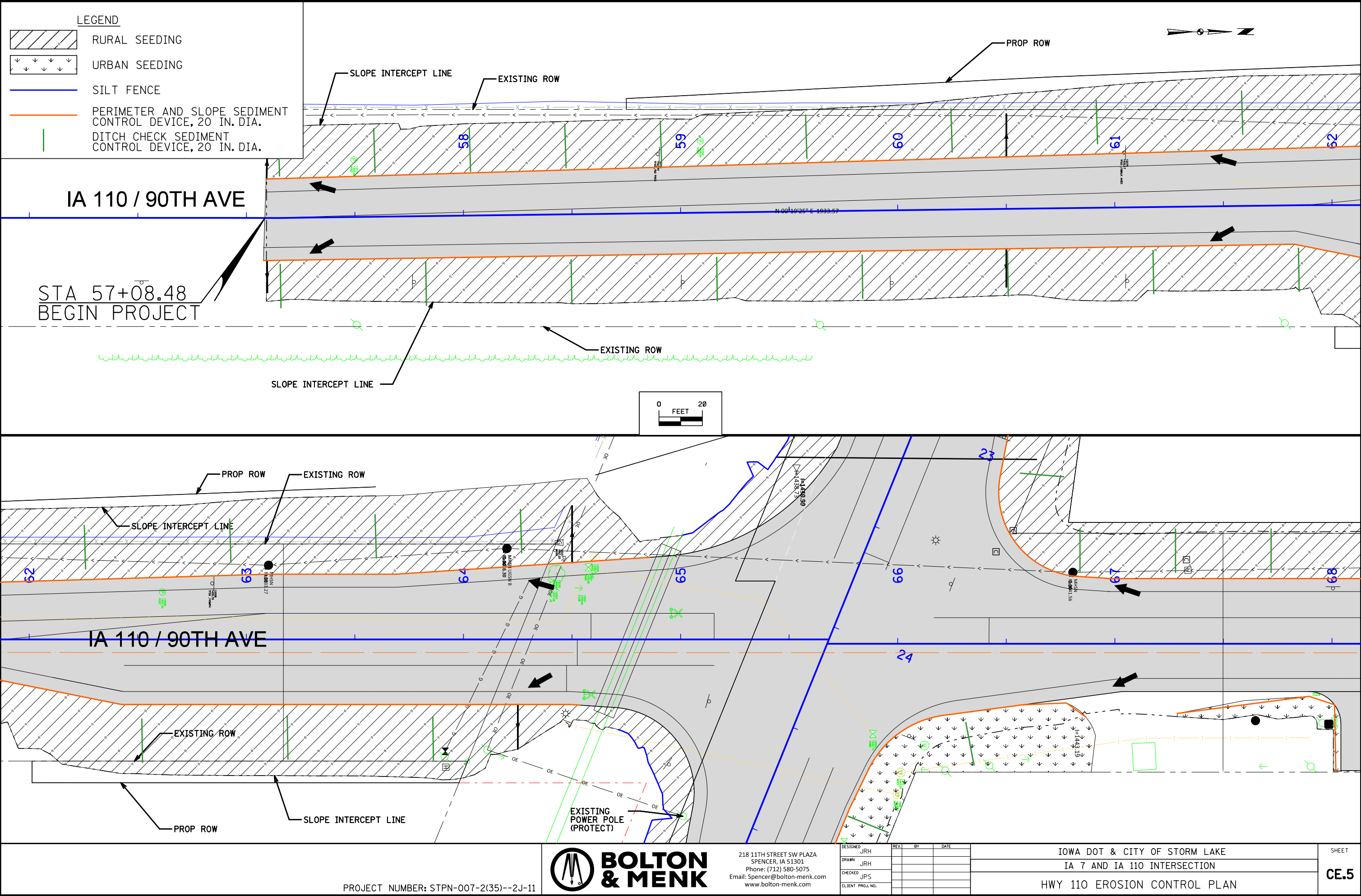
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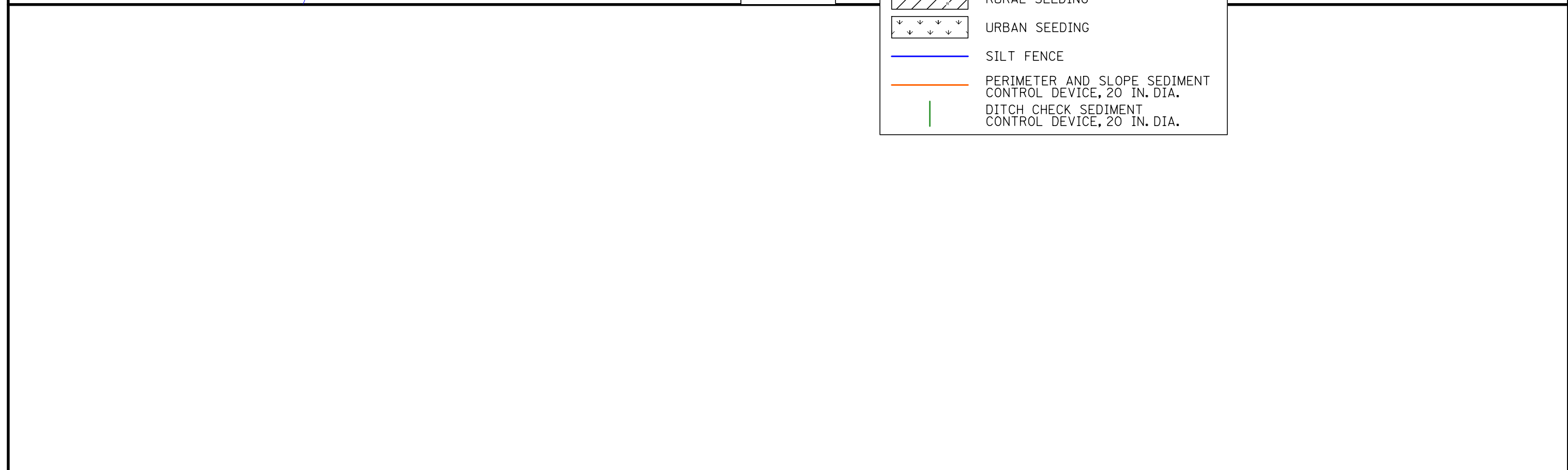
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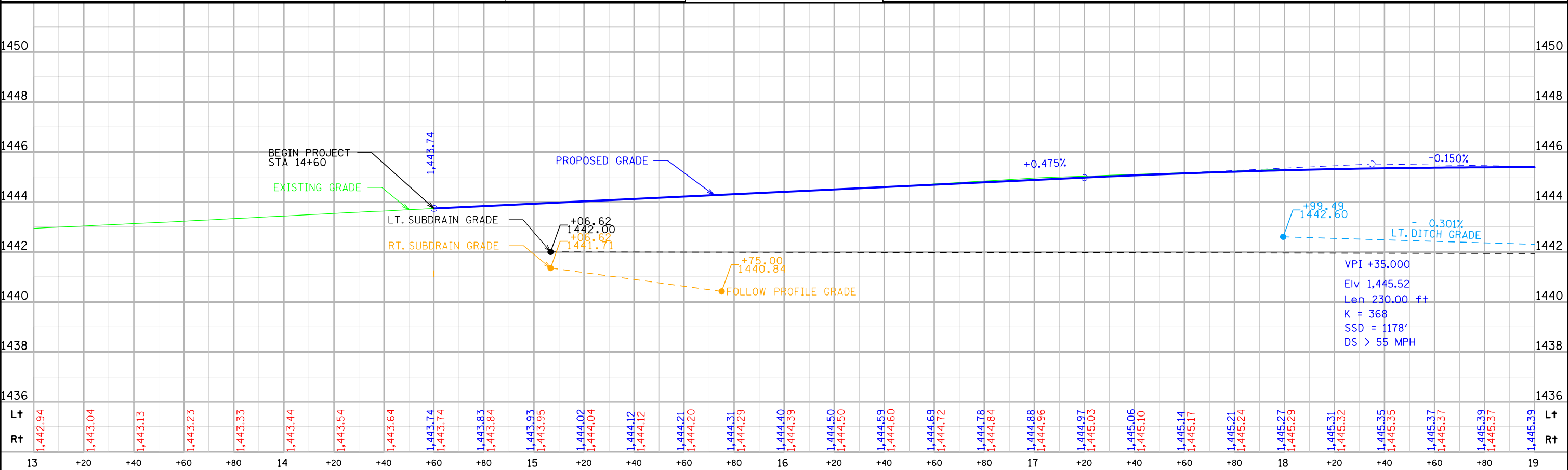
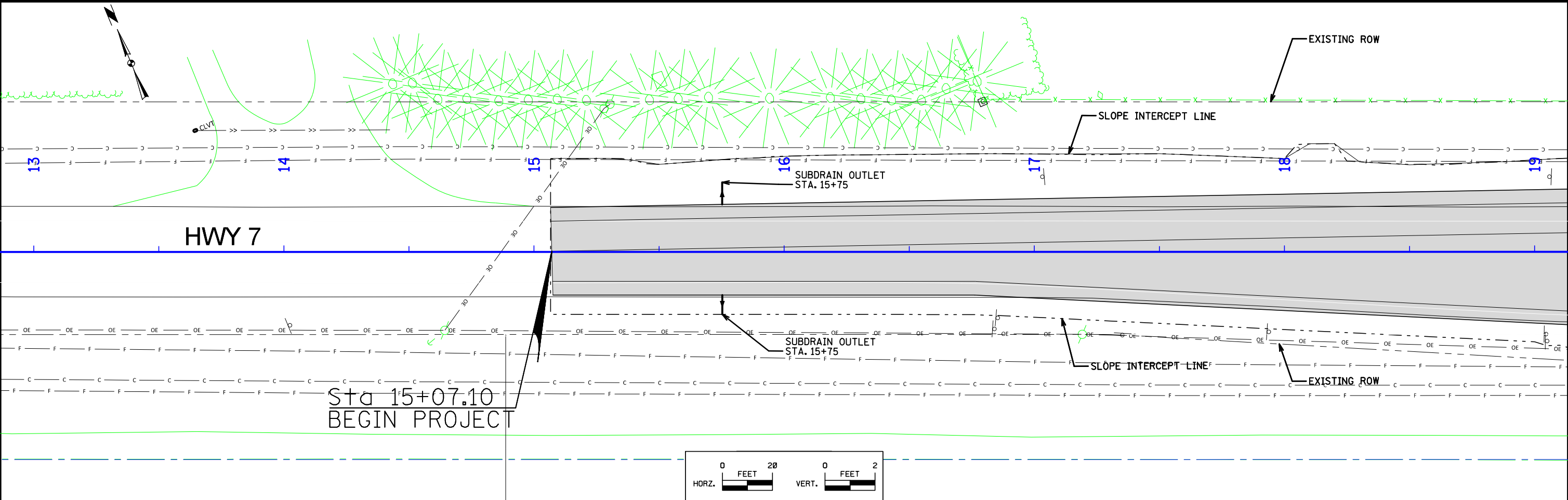
IOWA DOT & CITY OF STORM LAKE
IA 7 AND IA 110 INTERSECTION
HWY 7 EROSION CONTROL PLAN

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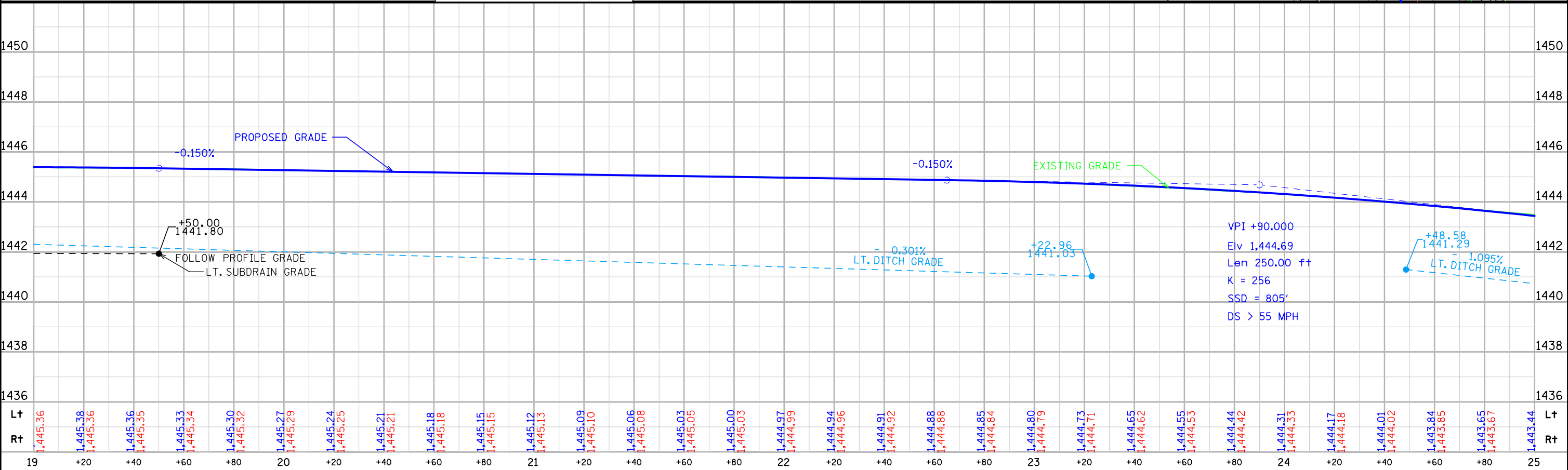
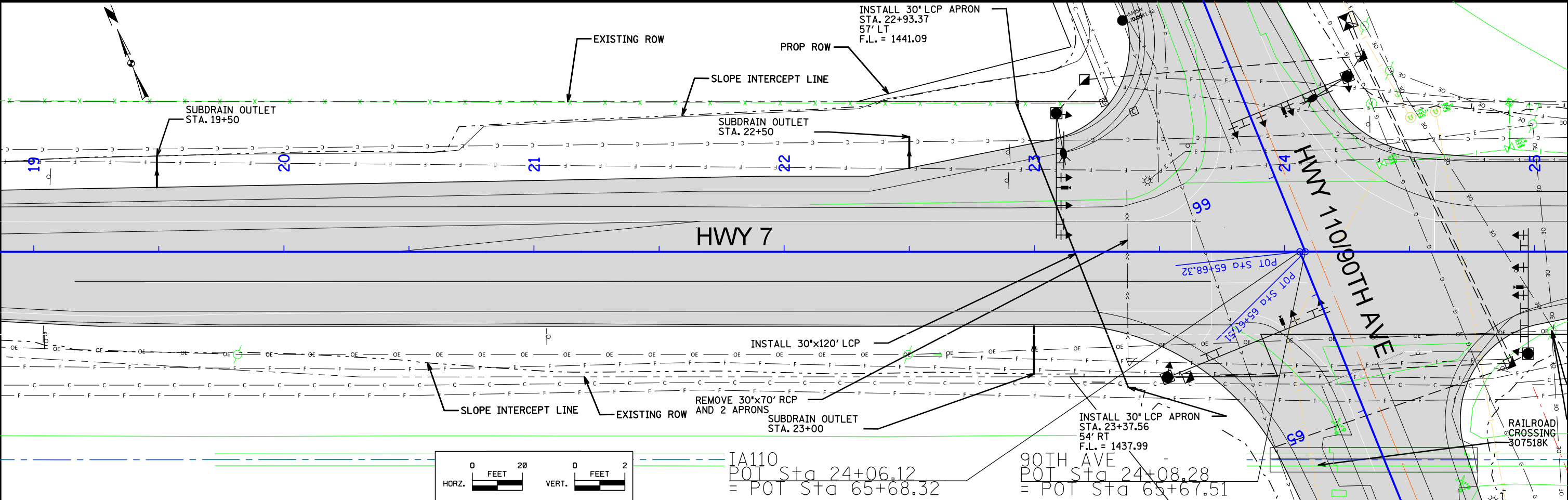
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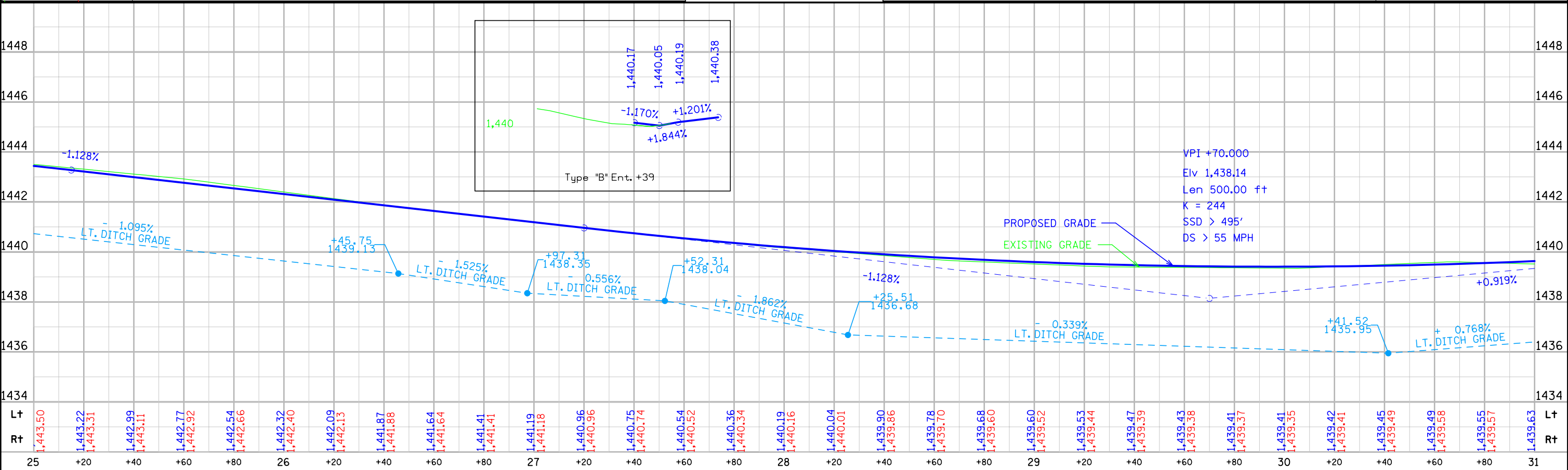
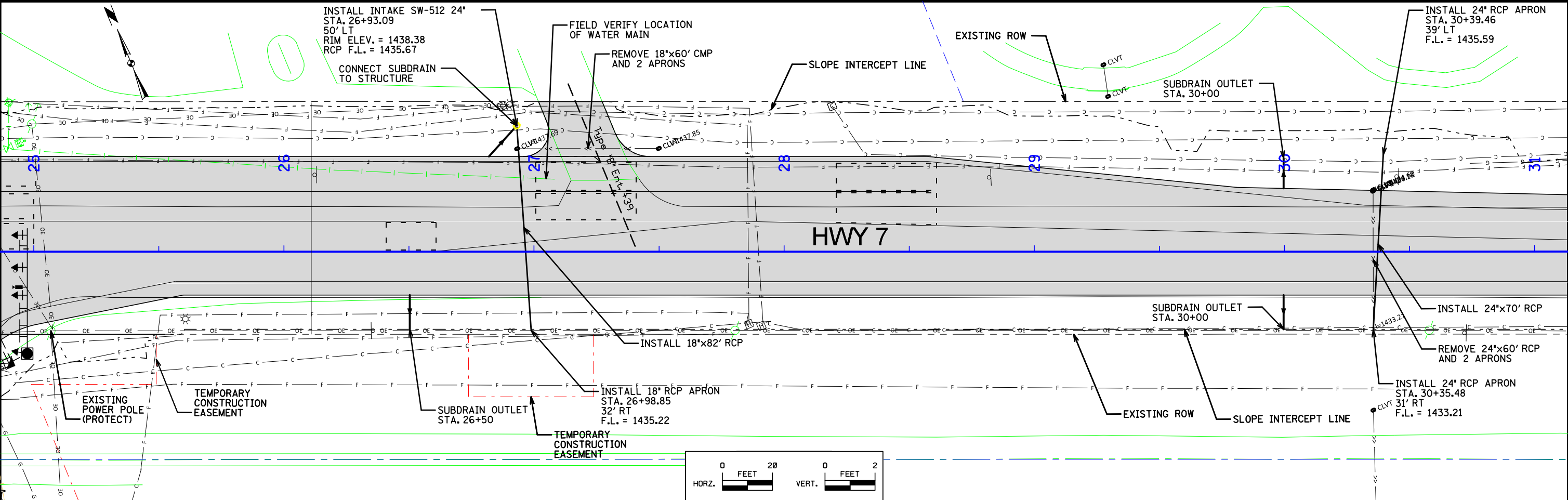
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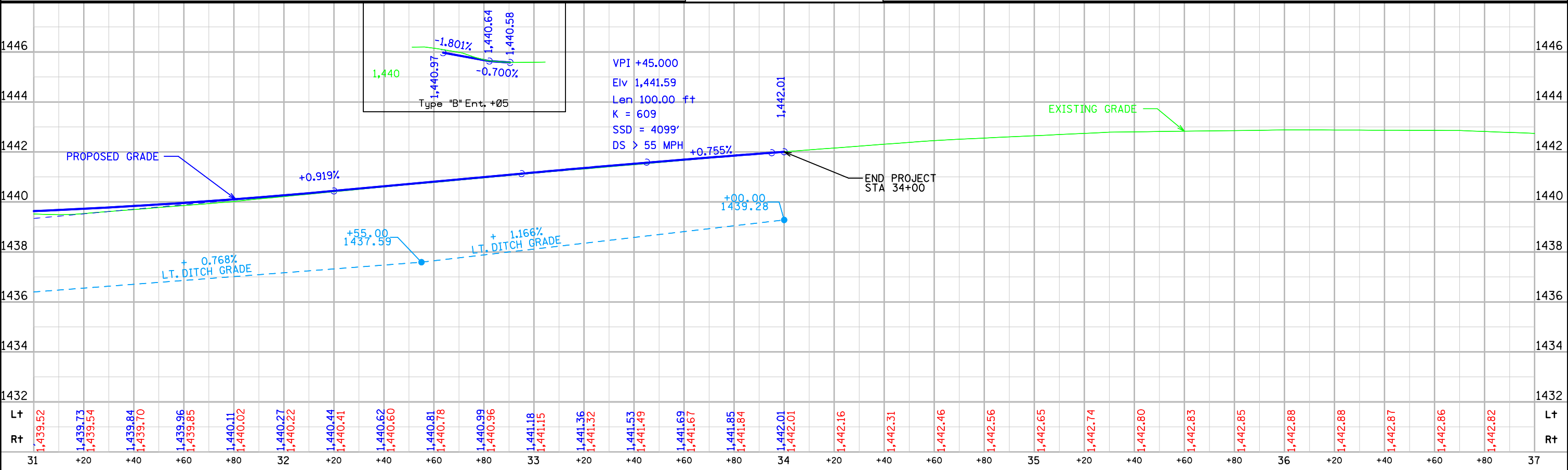
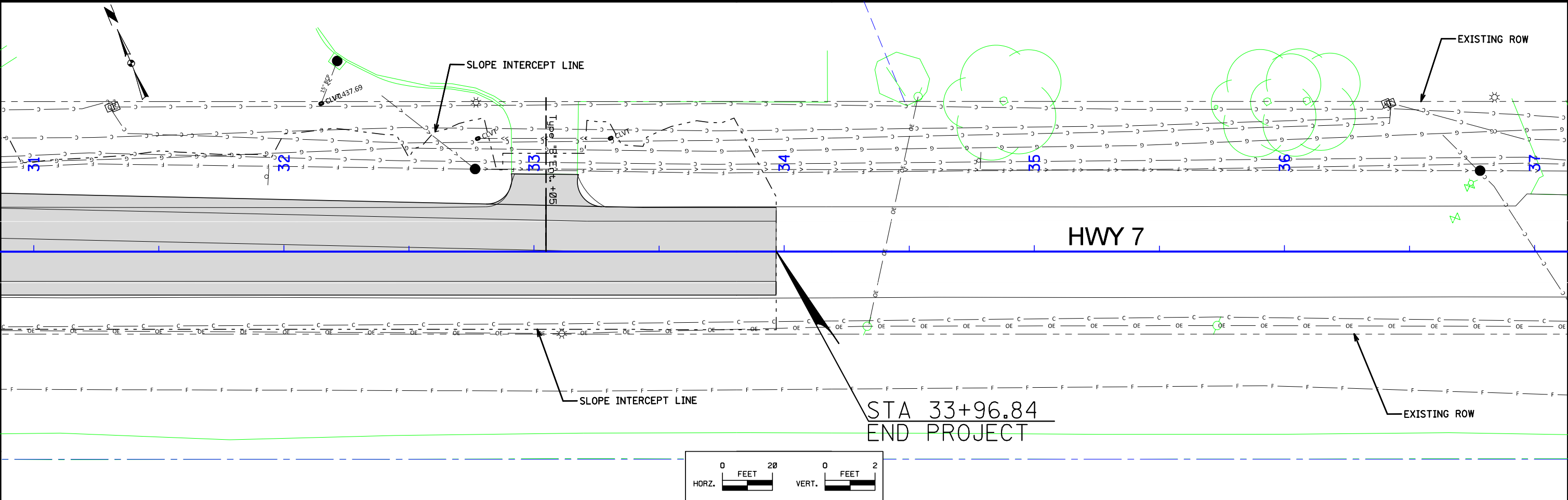
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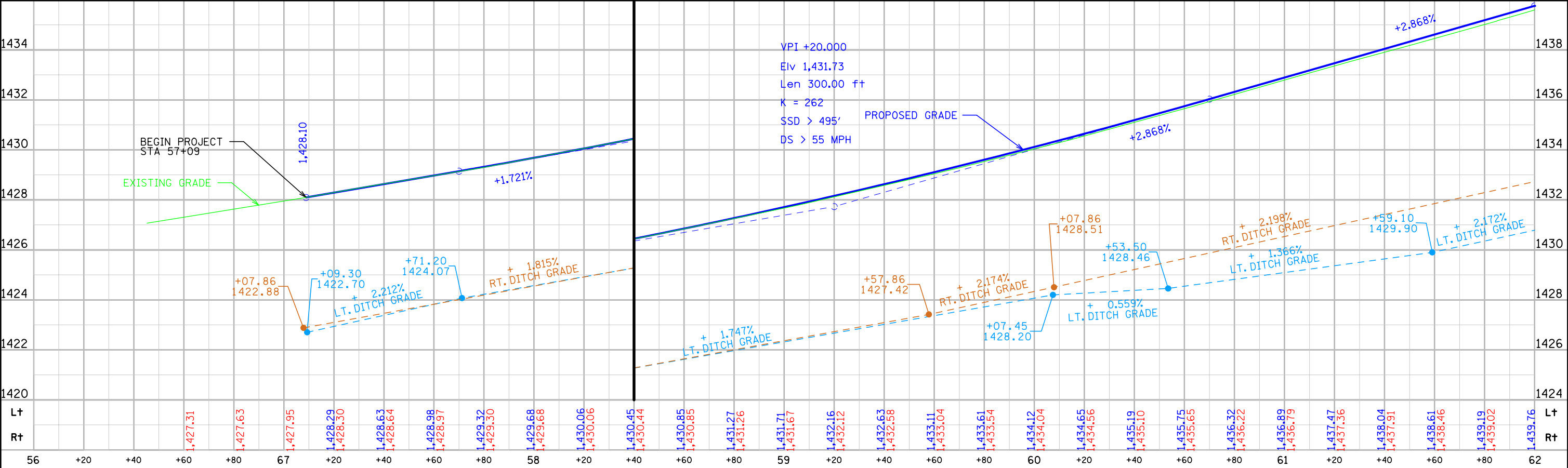
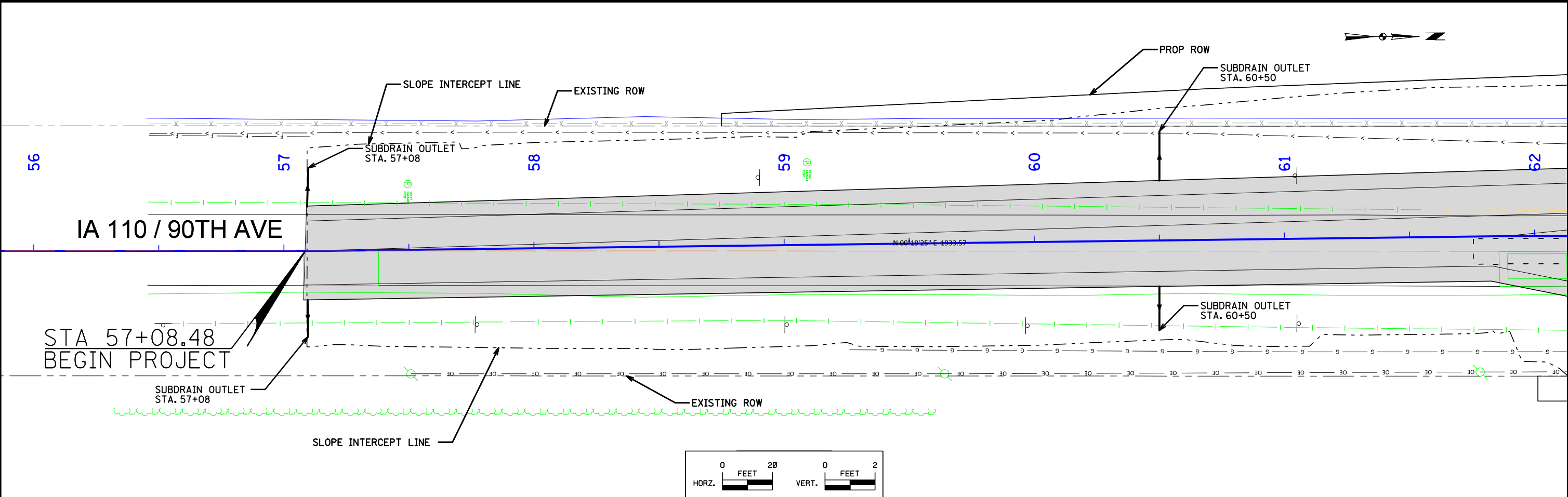
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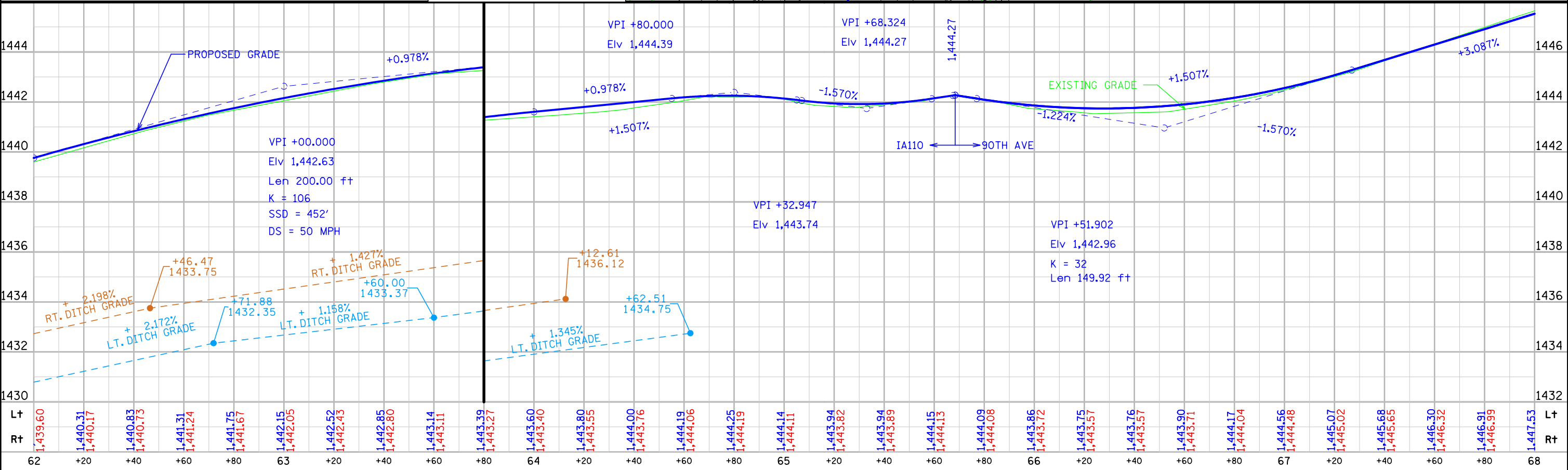
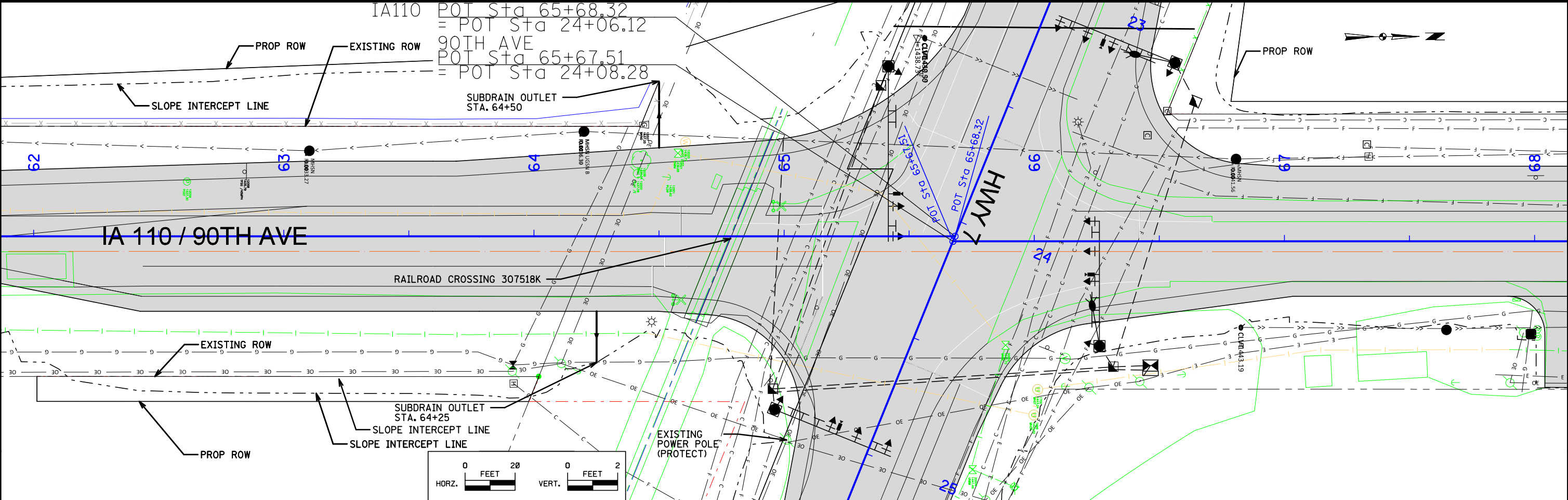
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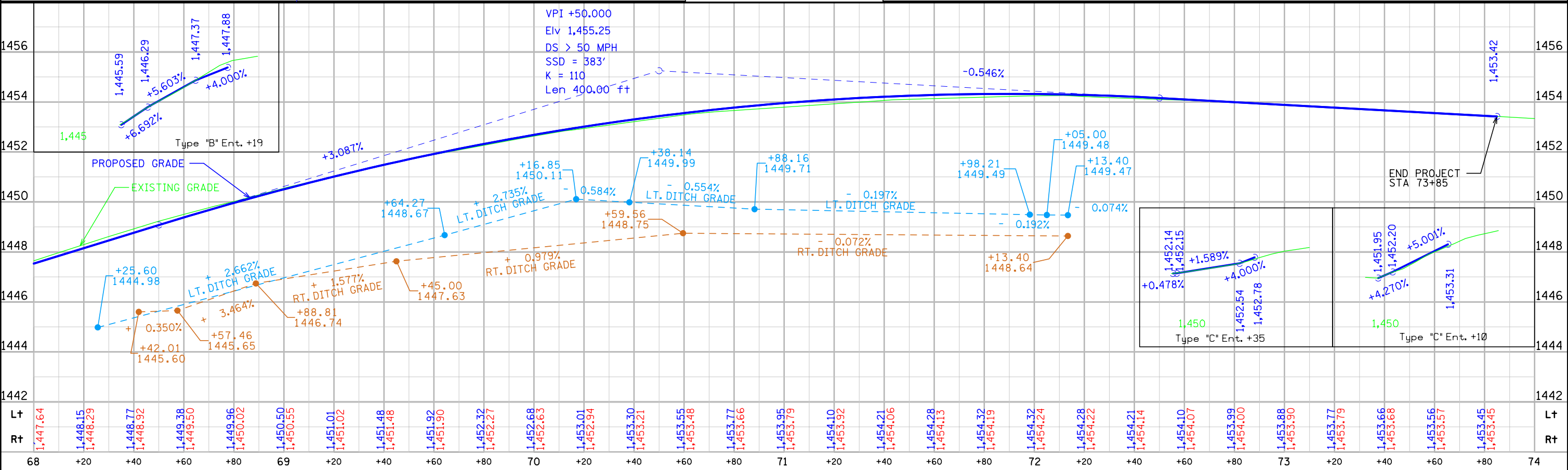
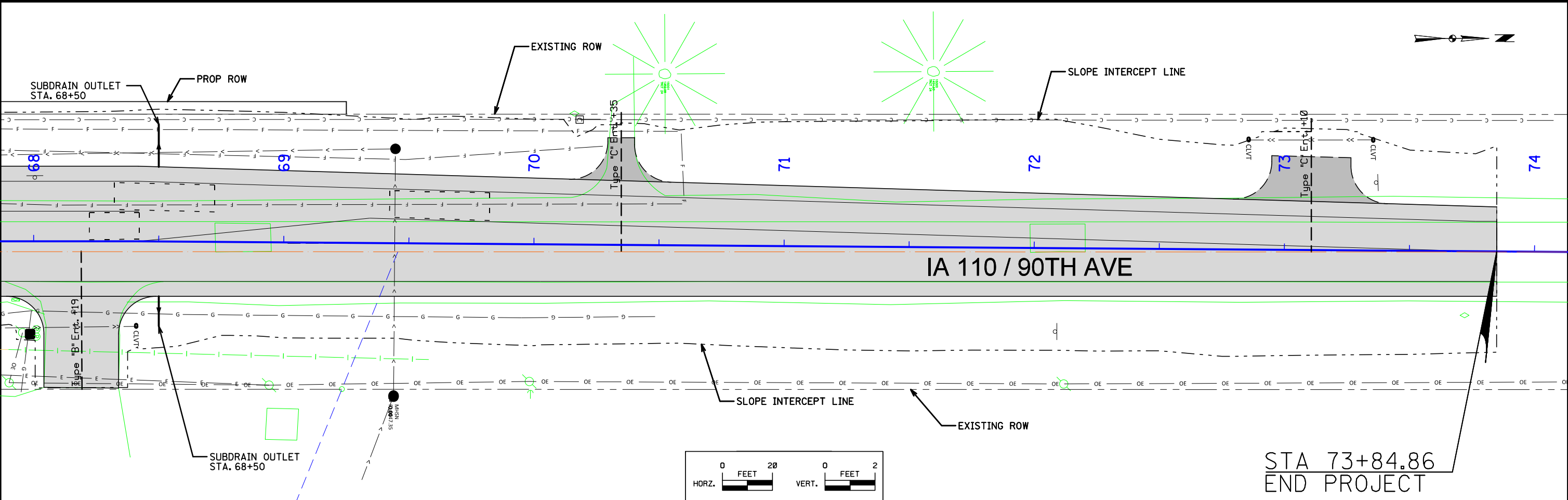




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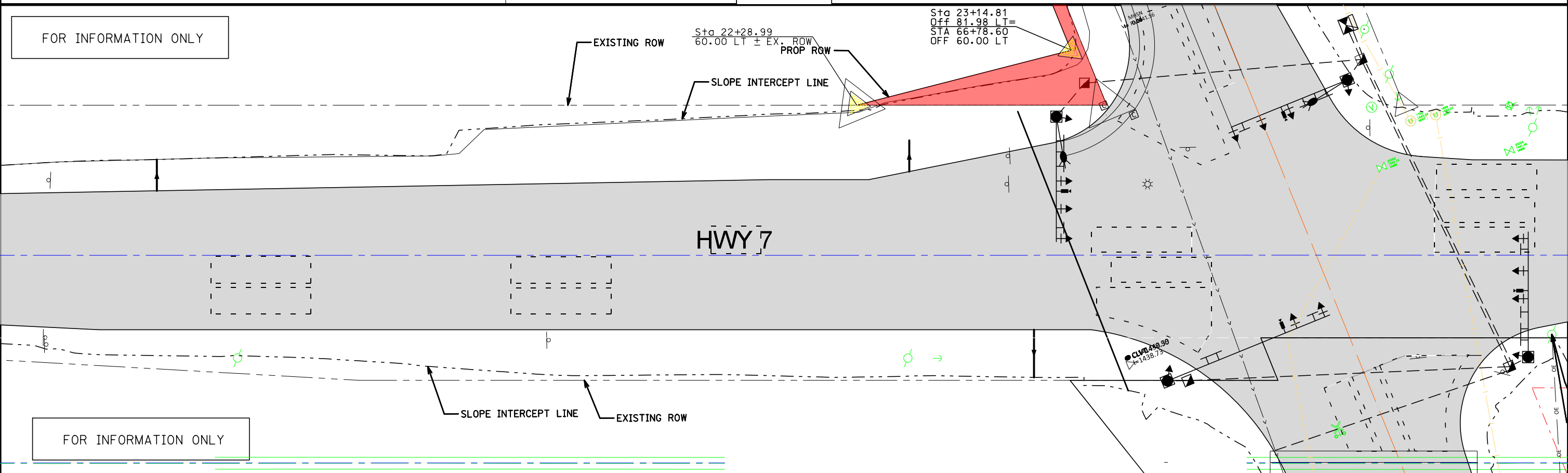
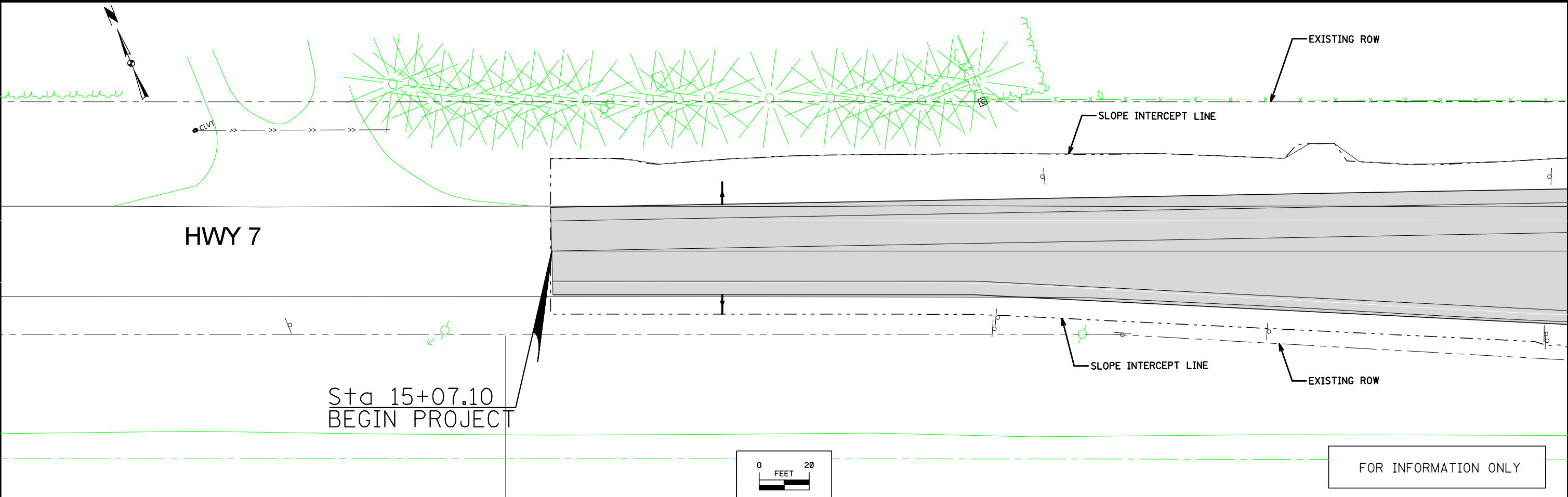
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HWY 110 PLAN AND PROFILE

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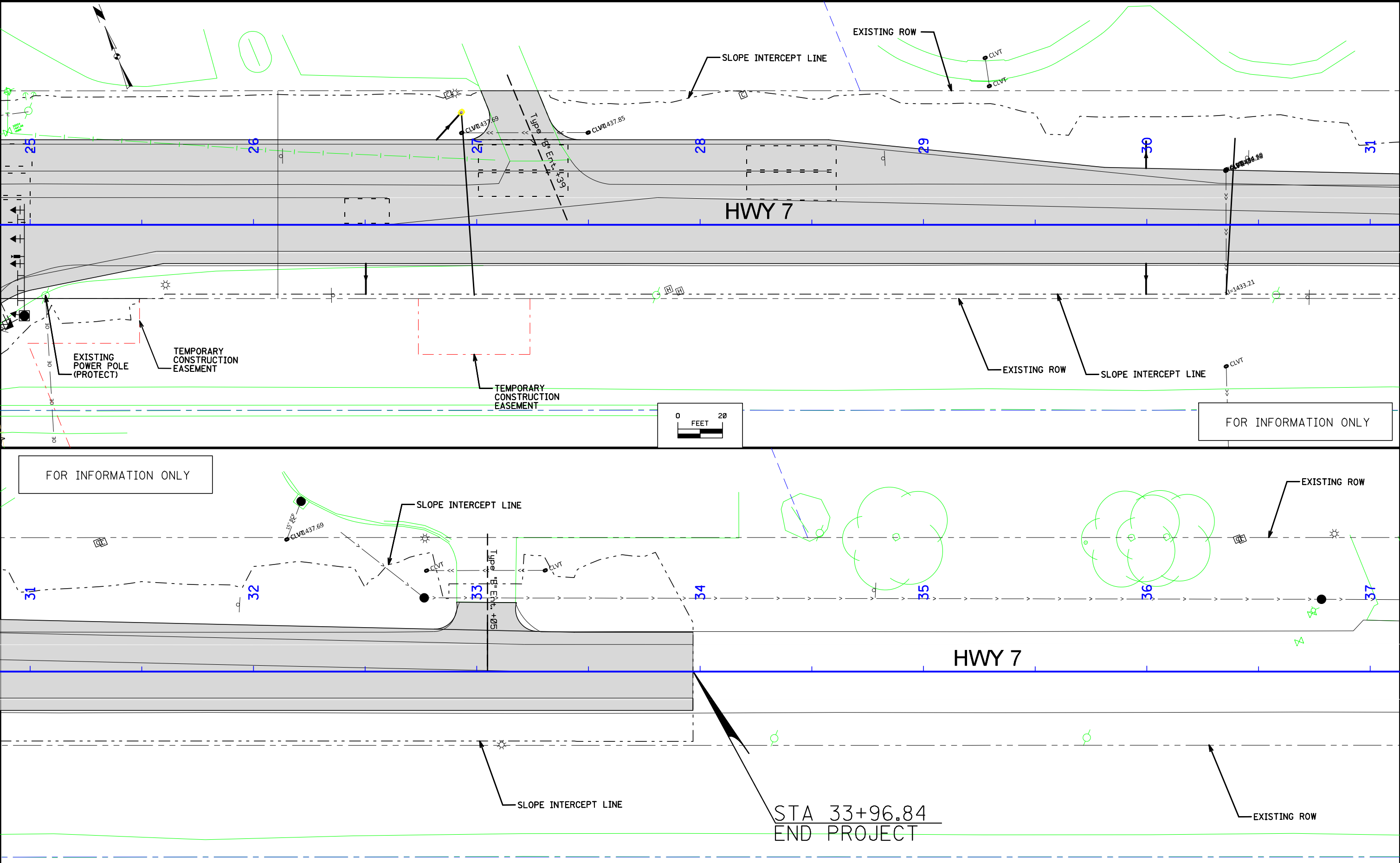
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IA 7 AND IA 110 INTERSECTION
HWY 7 RIGHT OF WAY INFORMATION

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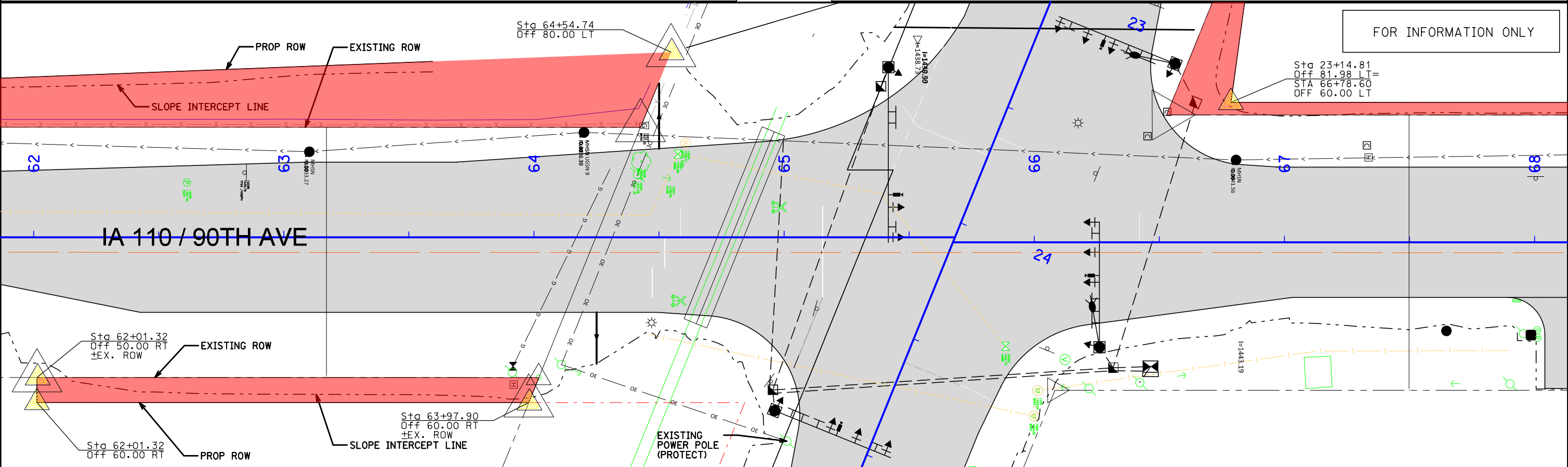
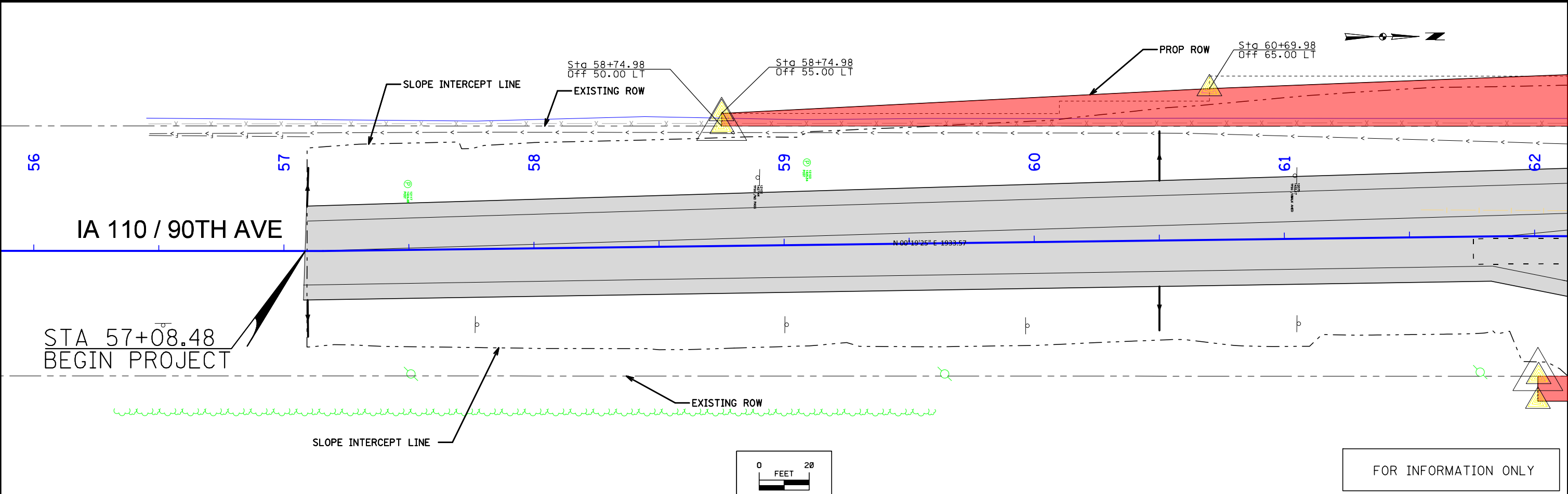
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IA 7 AND IA 110 INTERSECTION

HWY 7 RIGHT OF WAY INFORMATION

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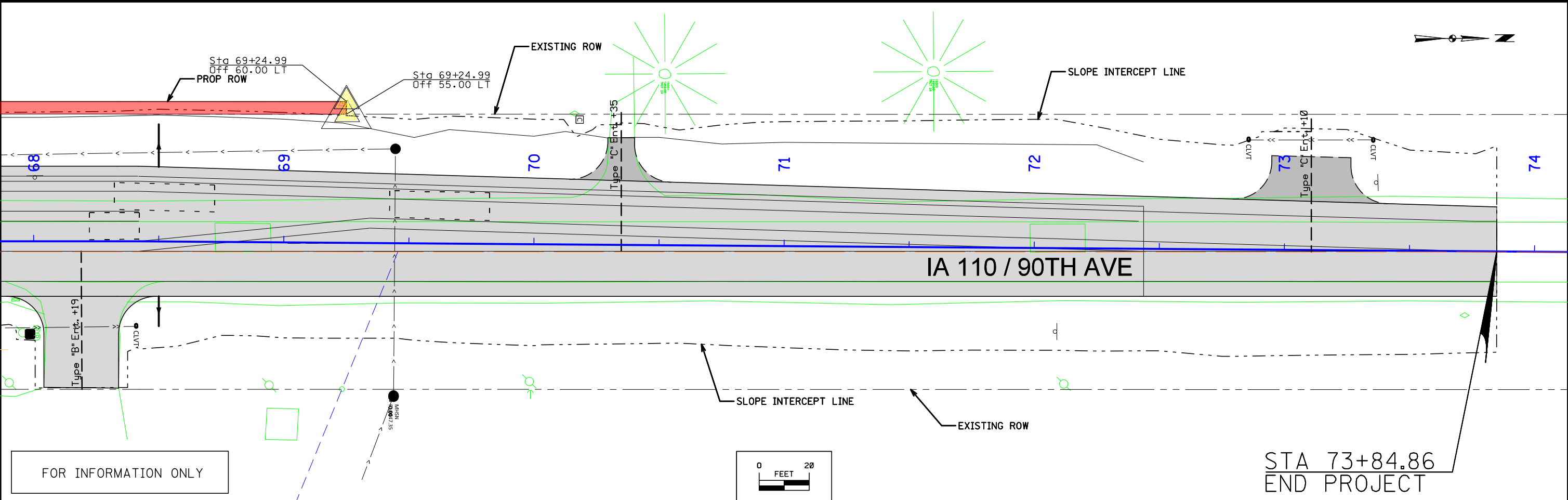
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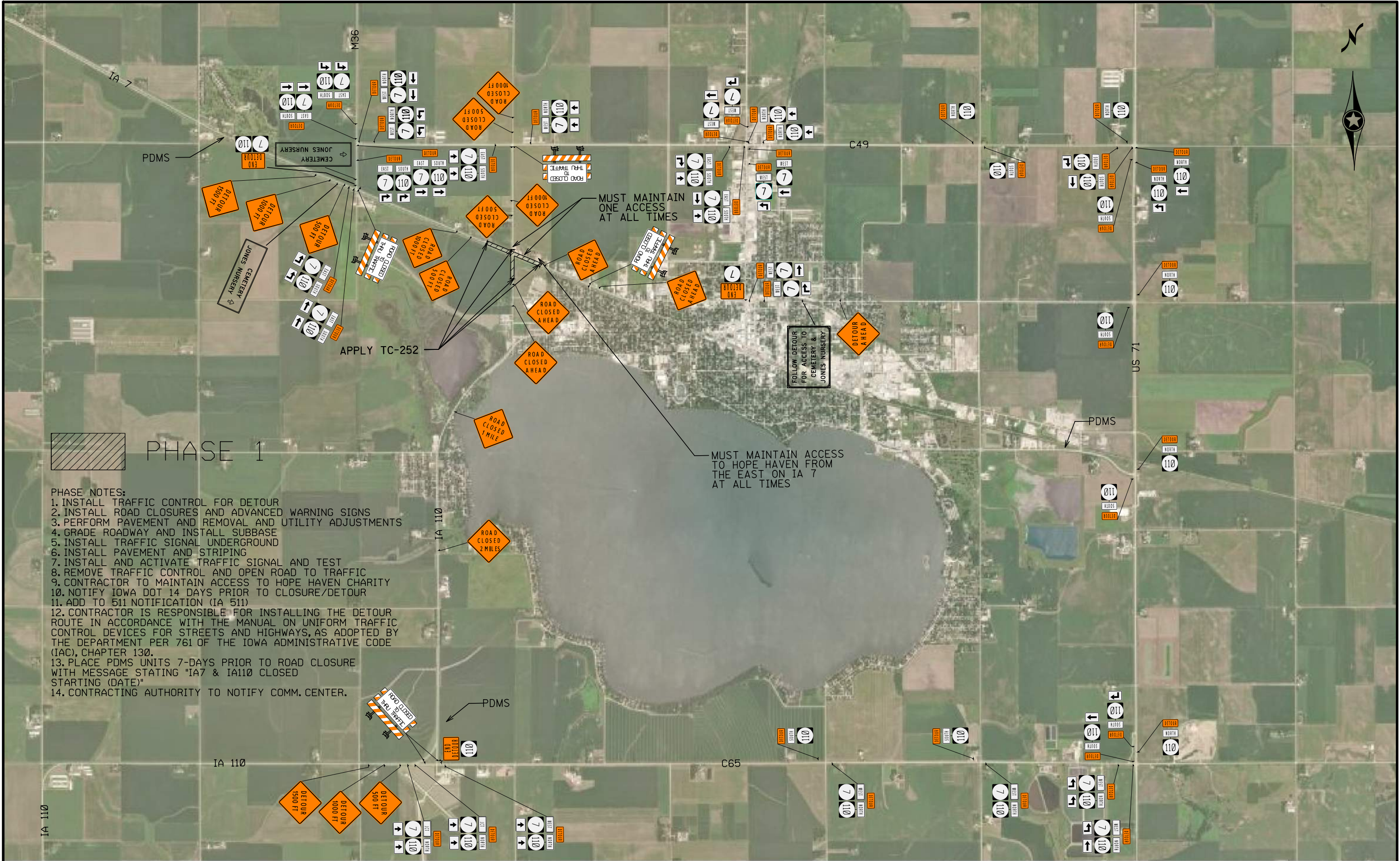
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- PHASE NOTES:
1. INSTALL TRAFFIC CONTROL FOR DETOUR
 2. INSTALL ROAD CLOSURES AND ADVANCED WARNING SIGNS
 3. PERFORM PAVEMENT AND REMOVAL AND UTILITY ADJUSTMENTS
 4. GRADE ROADWAY AND INSTALL SUBBASE
 5. INSTALL TRAFFIC SIGNAL UNDERGROUND
 6. INSTALL PAVEMENT AND STRIPING
 7. INSTALL AND ACTIVATE TRAFFIC SIGNAL AND TEST
 8. REMOVE TRAFFIC CONTROL AND OPEN ROAD TO TRAFFIC
 9. CONTRACTOR TO MAINTAIN ACCESS TO HOPE HAVEN CHARITY
 10. NOTIFY IOWA DOT 14 DAYS PRIOR TO CLOSURE/DETOUR
 11. ADD TO 511 NOTIFICATION (IA 511)
 12. CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE DETOUR ROUTE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130.
 13. PLACE PDMS UNITS 7-DAYS PRIOR TO ROAD CLOSURE WITH MESSAGE STATING "IA7 & IA110 CLOSED STARTING (DATE)"
 14. CONTRACTING AUTHORITY TO NOTIFY COMM. CENTER.

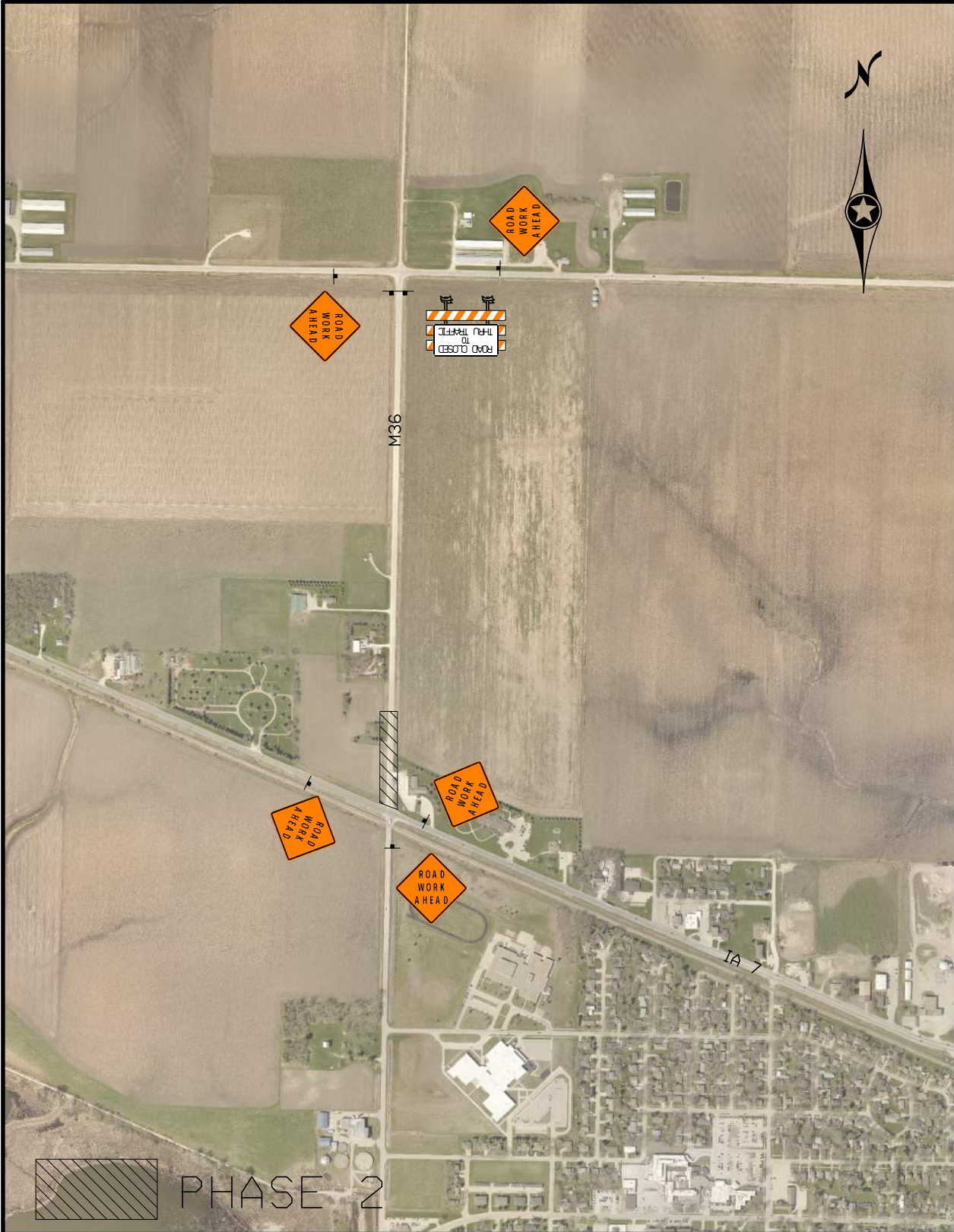


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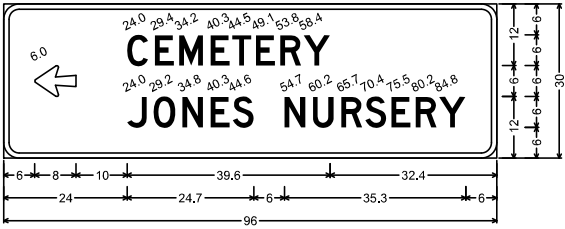
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IOWA DOT & CITY OF STORM LAKE
IA 7 AND IA 110 INTERSECTION
TEMPORARY TRAFFIC CONTROL

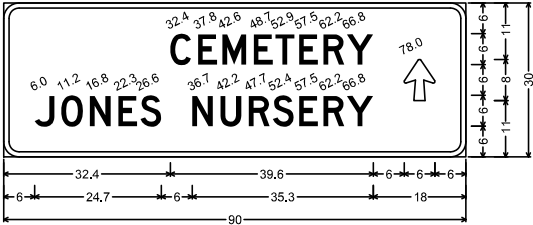
SHEET
J.01



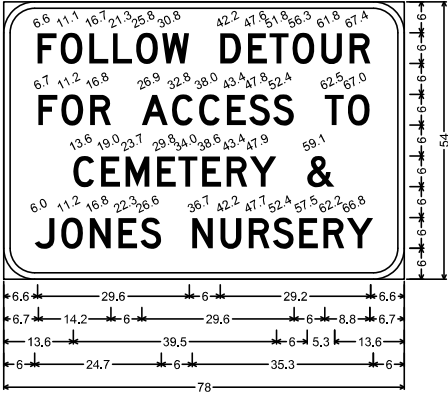
- PHASE NOTES:
1. INSTALL TRAFFIC CONTROL FOR THROUGH DETOUR
 2. INSTALL TC-252 ROAD CLOSURES AND ADVANCED WARNING SIGNS
 3. PERFORM PAVEMENT AND REMOVAL AND UTILITY ADJUSTMENTS
 4. GRADE ROADWAY AND INSTALL SUBBASE
 5. INSTALL PAVEMENT AND STRIPING
 6. REMOVE TRAFFIC CONTROL AND OPEN TO TRAFFIC



3.0" Radius, 1.0" Border, Black on Orange;
Arrow Custom - 8.0" 180"; "CEMETERY", D 2K; "JONES NURSERY", D 2K;



3.0" Radius, 1.0" Border, Black on Orange;
"CEMETERY", D 2K; "JONES NURSERY", D 2K;
Arrow Custom - 8.0" 90";



6.0" Radius, 1.3" Border, Black on Orange;
"FOLLOW DETOUR", D 2K; "FOR ACCESS TO", D 2K;
"CEMETERY &", D 2K; "JONES NURSERY", D 2K;

GENERAL STAGING NOTES:

1. ALL PROJECT TRAFFIC CONTROL SHALL BE INSTALLED ACCORDING TO THE CURRENT VERSION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAY, AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130. SUBMIT TRAFFIC CONTROL PLANS PRIOR TO COMMENCEMENT OF WORK.
2. THE ITEM "TRAFFIC CONTROL" COVERS ALL DEVICES SHOWN ON THE PLAN SHEET AND OTHER SETUPS REQUIRED BY THE CONTRACTORS OPERATIONS.
3. CHANGES TO THE TRAFFIC CONTROL AND STAGING PLAN SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION. (48 HOUR ADVANCED NOTICE IS REQUIRED; STREET CLOSURES MUST BE APPROVED BY CITY COUNCIL IF DIFFERENT THAN SHOWN.)

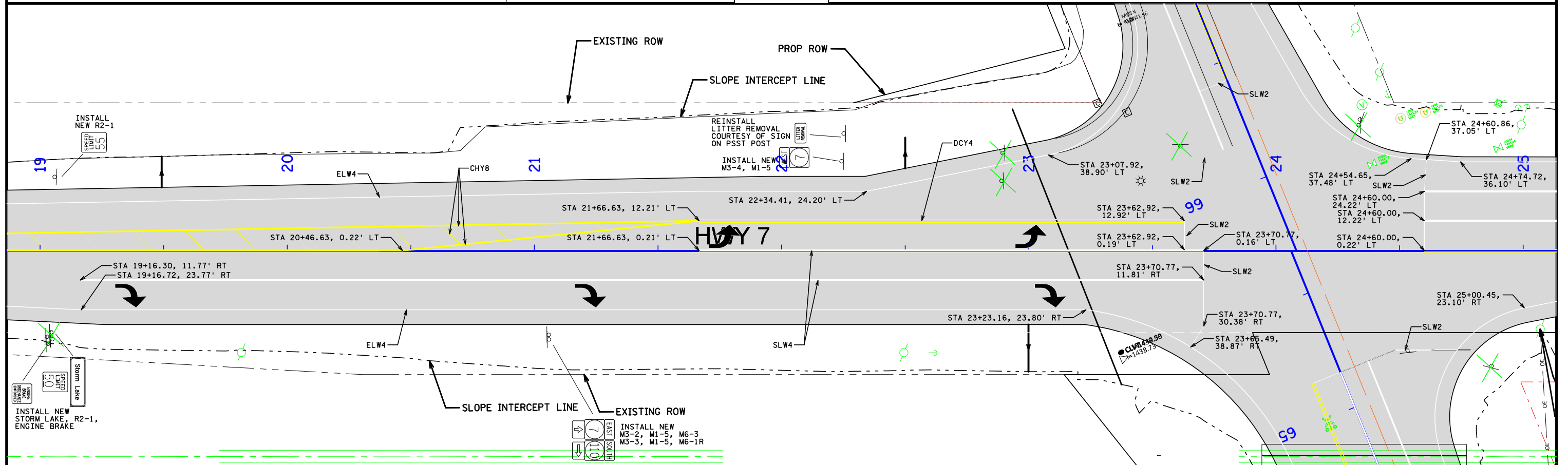
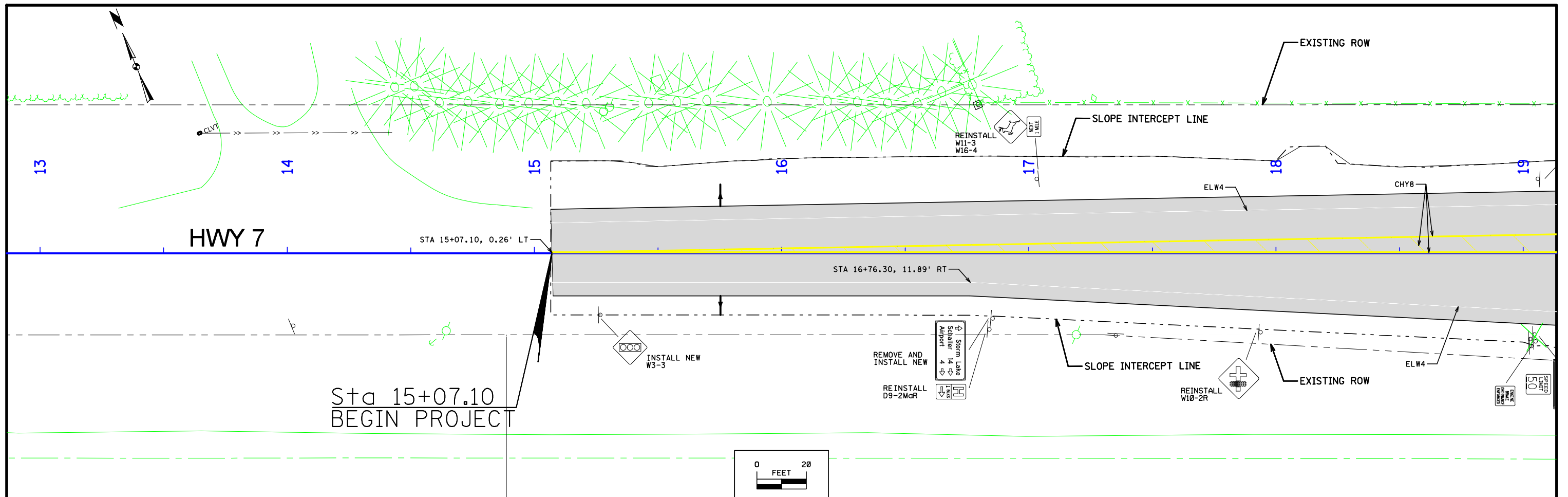
INCIDENTAL TO TRAFFIC CONTROL

1. TEMPORARY ACCESS TO BUSINESSES AND RESIDENTS AS NOTED IN THE STAGING PLANS.
2. SIGNAGE DIRECTING TRAFFIC TO OPEN BUSINESSES. INCLUDES MAIN SIGN STATING "BUSINESSES OPEN" WITH ADDITIONAL SIGNS STATING BUSINESS NAMES. SIGNS SHALL BE BLACK ON ORANGE AND WILL REQUIRE IOWA DOT APPROVAL.
3. SIGN MAINTENANCE AND REPAIR TO BE INCIDENTAL TO TRAFFIC CONTROL.

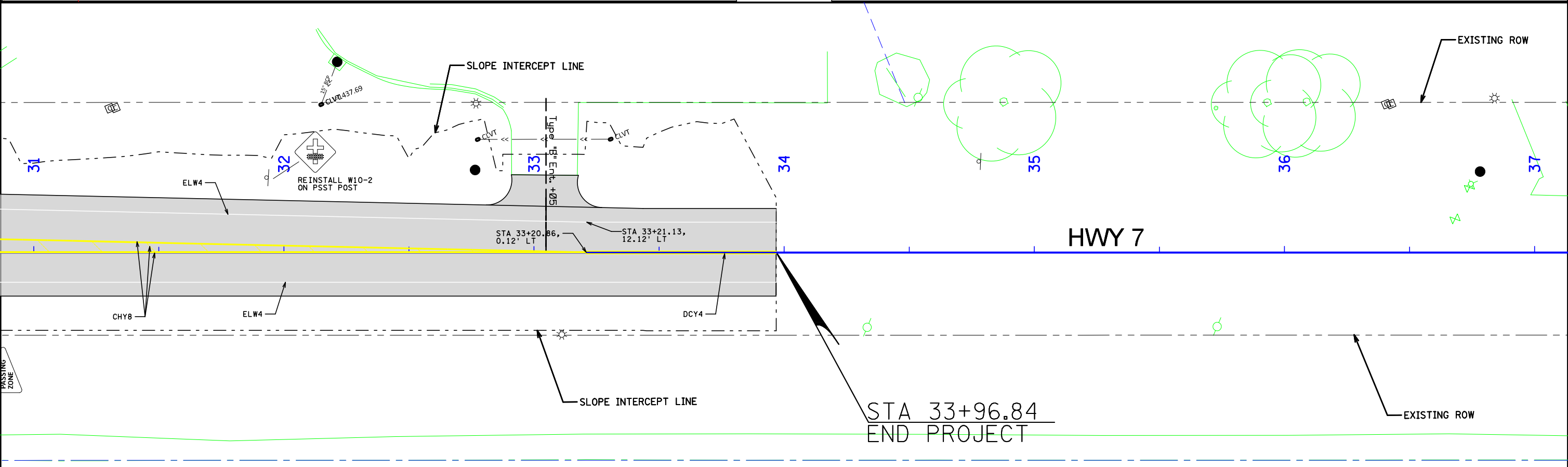
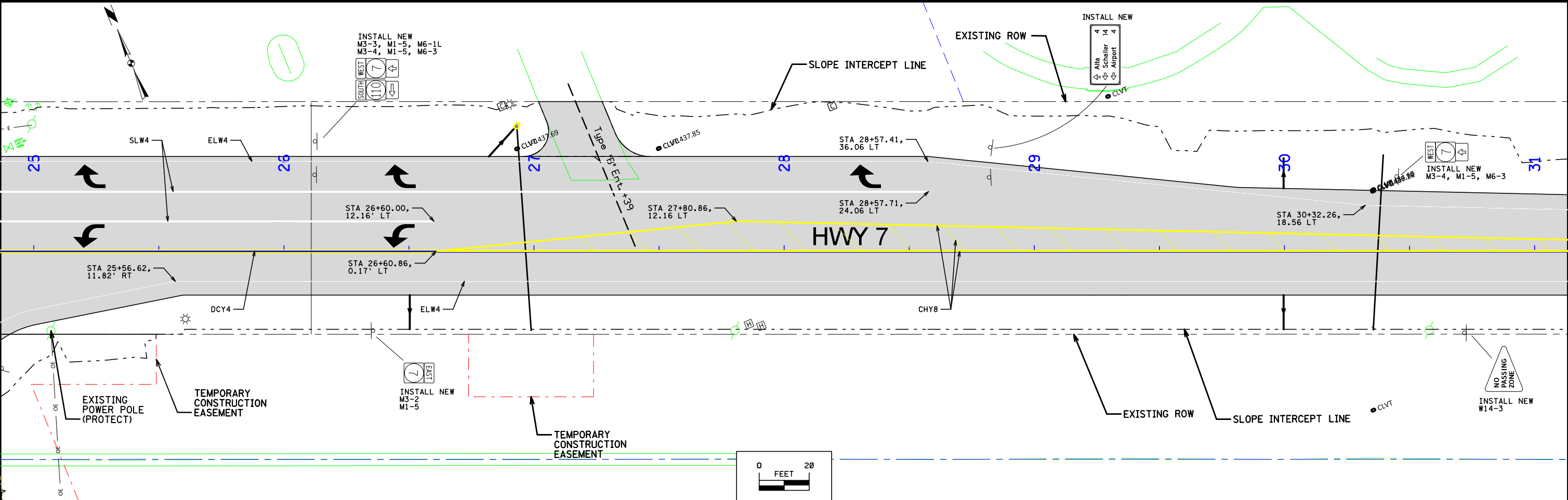
"W" Series		
Sign	Sign No.	Size (in.)
	W20-1	48x48
	W20-2	48x48
	W20-3	48x48

"R" Series		
Sign	Sign No.	Size (in.)
	R11-4	60x30

"M" Series		
Sign	Sign No.	Size (in.)
	M1-5	24x24
	M3-1	24x12
	M3-2	24x12
	M3-3	24x12
	M3-4	24x12
	M4-8	24x12
	M4-8a	24x18
	M5-1 (L)	21x15
	M5-1 (R)	21x15
	M6-1	21x15
	M6-2	21x15



BOLTON & MENK		218 11TH STREET SW PLAZA SPENCER, IA 51301 Phone: (712) 580-5075 Email: Spencer@bolton-menk.com www.bolton-menk.com		DESIGNED: JRH DRAWN: JRH CHECKED: JPS CLIENT PROJ. NO.:	REV. BY DATE 1. JRH 10/19/2021 2. JRH 10/19/2021 3. JRH 10/19/2021	IOWA DOT & CITY OF STORM LAKE IA 7 AND IA 110 INTERSECTION IA 7 SIGNING AND STRIPING	SHEET K.1
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PROJECT NUMBER: STPN-007-2(35)--2J-11

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CHECKED	JPS			
CLIENT PROJ. NO.				

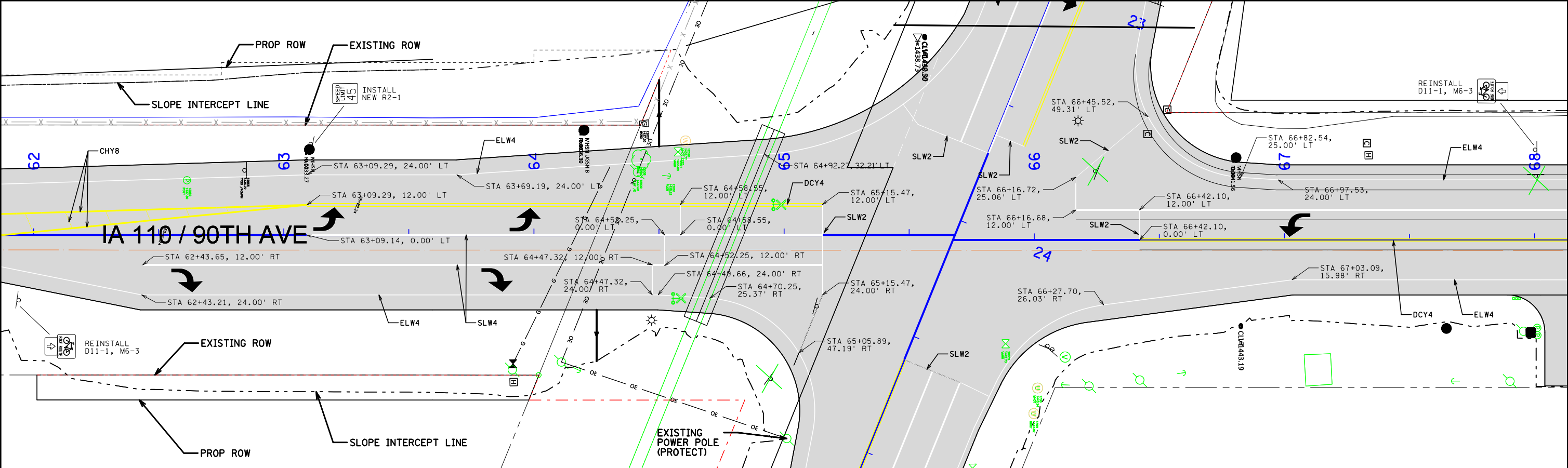
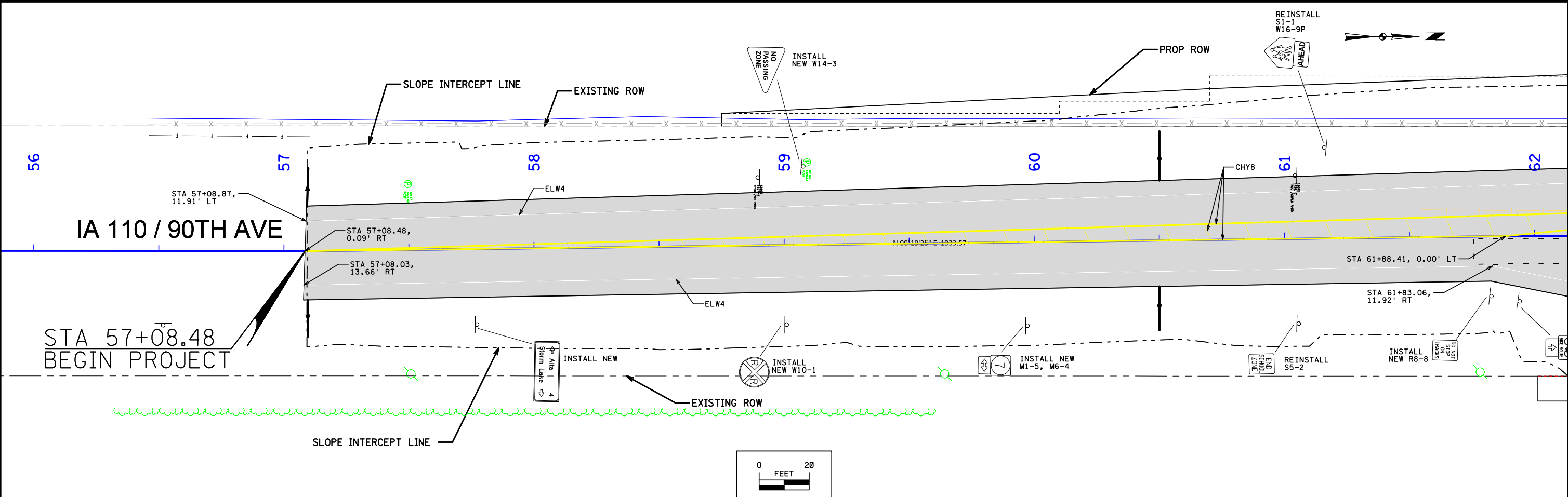
IOWA DOT & CITY OF STORM LAKE

IA 7 AND IA 110 INTERSECTION

IA 7 SIGNING AND STRIPING

SHEET

K.2



PROJECT NUMBER: STPN-007-2(35)--2J-11



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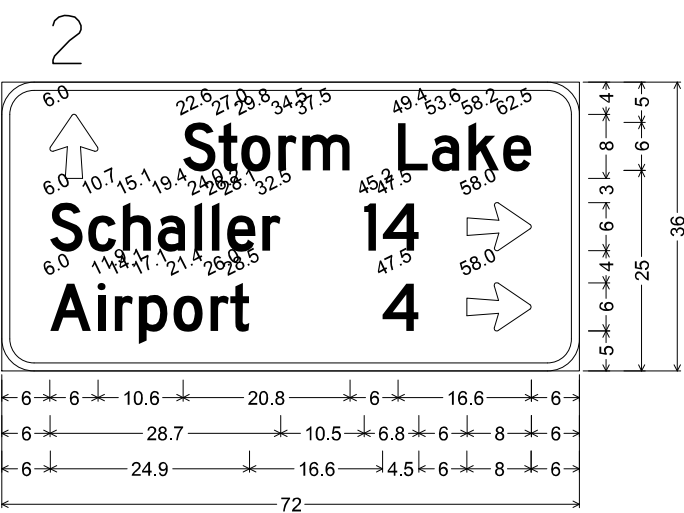
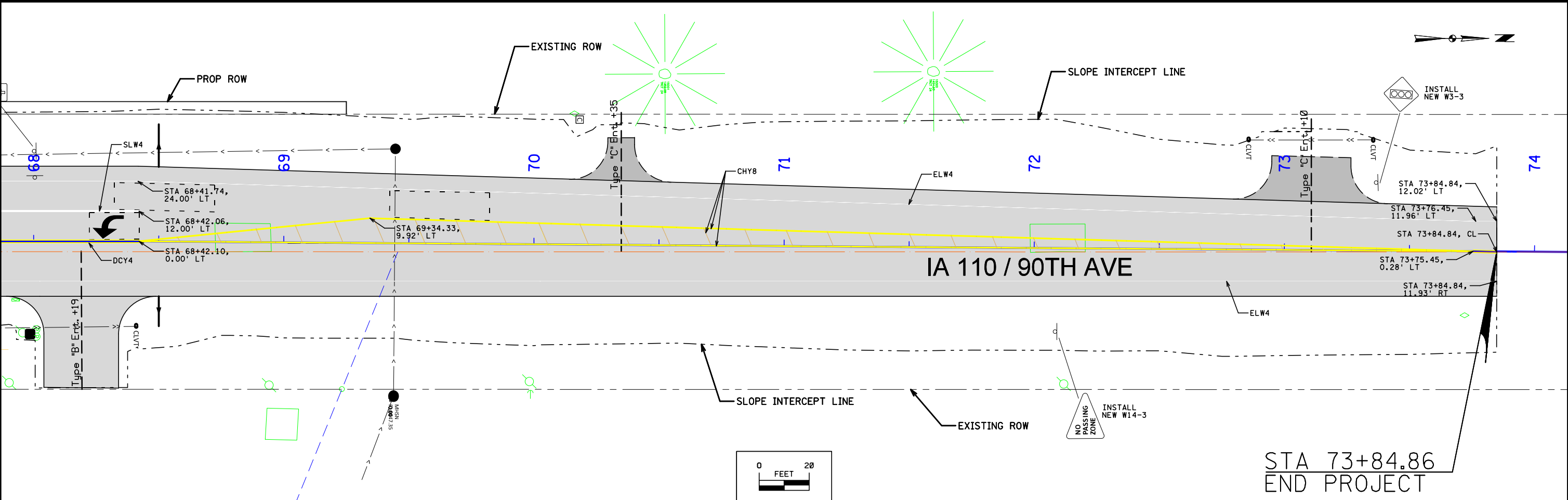
IOWA DOT & CITY OF STORM LAKE

IA 7 AND IA 110 INTERSECTION

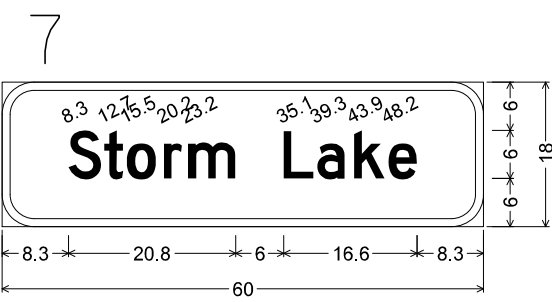
IA 110 SIGNING AND STRIPING

SHEET

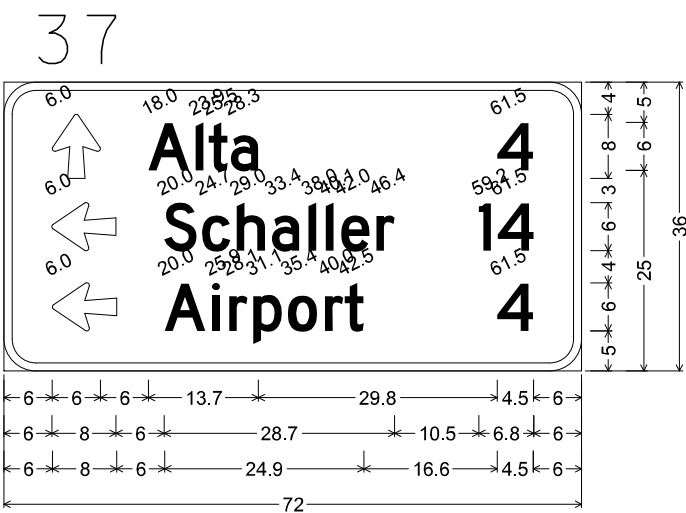
K.3



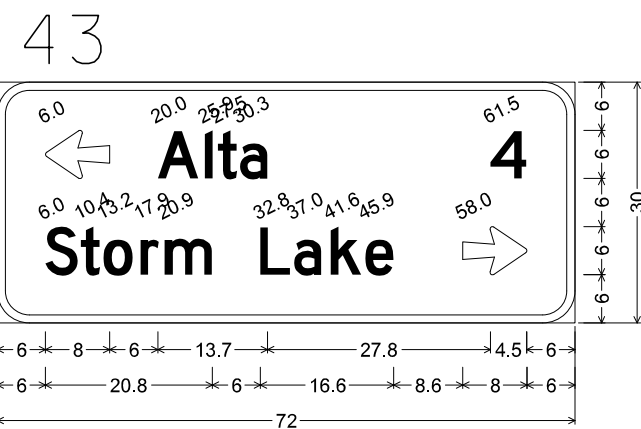
4.0" Radius, 1.0" Border, White on Green;
Arrow Custom - 8.0" 90°; "Storm Lake", D 2K;
"Schaller", D 2K; "14", D 2K; Arrow Custom - 8.0" 0°;
"Airport", D 2K; "4", D 2K; Arrow Custom - 8.0" 0°;



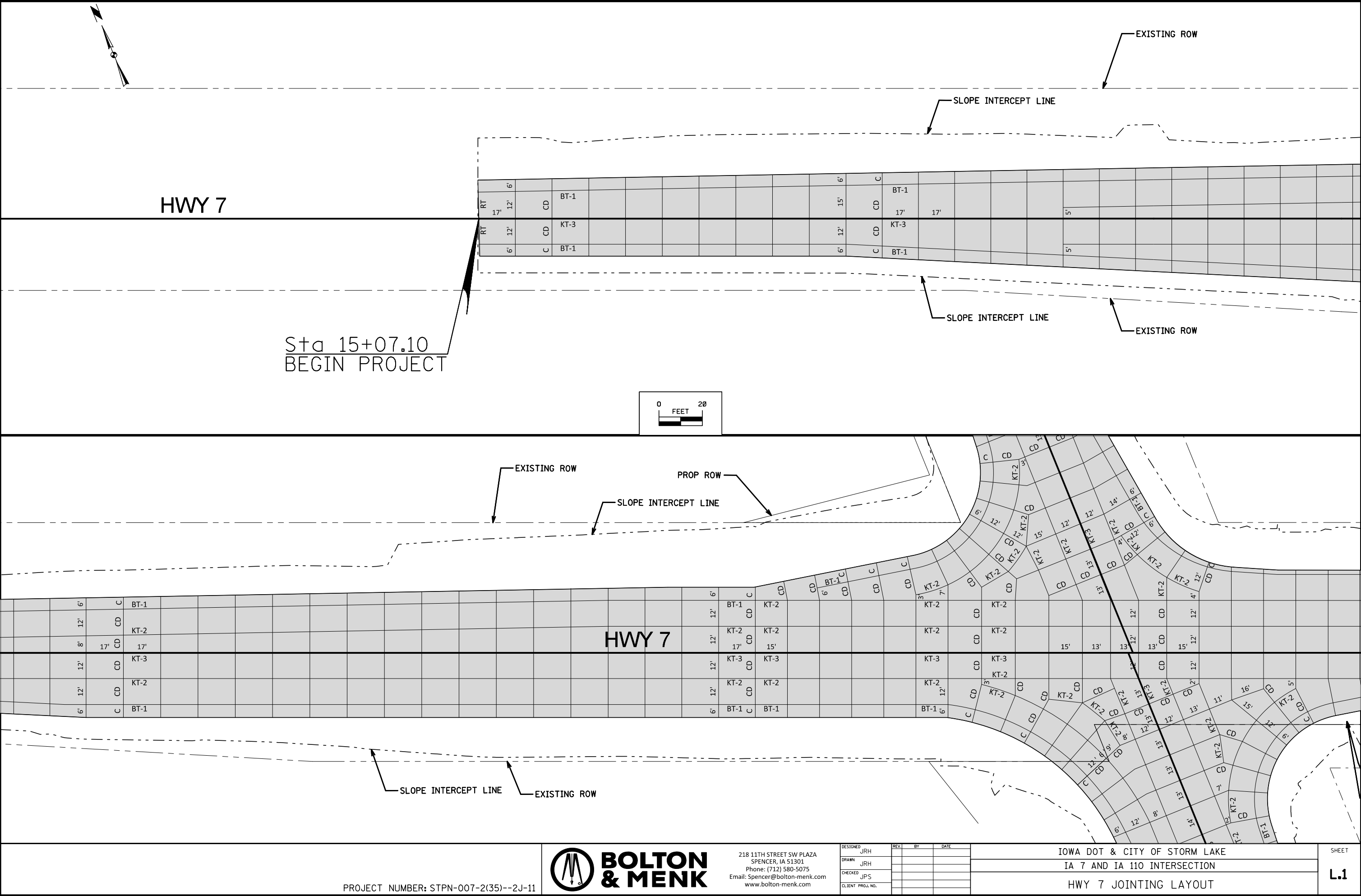
4.0" Radius, 1.0" Border, White on Green;
"Storm Lake", D 2K;

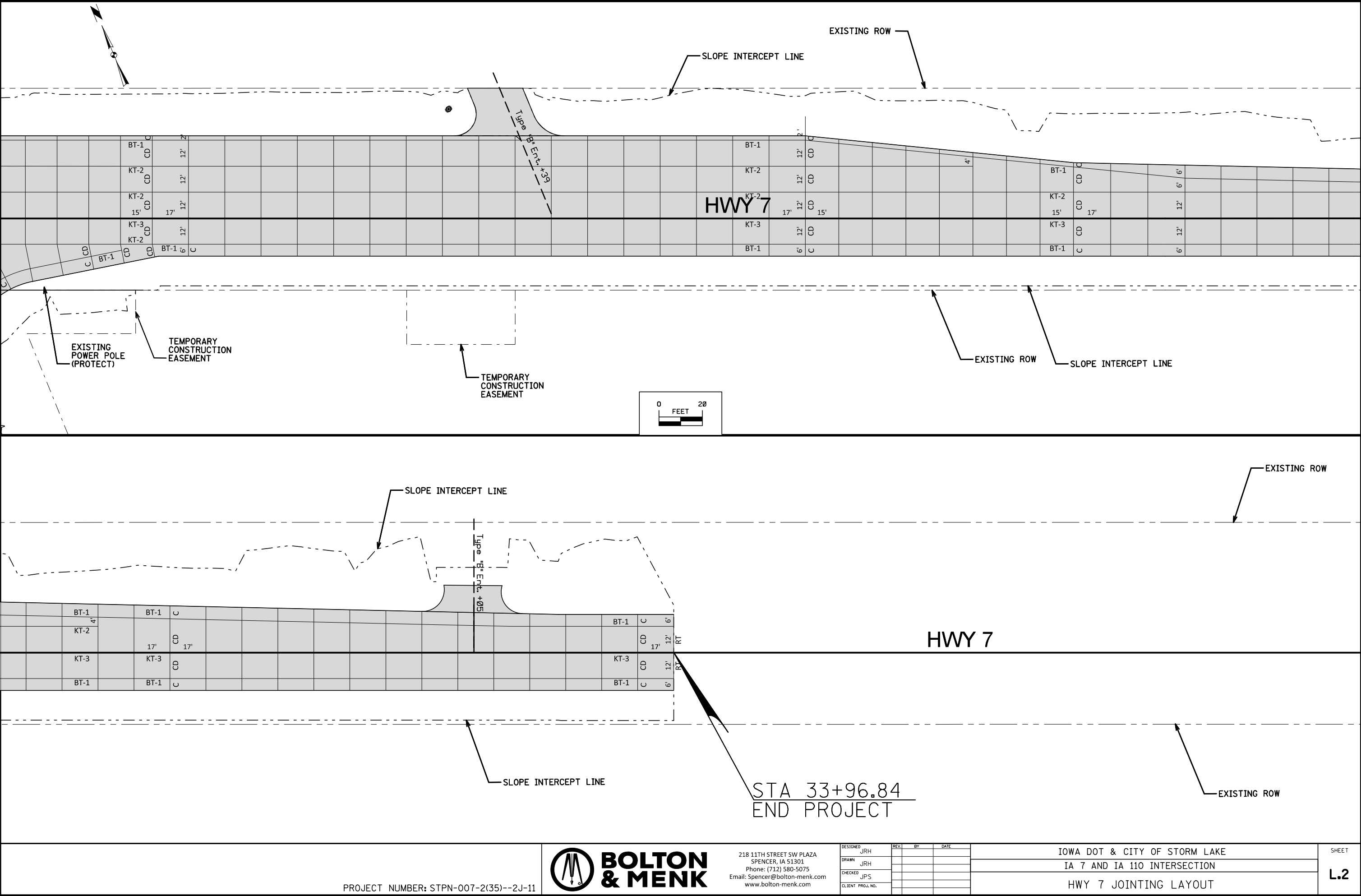


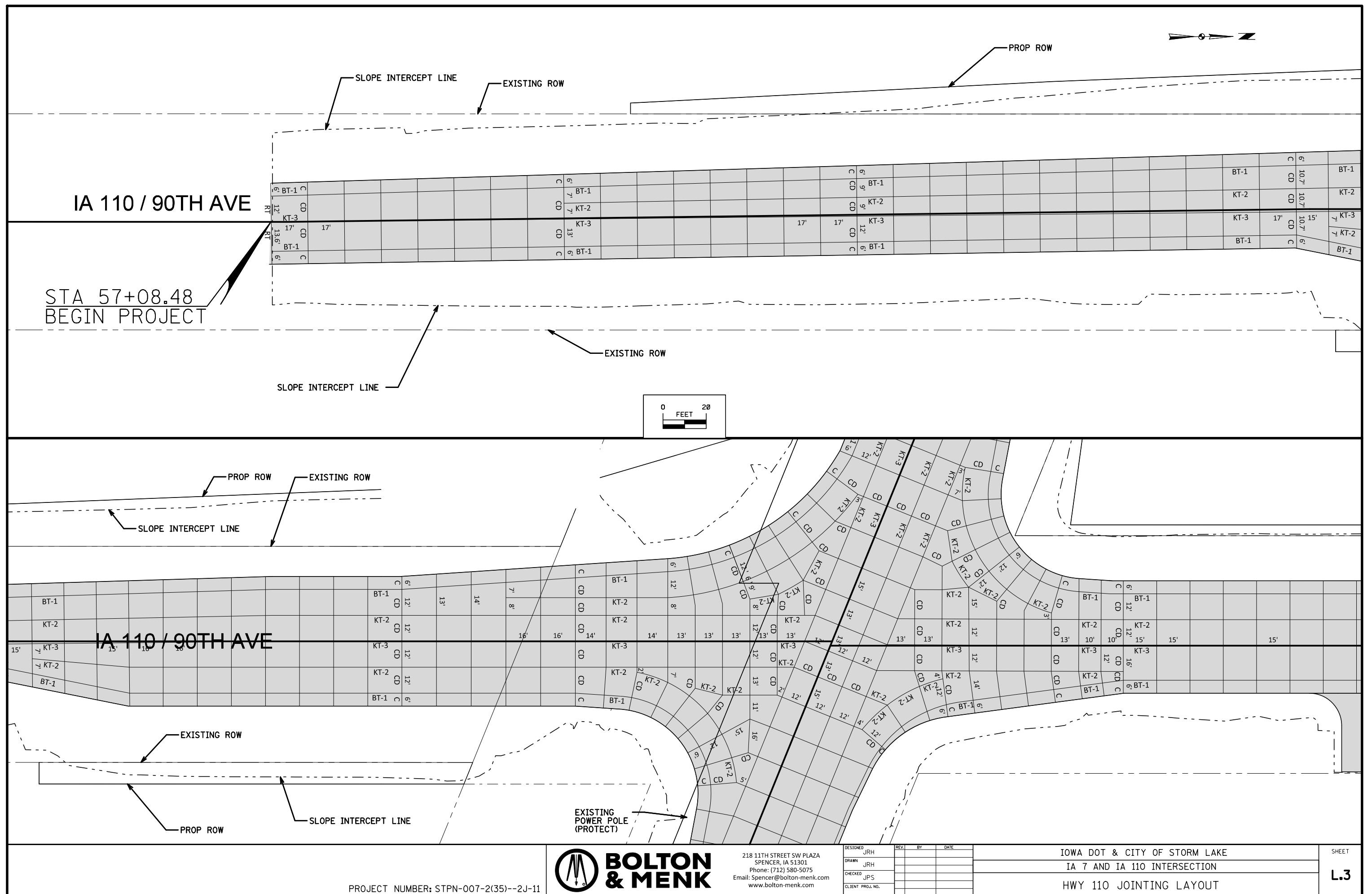
4.0" Radius, 1.0" Border, White on Green;
Arrow Custom - 8.0" 90°; "Alta", D 2K; "4", D 2K;
Arrow Custom - 8.0" 180°; "Schaller", D 2K; "14", D 2K;
Arrow Custom - 8.0" 180°; "Airport", D 2K; "4", D 2K;

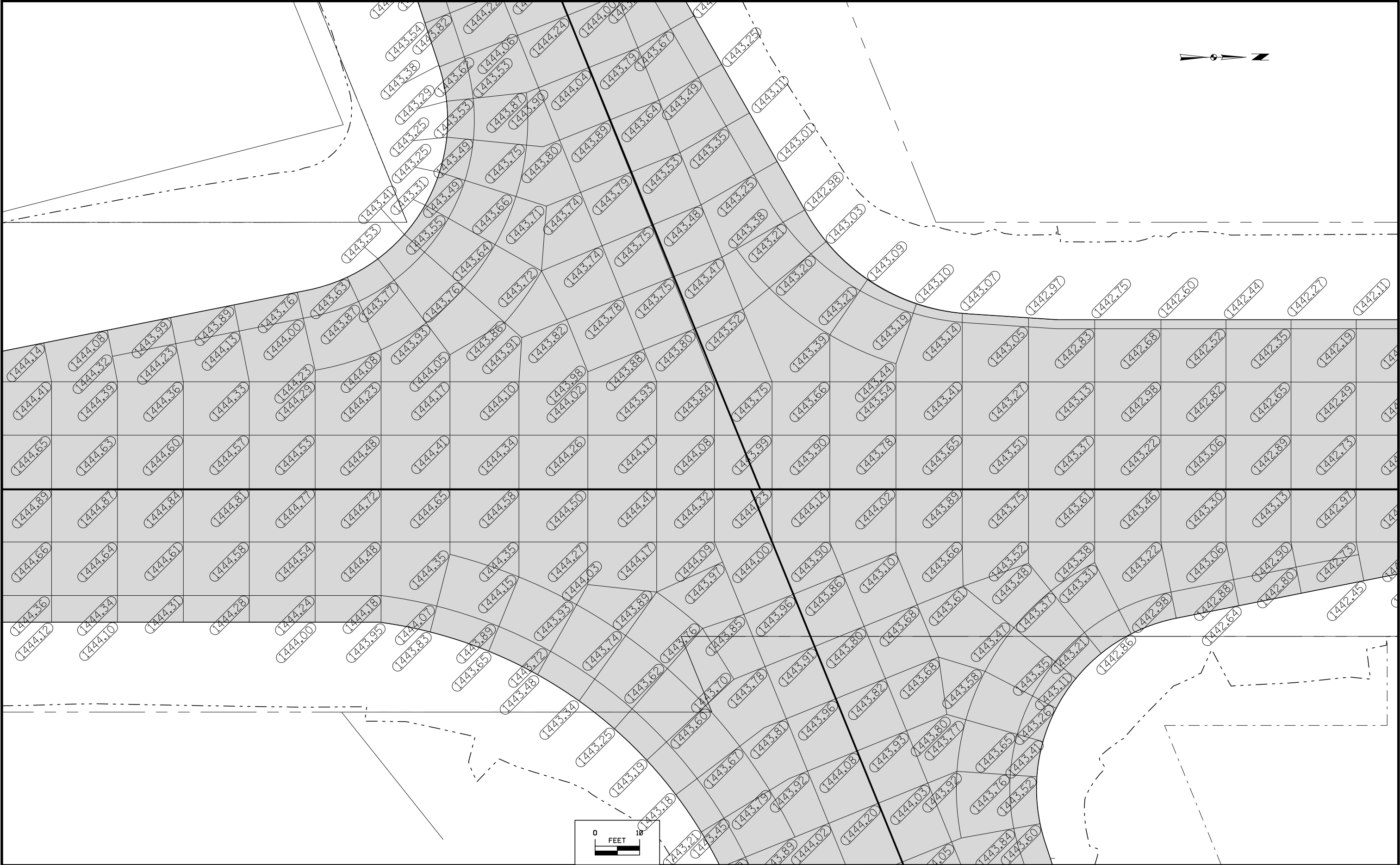


4.0" Radius, 1.0" Border, White on Green;
Arrow Custom - 8.0" 180°; "Alta", D 2K; "4", D 2K;
"Storm Lake", D 2K; Arrow Custom - 8.0" 0°;









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CHECKED	JPS			
CLIENT PROJ. NO.				

IOWA DOT & CITY OF STORM LAKE
IA 7 AND IA 110 INTERSECTION
HWY 7 JOINTING LAYOUT

SHEET

L.5

ESTIMATE OF TRAFFIC SIGNAL QUANTITIES			
ITEM	DESCRIPTION	UNITS	TOTAL
CABINET	8-PHASE CONTROLLER CABINET, 12" RISER, AND ACCESSORIES	LS	1
	EVP INTERFACE CARD AND RACK	LS	1
	UNINTERRUPTABLE POWER SUPPLY	LS	1
DETECTION	VIDEO DETECTION SYSTEM, 4 CAMERAS	LS	1
TRAFFIC SIGNAL HEADS	12" LED <R,<Y,<FY,<G MAST ARM MOUNT	EACH	4
	12" LED R,Y,G MAST ARM MOUNT	EACH	4
	12" LED R,Y,G,Y>,G> MAST ARM MOUNT	EACH	3
	12" LED R,Y,G,Y>,G> POLE MOUNT	EACH	3
	12" LED R,Y,G POLE MOUNT	EACH	1
POWER SUPPLY	POWER SUPPLY	EACH	1
HANDHOLES	TYPE I - PRE-CAST CONCRETE HANDHOLE	EACH	4
WIRE AND CABLE	SIGNAL CABLE - 7C #14 AWG	LIN FT	3520
	VIDEO DETECTION CABLES	LIN FT	872
	3PR	LIN FT	346
	6PR	LIN FT	346
	LUMINAIRE CABLE - 1C #8 AWG	LIN FT	628
	POWER - 1C #6	LIN FT	76
	GROUND - 1C #6 BARE	LIN FT	593
	TRACER - 1C #10	LIN FT	939
	PULL TAPE	LIN FT	593
CONDUIT	2" PVC, TRENCHED	LIN FT	52
	2" PVC, PUSHED	LIN FT	0
	3" PVC, TRENCHED	LIN FT	722
	3" PVC, PUSHED	LIN FT	0
CONCRETE FOOTINGS	CONTROLLER CABINET FOOTING	EACH	1
	SIGNAL POLE FOOTING 3'-0" DIA. X 16'-0"	EACH	3
	SIGNAL POLE FOOTING 3'-6" DIA. X 18'-0"	EACH	1
TRAFFIC SIGNAL POLES	STEEL COMBINATION SIGNAL/LIGHTING - 50' MAST ARM	EACH	3
	STEEL COMBINATION SIGNAL/LIGHTING - 70' MAST ARM	EACH	1
LUMINAIRE	LUMINAIRE, LED, TYPE II	EACH	2
MISC.	STREETNAME SIGNS	EACH	4
	WIND DAMPENING DEVICE	EACH	4
	TRAFFIC SIGN	EACH	7

ALL ITEMS LISTED IN THIS TABLE ARE INCLUDED IN THE LUMP SUM COST FOR SIGNAL INSTALLATION

SYMBOLS

		HANDHOLE
		HANDHOLE NO.
		CONTROLLER
		VEHICLE HEAD SYMBOL
		SIGNAL BASE NO.
		SIGNAL FACE NO./FLASHER FACE NO.
		PEDESTRIAN HEAD
		PUSH BUTTON STATION
		CONDUIT
		VIDEO DETECTOR
		EVP CONFIRMATORY LIGHT
		EVP DETECTOR
		SIGN

TRAFFIC SIGNAL GENERAL NOTES:

- ALL QUANTITIES SHOWN IN THE TRAFFIC SIGNAL PLANS ARE FOR INFORMATIONAL AND ESTIMATING PURPOSES ONLY. THE CONTRACTORS LUMP SUM BID SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONAL TRAFFIC SIGNAL INSTALLATION IN CONFORMANCE WITH THE PLANS AND SPECIFICATIONS.
- PROVIDE TRAFFIC CONTROL DEVICES (INCLUDING THOSE REQUIRED TO FACILITATE THE CONSTRUCTION OF TRAFFIC SIGNALS) IN ACCORDANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, AS ADOPTED BY THE DEPARTMENT PER 761 OF THE IOWA ADMINISTRATIVE CODE (IAC), CHAPTER 130.
- THE CONTRACTOR SHALL HAVE AN EMPLOYEE ON THE PROJECT SITE WITH A LEVEL II INTERNATIONAL MUNICIPAL SIGNAL ASSOCIATION (IMSA) TRAFFIC SIGNAL CERTIFICATION.
- THE CONTRACTOR SHALL FURNISH A SCHEDULE OF UNIT PRICES FOR ESTIMATED TRAFFIC SIGNAL QUANTITIES AT PROJECT PRE-CONSTRUCTION MEETING. PAYMENT WILL BE BASED ON PLAN QUANTITIES. QUANTITIES WILL NOT BE MEASURED IN THE FIELD.
- ROADWAY GEOMETRICS REPRESENT EXISTING AND PROPOSED FEATURES.
- THE PLAN LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL NOTIFY ALL COMPANIES PRIOR TO STARTING ANY EXCAVATION ON THE PROJECT TO ESTABLISH LOCATIONS. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL UNCOVER EXISTING UTILITIES AT CRITICAL LOCATIONS TO VERIFY EXACT HORIZONTAL AND VERTICAL LOCATIONS.
- SECONDARY SERVICE LOCATION IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING POWER SERVICE LOCATIONS WITH POWER SERVICE PROVIDER PRIOR TO CONDUIT/CIRCUIT INSTALLATION.
- THE PLAN LOCATIONS OF ALL HANDHOLES ARE APPROXIMATE ONLY AND ARE SUBJECT TO ADJUSTMENT IN THE FIELD BY THE ENGINEER. OBTAIN ENGINEER'S APPROVAL PRIOR TO PLACING HANDHOLES AND CONSTRUCTION FOOTINGS.
- PROVIDE STRUCTURAL CONCRETE TESTING (2-CYLINDERS, 7-DAY AND 28-DAY, FOR EACH BATCH) IN ACCORDANCE WITH ASTM C39 AS POURED FOR POLE FOOTINGS.
- PROVIDE TWO WEEK NOTICE TO THE CITY OF STORM LAKE BEFORE PLACING THE PERMANENT TRAFFIC SIGNALS INTO OPERATION. PROVIDE PORTABLE DYNAMIC MESSAGE SIGN ON EACH APPROACH TO THE INTERSECTION ONE WEEK PRIOR TO ACTIVATION PER IOWA DOT RECOMMENDATIONS FOR TRAFFIC SIGNAL TURN-ON.
- INSTALL ONE SIGNAL CABLE FROM EACH SIGNAL HEAD TO THE BASE OF THE POLE. A 7-CONDUCTOR CABLE SHALL BE USED IN POLES FOR EACH VEHICLE SIGNAL HEAD, AND A 5-CONDUCTOR CABLE SHALL BE USED IN POLES FOR EACH PEDESTRIAN SIGNAL HEAD. ALL SIGNAL CABLE SHALL BE #14 AWG UNLESS OTHERWISE NOTED ON THE PLANS.
- INSTALL A GROUND ROD IN EACH PROPOSED HANDHOLE WITH THE TRAFFIC SIGNAL CIRCUITS AND GROUND WIRE. INSTALL A #6 AWG BARE COPPER GROUND WIRE BETWEEN THE SIGNAL FOOTING AND HANDHOLE GROUND RODS TO FORM A CONTINUOUSLY GROUNDED SYSTEM. TERMINATE THE GROUNDING CIRCUIT AT THE HANDHOLE NEAREST THE CONTROLLER CABINET. GROUND THE CONTROLLER CABINET SEPARATELY WITH AN ADDITIONAL GROUND ROD IN THE NEAREST HANDHOLE TO THE CONTROLLER CABINET AND A ROD ADJACENT TO THE CABINET FOOTING.
- DETECTION, TMC, AND EVP CABLES SHALL BE PER SUPPLIER SPECIFICATIONS. NO SPLICES ALLOWED IN THE DETECTION, TMC, OR EVP CABLES.
- ABOVE GROUND RISERS SHALL BE RIGID STEEL CONDUIT. ALL OTHER CONDUIT SHALL BE RIGID PVC SCHEDULE 40 CONDUIT OR DIRECTIONAL BORED HDPE SDR 13.5 CONDUIT.
- THE CONTRACTOR HAS THE OPTION TO BORE OR TRENCH CONDUIT, HOWEVER, CONDUIT SHALL BE BORED UNDER UNDISTURBED PAVEMENT. INSTALL ONE (1) PULL TAPE AND ONE (1) TRACER WIRE IN EACH CONDUIT.
- UNLESS OTHERWISE DIRECTED, TRAFFIC SIGNAL HEADS ON MAST ARMS ARE TO BE ALIGNED OVER THE CENTER OF INTERSECTION APPROACH LANES. APPROXIMATE LOCATIONS ARE AS SHOWN IN THE TRAFFIC SIGNAL POLE DATA TABLE. CONTRACTOR SHALL FIELD VERIFY SIGNAL HEAD LOCATIONS.
- TRAFFIC SIGNAL MOUNTING BRACKETS SHALL UTILIZE STAINLESS STEEL BANDING FOR SIDE OF POLE MOUNTING AND GALVANIZED STEEL CABLE FOR MAST ARM MOUNTING.
- MAST ARMS AND POLES SHALL BE DESIGNED TO SUPPORT TRAFFIC SIGNALS, SIGNS, AND EQUIPMENT SHOWN IN THE PLANS.
- SIGNAL HEADS SHALL HAVE BLACK FACES, VISORS, BODIES, AND BACKPLATES (WHERE INDICATED). VISORS SHALL BE CAP STYLE.
- STREET NAME SIGNS SHALL HAVE HIGHWAY SERIES C 12" FONT AND 24" BLADE HEIGHT
- INSTALL WIND DAMPENING DEVICE (18" X48") ON ALL MAST ARMS.
- INSTALL RODENT GUARD (NOT GROUT) BETWEEN MAST ARM POLE BASES AND TOP OF POLE FOUNDATIONS.
- CONTROLLER CABINET SHALL INCLUDE 12" RISER WITH BATTERY SHELF AND UNINTERRUPTIBLE POWER SUPPLY (UPS) SYSTEM FOR SIGNAL OPERATION, PER SUPPLIER SPECIFICATIONS.
- LUMINARIES SHALL BE LED 150W, 4000 K COLOR TEMPERATURE, TYPE 2 DISTRIBUTION, GRAY FINISH WITH PHOTOCCELL CONTROL.
- INSTALL TWO (2) 1-CONDUCTOR #10 CABLES FROM THE LUMINAIRE HEAD TO THE BASE OF THE POLE. FURNISH AND INSTALL FUSED CONNECTORS AT THE POLE BASE. FURNISH AND INSTALL UN-FUSED Y CONNECTORS IN THE ADJACENT HANDHOLE WHERE APPLICABLE.
- ELECTRICAL SERVICE SHALL BE 120V SINGLE-PHASE. SIGNALS AND LIGHTING SHALL BE METERED. LIGHTING SHALL BE ON A SEPARATE 20 AMPERE BREAKER. CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT REQUIRED FOR ELECTRICAL SERVICE. SIGNAL CABINET ADDRESS SHALL BE COORDINATED WITH THE CITY OF STORM LAKE.
- VEHICLE DETECTION WILL BE VIDEO BASED CAPABLE OF PROVIDING RELIABLE STOPLINE AND ADVANCE DETECTION AS LOCATED IN THE PLANS, WITH NO MORE THAN ONE DETECTION UNIT PER APPROACH. THE SYSTEM WILL SUPPORT DETECTOR INPUT ASSIGNMENT AS LISTED IN THE PLANS AND WILL PROVIDE REMOTE VIEWING AND PROGRAMMING OVER ETHERNET WITHOUT JAVA TOOLS. FULL COLOR LIVE QUAD VIEW IS PREFERRED. PROPOSED PRODUCTS WILL BE REVIEWED BY THE CITY FOR PERFORMANCE ACCEPTABILITY AS WELL AS INSTALLATION AND MAINTENANCE REQUIREMENTS.
- CONTROLLER TO COORDINATE WITH RAILROAD SIGNAL FOR PREEMPTION TO THE RAILROAD LINE.



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DESIGNED	RJH	REV.	BY	DATE
DRAWN	MLW			
CHECKED	RJH			
CLIENT PROJ. NO.	P11.120411			

IOWA DOT & CITY OF STORM LAKE

IA 7 & IA 110 INTERSECTION

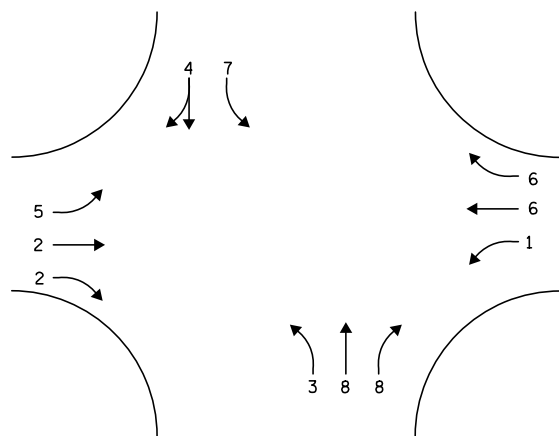
TRAFFIC SIGNAL PLAN

SHEET

N.1

21	11	22	23
41 42	31	62	63
61	51	82	83
81	71		

CONTROLLER PHASING



PROJECT NUMBER: STPN-007-2(35)--2J-11

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IOWA DOT & CITY OF STORM LAKE
HWY 7 AND HWY 110 INTERSECTION

TRAFFIC SIGNAL PLAN

EET

N.2



2" CONDUIT
4-7c #14
1-VID
2-LUM
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

3" CONDUIT
4-7c #14
1-VID
2-LUM
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

2" CONDUIT
2-1c #6 PWR
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

3" CONDUIT
1-3PR
1-6PR
2-1c #10 TRACER

2-3" CONDUIT
15-7c #14
4-VID
2-LUM
2-1c #10 TRACER
2-1c #6 GND
2 PULL TAPE

3" CONDUIT
1-3PR
1-6PR
2-1c #10 TRACER

3" CONDUIT
7-7c #14
2-VID
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

2" CONDUIT
4-7c #14
1-VID
2-LUM
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

2" CONDUIT
3-7c #14
1-VID
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

3" CONDUIT
3-7c #14
1-VID
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

2" CONDUIT
4-7c #14
1-VID
1-1c #10 TRACER
1-1c #6 GND
1 PULL TAPE

3" CONDUIT (TO RAILROAD CABINET)
1-3PR
1-6PR
2-1c #10 TRACER



PROJECT NUMBER: STPN-007-2(35)--2J-11



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CHECKED	RJH			
CLIENT PROJ. NO.	P11120411			

IOWA DOT & CITY OF STORM LAKE
HWY 7 AND HWY 110 INTERSECTION
TRAFFIC SIGNAL PLAN

SHEET
N.4

Station	Cut			Fill				Checks (EW-102)		Topsoil													
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]	[21]	[22]	
	Total Cut Unadjusted Volume	Total Class 13 Unadjusted Volume	Total Cut Adjusted	Total Fill Unadjusted Volume	Total Fill Adjusted	Total Fill Adjusted w/ Weighted Average 1.3 Shrink Factor	Total Cut Adjusted Minus Fill w/ Shrink																
IA7	0	0	0	0	0	0	0																
15+25.00	70	70	70	5	5	7	63																
15+50.00	70	70	70	5	5	7	63																
15+75.00	71	71	71	6	6	8	63																
16+00.00	73	73	73	6	6	8	65																
16+25.00	74	74	74	5	5	7	67																
16+50.00	76	76	76	5	5	7	68																
16+75.00	78	78	78	5	5	7	72																
17+00.00	81	81	81	5	5	6	75																
17+25.00	83	83	83	5	5	6	77																
17+50.00	84	84	84	5	5	6	78																
17+75.00	84	84	84	6	6	8	76																
18+00.00	83	83	83	7	7	9	74																
18+25.00	84	84	84	5	5	6	77																
18+50.00	84	84	84	4	4	5	79																
18+75.00	84	84	84	6	6	8	76																
19+00.00	86	86	86	10	10	12	73																
19+25.00	87	87	87	12	12	16	72																
19+50.00	88	88	88	13	13	17	71																
19+75.00	87	87	87	15	15	19	68																
20+00.00	86	86	86	17	17	22	64																
20+25.00	85	85	85	19	19	25	61																
20+50.00	85	85	85	26	26	34	51																
20+75.00	84	84	84	35	35	46	39																
21+00.00	84	84	84	38	38	50	34																
21+25.00	84	84	84	40	40	52	31																
21+50.00	84	84	84	42	42	54	29																
21+75.00	84	84	84	43	43	56	28																
22+00.00	84	84	84	46	46	60	24																
22+25.00	84	84	84	47	47	61	23																
22+50.00	87	87	87	47	47	61	26																
22+75.00	99	99	99	43	43	56	43																
23+00.00	124	124	124	46	46	59	65																
23+25.00	156	156	156	51	51	66	90																
23+50.00	181	181	181	51	51	66	115																
23+75.00	95	95	95	24	24	31	64																
24+00.00	94	94	94	100	100	130	-36																
24+25.00	94	94	94	100	100	130	-36																
24+50.00	132	132	132	0	0	0	132																
24+75.00	187	187	187	0	0	0	187																
25+00.00	29	29	29	0	0	0	29																
25+06.88	71	71	71	8	8	11	61																
25+25.00	97	97	97	20	20	26	71																
25+50.00	93	93	93	15	15	19	74																
25+75.00	86	86	86	9	9	12	74																
26+00.00	81	81	81	11	11	14	67																
26+25.00	82	82	82	13	13	16	65																
26+50.00	86	86	86	13	13	17	68																
26+75.00	90	90	90	17	17	22	68																
27+00.00	77	77	77	9	9	12	65																
27+20.00	19	19	19	0	0	0	19																
27+25.00	92	92	92	6	6	8	83																
27+50.00	80	80	80	14	14	18	62																
27+75.00	72	72	72	20	20	26	46																
28+00.00	69	69	69	22	22	29	41																
28+25.00	69	69	69	24	24	31	38																
28+50.00	69	69	69	28	28	37	32																
28+75.00	66	66	66	29	29	38	27																
29+00.00	65	65	65	29	29	37	28																
29+25.00	66	66	66	28	28	36	30																
29+50.00	67	67	67	26	26	34	33																
29+75.00	68	68	68	26	26	33	34																
30+00.00	67	67	67	33	33	42	25																
30+25.00	70	70	70	37	37	49	21																
30+50.00	76	76	76	28	28	37	39																
30+75.00	75	75	75	17	17	22	53																
31+00.00	72	72	72	16	16	20	52																
31+25.00	73	73	73	17	17	23	51																
31+50.00																							
Subtotals:	5647	5647	5647	1462	1462	1901	3746																



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DRAWN	JRH			
CHECKED	JPS			
CLIENT PROJ. NO.				

IOWA DOT & CITY OF STORM LAKE

IA 7 & IA 110 INTERSECTION

EARTHWORK TABULATION

Refer to Standard Road Plans EW-101 and EW-102.

TABULATION OF TEMPLATE QUANTITIES AND ADJUSTMENTS

107-28
4-21-15

[illegible]

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IOWA DOT & CITY OF STORM LAKE IA 7 & IA 110 INTERSECTION

EARTHWORK TABULATION

EET

2

PROJECT NUMBER: STPN-007-2(35)--2J-11

Refer to Standard Road Plans EW-101 and EW-102.

TABULATION OF TEMPLATE QUANTITIES AND ADJUSTMENTS

107-28
4-21-15

Station	Cut			Fill				Checks (EW-102)		Topsoil													
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]	[16]	[17]	[18]	[19]	[20]	[21]	[22]	
	Total Cut Unadjusted Volume	Total Class 13 Unadjusted Volume	Total Cut Adjusted	Total Fill Unadjusted Volume	Total Fill Adjusted	Total Fill Adjusted w/ Weighted Average 1.3 Shrink Factor	Total Cut Adjusted Minus Fill w/ Shrink																
IA110	0	0	0	0	0	0	0																
57+09.85	18	18	18	10	10	13	5																
57+25.00	30	30	30	23	23	30	1																
57+50.00	30	30	30	22	22	29	2																
57+75.00	31	31	31	18	18	24	7																
58+00.00	32	32	32	16	16	21	11																
58+25.00	33	33	33	17	17	22	11																
58+50.00	34	34	34	22	22	29	4																
58+75.00	32	32	32	32	32	42	-9																
59+00.00	31	31	31	38	38	50	-19																
59+25.00	31	31	31	38	38	50	-19																
59+50.00	31	31	31	38	38	50	-19																
59+75.00	31	31	31	42	42	55	-24																
60+00.00	31	31	31	47	47	60	-30																
60+25.00	31	31	31	53	53	68	-37																
60+50.00	32	32	32	62	62	80	-48																
60+75.00	33	33	33	72	72	93	-61																
61+00.00	34	34	34	83	83	108	-74																
61+25.00	34	34	34	94	94	122	-89																
61+50.00	32	32	32	104	104	135	-104																
61+75.00	30	30	30	113	113	147	-116																
62+00.00	30	30	30	125	125	162	-132																
62+25.00	31	31	31	142	142	185	-154																
62+50.00	32	32	32	158	158	206	-174																
62+75.00	33	33	33	169	169	220	-187																
63+00.00	33	33	33	179	179	232	-200																
63+25.00	32	32	32	184	184	239	-207																
63+50.00	32	32	32	177	177	231	-198																
63+75.00	32	32	32	174	174	226	-194																
64+00.00	49	49	49	11	11	14	36																
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67+75.00	45	45	45	17	17	22	23																
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68+50.00	48	48	48	21	21	28	20																
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69+25.00	38	38	38	22	22	29	9																
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70+00.00	39	39	39	13	13	17	22																
70+25.00	16	16	16	0	0	0	16																
70+34.86	24	24	24	0	0	0	24																
70+50.00	39	39	39	3	3	4	35																
70+75.00	35	35	35	16	16	21	14																
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72+00.00	32	32	32	31	31	41	-9																
72+25.00	33	33	33	23	23	31	3																
72+50.00	35	35	35	18	18	23	12																
72+75.00	36	36	36	10	10	13	22																
73+00.00	15	15	15	0	0	0	15																
73+10.75	20	20	20	0	0	0	19																
73+25.00	37	37	37	5	5	7	30																
73+50.00	39	39	39	7	7	10	29																
73+75.00	8	8	8	0	0	0	8																
IA110 Totals:	1892	1892	1892	2693	2693	3501	-1609																
Project Totals	8325	8325	8325	4291	4291	5578	2747																



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IOWA DOT & CITY OF STORM LAKE IA 7 & IA 110 INTERSECTION

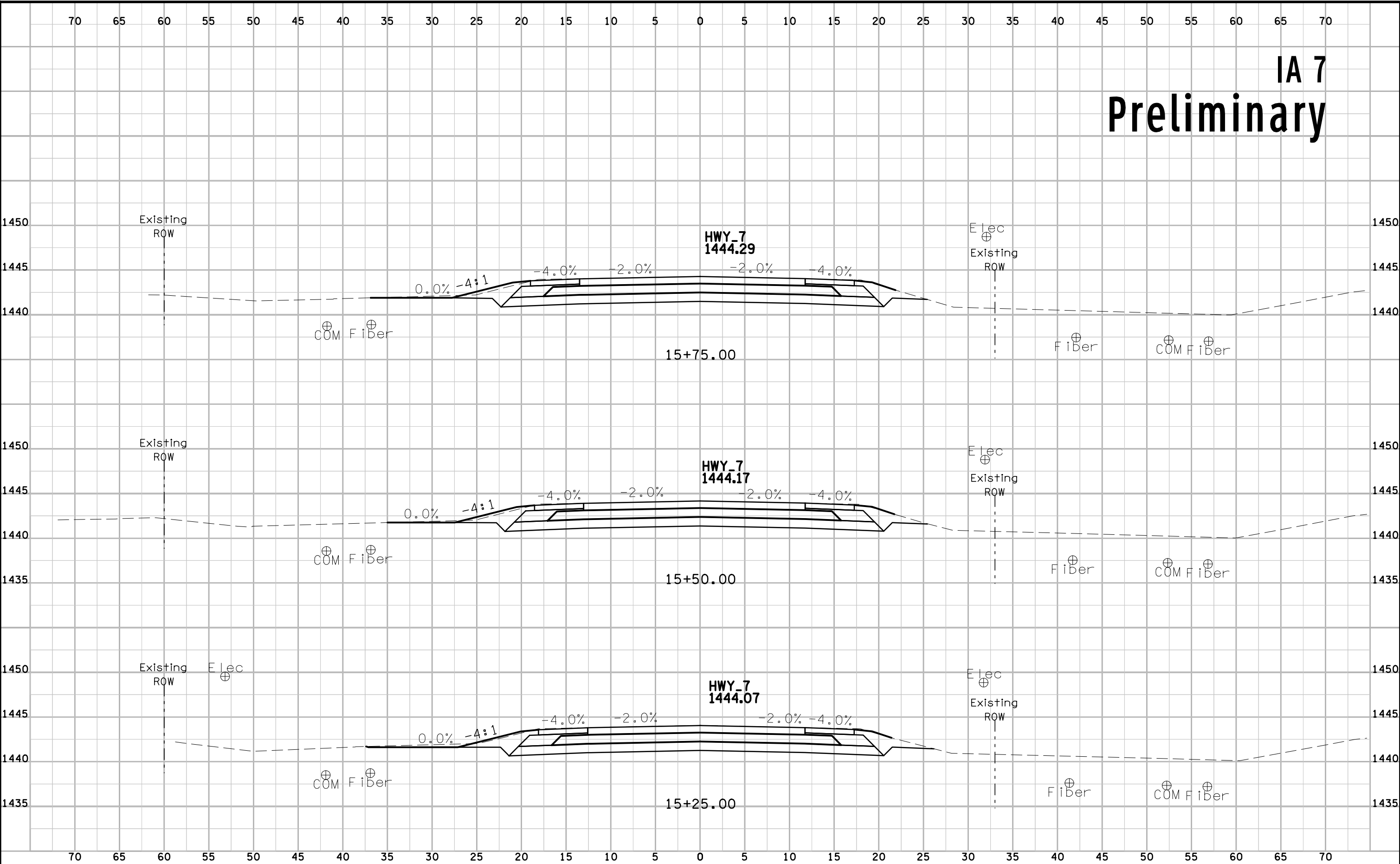
EARTHWORK TABULATION

EET

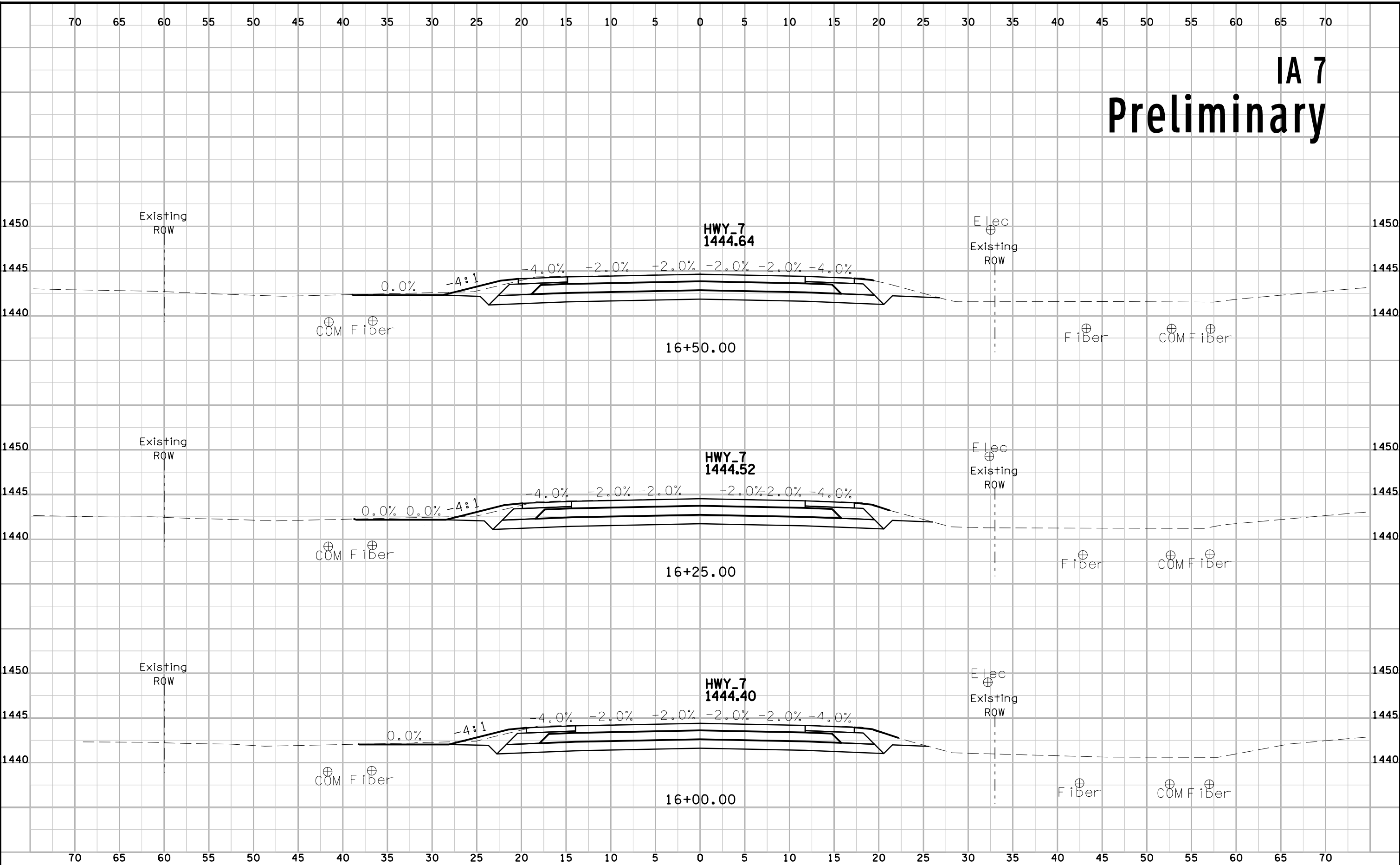
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PROJECT NUMBER: STPN-007-2(35)--2J-11

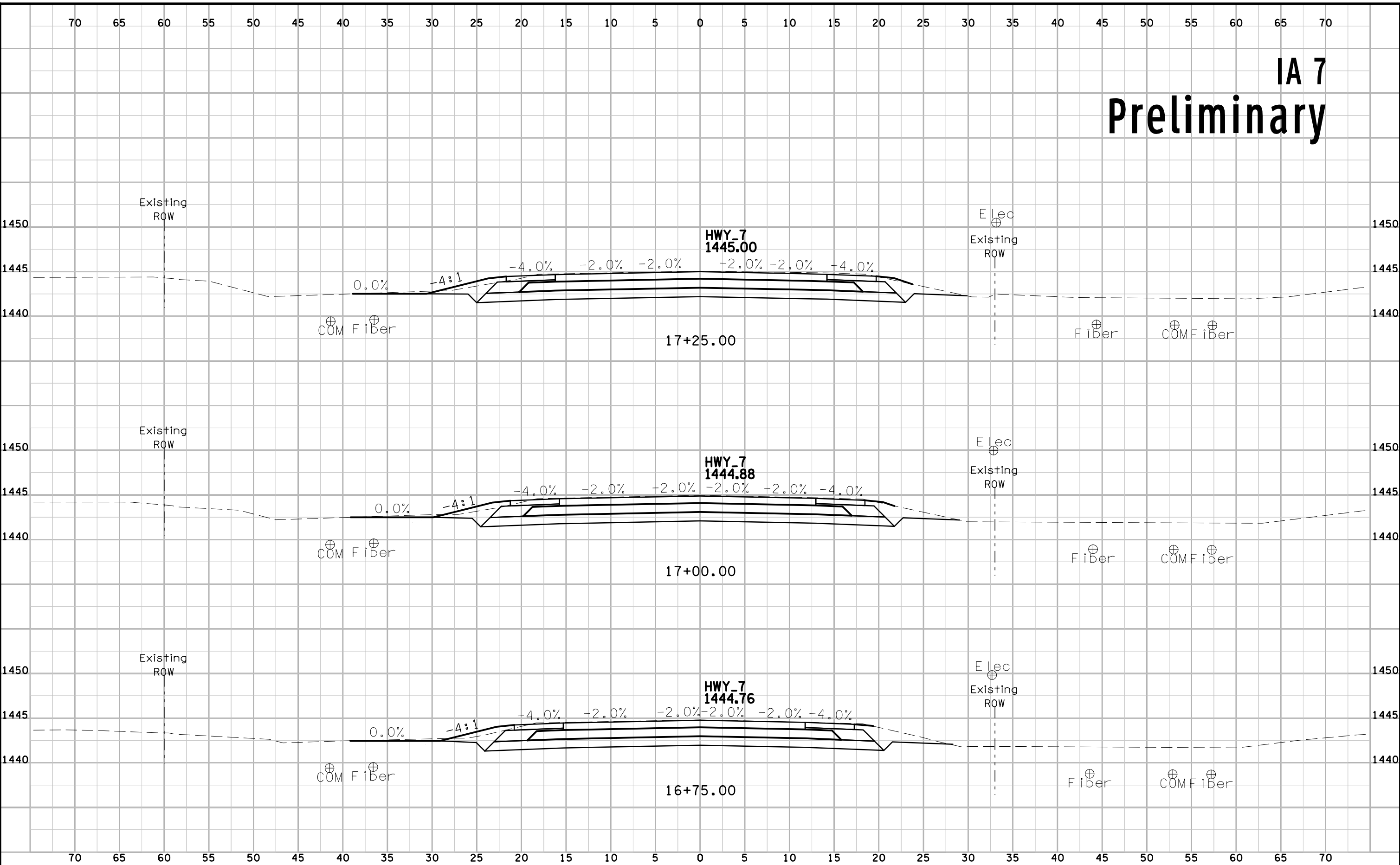
IA 7
Preliminary



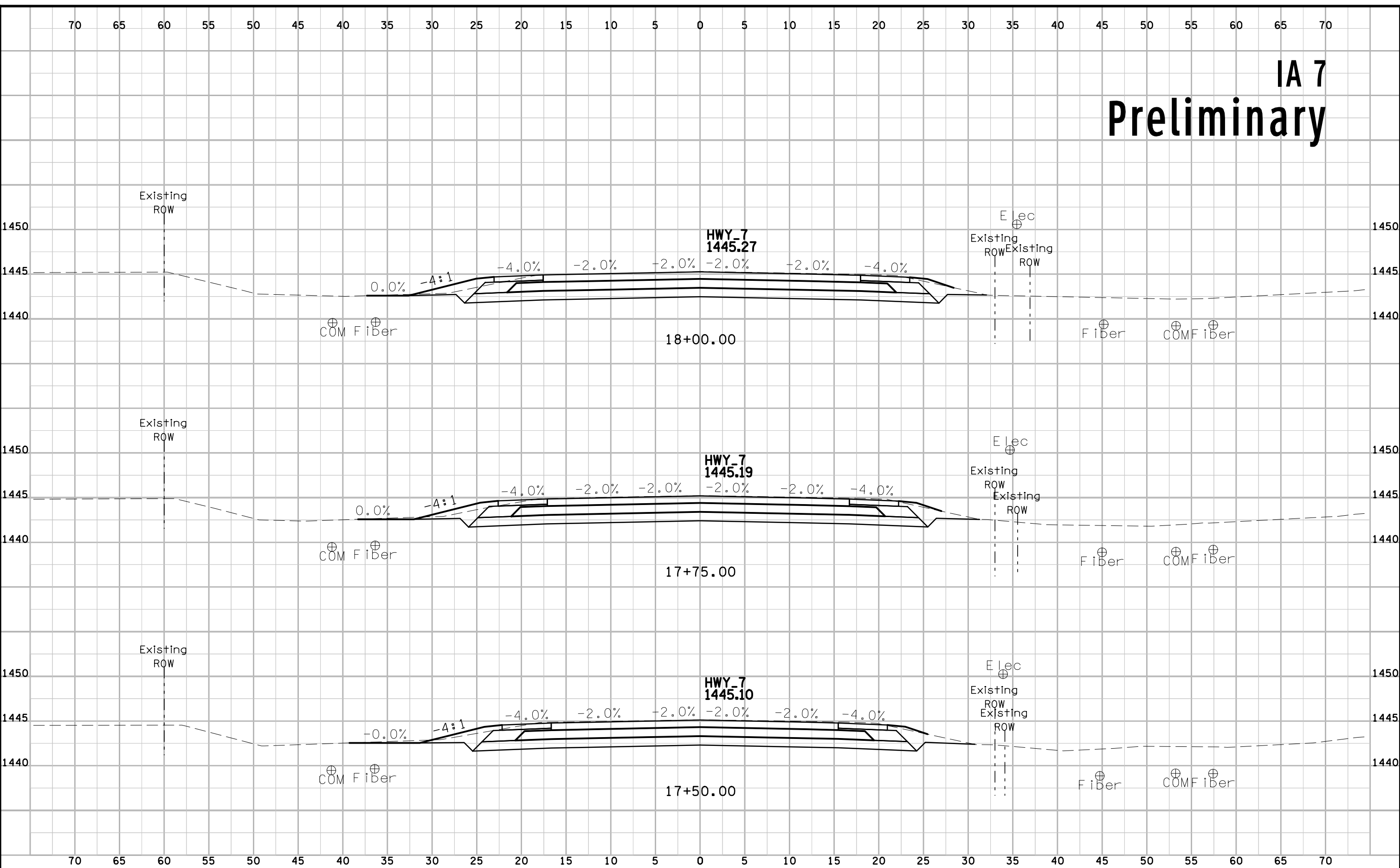
IA 7
Preliminary



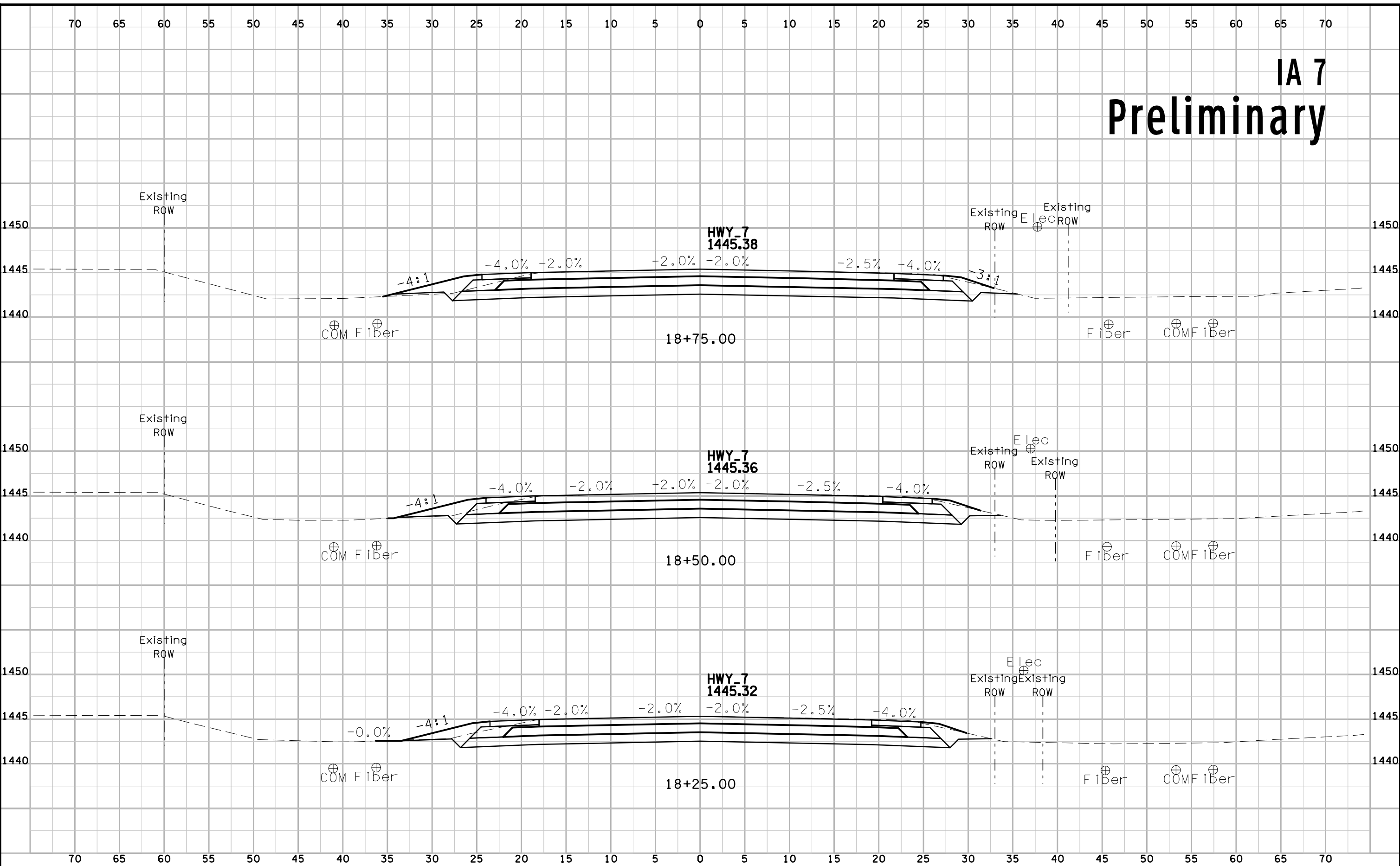
IA 7
Preliminary



IA 7
Preliminary



IA 7
Preliminary





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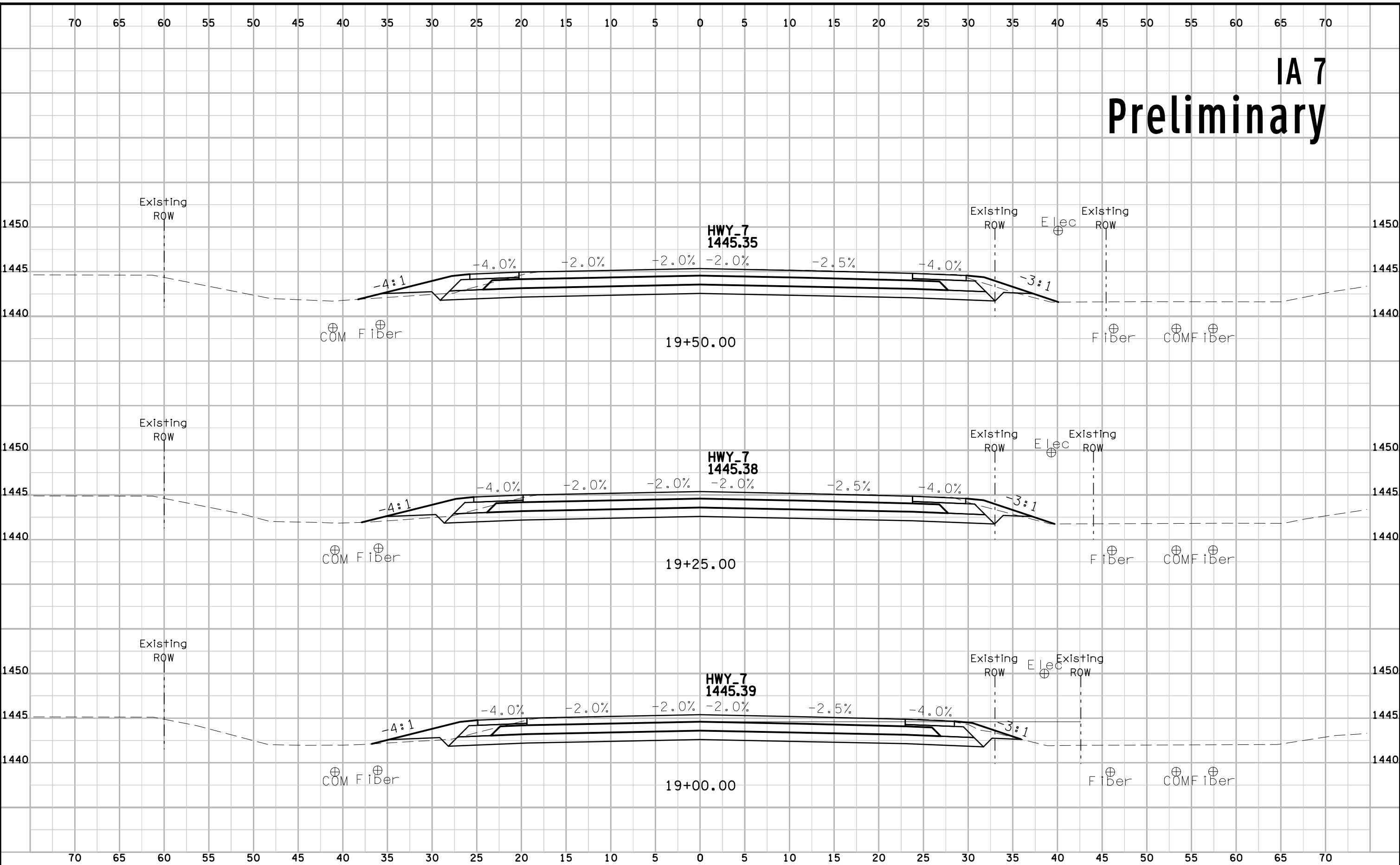
IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

CROSS SECTIONS

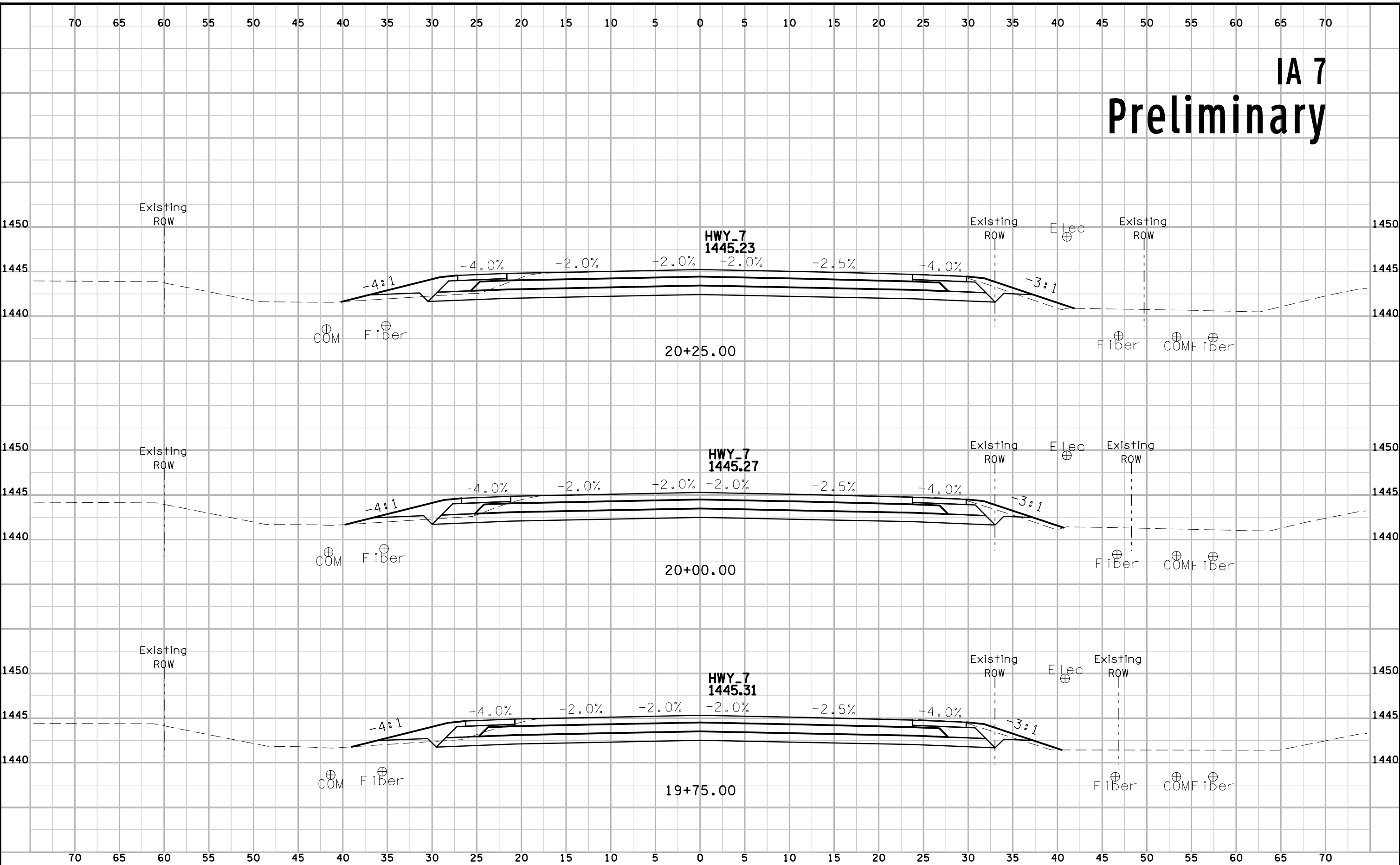
SHEET
W.5

PROJECT NUMBER: STPN-007-2(35)--2J-11

IA 7
Preliminary

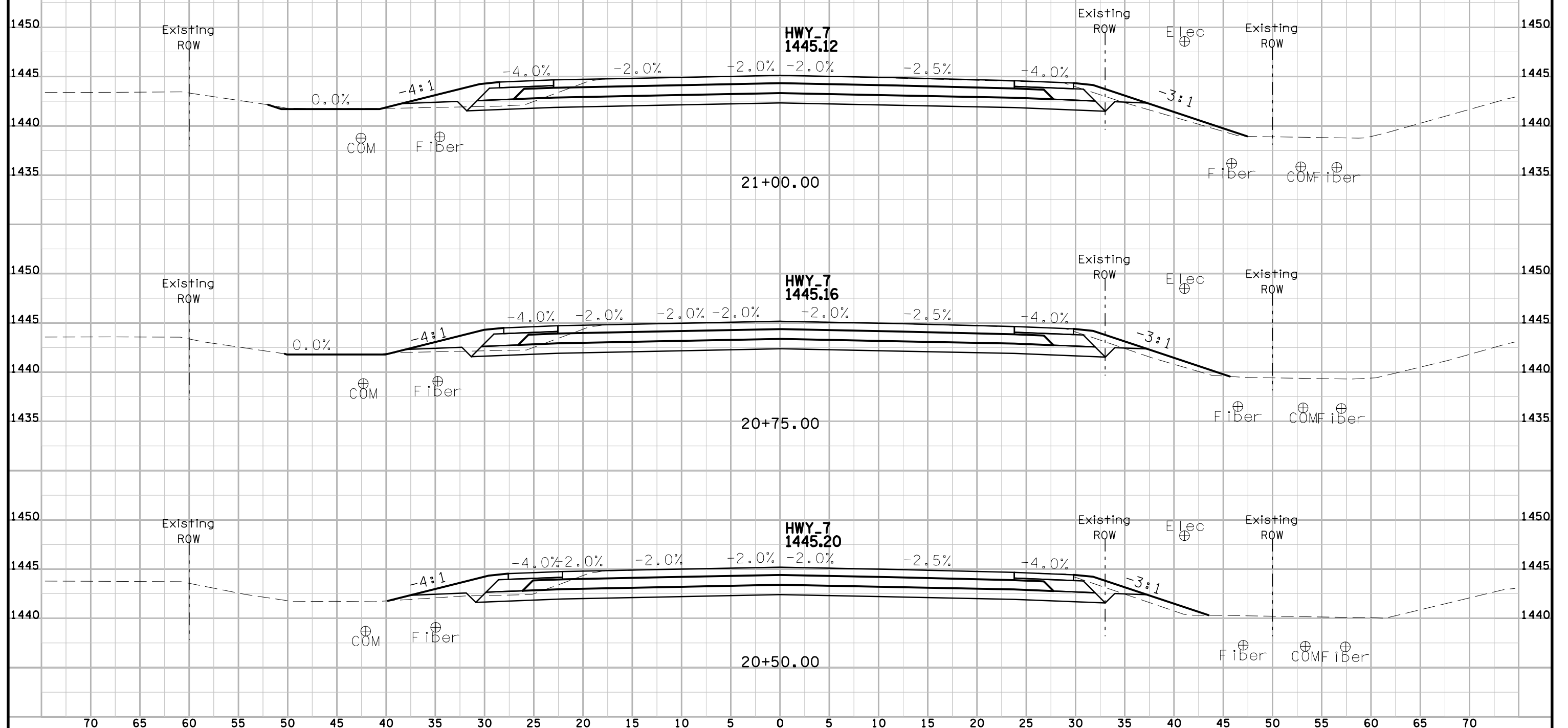


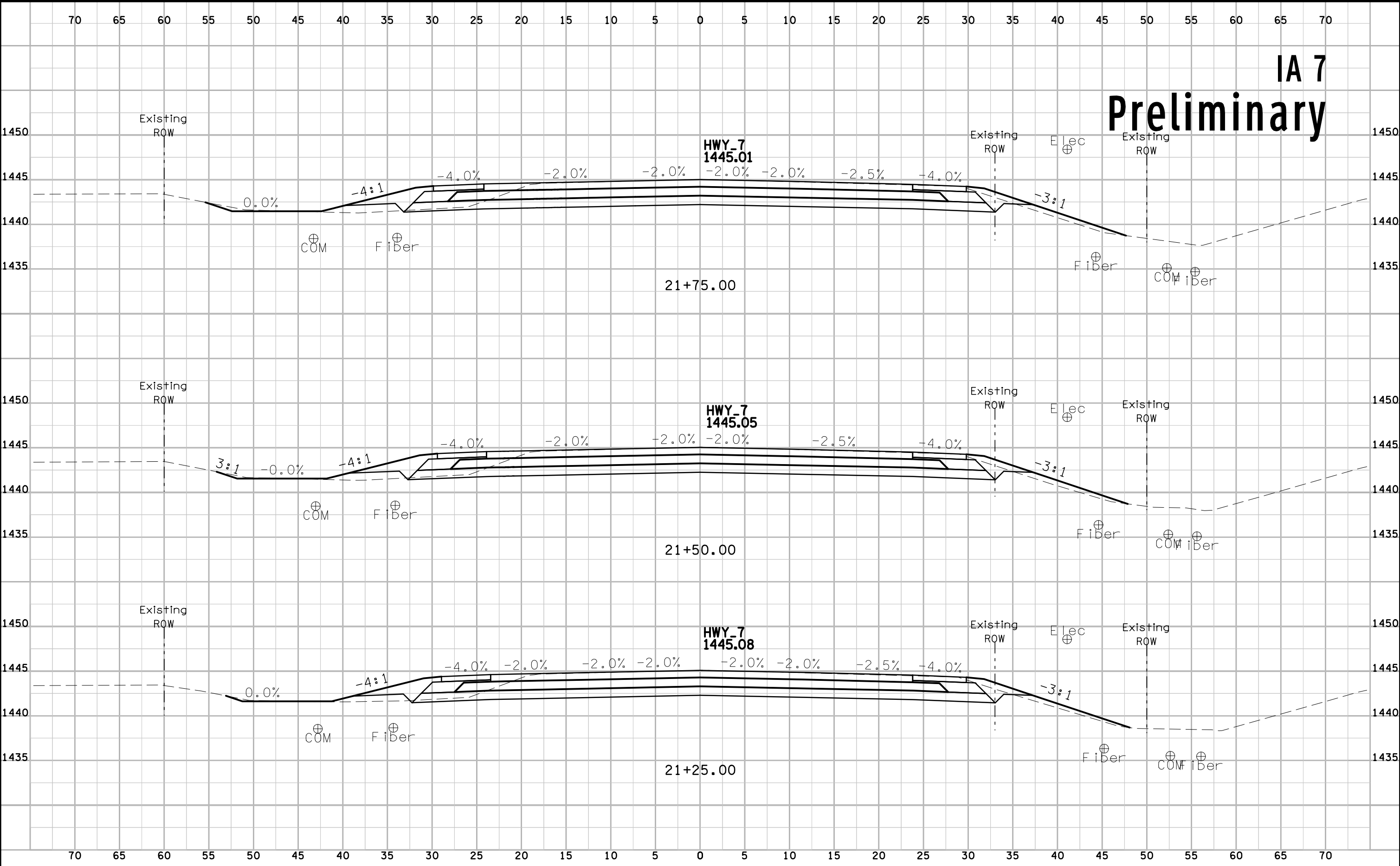
IA 7
Preliminary



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			DRAWN	JRH					IA 7 & IA 110 INTERSECTION
			CHECKED	JPS					
									CROSS SECTIONS

IA 7 Preliminary





IA 7
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CHECKED	JPS		

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IA 7 & IA 110 INTERSECTION

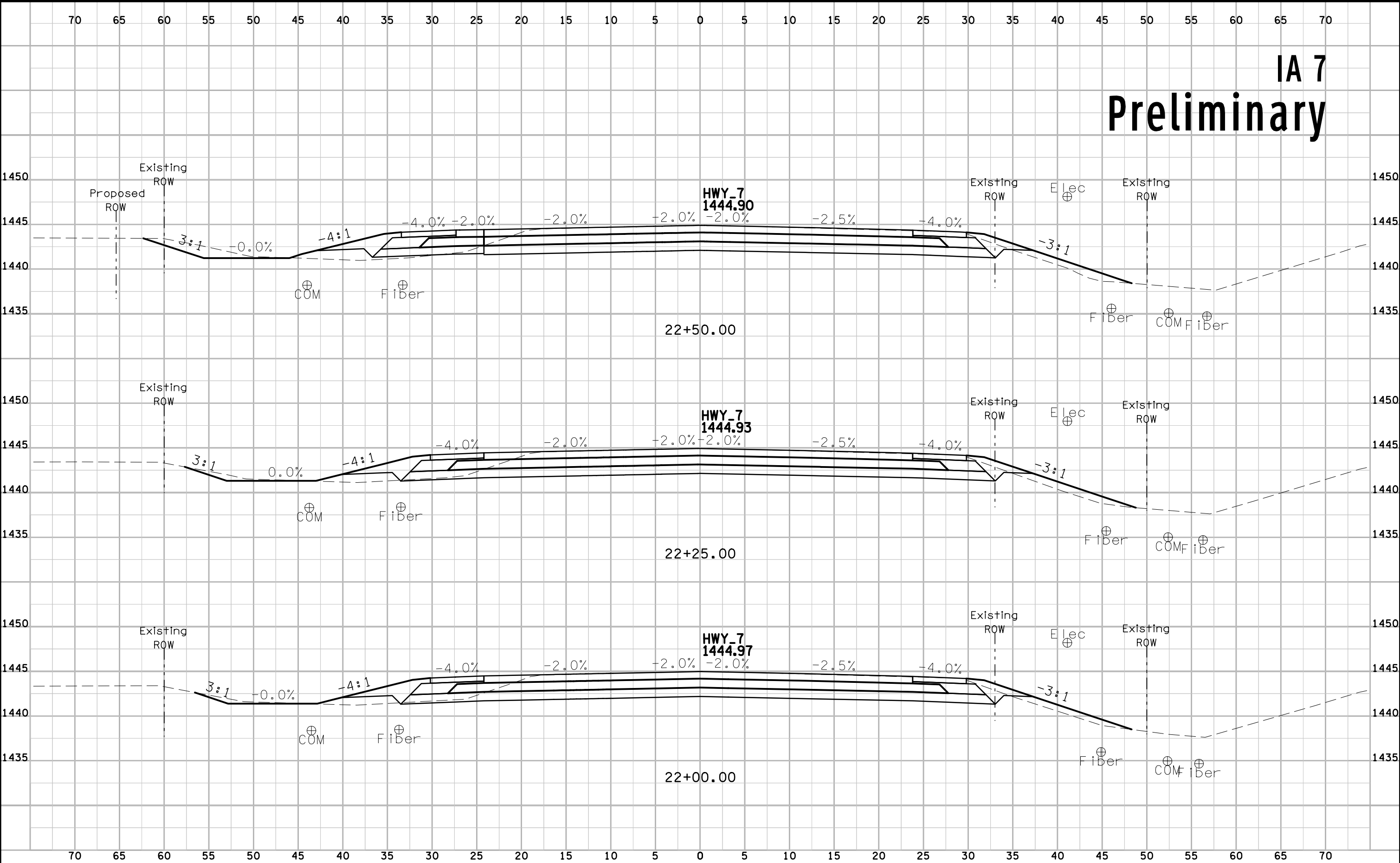
CROSS SECTIONS

SHEET

W.9

PROJECT NUMBER: STPN-007-2(35)--2J-11

IA 7
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IA 7 & IA 110 INTERSECTION

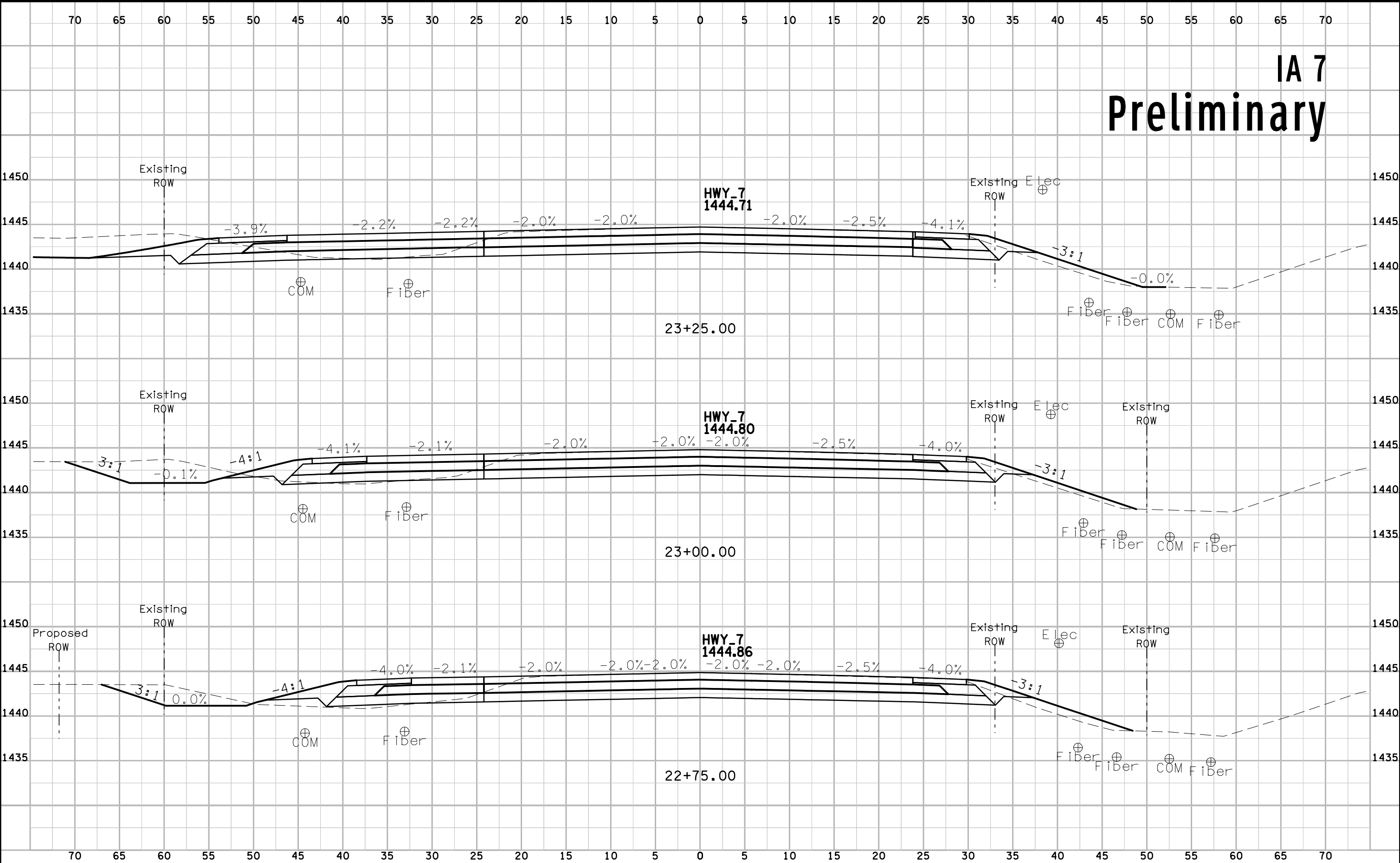
CROSS SECTIONS

SHEET

W.10

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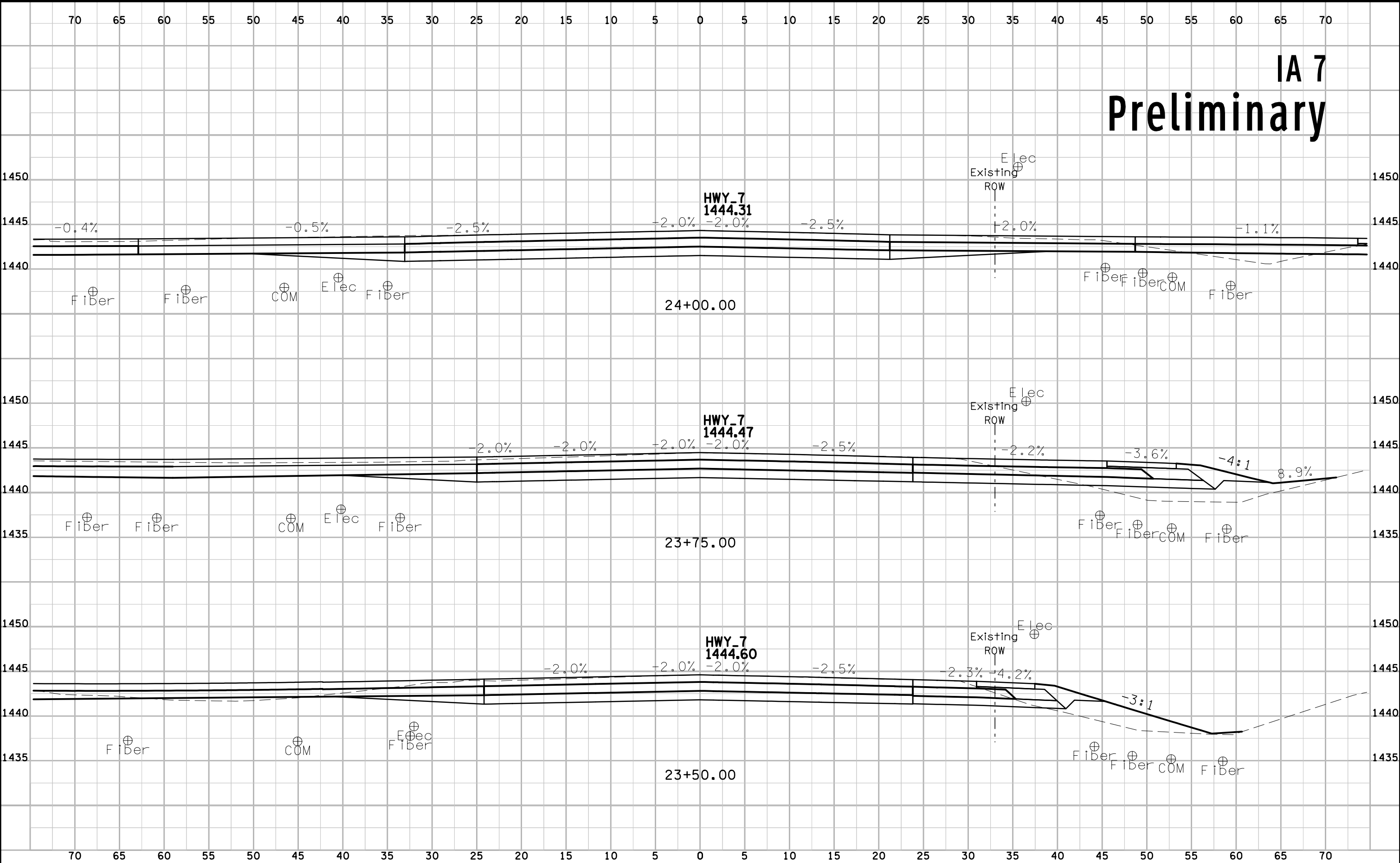
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DRAWN	JRH		
CHECKED	JPS		

IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

CROSS SECTIONS

SHEET
W.11

IA 7
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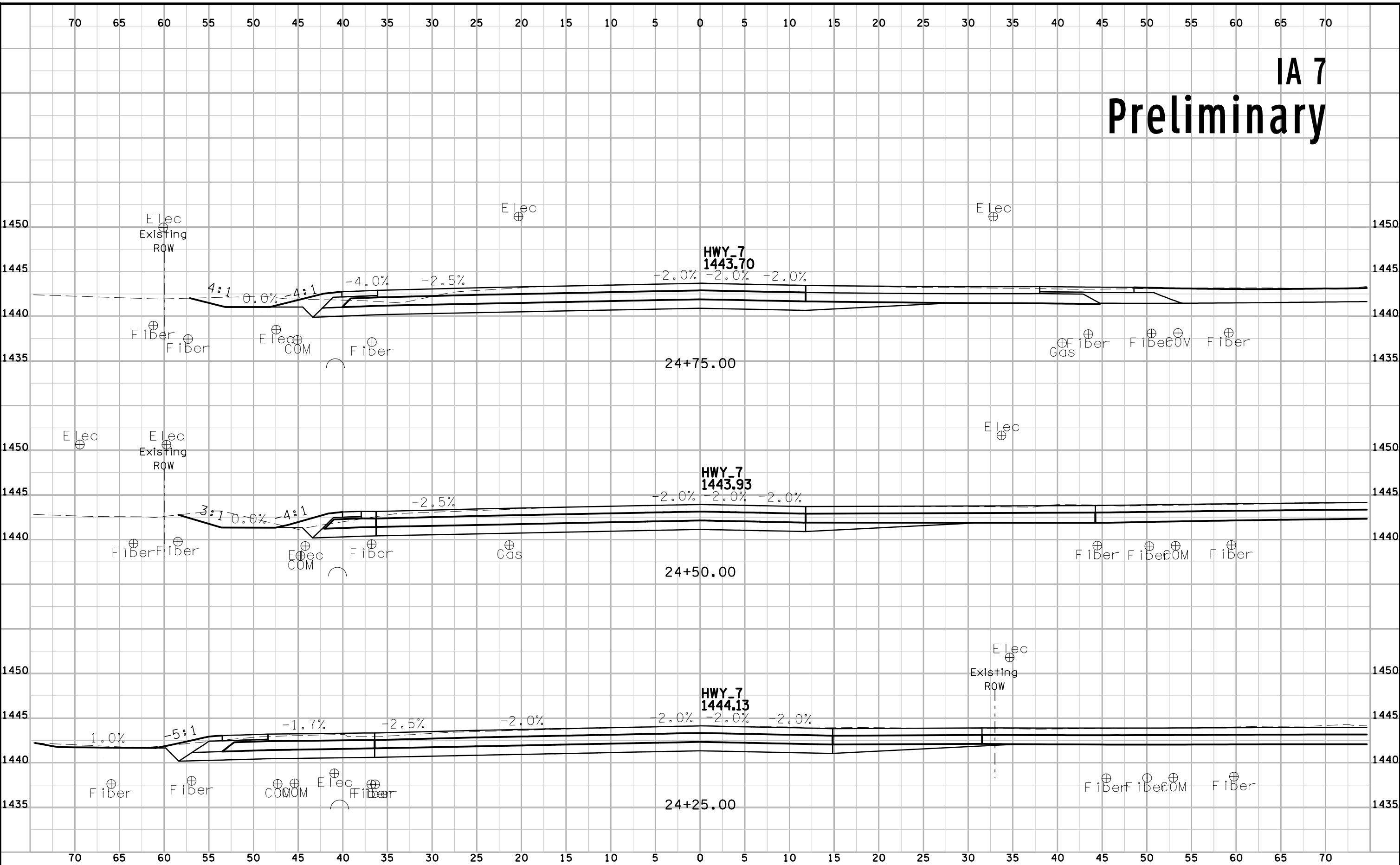
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IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

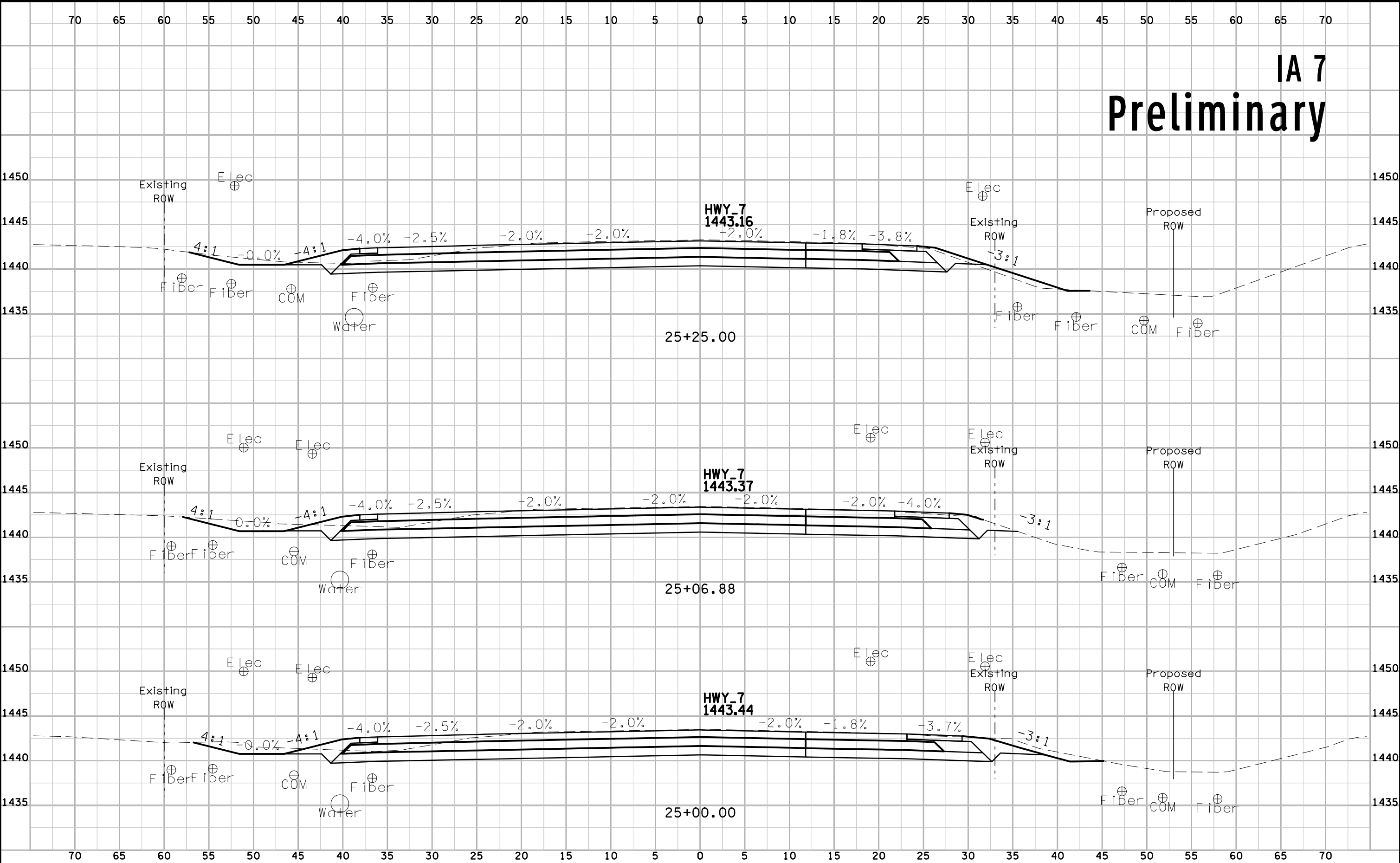
CROSS SECTIONS

SHEET
W.12

IA 7
Preliminary



IA 7
Preliminary



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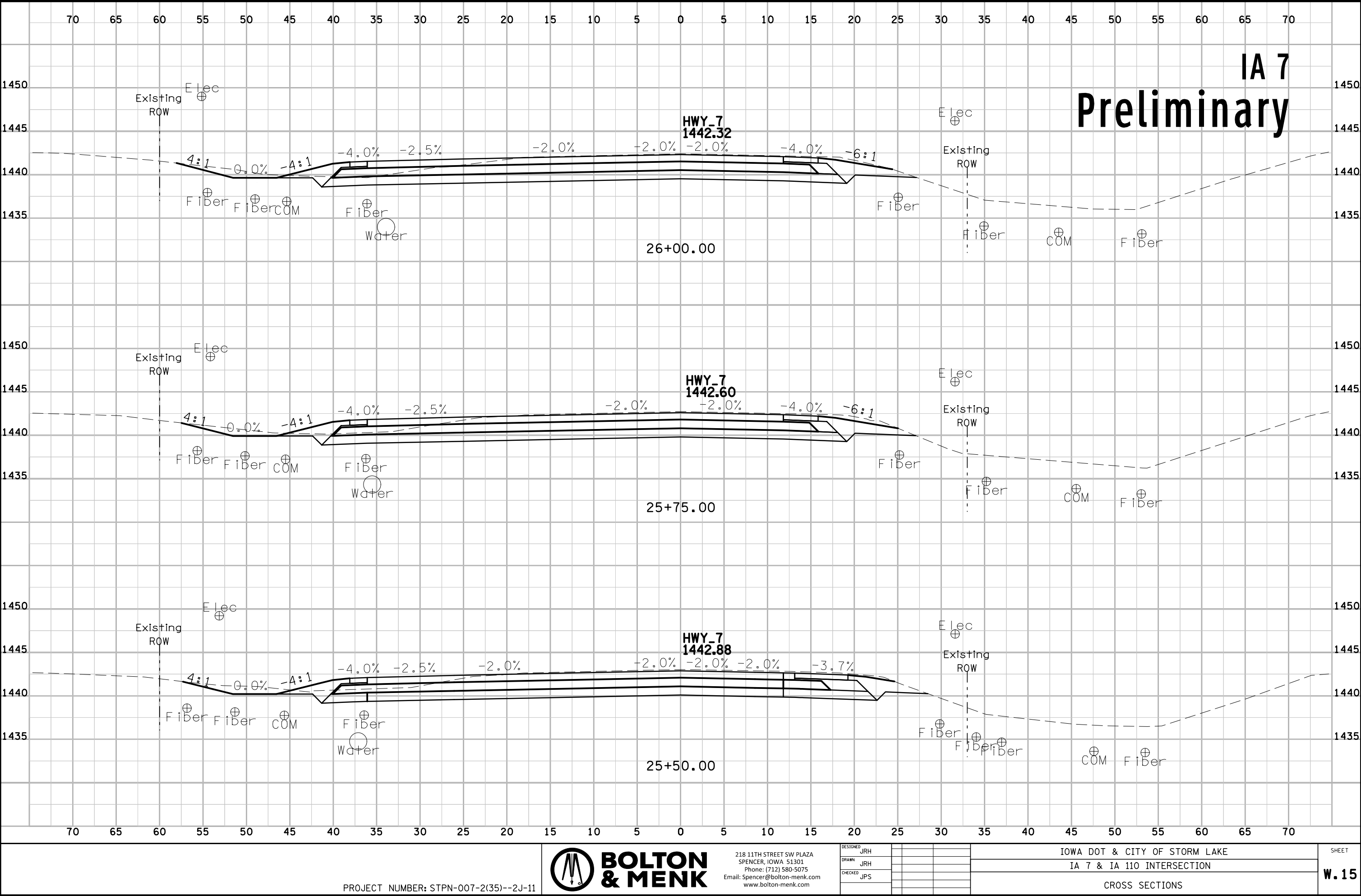
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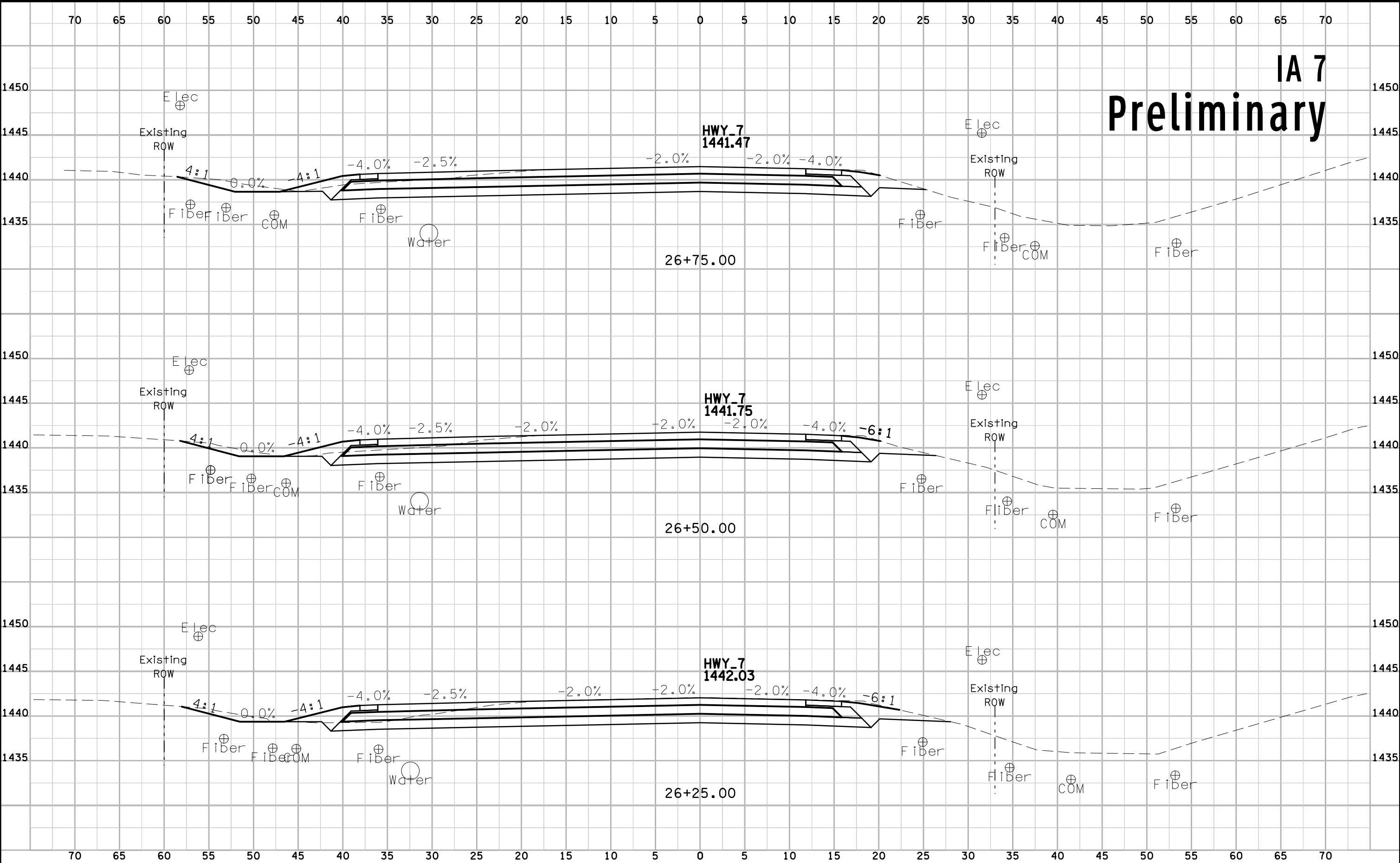
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CHECKED	JPS		

IOWA DOT & CITY OF STORM LAKE
IA 7 & IA 110 INTERSECTION

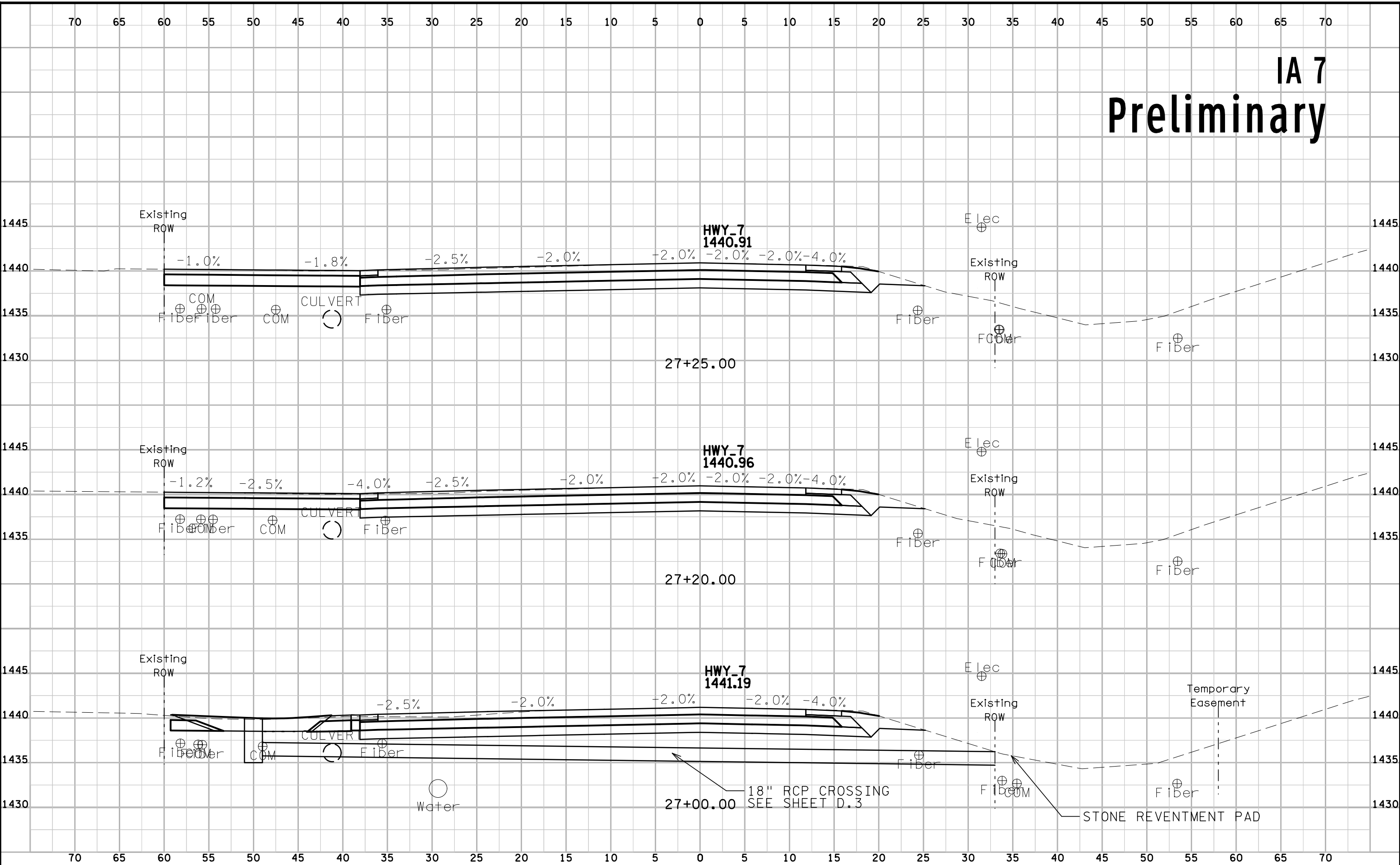
CROSS SECTIONS

SHEET
W. 14

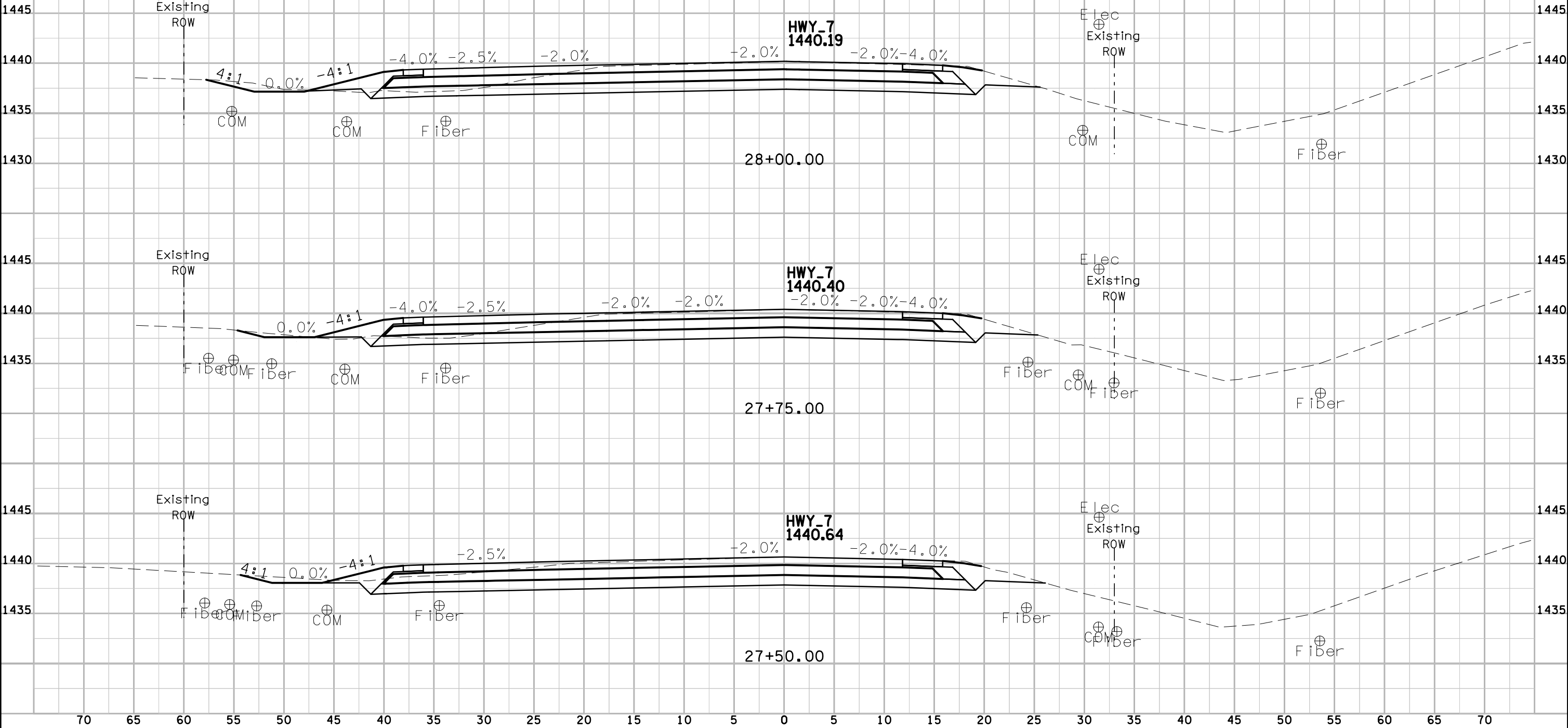




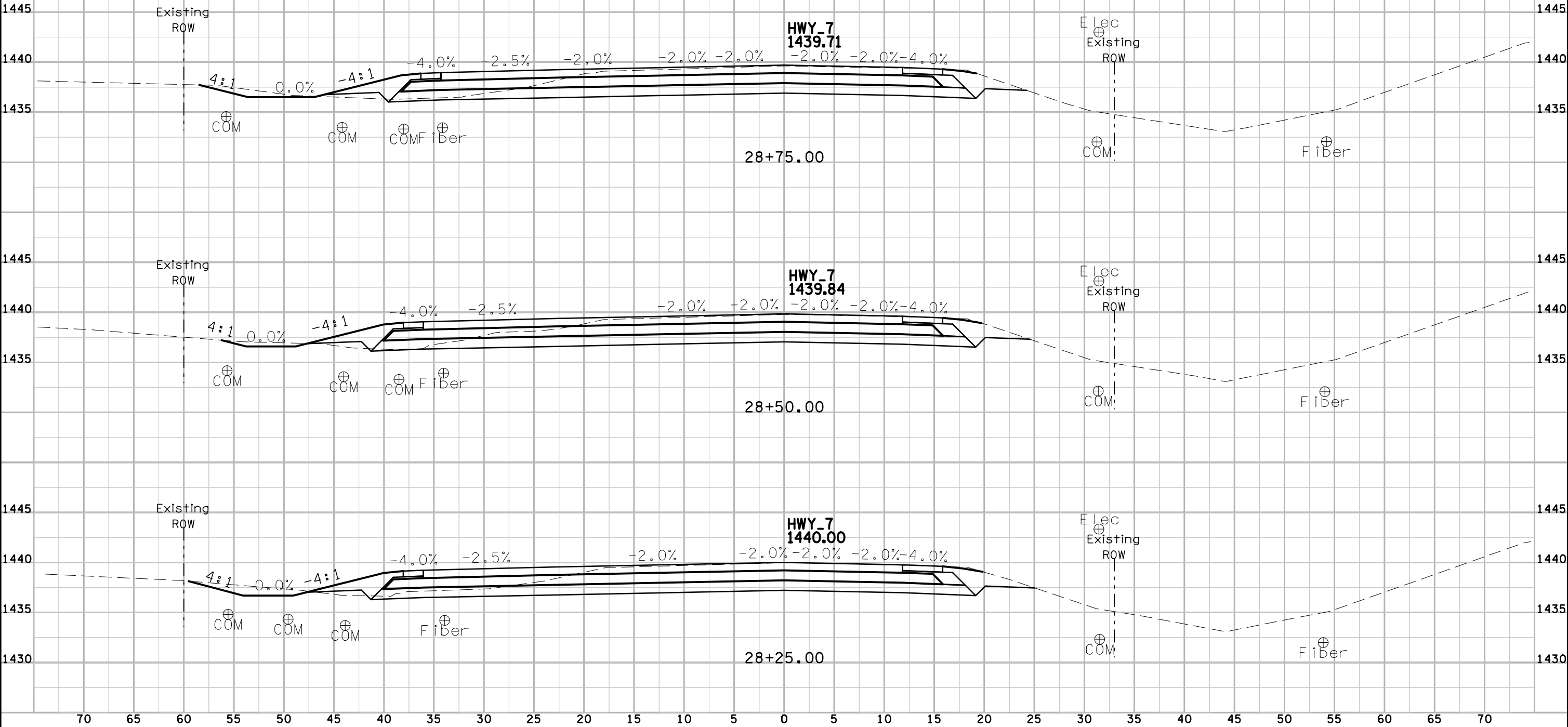
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Preliminary



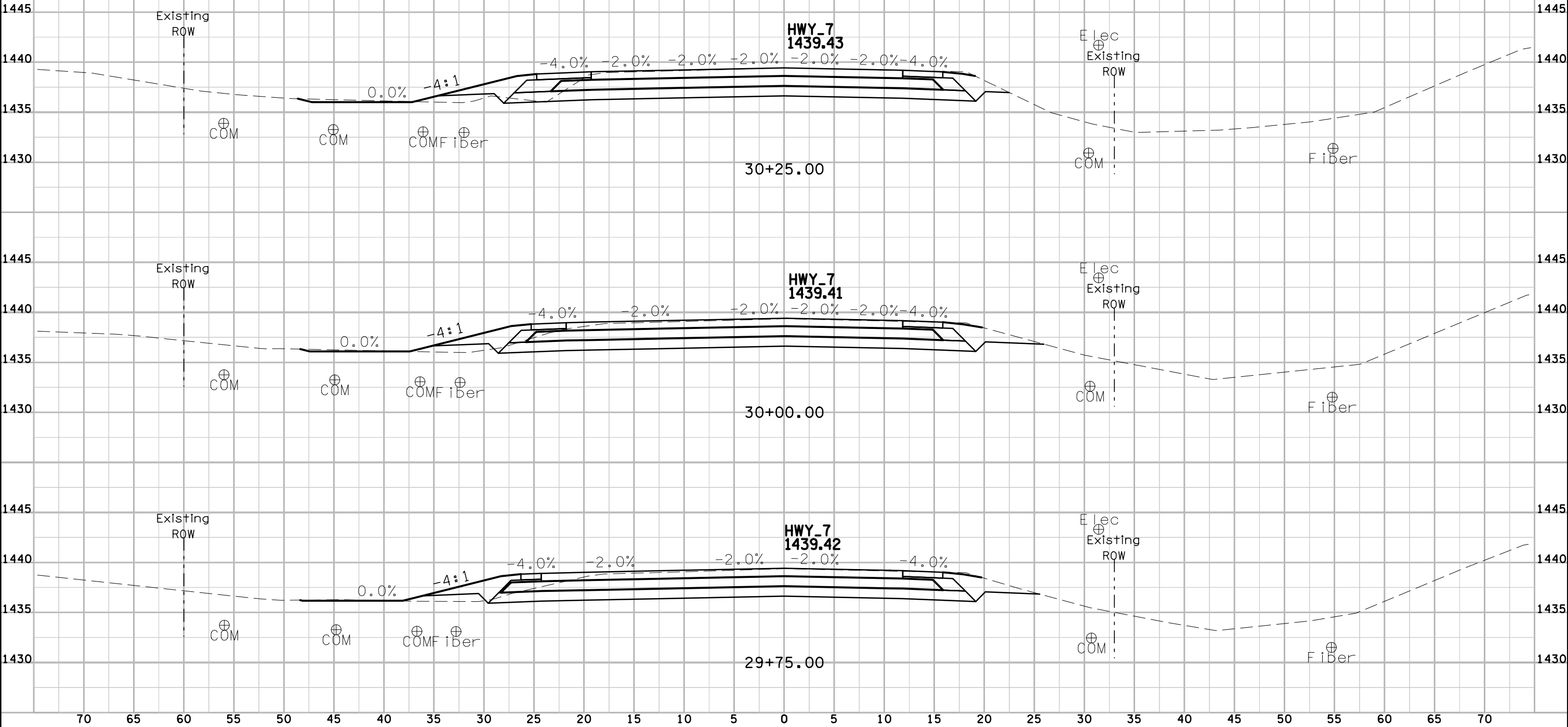
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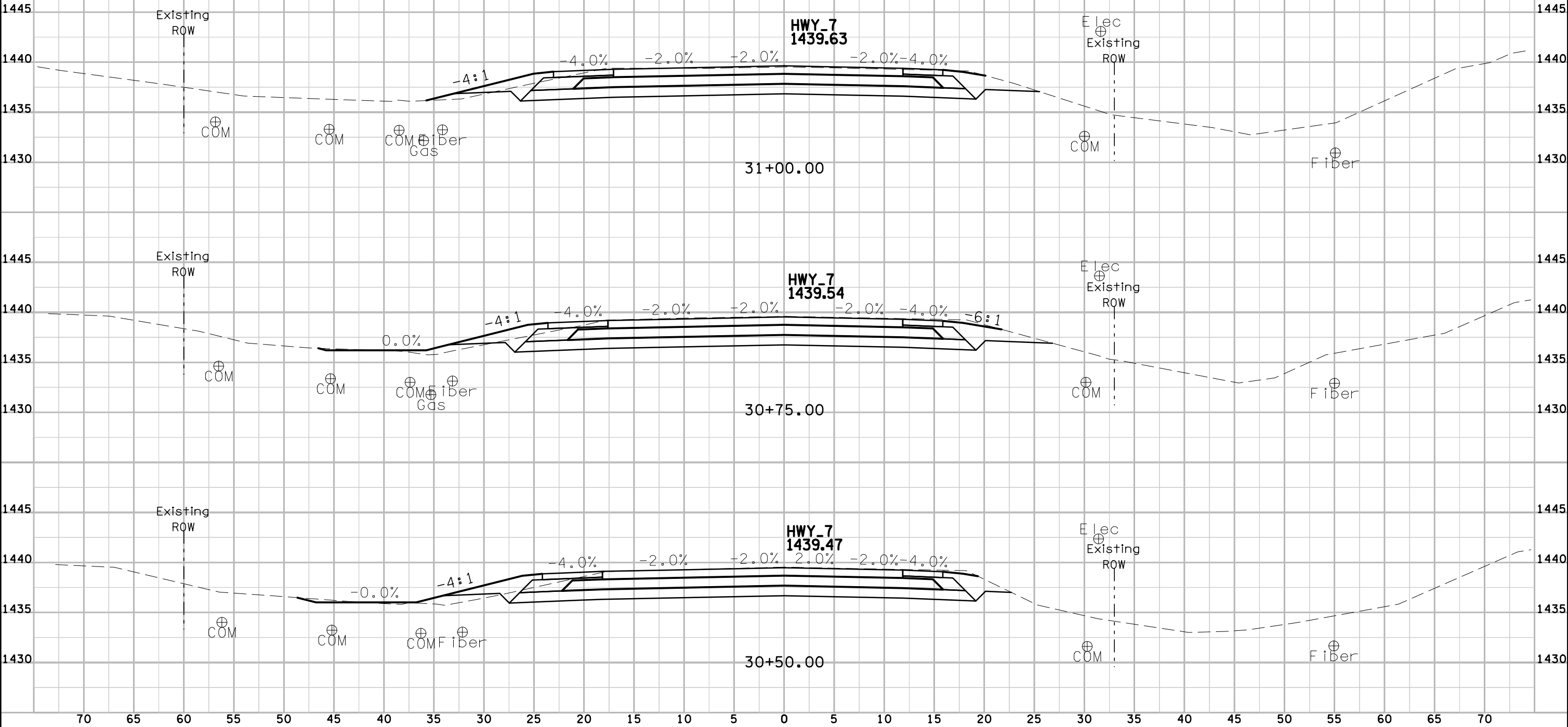
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Preliminary



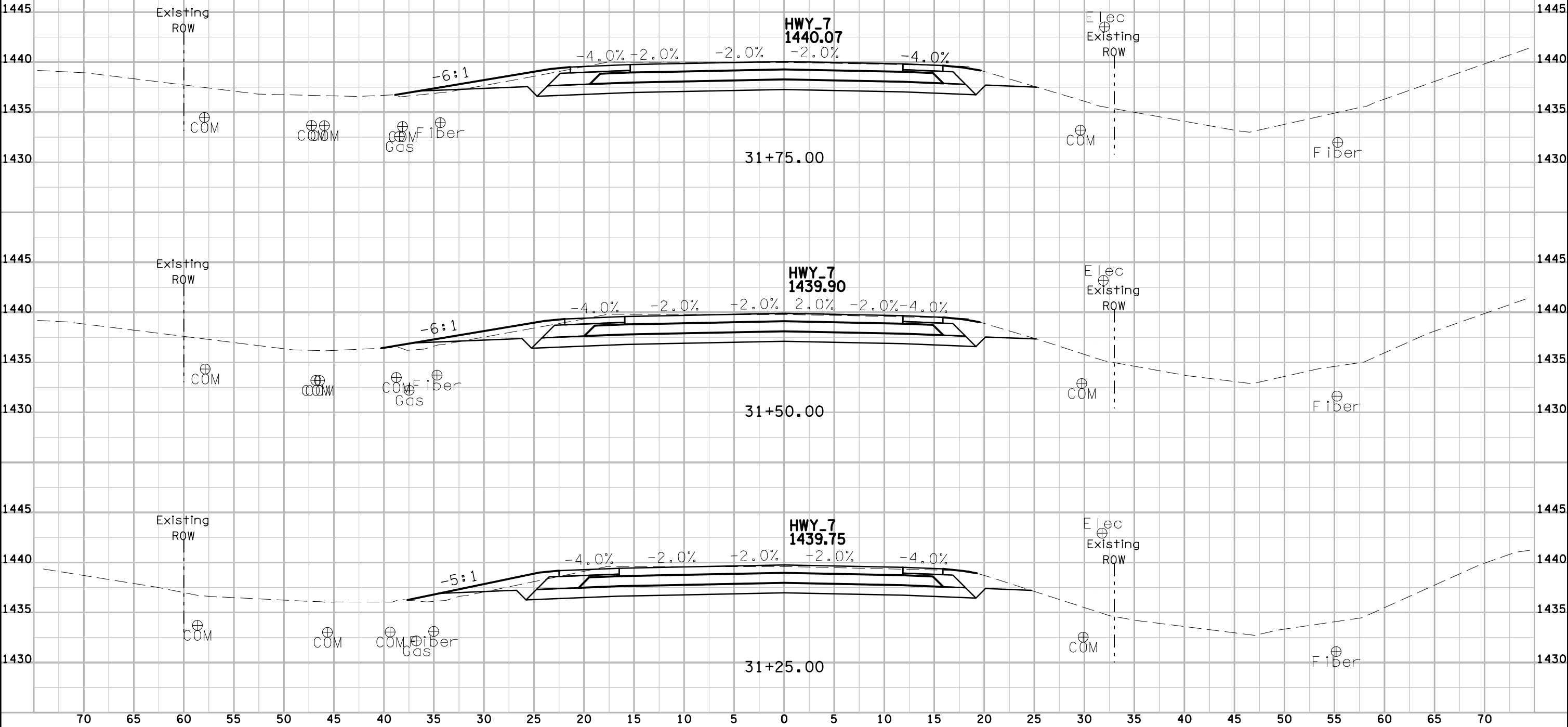
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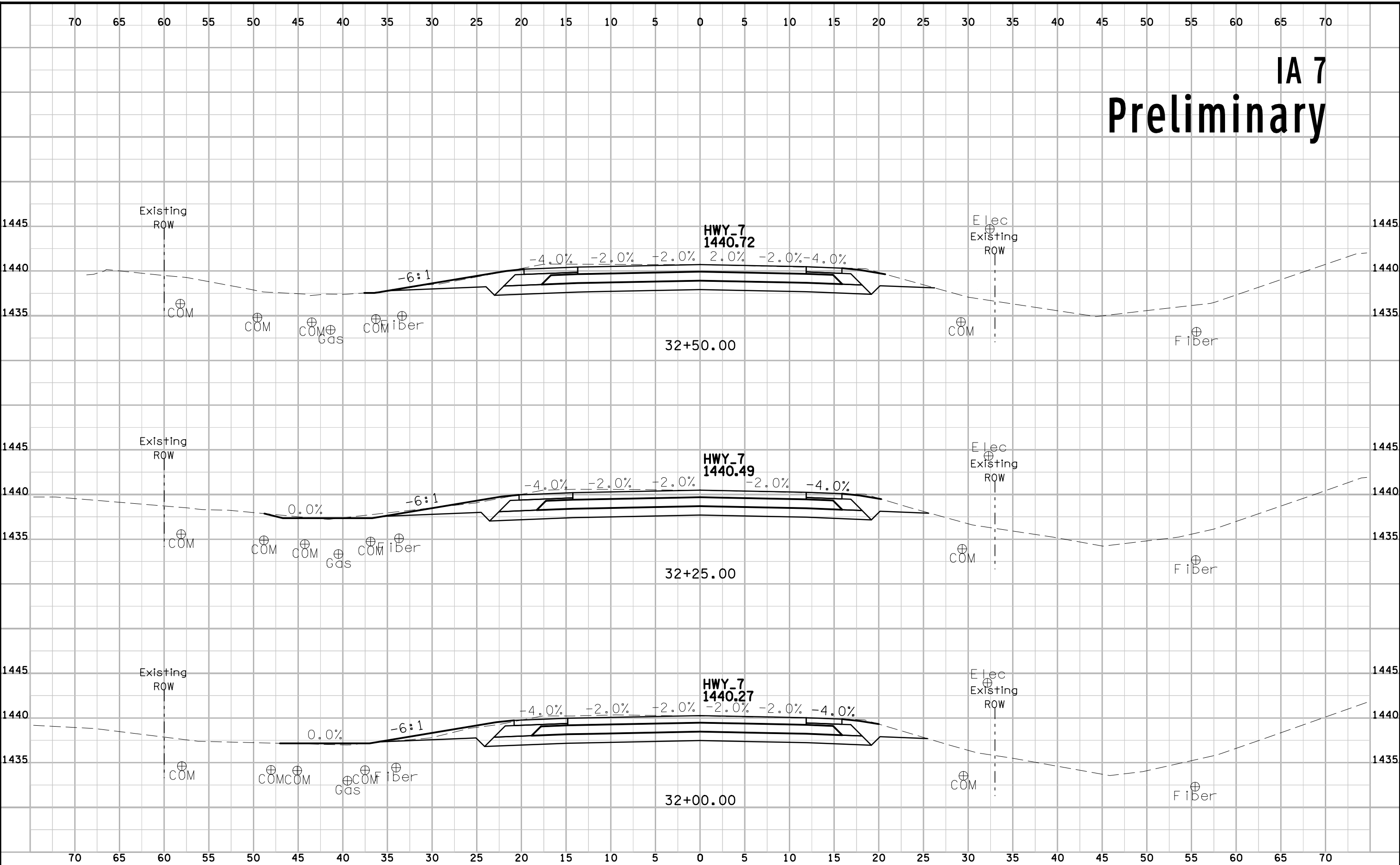
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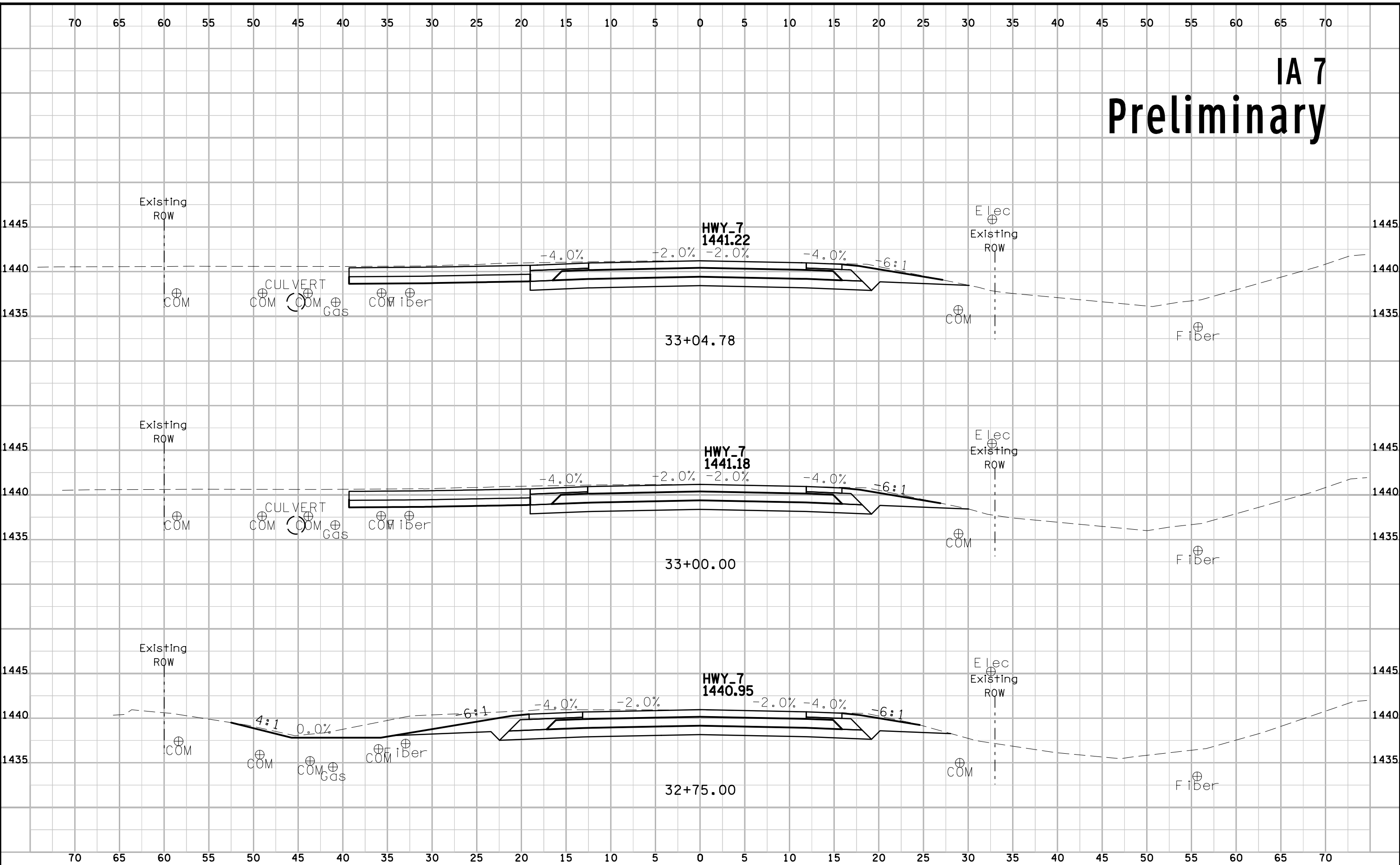
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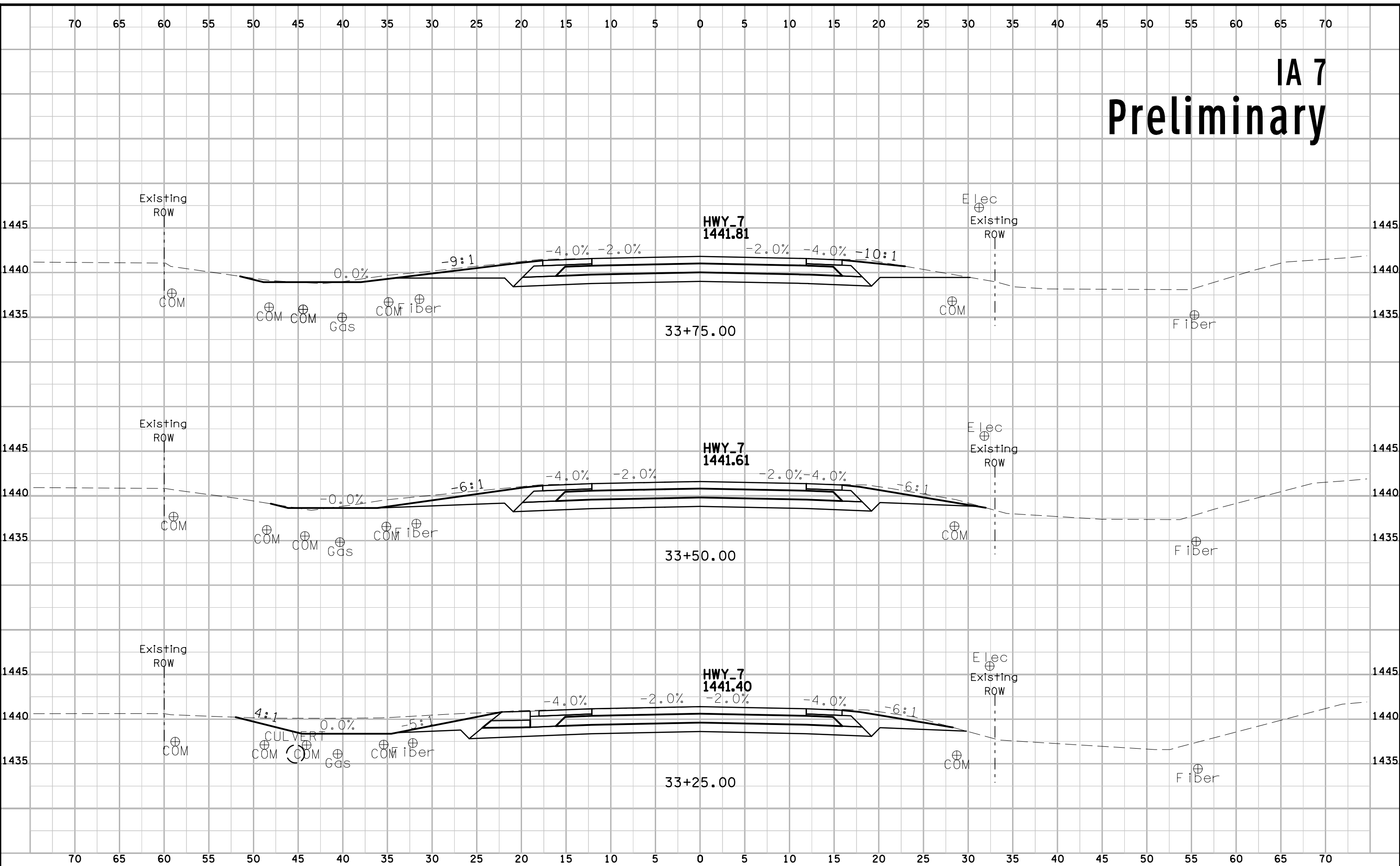
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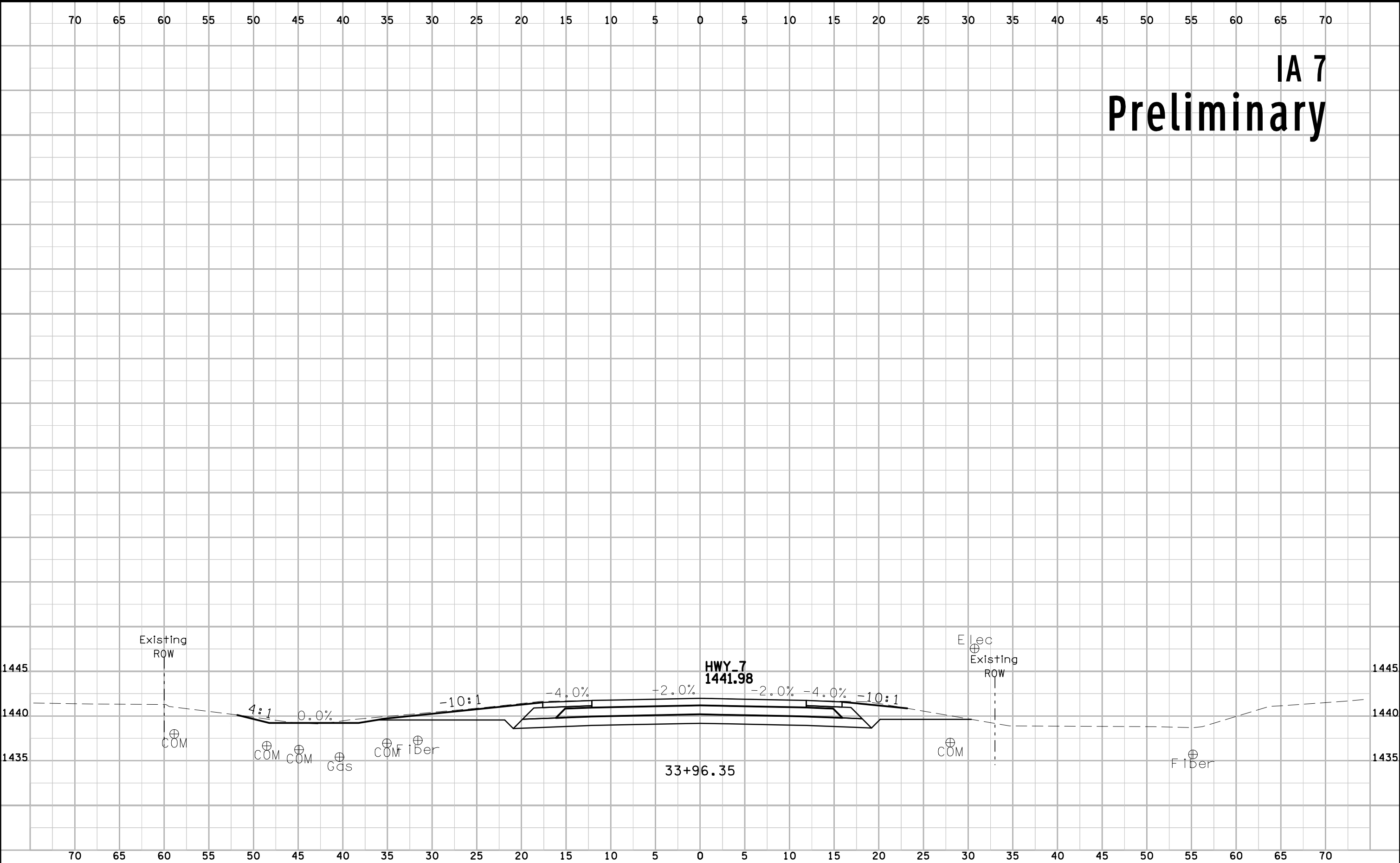
IA 7
Preliminary



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PROJECT NUMBER: STPN-007-2(35)--2J-11

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CHECKED	JPS			
CLIENT PROJ. NO.				

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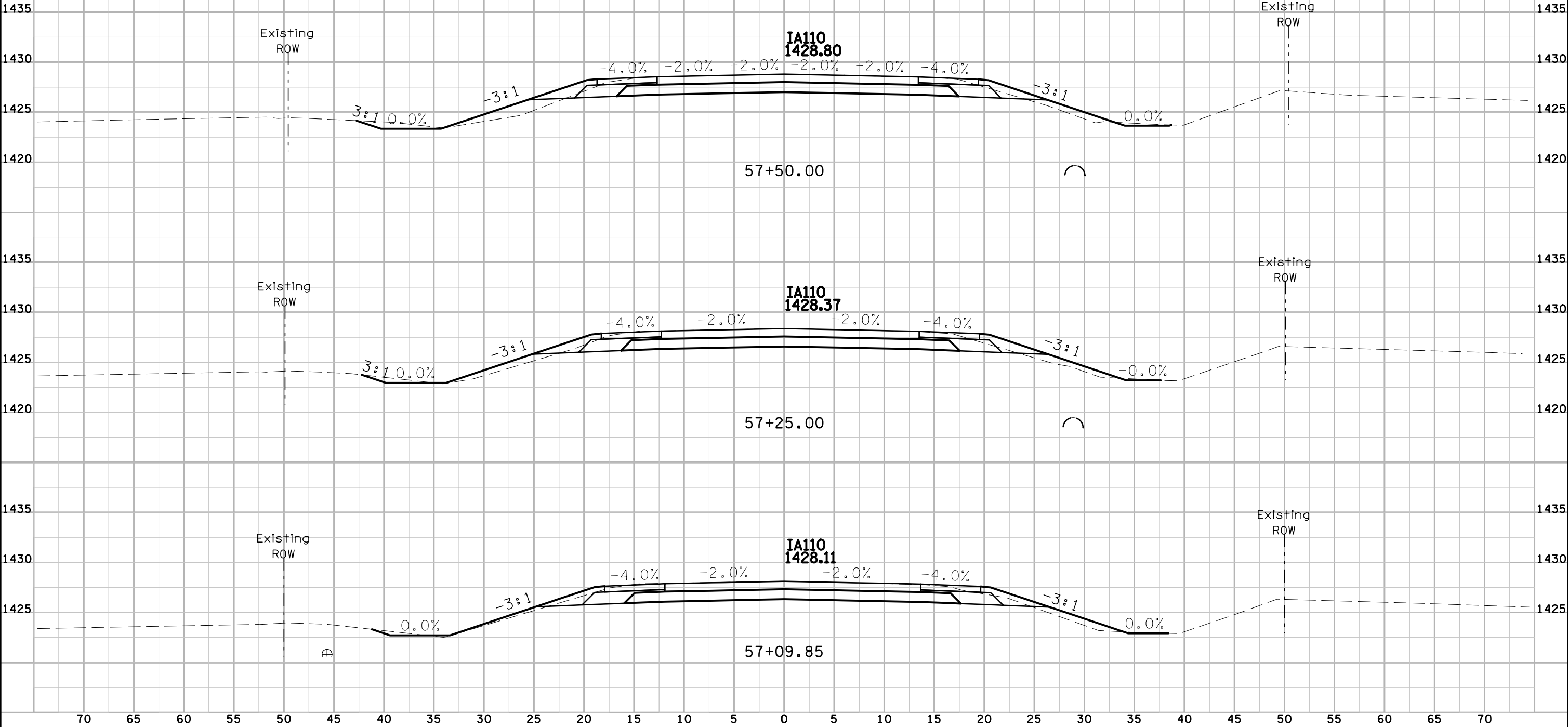
IA 7 & IA 110 INTERSECTION

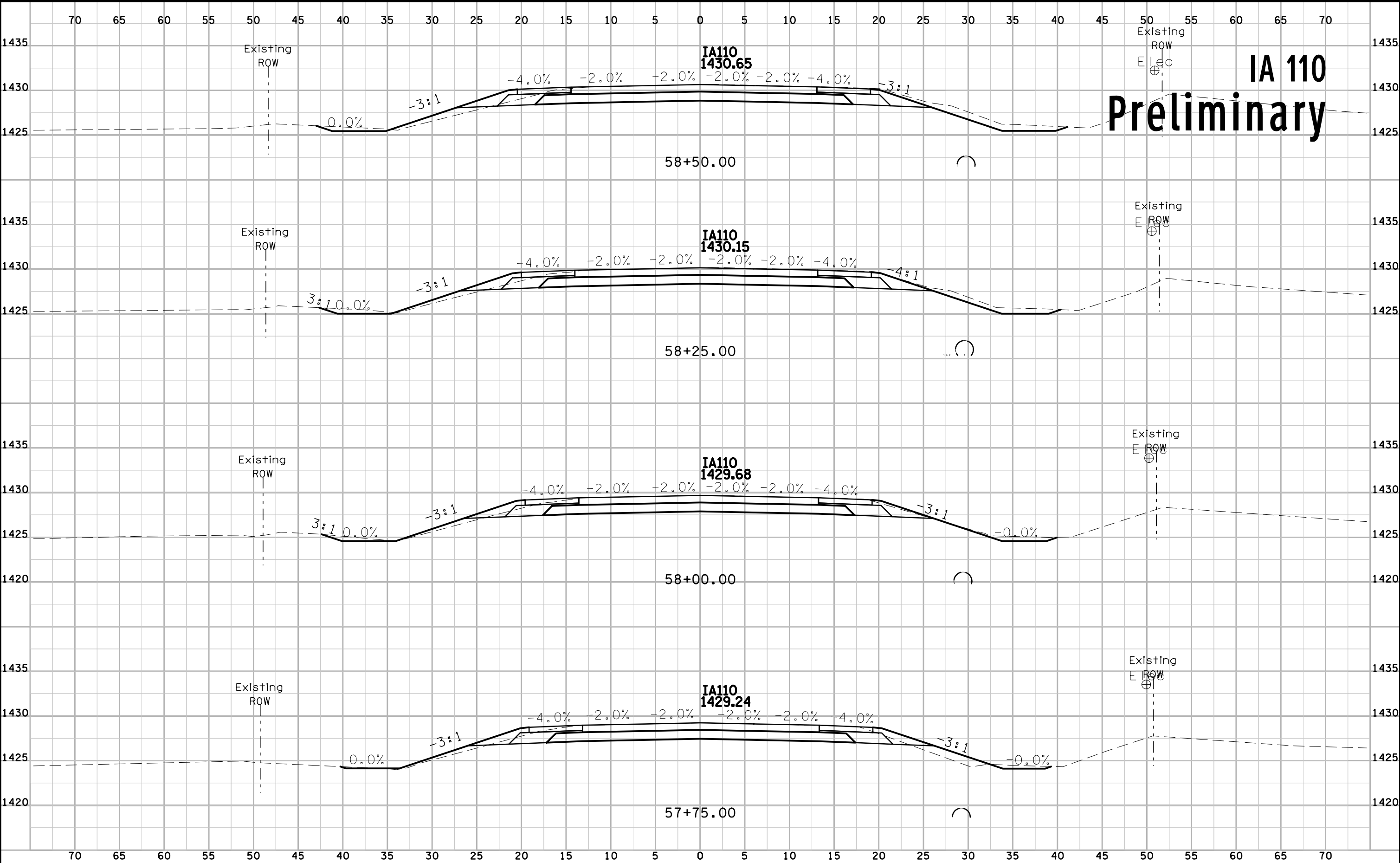
CROSS SECTIONS

SHEET

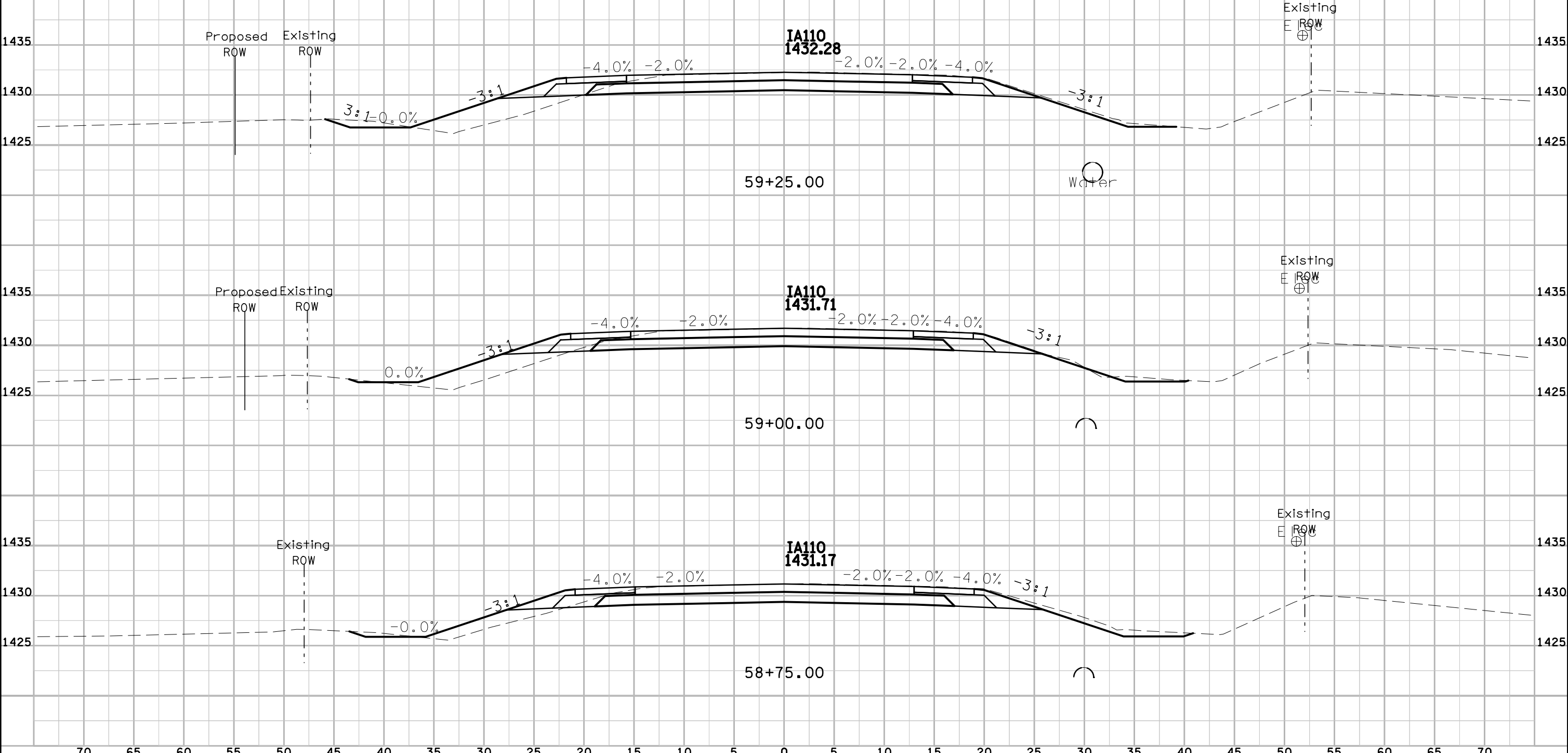
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IA 110
Preliminary

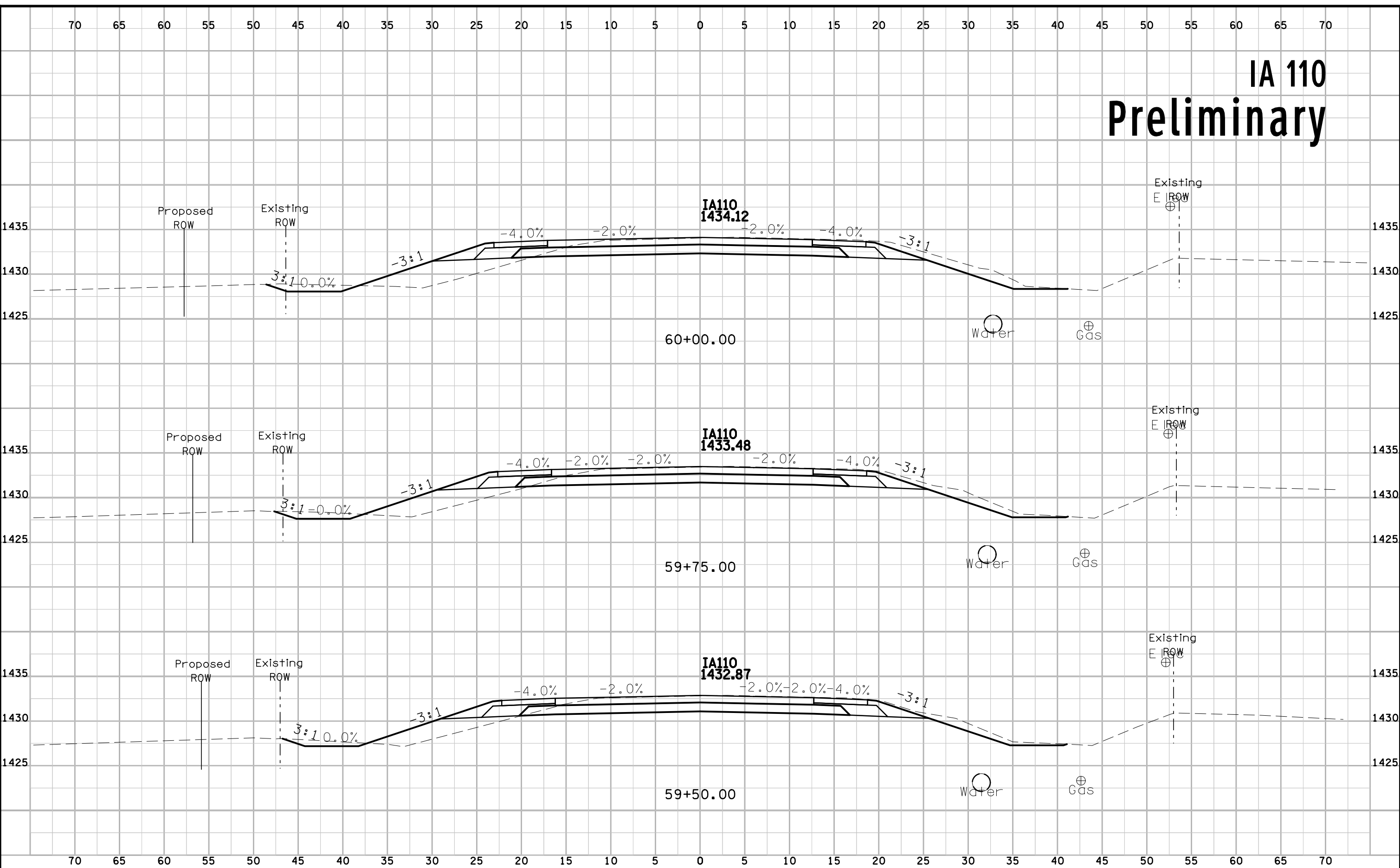




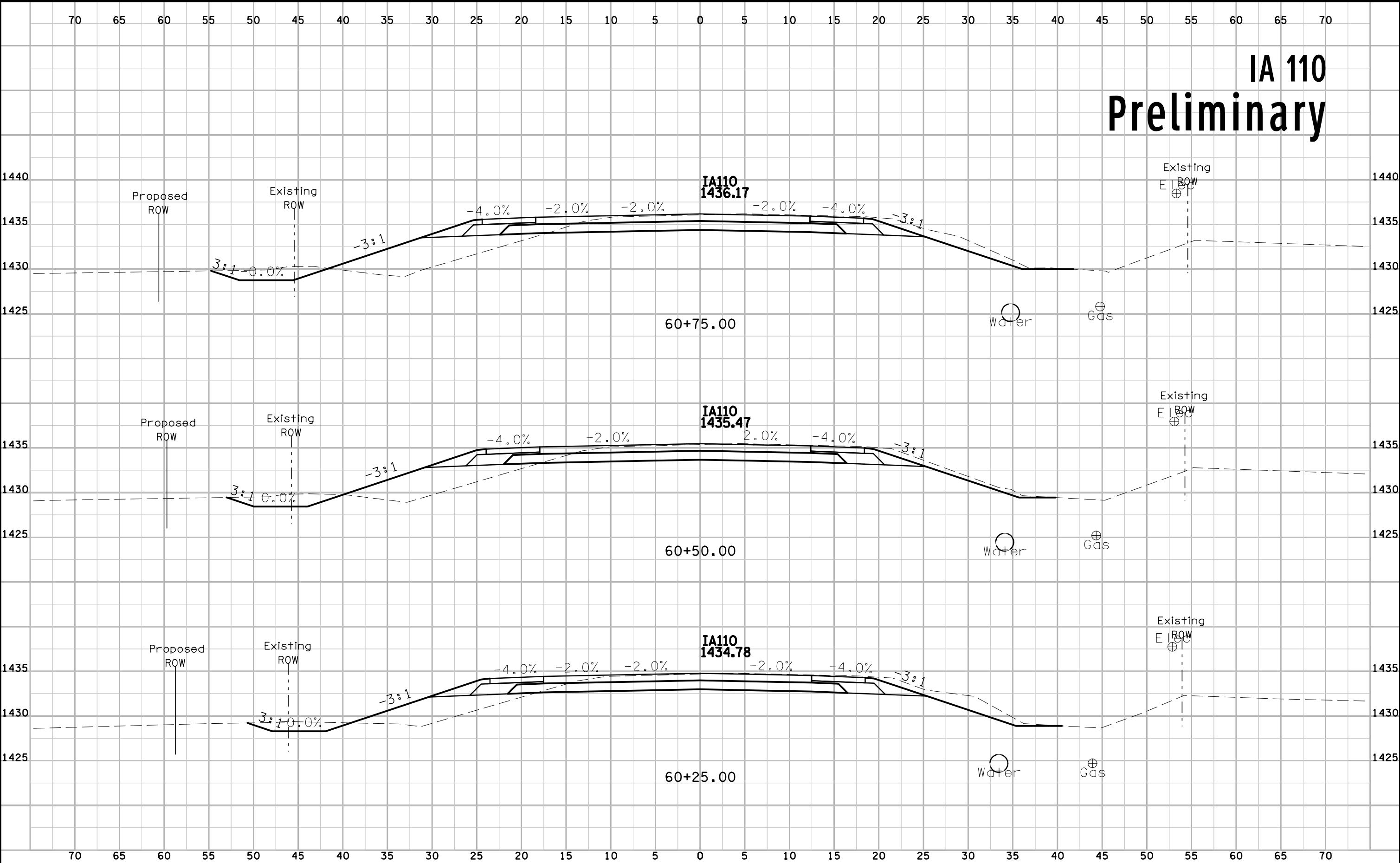
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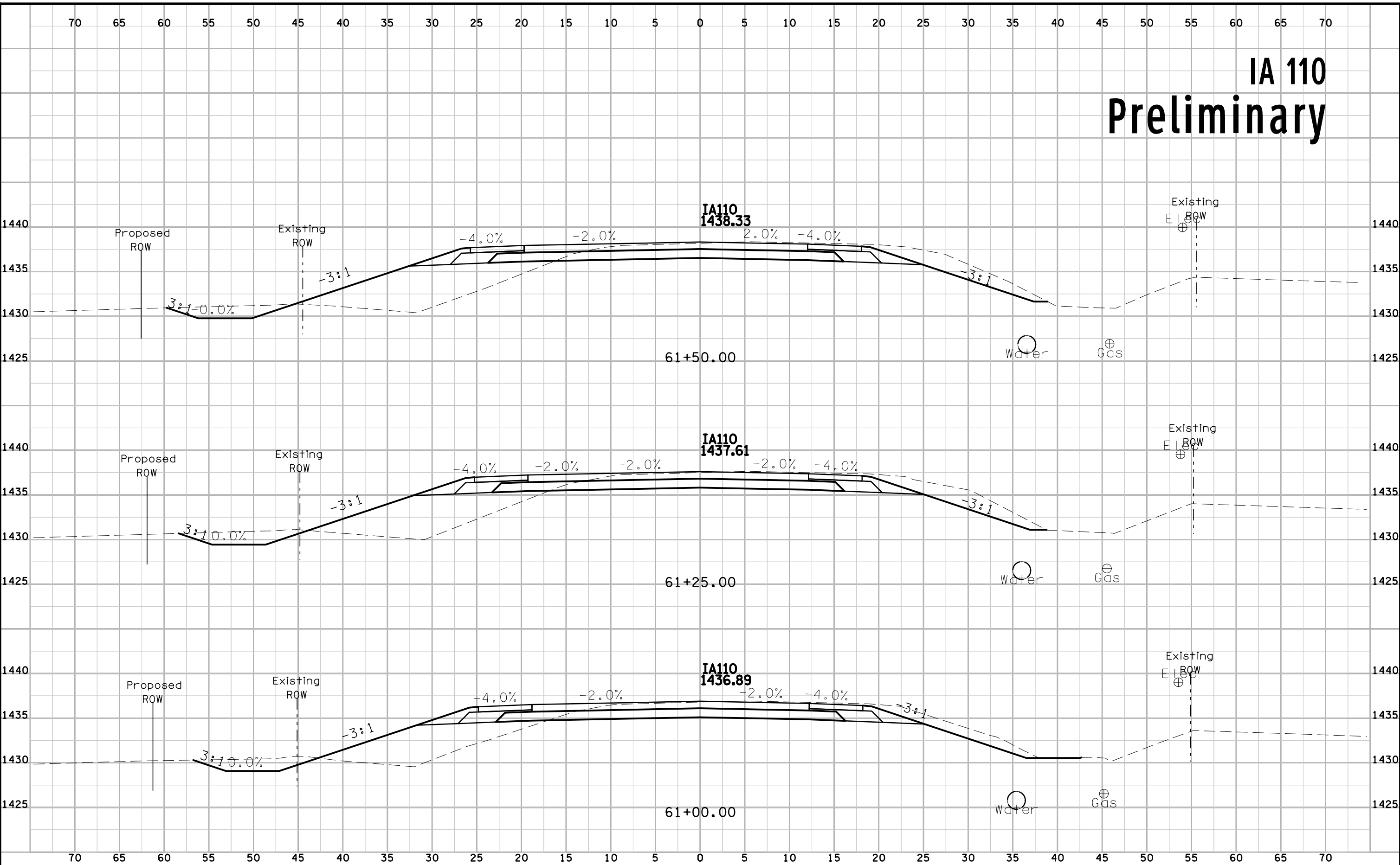
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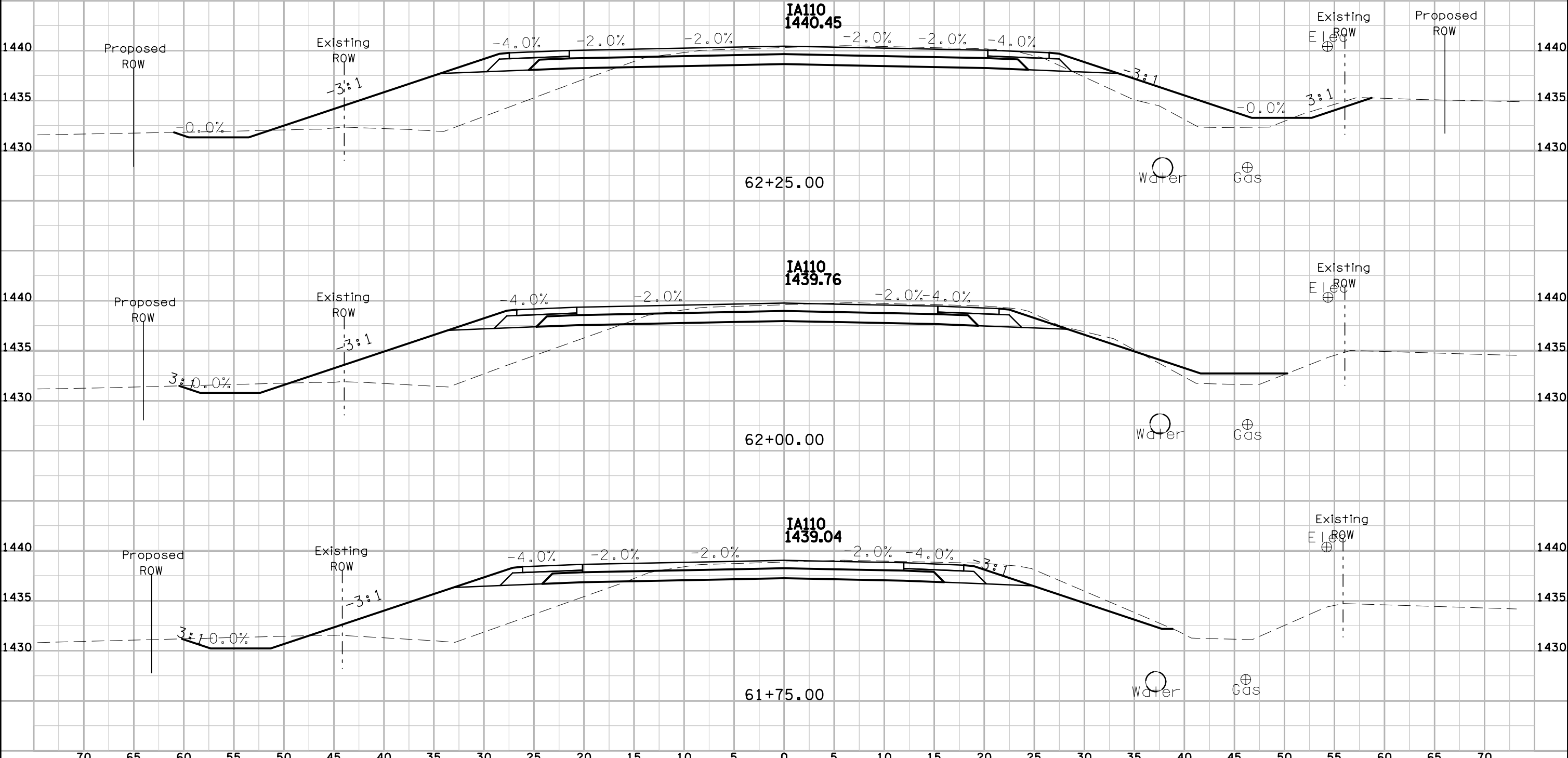
IA 110 Preliminary



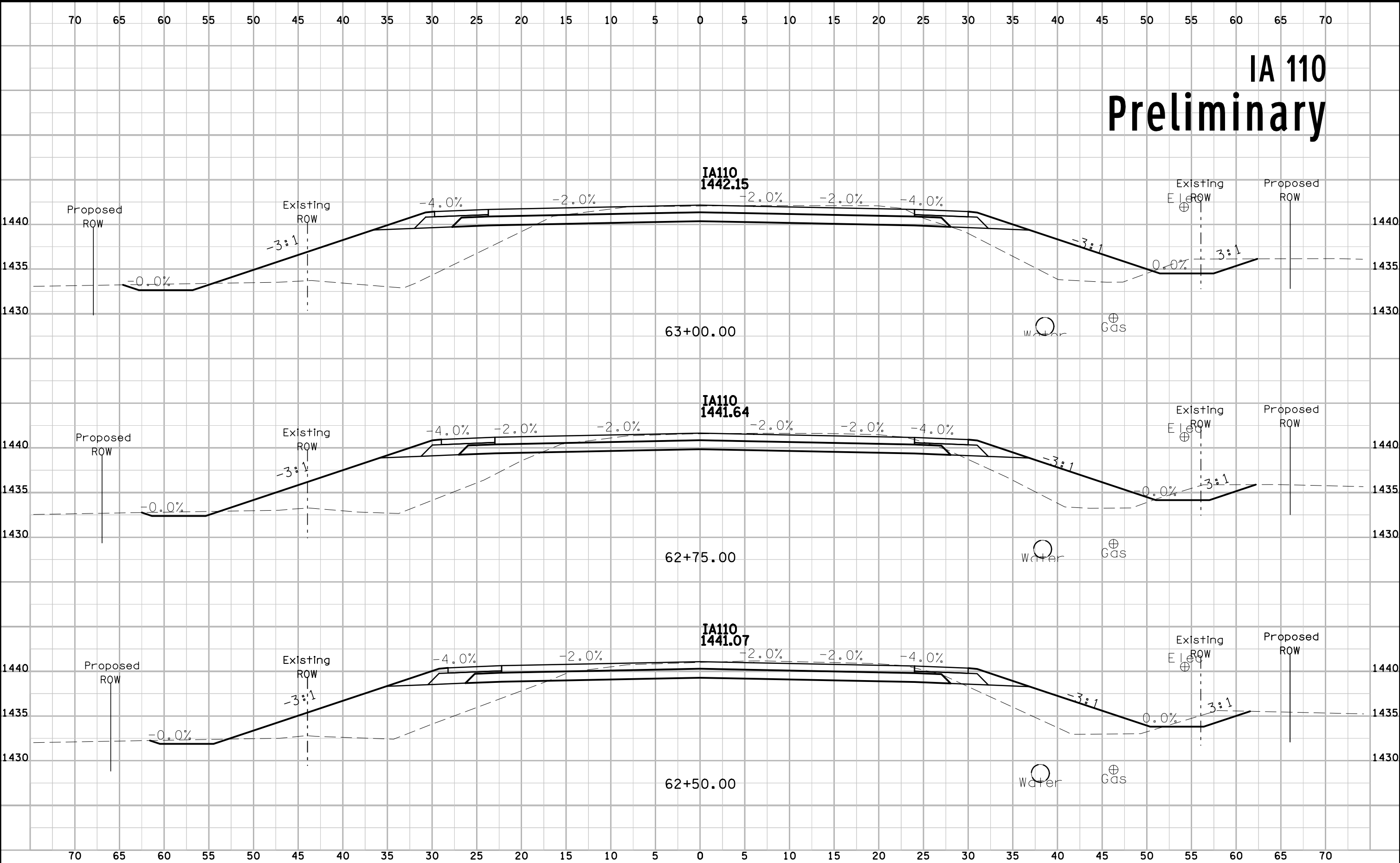
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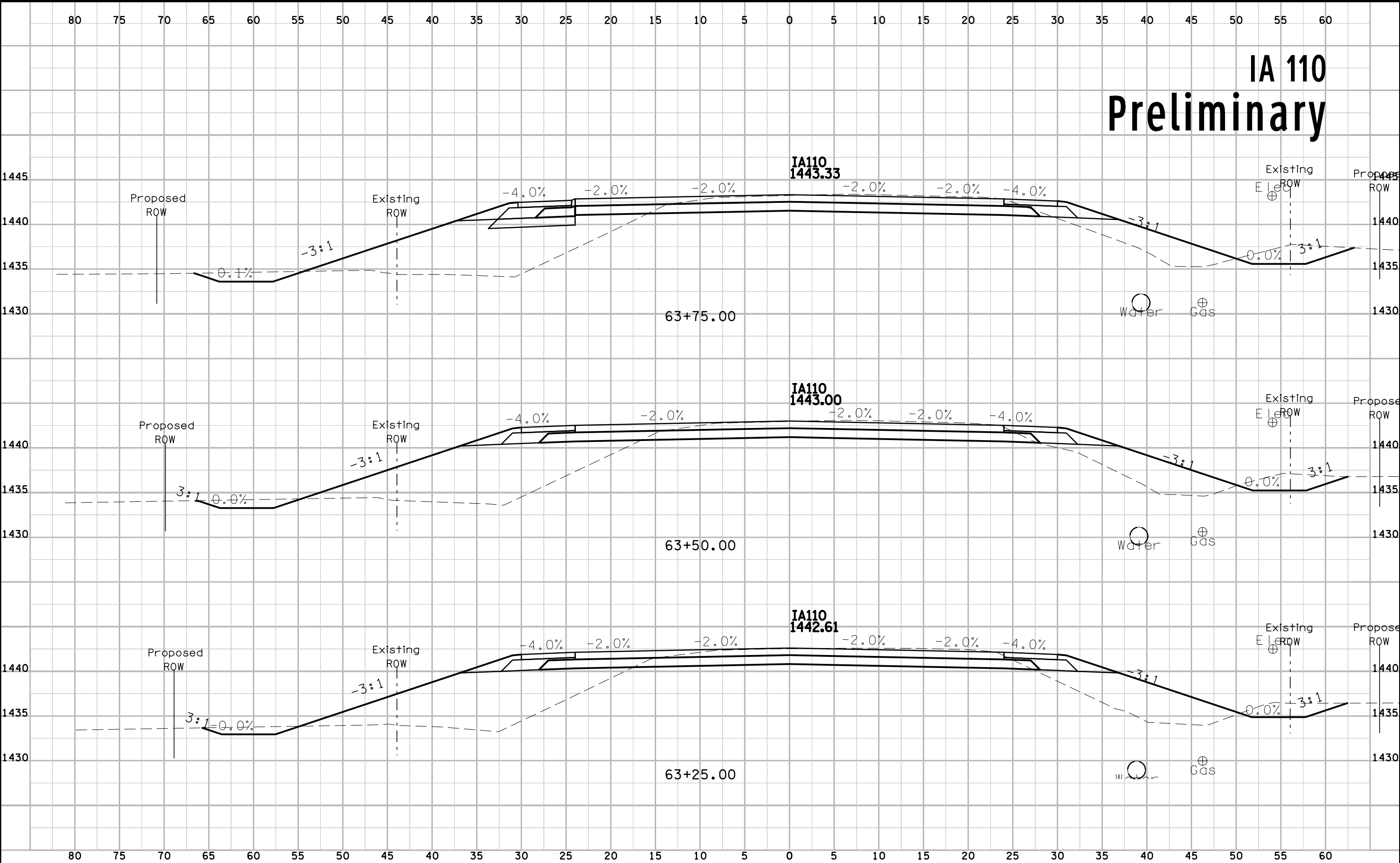
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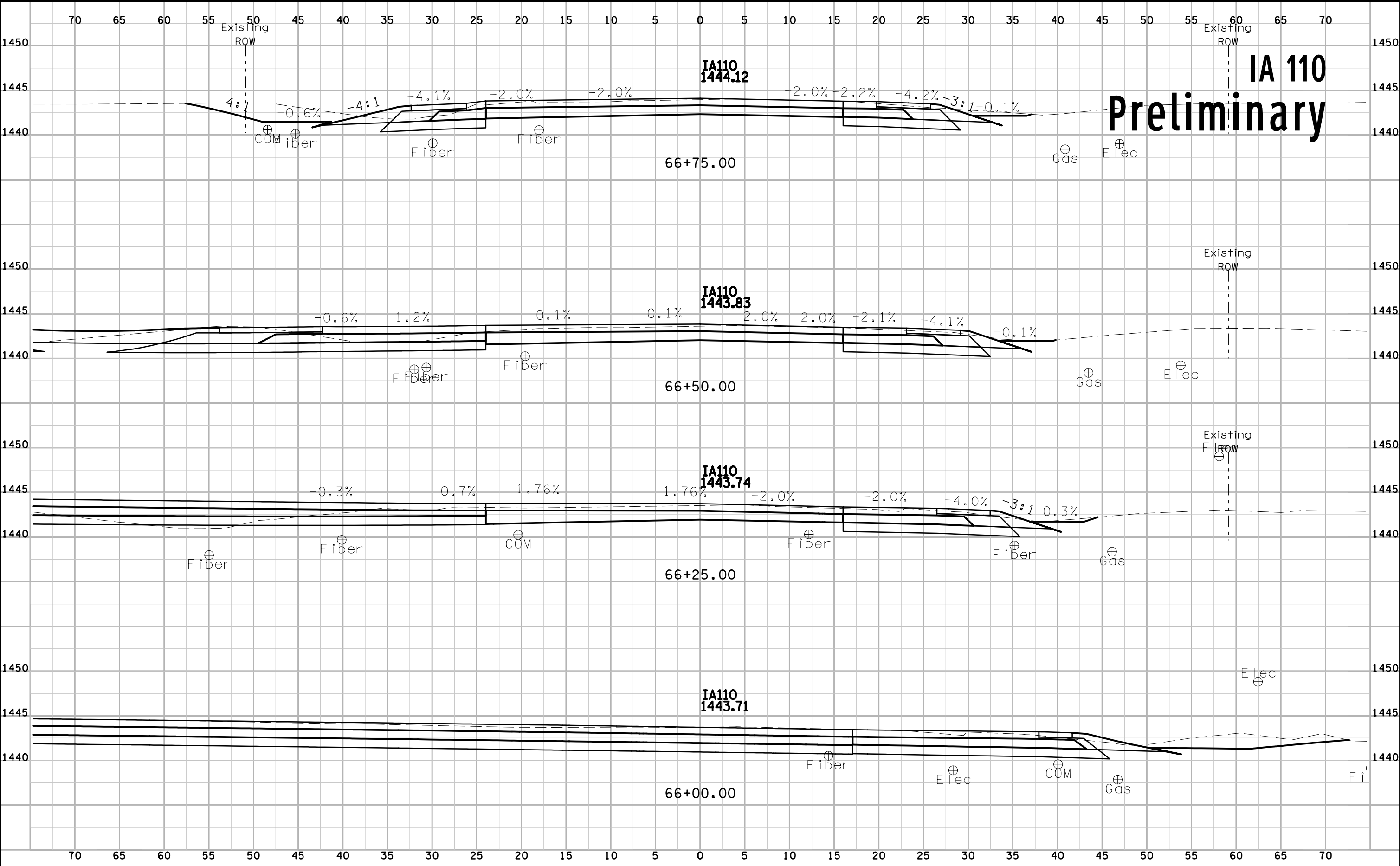


IA 110 Preliminary

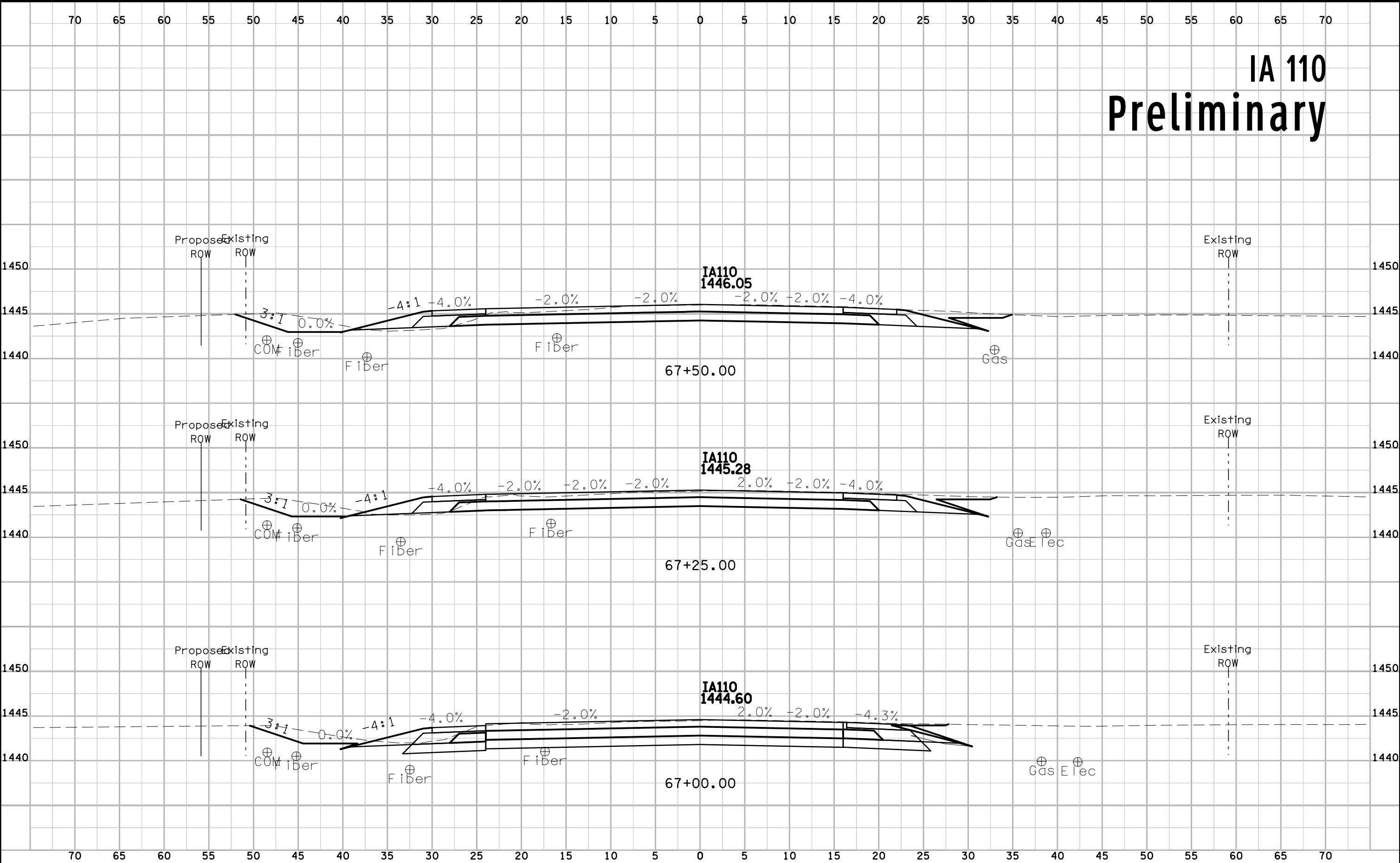


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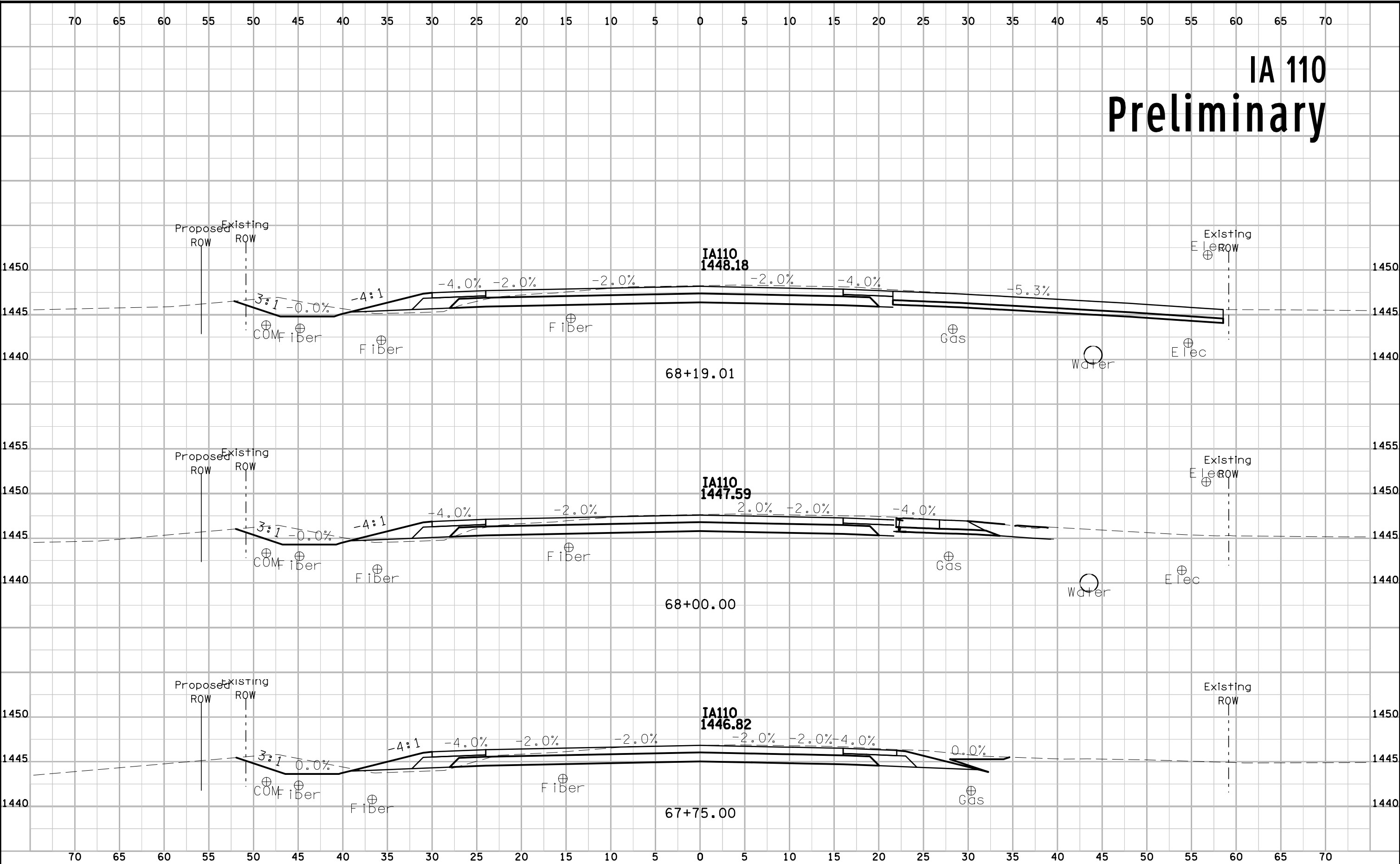




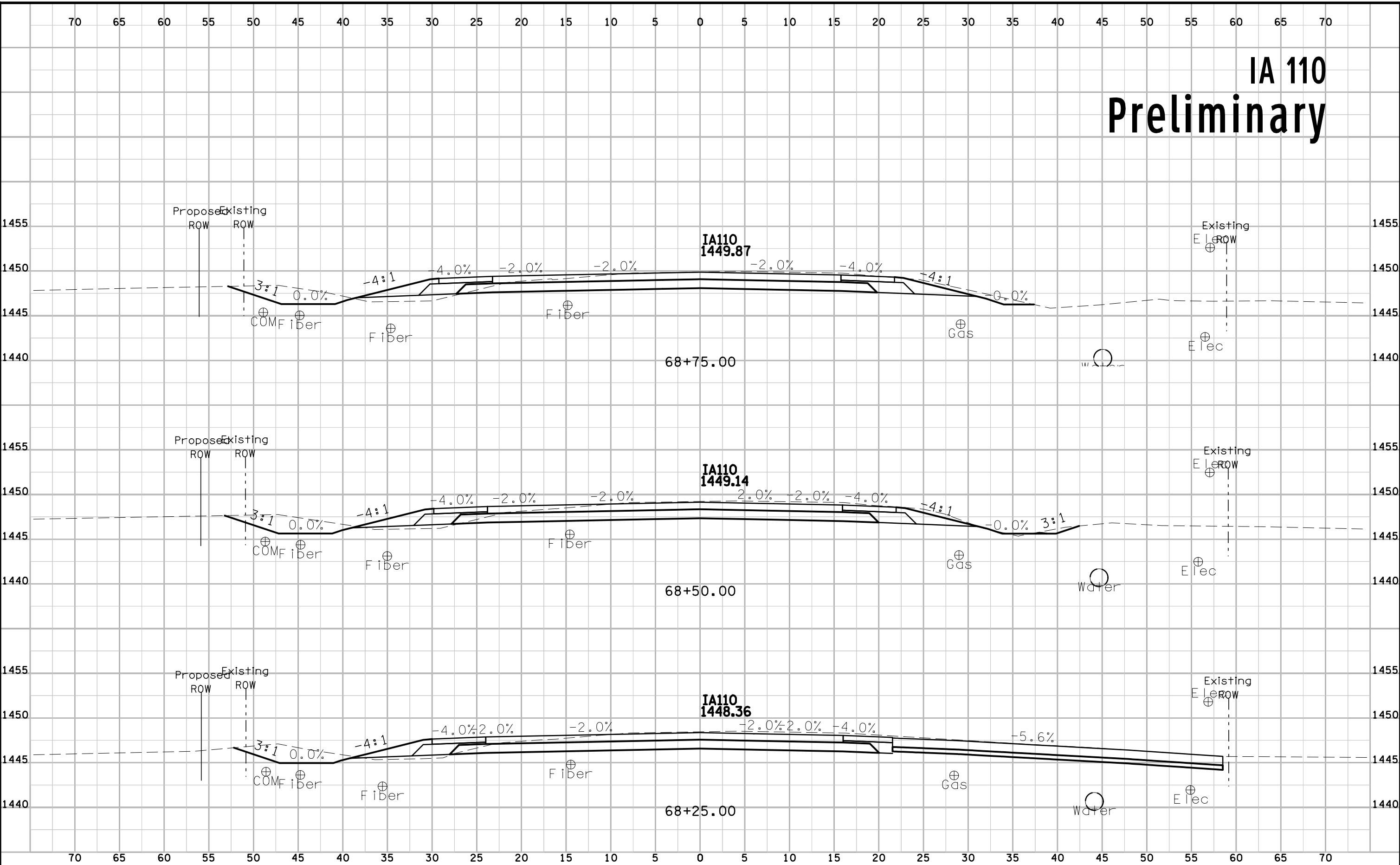
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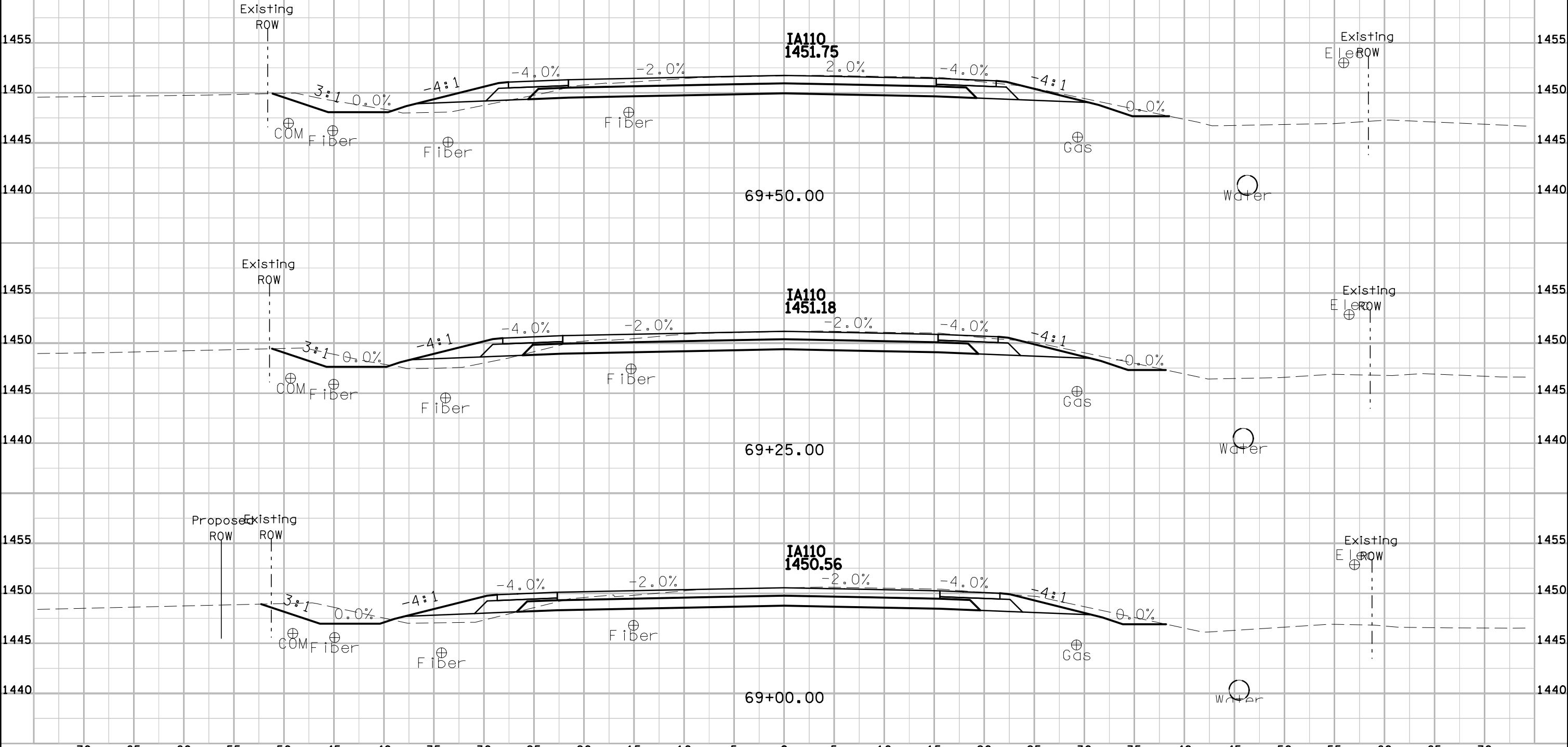
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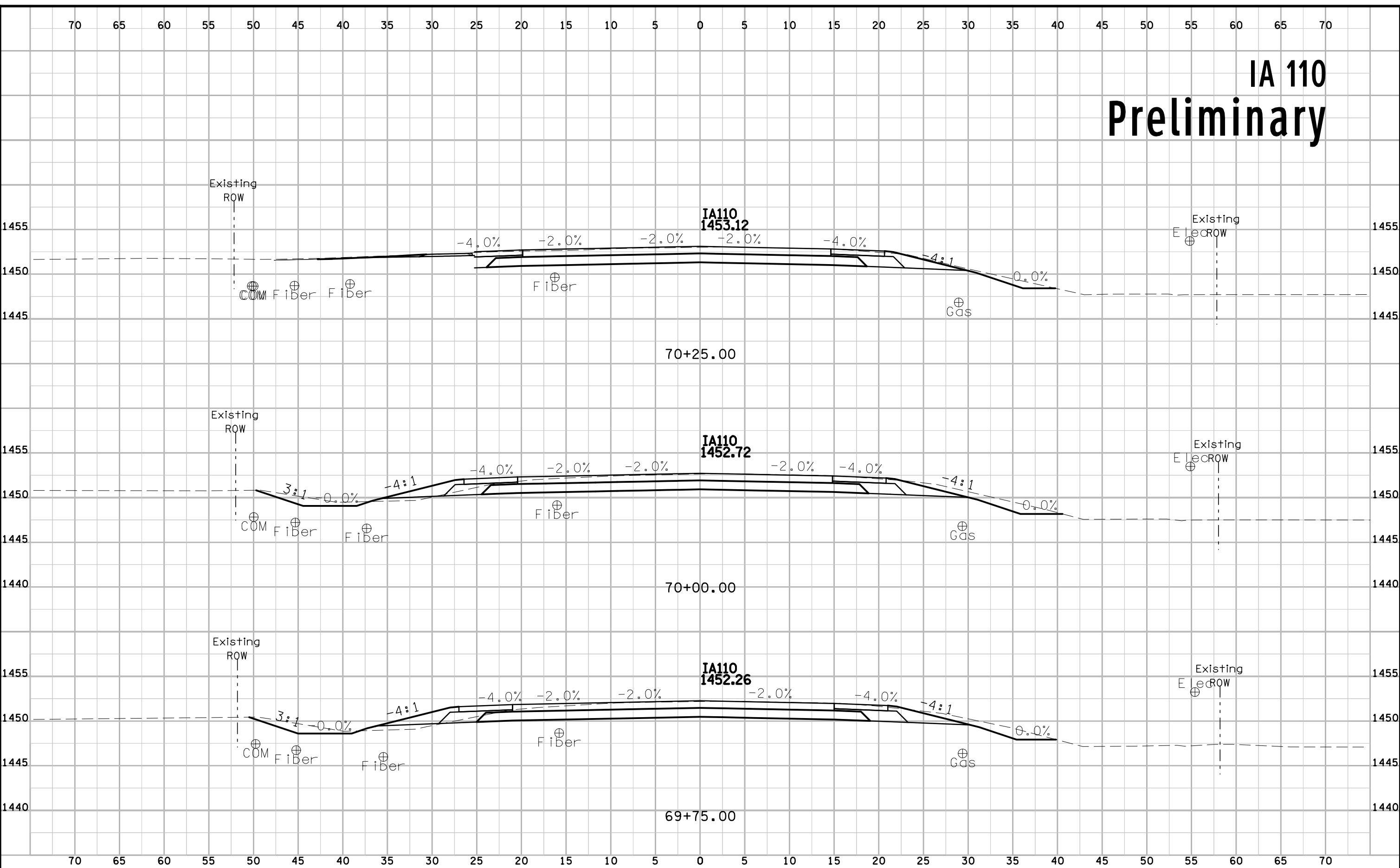
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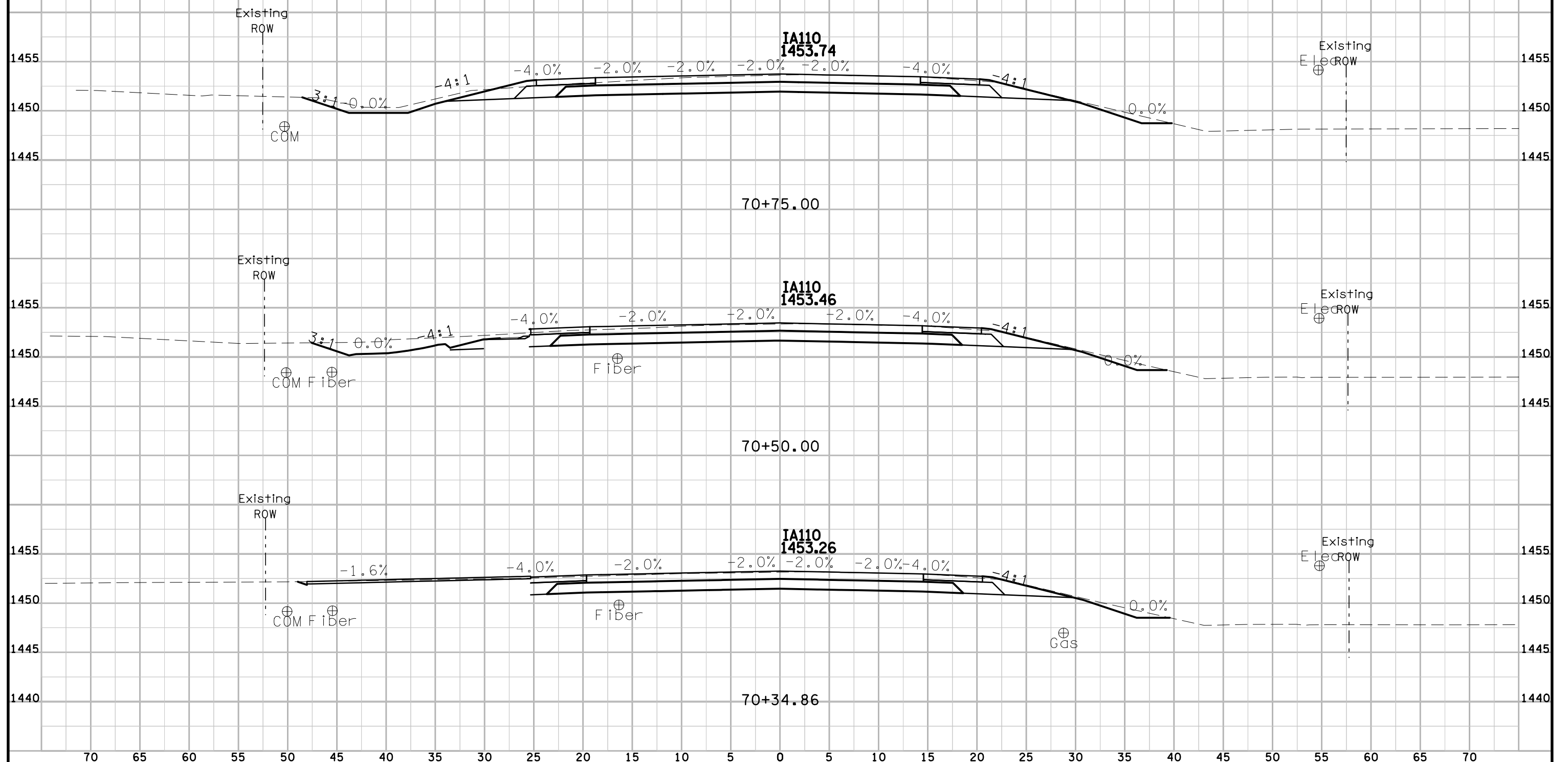
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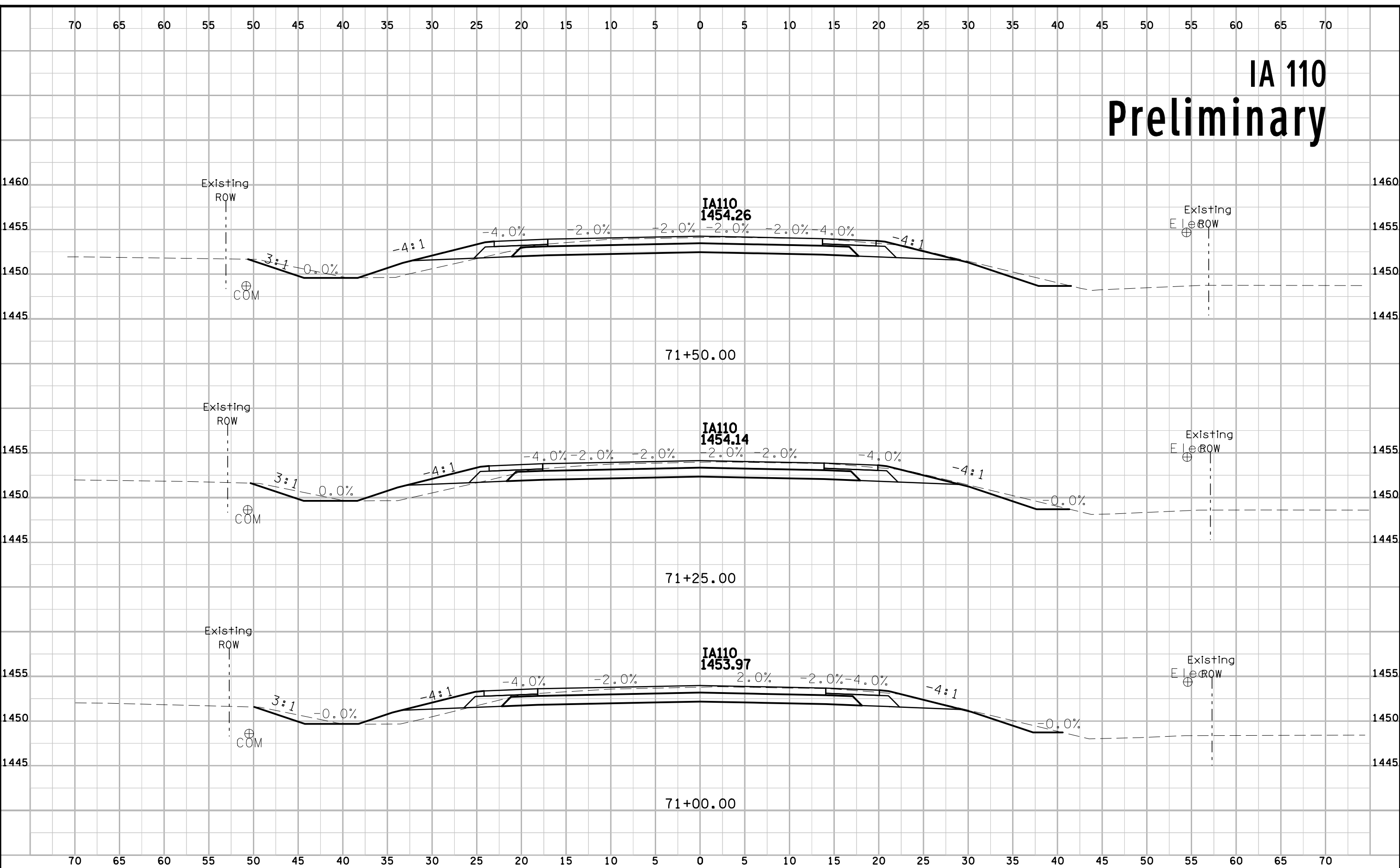
IA 110
Preliminary



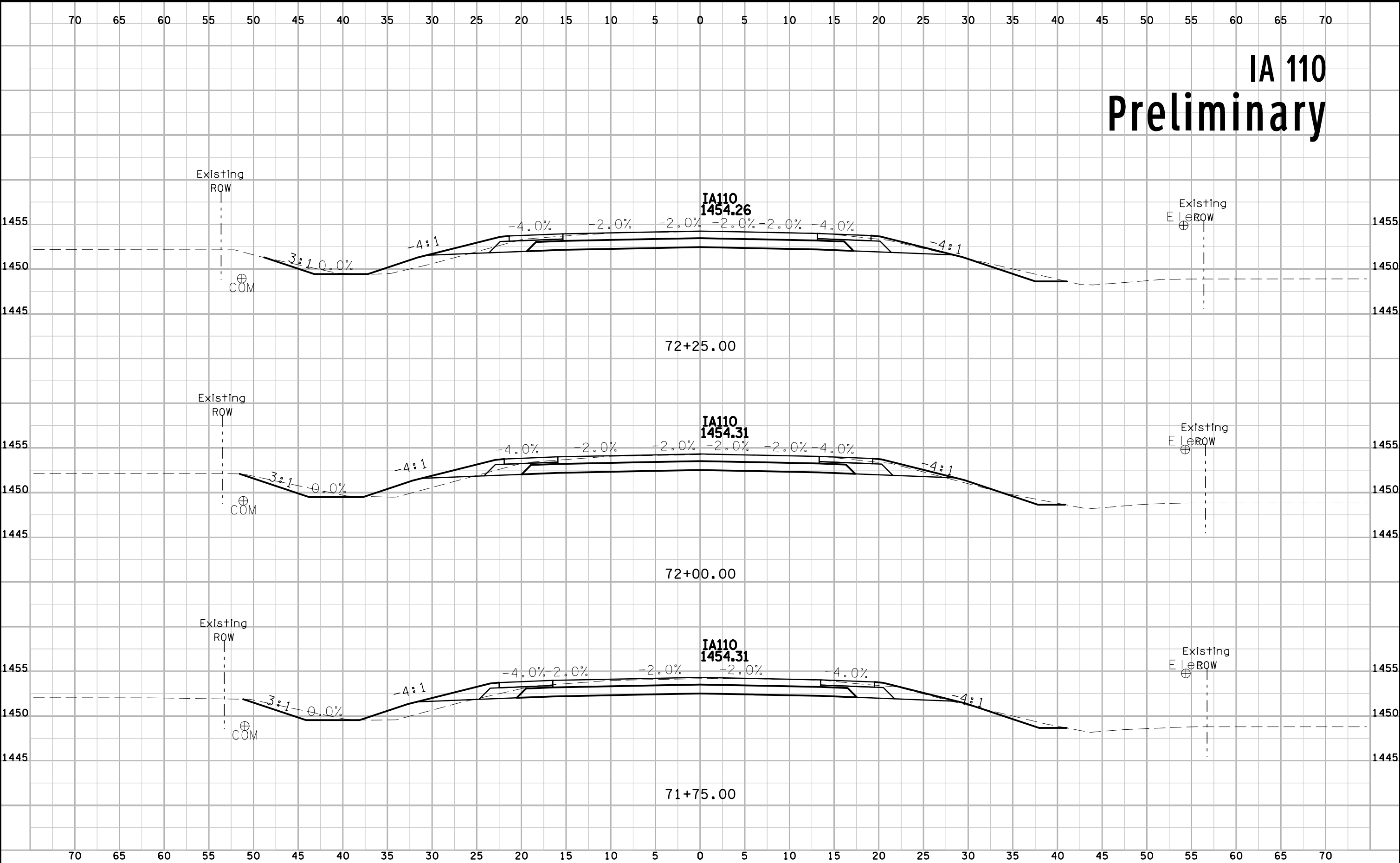
IA 110 Preliminary

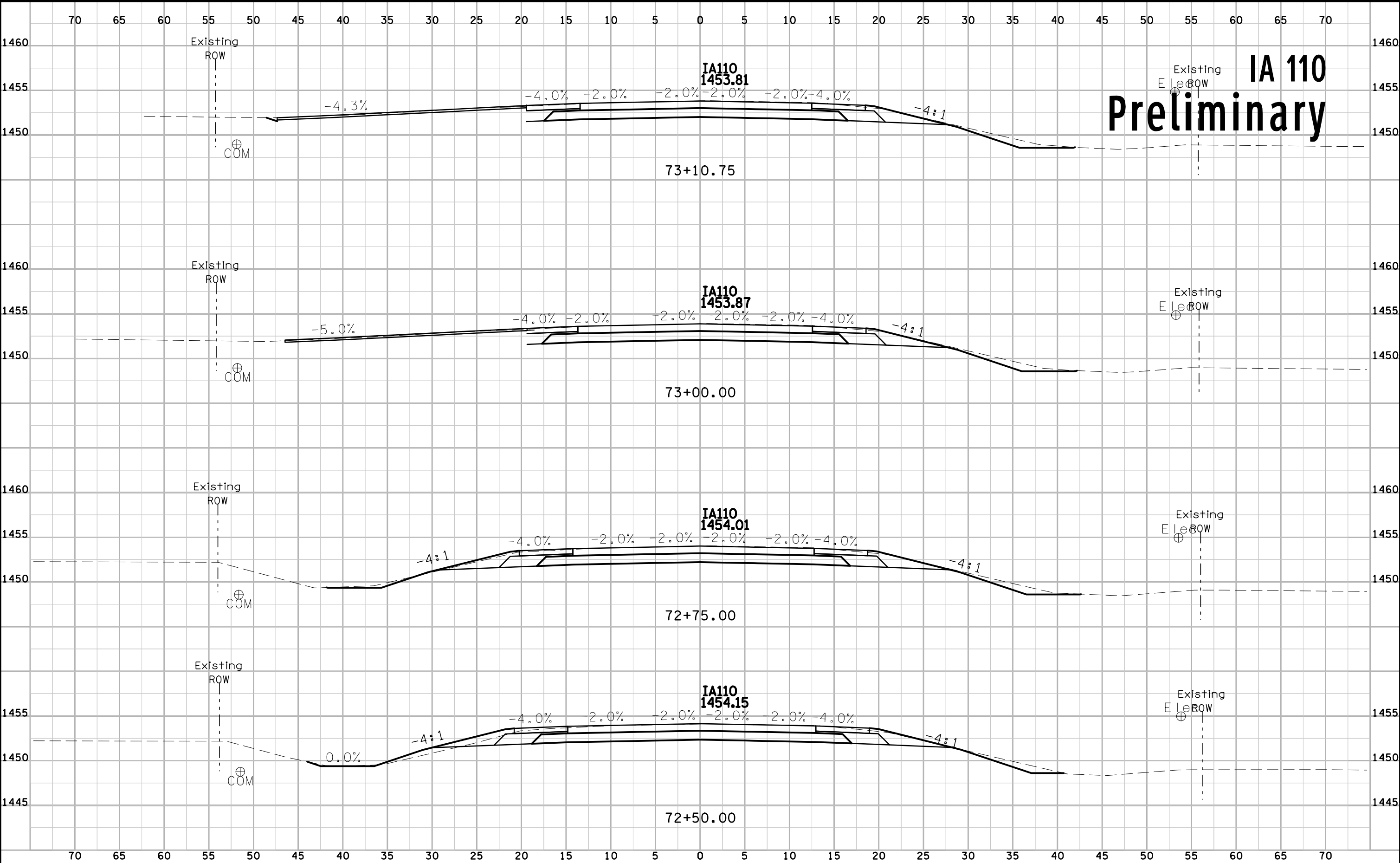


IA 110 Preliminary

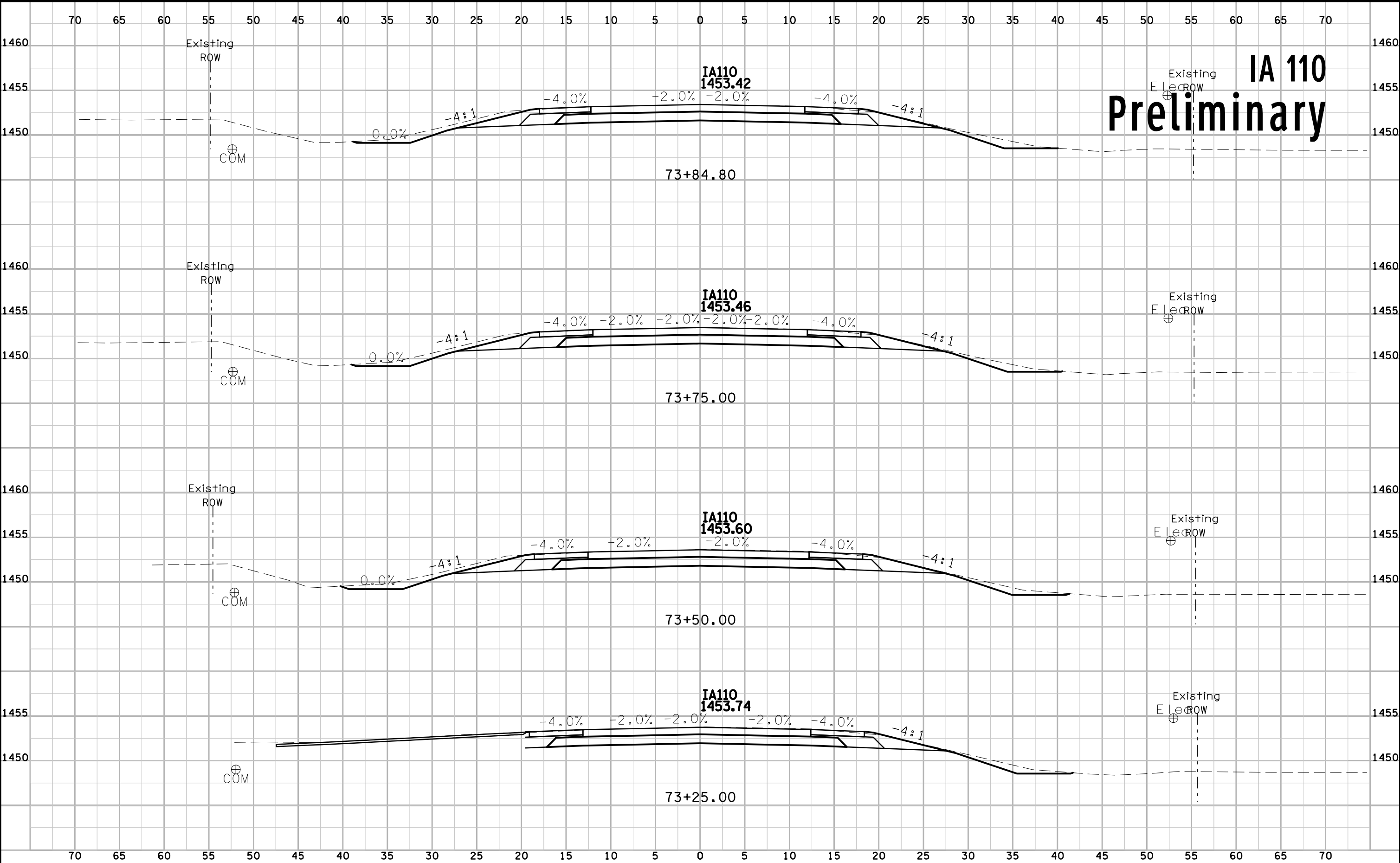


IA 110
Preliminary





IA 110
Preliminary



IA 110
Preliminary

ENGINEER'S ESTIMATE

HIGHWAY 7 & 110 INTERSECTION UPGRADE PROJECT
STPN-007-2(35)--2J-11
CITY OF STORM LAKE, IA
BMI PROJECT NO. P11.120411



Date: 1/17/2022

Item No.	Iowa DOT Spec No.	Item	Notes	Estimated Quantity	Unit	Unit Price	Total Amount
BASE BID							
1	2102-0425071	SPECIAL BACKFILL		8416	CY	\$33.50	\$281,936.00
2	2102-2625000	EMBANKMENT-IN-PLACE		3685	CY	\$22.00	\$81,070.00
3	2102-2713070	EXCAVATION, CLASS 13, ROADWAY AND BORROW		8325	CY	\$6.00	\$49,950.00
4	2105-8425015	TOPSOIL, STRIP, SALVAGE AND SPREAD		6650	CY	\$6.00	\$39,900.00
5	2107-0875000	COMPACTION WITH MOISTURE AND DENSITY CONTROL		4460	CY	\$1.50	\$6,690.00
6	2109-8225100	SPECIAL COMPACTION OF SUBGRADE		36	STA	\$560.00	\$20,160.00
7	2113-0001000	SUBGRADE STABILIZATION MATERIAL, POLYMER GRID		10580	SY	\$2.50	\$26,450.00
8	2115-0100000	MODIFIED SUBBASE		6404	CY	\$40.00	\$256,160.00
9	2122-5190007	PAVED SHOULDER, P.C. CONCRETE, 7 IN.		3360	SY	\$50.00	\$168,000.00
10	2123-7450020	SHOULDER FINISHING, EARTH		71	STA	\$211.80	\$15,038.08
11	2301-1033095	STANDARD OR SLIP FORM PORTLAND CEMENT CONCRETE PAVEMENT, CLASS C, CLASS 3 DURABILITY, 9.5 IN.		15453	SY	\$60.00	\$927,180.00
12	2315-8275025	SURFACING, DRIVEWAY, CLASS A CRUSHED STONE		33	TON	\$30.00	\$990.00
13	2316-0000110	PAYMENT ADJUSTMENT INCENTIVE/DISINCENTIVE FOR PCC PAVEMENT SMOOTHNESS (BY SCHEDULE)		1	EACH	\$5,000.00	\$5,000.00
14	2401-6745359	REMOVAL OF CONCRETE FOUNDATIONS OF LIGHT POLES		2	EACH	\$550.00	\$1,100.00
15	2401-6745765	REMOVAL OF LIGHT POLES		2	EACH	\$475.00	\$950.00
16	2402-2720100	EXCAVATION, CLASS 20, FOR ROADWAY PIPE CULVERT		100	CY	\$35.00	\$3,500.00
17	2416-0100018	APRONS, CONCRETE, 18 IN. DIA.		1	EACH	\$1,000.00	\$1,000.00
18	2416-0100024	APRONS, CONCRETE, 24 IN. DIA.		2	EACH	\$1,200.00	\$2,400.00
19	2416-0102230	APRON, LOW CLEARANCE CONCRETE, EQUIVALENT DIAMETER 30 IN.		2	EACH	\$1,800.00	\$3,600.00
20	2416-1180018	CULVERT, CONCRETE ROADWAY PIPE, 18 IN. DIA.		82	LF	\$65.00	\$5,330.00
21	2416-1180024	CULVERT, CONCRETE ROADWAY PIPE, 24 IN. DIA.		70	LF	\$80.00	\$5,600.00
22	2416-1200230	CULVERT, LOW CLEARANCE CONCRETE ROADWAY PIPE, EQUIVALENT DIAMETER 30 IN.		120	LF	\$150.00	\$18,000.00
23	2435-0251224	INTAKE, SW-512, 24 IN.		1	EACH	\$3,000.00	\$3,000.00
24	2435-0600020	MANHOLE ADJUSTMENT, MAJOR		2	EACH	\$700.00	\$1,400.00
25	2502-8212034	SUBDRAIN, LONGITUDINAL, (SHOULDER) 4 IN. DIA.		6540	LF	\$8.00	\$52,320.00
26	2502-8221306	SUBDRAIN OUTLET, DR-306		16	EACH	\$400.00	\$6,400.00
27	2503-0200036	REMOVE STORM SEWER PIPE LESS THAN OR EQUAL TO 36 IN.		190	LF	\$15.00	\$2,850.00
28	2510-6745850	REMOVAL OF PAVEMENT		12610	SY	\$7.00	\$88,270.00
29	2515-2475006	DRIVEWAY, P.C. CONCRETE, 6 IN.		270	SY	\$60.00	\$16,200.00
30	2515-6745600	REMOVAL OF PAVED DRIVEWAY		288	SY	\$10.00	\$2,880.00
31	2517-4225210	RAILROAD APPROACH SECTION, P.C.C.		2120	SY	\$100.00	\$212,000.00
32	2519-4200090	REMOVAL AND REINSTALLATION OF FENCE, FIELD		90	LF	\$10.00	\$900.00
33	2524-6765010	REMOVE AND REINSTALL SIGN AS PER PLAN		9	EACH	\$150.00	\$1,350.00
34	2524-6765110	REMOVAL OF TYPE A SIGN		55	EACH	\$25.00	\$1,375.00
35	2524-9276010	PERFORATED SQUARE STEEL TUBE POSTS		383	LF	\$10.00	\$3,830.00
36	2524-9276021	PERFORATED SQUARE STEEL TUBE POST ANCHOR, BREAK-AWAY SOIL INSTALLATION		61	EACH	\$85.00	\$5,185.00
37	2524-9325001	TYPE A SIGNS, SHEET ALUMINUM		259	SF	\$32.00	\$8,288.00
38	2525-0000100	TRAFFIC SIGNALIZATION		1	LS	\$300,000.00	\$300,000.00
39	2527-9263118	PAINTED PAVEMENT MARKINGS, WATERBORNE OR SOLVENT		235	STA	\$12.00	\$2,820.00
40	2527-9263146	PAINTED SYMBOLS AND LEGENDS, WATERBORNE OR SOLVENT		16	EACH	\$500.00	\$8,000.00
41	2528-2518000	SAFETY CLOSURE		4	EACH	\$150.00	\$600.00
42	2528-8445110	TRAFFIC CONTROL		1	LS	\$30,000.00	\$30,000.00
43	2528-8445113	FLAGGERS		2	EACH	\$750.00	\$1,500.00
44	2533-4980005	MOBILIZATION		1	LS	\$75,000.00	\$75,000.00
45	2554-0212030	VALVE BOX REPLACEMENT		1	EACH	\$350.00	\$350.00
46	2555-0000010	DELIVER AND STOCKPILE SALVAGED MATERIALS		1	LS	\$1,000.00	\$1,000.00

ENGINEER'S ESTIMATE

HIGHWAY 7 & 110 INTERSECTION UPGRADE PROJECT
STPN-007-2(35)--2J-11
CITY OF STORM LAKE, IA
BMI PROJECT NO. P11.120411



Date: 1/17/2022

Item No.	Iowa DOT Spec No.	Item	Notes	Estimated Quantity	Unit	Unit Price	Total Amount
47	2595-0005120	RAILROAD PROTECTIVE LIABILITY INSURANCE FOR CHICAGO, CENTRAL AND PACIFIC RAILROAD / CEDAR RIVER RAILROAD COMPANY		1	LS	\$3,250.00	\$3,250.00
48	2599-9999005	TILE REPAIR		3	EACH	\$1,000.00	\$3,000.00
49	2599-9999007	EXPLORATORY EXCAVATION		6	HOUR	\$250.00	\$1,500.00
50	2601-2636043	SEEDING AND FERTILIZING (RURAL)		2.2	ACRE	\$700.00	\$1,540.00
51	2601-2636044	SEEDING AND FERTILIZING (URBAN)		1.1	ACRE	\$2,000.00	\$2,200.00
52	2601-2642120	STABILIZING CROP - SEEDING AND FERTILIZING (URBAN)		3.3	ACRE	\$300.00	\$990.00
53	2602-0000020	SILT FENCE		2341	LF	\$3.00	\$7,023.00
54	2602-0000071	REMOVAL OF SILT FENCE OR SILT FENCE FOR DITCH CHECKS		1171	LF	\$1.00	\$1,171.00
55	2602-0000101	MAINTENANCE OF SILT FENCE OR SILT FENCE FOR DITCH CHECK		234	LF	\$3.00	\$702.00
56	2602-0000150	STABILIZED CONSTRUCTION ENTRANCE, EC-303		200	LF	\$40.00	\$8,000.00
57	2602-0000320	PERIMETER AND SLOPE SEDIMENT CONTROL DEVICE, 20 IN. DIA.		4862	LF	\$5.00	\$24,310.00
58	2602-0000351	REMOVAL OF PERIMETER AND SLOPE OR DITCH CHECK SEDIMENT CONTROL DEVICE		5882	LF	\$1.00	\$5,882.00
59	2602-0000370	DITCH CHECK SEDIMENT CONTROL DEVICE, 20 IN. DIA.		1020	LF	\$6.25	\$6,375.00
60	2602-0010010	MOBILIZATIONS, EROSION CONTROL		1	EACH	\$500.00	\$500.00
61	2602-0010020	MOBILIZATIONS, EMERGENCY EROSION CONTROL		1	EACH	\$1,000.00	\$1,000.00
ESTIMATED PROJECT TOTAL:							<u>\$2,812,965.08</u>

Staff Summary

1/17/2022

Agenda Item # 9.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Tyler Gibbins, Staff Accountant

SUBJECT: **Motion to Approve Amendment No. 2 With The Iowa Department of Agriculture and Land Stewardship (IDALS) Urban Conservation Water Quality Initiative Project- Storm Lake Community School District Courtyard Project**

BACKGROUND: The Storm Lake Community School District Ecology Class received a grant from IDALS Urban Conservation Water Quality Initiative to reconstruct the the Courtyard at the high school which includes rain gardens and permeable pavers.

On April 6th, 2020 the City Council approved the request by IDALS to be the fiscal sponsor for the Storm Lake Community School District Courtyard Project.

Amendment No. 1 changing the completion date to June 30, 2022 was approved on May 17th, 2021.

Amendment No. 2 is in response to increased costs related to materials and construction of the hardscape. This amendment will increase the total award amount by \$12,914 totaling \$62,914. This project requires a 50% match by the Ecology Class.

FISCAL IMPACT: The Ecology Class, through partnerships with the Storm Lake Community School District and Storm Lake Foundation, have the matching funds for this amendment. No City Funds will result from this amendment.

RECOMMENDATION: Approve amendment No. 2 and authorize the Mayor and City Clerk to sign documents related to the amendment.

ATTACHMENTS:

Description	Type
Urban20WQI-004 Amendment #2	Contract
Project Progress Presentation	Backup Material

WATER QUALITY INITIATIVE
Urban Conservation Demonstration Projects

CONTRACT NUMBER:	URBAN20WQI-004
Project Name:	Storm Lake High School Courtyard Conservation Project

COST-SHARE GRANT CONTRACT AMENDMENT #2

BETWEEN IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP
(IDALS)

AND CITY OF STORM LAKE

This amendment is entered into by the Iowa Department of Agriculture and Land Stewardship; hereinafter referred to as IDALS, and the City of Storm Lake; hereinafter referred to as the Grantee.

I. Relative to the Storm Lake High School Courtyard Conservation Project

II. Purpose of the Amendment

- A. In response to the Recipient's request to amend the project funding level to cover additional material and construction costs of \$12,914. This amendment will hereby incorporate Exhibit B, Revised Project Budget, as approved by IDALS, into the Cost-Share Grant Contract.

The Total Award amount will be increased from \$50,000 to \$62,914.

- B. This Amendment does not change any other provisions of the agreement.

III. Effective Date of this Amendment

This amendment takes effect upon signature by all parties below.

CITY OF STORM LAKE:

Authorized Representative

Date

FOR IDALS:

Julie Kenney, Deputy Secretary of Agriculture

Date

Exhibit B Budget

Component	Total	IDALS/ WQI	Local Match Amount	Match Source(s)
Practices (list & number)				
1. Rain Gardens	\$69,828	\$34,914	\$34,914	<u>Local, Partner, In-Kind</u>
2. Permeable Pavers	\$56,000	\$28,000	\$28,000	<u>Local, Partner, In-Kind</u>
3.	\$	\$	\$	
4.	\$	\$	\$	
5.	\$	\$	\$	
6.	\$	\$	\$	
(add lines as needed)	\$	\$	\$	
TOTALS	\$125,828	\$62,914	\$62,914	

SLHS Courtyard Progress

Jan 2022

Northeast Corner (View From)- comparison



North Wall Area- comparison



NW Corner View

*Looking to
South Wall*

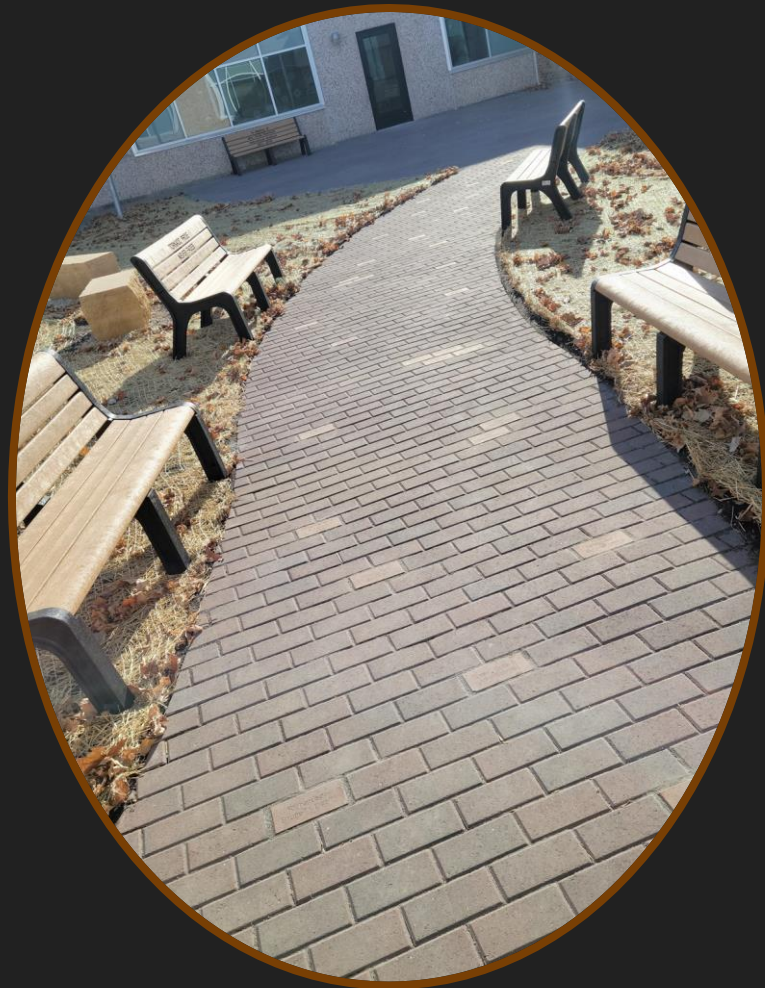












Staff Summary

1/17/2022

Agenda Item # 10.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Tyler Gibbins, Staff Accountant

SUBJECT: **Resolution No. 58-R-2021-2022 Approving Final Completion, Change Order No. 2, and Final Payment for the Storm Lake Community School District Courtyard Project**

BACKGROUND: The Storm Lake Community School District Ecology Class received a grant from IDALS Urban Conservation Water Quality Initiative to reconstruct the Courtyard at the high school which includes rain gardens and permeable pavers. On April 6th, 2020, the City Council approved the request by IDALS to be the fiscal sponsor for the Storm Lake Community School District Courtyard Project.

The original contract was entered into on September 7th, 2021 with Molitor Construction for the hardscape portion of the project in the amount of \$73,199. At the time of implementation some costs associated with stone seat benches and other construction material were unavailable due to supply chain shortages and change order #1 was approved in the amount of \$4,431 for said stone seat benches.

Change order No 2 includes costs associated with additional material hauling and paver work in the amount of \$12,914.06 for a total construct price of \$90,544.06. An amendment to the IDALS Cost Share Contract includes these increased costs as part of the total award.

The attached Certificate of Substantial completion notes all work has been complete.

FISCAL IMPACT: The IDALS grant is a cost share at 50% which will the Ecology Class, through partnerships with the Storm Lake Community School District and Storm Lake Foundation, have the matching funds for the final completion of this project.

RECOMMENDATION: Approve Resolution No. 58-R-2021-2022 Approving Final

Completion, Change Order No. 2, and Final Payment for the
Storm Lake Community School District Courtyard Project

ATTACHMENTS:

Description	Type
▣ Substantial Completion	Backup Material
▣ Change Order No. 2	Change Order
▣ Resolution No. 58-R-2021-2022	Resolution
▣ Project Progress Presentation	Backup Material
▣ Payment No. 3	Backup Material

CERTIFICATE OF SUBSTANTIAL COMPLETION

Owner: City of Storm Lake/ Storm Lake H.S. Owner's Project No.:
Engineer: Emmons & Olivier Resources, Inc. Engineer's Project No.: 01112-0035
Contractor: Molitor Construction Contractor's Project No.:
Project: Storm Lake High School Courtyard
Contract Name:

This ☐ Preliminary ☒ Final Certificate of Substantial Completion applies to:

☒ All Work ☐ The following specified portions of the Work:

Date of Substantial Completion: **December 31, 2021**

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, and Engineer, and found to be substantially complete. The Date of Substantial Completion of the Work or portion thereof designated above is hereby established, subject to the provisions of the Contract pertaining to Substantial Completion. The date of Substantial Completion in the final Certificate of Substantial Completion marks the commencement of the contractual correction period and applicable warranties required by the Contract.

~~A punch list of items to be completed or corrected is attached to this Certificate. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.~~

Amendments of contractual responsibilities recorded in this Certificate should be the product of mutual agreement of Owner and Contractor; see Paragraph 15.03.D of the General Conditions.

The responsibilities between Owner and Contractor for security, operation, safety, maintenance, heat, utilities, insurance, and warranties upon Owner's use or occupancy of the Work must be as provided in the Contract, except as amended as follows:

Amendments to Owner's Responsibilities: ☐ None ☒ As follows:

Owner has taken possession of shade sails and agrees to install them on posts in the courtyard after snow melts in the spring.

Amendments to Contractor's Responsibilities: ☒ None ☐ As follows:

The following documents are attached to and made a part of this Certificate:

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents, nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract Documents.

Engineer

By (signature):



Name (printed): Britta Hansen, PLA

Title: Landscape Architect and Project Manager

CHANGE ORDER NO.02

Owner: City of Storm Lake/ Storm Lake H.S. Owner's Project No.:
Engineer: Emmons & Olivier Resources, Inc. Engineer's Project No.: 1112-0035
Contractor: Molitor Construction Contractor's Project No.:
Project: Storm Lake High School Courtyard
Contract Name:
Date Issued: 1/6/2022 Effective Date of Change Order: 1/17/2022

The Contract is modified as follows upon execution of this Change Order:

Description:

Additional hauling of material from site 60 CY @ \$150 per yard = \$9000. Plus \$3,914.06 for additional paver work. All CO cost to be covered by IDALS grant funding. Storm Lake HS to provide match for additional IDALS funding.

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ 73,199.00	Original Contract Times: Substantial Completion: _____ Ready for final payment: _____
Increase from previously approved Change Orders No. 1 to No. [Number of previous Change Order] : \$ 4,431.00	[Increase] [Decrease] from previously approved Change Orders No.1 to No. [Number of previous Change Order] : Substantial Completion: _____ Ready for final payment: _____
Contract Price prior to this Change Order: \$ 77,630.00	Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____
Increase this Change Order: \$ 12,914.06	[Increase] [Decrease] this Change Order: Substantial Completion: _____ Ready for final payment: _____
Contract Price incorporating this Change Order: \$ 90,544.06	Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for final payment: _____

Recommended by Engineer (if required)	Accepted by Contractor
By: Britta Hansen, PLA	_____
Title: Landscape Architect & Project Manager	_____
Date: January 6, 2022	_____
Authorized by Owner	Approved by Funding Agency (if applicable)
By: _____	_____
Title: _____	_____
Date: _____	_____

RESOLUTION NO. 58-2021-2022

**RESOLUTION ADOPTING FINAL COMPLETION, CHANGE ORDER #2, AND FINAL
PAYMENT FOR THE STORM LAKE COMMUNITY SCHOOL DISTRICT
COURTYARD PROJECT**

WHEREAS, the CITY became the fiscal sponsor of the Storm Lake Community School District Courtyard Project on April 6th, 2020; and

WHEREAS, the plans, specifications, form of contract, estimate of cost, and award bid were filed with the CITY for the construction of certain public improvements described in general as the Storm Lake Community School District Courtyard Project; and

WHEREAS, notice of hearing on plans, specifications, form of contract and estimate of cost for said public improvements was published as required by law; and

WHEREAS, a contract in the amount of \$73,199 was awarded to Molitor Construction, Inc for the project; and

WHEREAS, Change Order No. 1 increased the project cost in the amount of \$4,431 for a total contract amount of \$77,630; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF STORM LAKE, IOWA;

Section 1. To approve Change Order No. 2 to the contract for work performed by Molitor Construction for an increase of \$12,914.06 to the contract for a total contact amount of \$90,544.06.

Section 2. That the Mayor and Clerk are hereby directed to execute this Change Order No. 2.

Section 3. Final payment, pursuant to State Code, will be made to Molitor Construction in the amount of \$23,657.89.

PASSED AND APPROVED this 17th day of January, 2022.

Michael Porsch, Mayor

ATTEST:

Mayra A. Martinez, City Clerk

SLHS Courtyard Progress

Jan 2022

Northeast Corner (View From)- comparison



North Wall Area- comparison



NW Corner View

*Looking to
South Wall*

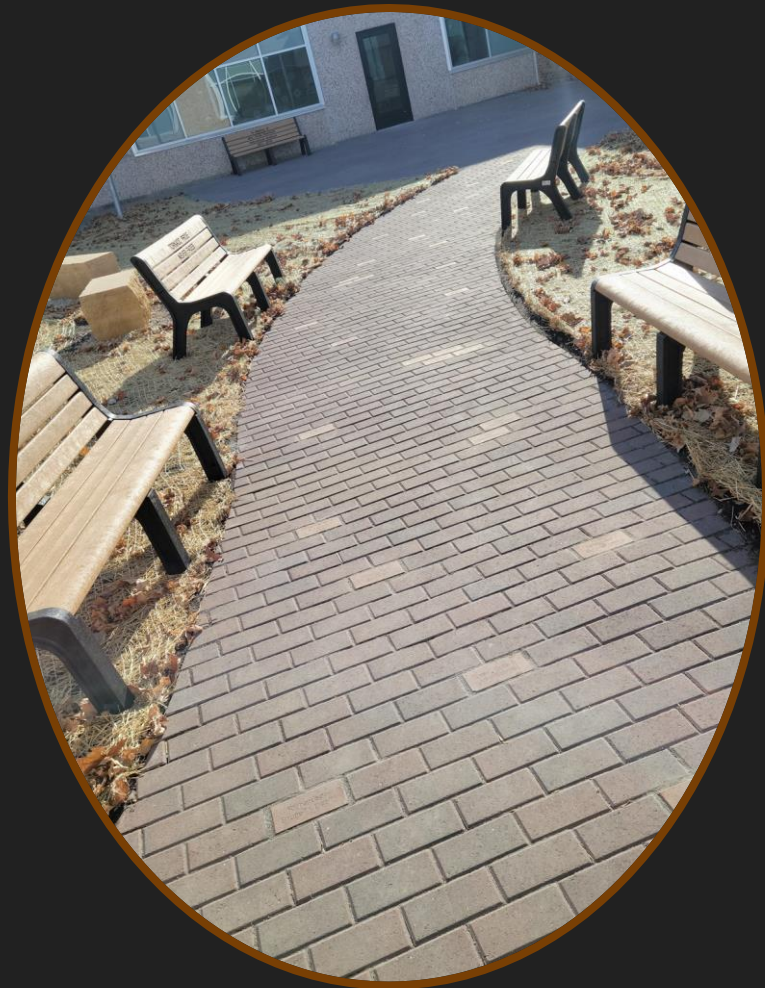












Owner:	City of Storm Lake	Owner's Project No.:	
Engineer:	Emmons & Olivier Resources	Engineer's Project No.:	0112-0035
Contractor:	Molitor Construction	Contractor's Project No.:	
Project:	Storm Lake High School Courtyard		
Contract:			
Application No.:	03	Application Date:	1/17/2022
Application Period:	From 12/1/2021	to	12/31/2021
1. Original Contract Price		\$	73,199.00
2. Net change by Change Orders		\$	17,345.06
3. Current Contract Price (Line 1 + Line 2)		\$	90,544.06
4. Total Work completed and materials stored to date (Sum of Column G Lump Sum Total and Column J Unit Price Total)		\$	90,544.06
5. Retainage			
a. 0% X \$ 90,544.06 Work Completed		\$	-
b. 0% X \$ - Stored Materials		\$	-
c. Total Retainage (Line 5.a + Line 5.b)		\$	-
6. Amount eligible to date (Line 4 - Line 5.c)		\$	90,544.06
7. Less previous payments (Line 6 from prior application)		\$	66,886.17
8. Amount due this application		\$	23,657.89
9. Balance to finish, including retainage (Line 3 - Line 4)		\$	-
Contractor's Certification			
The undersigned Contractor certifies, to the best of its knowledge, the following:			
(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;			
(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such liens, security interest, or encumbrances); and			
(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.			
Contractor:	Paul Molitor	Signature:	
		Date:	1/7/2022
Recommended by Engineer		Approved by Owner	
By:	Britta Hansen	By:	
Title:	Landscape Architect	Title:	Mayor
Date:	1/6/2022	Date:	1/17/22
Approved by Funding Agency			
By:		By:	
Title:		Title:	
Date:		Date:	

Staff Summary

1/17/2022

Agenda Item # 11.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Keri Navratil, City Manager

SUBJECT: **Work Session- King's Pointe Update**

BACKGROUND: Amy Von Bank will provide an update regarding King's Pointe

FISCAL IMPACT: N/A

RECOMMENDATION: No action necessary

Staff Summary

1/17/2022

Agenda Item # 12.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM: Keri Navratil, City Manager

SUBJECT: **Work Session- Request To Allow All-Terrain Vehicles (ATV) And/Or Off-Road Utility Vehicles (UTV) On Approved Roadways In Storm Lake City Limits**

BACKGROUND: City Manager Navratil received a written request from Jeff Shultz to allow All-Terrain Vehicles (ATV) and/or Off-Road Utility Vehicles (UTV) on approved roadways in Storm Lake City Limits. The current City ordinance does not allow these vehicles on the roadway.

FISCAL IMPACT: N/A

RECOMMENDATION: This work session is to allow for City Council to discuss the request and provide direction to the City Manager.

ATTACHMENTS:

Description	Type
Letter from Jeff Shultz	Letter

Letter to City Manager

Jeff Schultz
3040 Expansion blvd
Storm Lake, IA 50588

Keri Navratil
620 Erie Street
P.O. Box 1086
Storm Lake, IA 50588

I'm writing to you to propose and support the legalization of All-Terrain Vehicles (ATV) and/or Off-Road Utility Vehicles (UTV) on approved roadways in the city limits of Storm Lake.

- An ATV: a motorized vehicle with not less than four and not more than six DOT rated tires that is limited in engine displacement to no less than 1000cc and a total dry weight to less than 1200lbs and has a seat or saddle designed to be straddled by the operator and handlebars for steering control
- A UTV: a motorized vehicle with not less than four and not more than eight DOT rated tires or rubberized tracks that has a seat that is of bucket or bucket design, not intended to be straddled by the operator, and a steering wheel or control levers for control.

According to the Buena Vista Recorder, there are around 260 ATVs/UTVs currently registered in Storm Lake. The legalization of such vehicles would bring in added revenue to the city of Storm Lake through yearly registration fees. This would also allow current owners another way to enjoy their vehicles. UTVs and ATV's can be a lot of fun, and they can be a convenient way to get around town.

Staff Summary

1/17/2022

Agenda Item # 13.



City of Storm Lake
PO Box 1086
Storm Lake, IA 50588
p (712) 732-8000
f (712) 732-4114

REPORT TO: Honorable Mayor and City Council

FROM:

SUBJECT: **City Council Requested Items**

BACKGROUND: Future City Council Work Sessions:
1. none at this time

FISCAL IMPACT: No Fiscal Impact at this time.

RECOMMENDATION: Concurrence for each item to be considered for a specified City Council Meeting work session or deny work session consideration for the following items:
1. None at this time