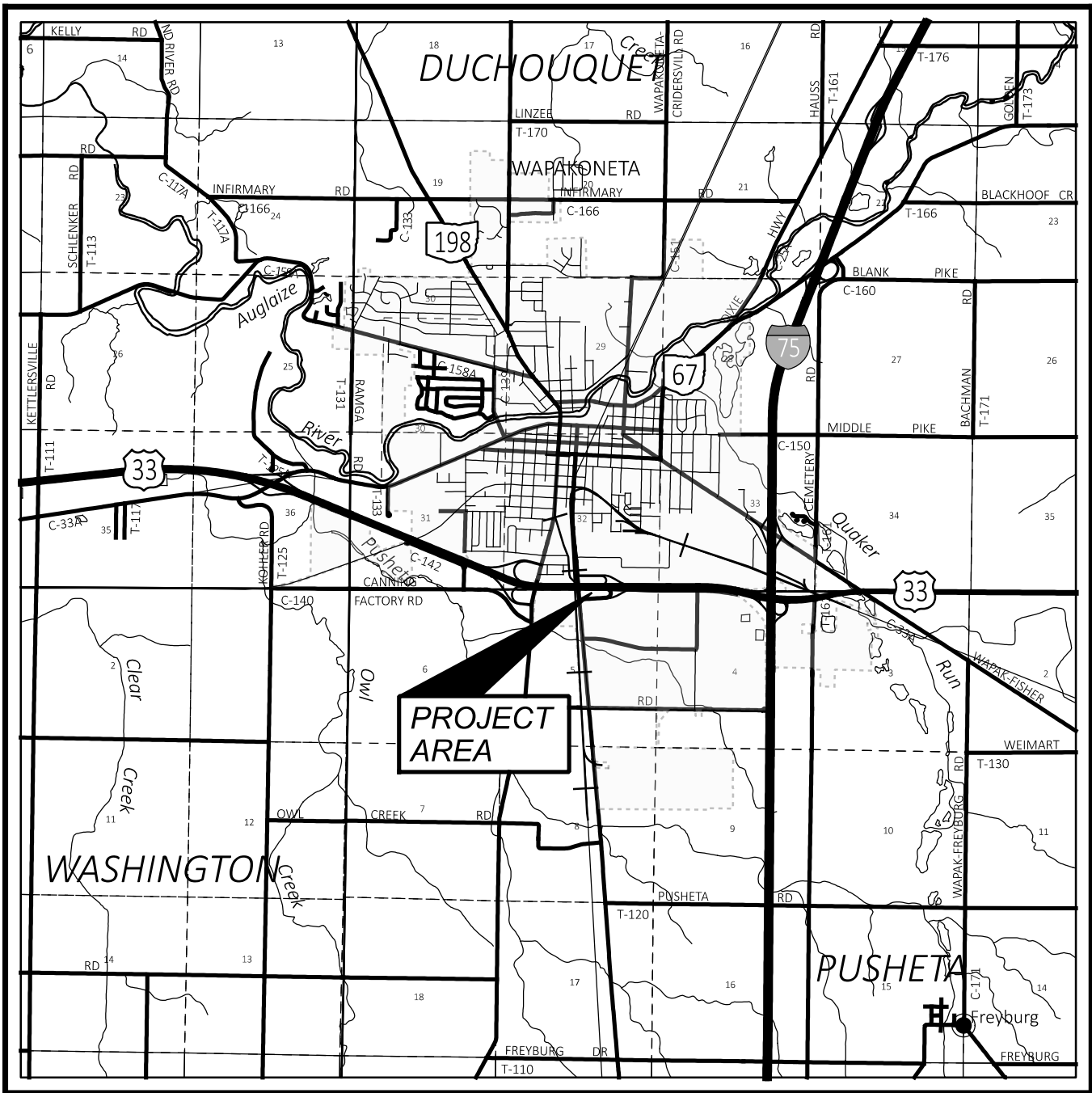




LOCATION MAP

LATITUDE: 40°33'18" LONGITUDE: 84°11'30"



PORTION TO BE IMPROVED	
INTERSTATE HIGHWAY	
FEDERAL ROUTES	
STATE ROUTES	
COUNTY & TOWNSHIP ROADS	
OTHER ROADS	

DESIGN DESIGNATION	US 33	WILLIPIE STREET
CURRENT ADT (2026)	17,000	3,700
DESIGN YEAR ADT (2046)	20,000	3,800
DESIGN HOURLY VOLUME (2046)	2,200	500
DIRECTIONAL DISTRIBUTION	55%	61%
TRUCKS (24 HOUR B&C)	25%	5%
DESIGN SPEED	70 MPH	45 MPH
LEGAL SPEED	70 MPH	45 MPH
DESIGN FUNCTIONAL CLASSIFICATION:		(04) MINOR ARTERIAL
(02) OTHER FREEWAYS		
NHS PROJECT	YES	NO

DESIGN EXCEPTIONS

NONE

ADA DESIGN WAIVERS

NONE

UNDERGROUND UTILITIES

Contact Two Working Days
Before You Dig

OHIO 811.org
Before You Dig

OHIO 811, 8-1-1, or 1-800-362-2764
(Non members must be called directly)

LJB Inc.
2500 Newmark Drive
Miamisburg, OH 45342
(866) 552-3536 | LJBinc.com

PLAN PREPARED BY:

ENGINEER'S SEAL

EXCEPT LIGHTING

Ramnarayan Nanna
E-69028

ENGINEER'S SEAL

LIGHTING

Emilie M. Worley
E-71927

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STANDARD CONSTRUCTION DRAWINGS

STANDARD CONSTRUCTION DRAWINGS								SUPPLEMENTAL SPECIFICATIONS	SPECIAL PROVISIONS
BP-2.1	1/21/22	RM-3.1	7/20/18	TC-41.10	7/19/13			800-2023	7/18/25
BP-2.2	1/15/21	RM-5.1	7/18/14	TC-41.20	10/18/13			814	7/15/16
BP-3.1	1/19/24			TC-41.30	4/21/23			825	7/19/24
BP-4.1	7/19/13	HL-20.11	7/18/25	TC-42.10	10/18/13			832	7/18/25
BP-5.1	7/18/25	HL-20.21	7/18/25	TC-42.20	10/18/13			1120	7/15/22
BP-7.1	7/18/25	HL-30.11	7/21/23	TC-52.10	10/18/13				
		HL-30.22	1/17/25	TC-52.20	1/15/21				
CB-2-3, 2-4	7/19/24	HL-40.20	7/18/25	TC-71.10	7/18/25				
CB-3	7/19/24	HL-60.21	7/20/18						
		HL-60.31	7/19/24						
DM-1.1	1/17/25								
DM-1.2	1/17/25	MT-95.31	7/18/25						
DM-4.2	7/20/12	MT-95.50	7/21/17						
DM-4.3	1/15/16	MT-98.29	1/17/20						
DM-4.4	1/15/16	MT-98.30	7/18/25						
		MT-101.60	1/17/25						

FEDERAL PROJECT NUMBER

NON - FEDERAL

RAILROAD INVOLVEMENT

NONE

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF CONVERTING THE EXISTING EASTBOUND LOOP RAMP INFIELD AREA AT US-33 AND WILLIPIE ST (COUNTY ROAD 25A) INTERCHANGE TO A TRUCK PARKING FACILITY. THE PROJECT ALSO INCLUDES GRADING, DRAINAGE, LIGHTING AND PAVEMENT MARKINGS WITHIN THE PARKING LOT.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA:	4.8 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA:	1.13 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA:	5.93 ACRES

LIMITED ACCESS

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

2023 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

John W. O'Brien
07

DISTRICT DEPUTY DIRECTOR

Pamela Boratyn

DIRECTOR, DEPARTMENT OF TRANSPORTATION

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 01/05/26

PROJECT ID

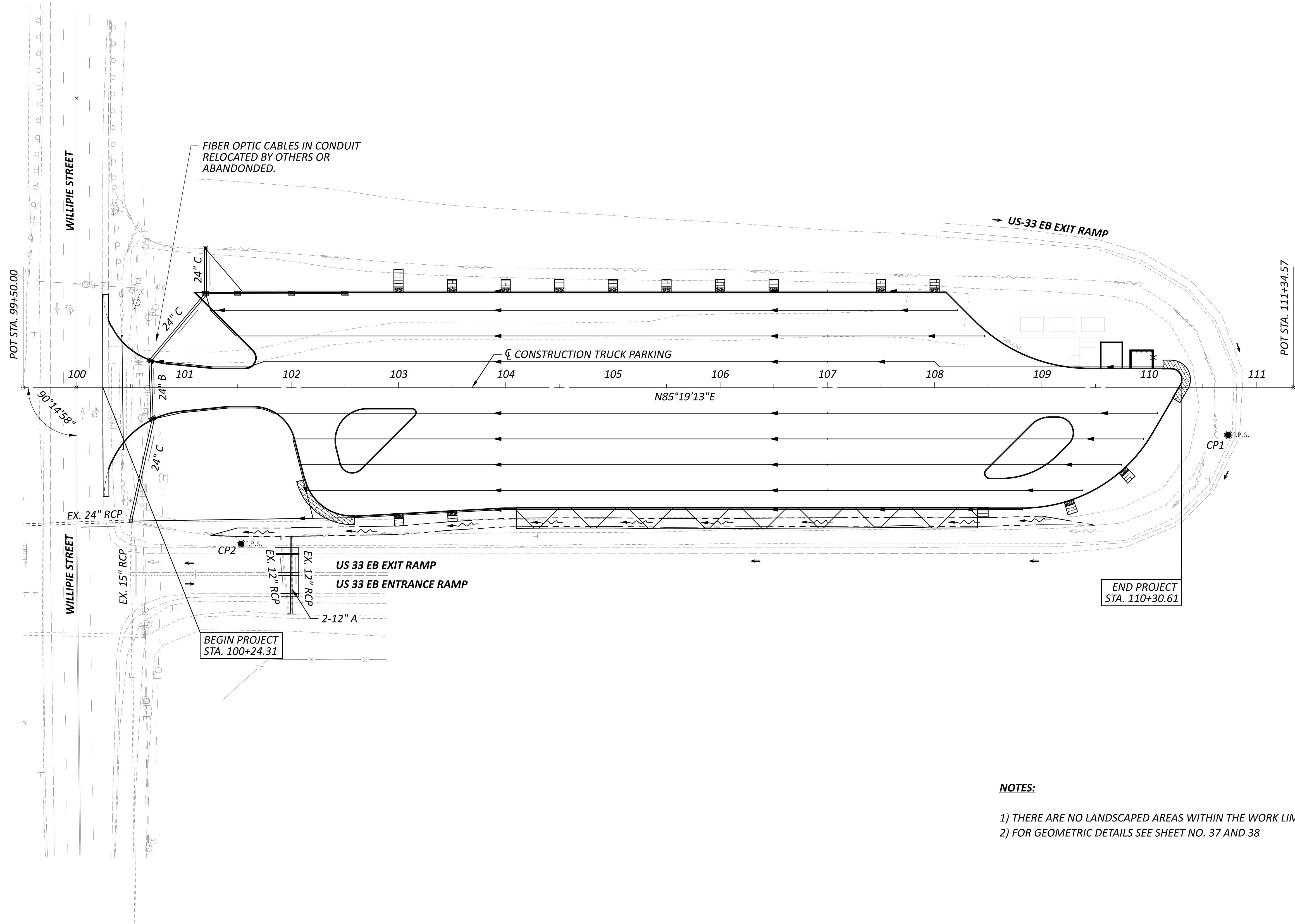
122890

SHEET

P.1

TOTAL

66

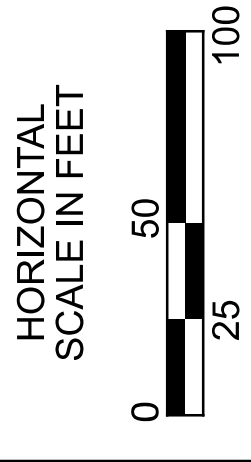


PROJECT CONTROL COORDINATES					
CONTROL POINTS (CP) NUMBER	STATION, OFFSET	COORDINATES U.S. SURVEY FEET		ELEVATION	DESCRIPTION
		NORTHING	EASTING		
CP1	STA. 110+73.90, 44.2615' RT	311662.9327	180828.8191	906.916	3/4" REBAR W/PRIMARY PROJECT CONTROL CAP
CP2	STA. 101+53.27, 145.9287' RT	311486.4944	179919.5589	902.106	3/4" REBAR W/PRIMARY PROJECT CONTROL CAP



NOTES:

- 1) THERE ARE NO LANDSCAPED AREAS WITHIN THE WORK LIMITS.
2) FOR GEOMETRIC DETAILS SEE SHEET NO. 37 AND 38



SCHEMATIC PLAN

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

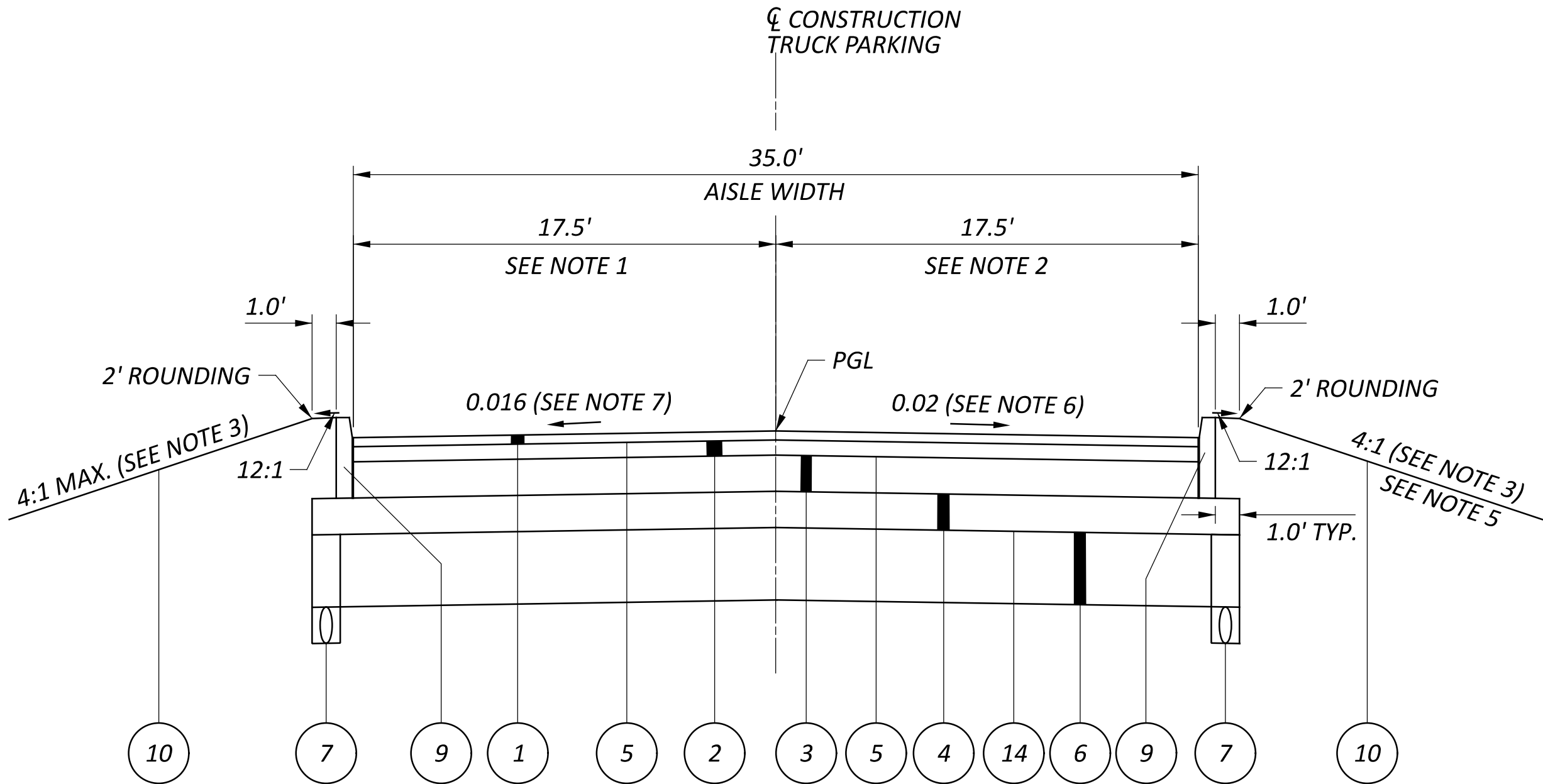
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SHEET

P.2

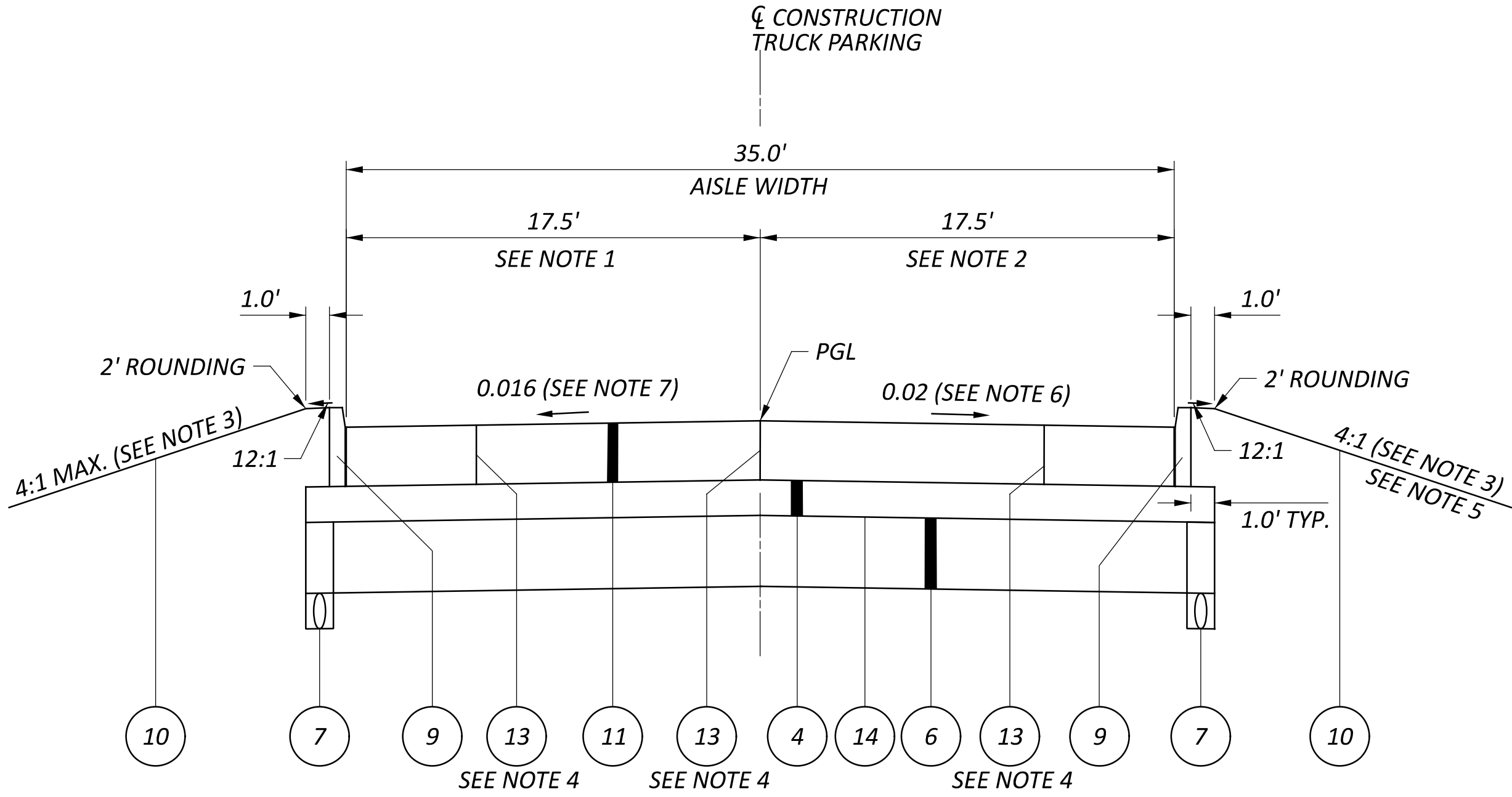
TOTAL

66



TRUCK PARKING - ASPHALT PAVEMENT

STA. 100+24.31 TO STA. 103+98.67 = 374.36 FEET
STA. 108+10.88 TO STA. 110+30.61 = 219.73 FEET



TRUCK PARKING - CONCRETE PAVEMENT

STA. 100+24.31 TO STA. 103+98.67 = 374.36 FEET
STA. 108+10.88 TO STA. 110+30.61 = 219.73 FEET

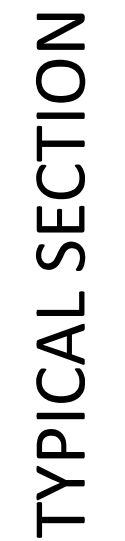
PROPOSED LEGEND

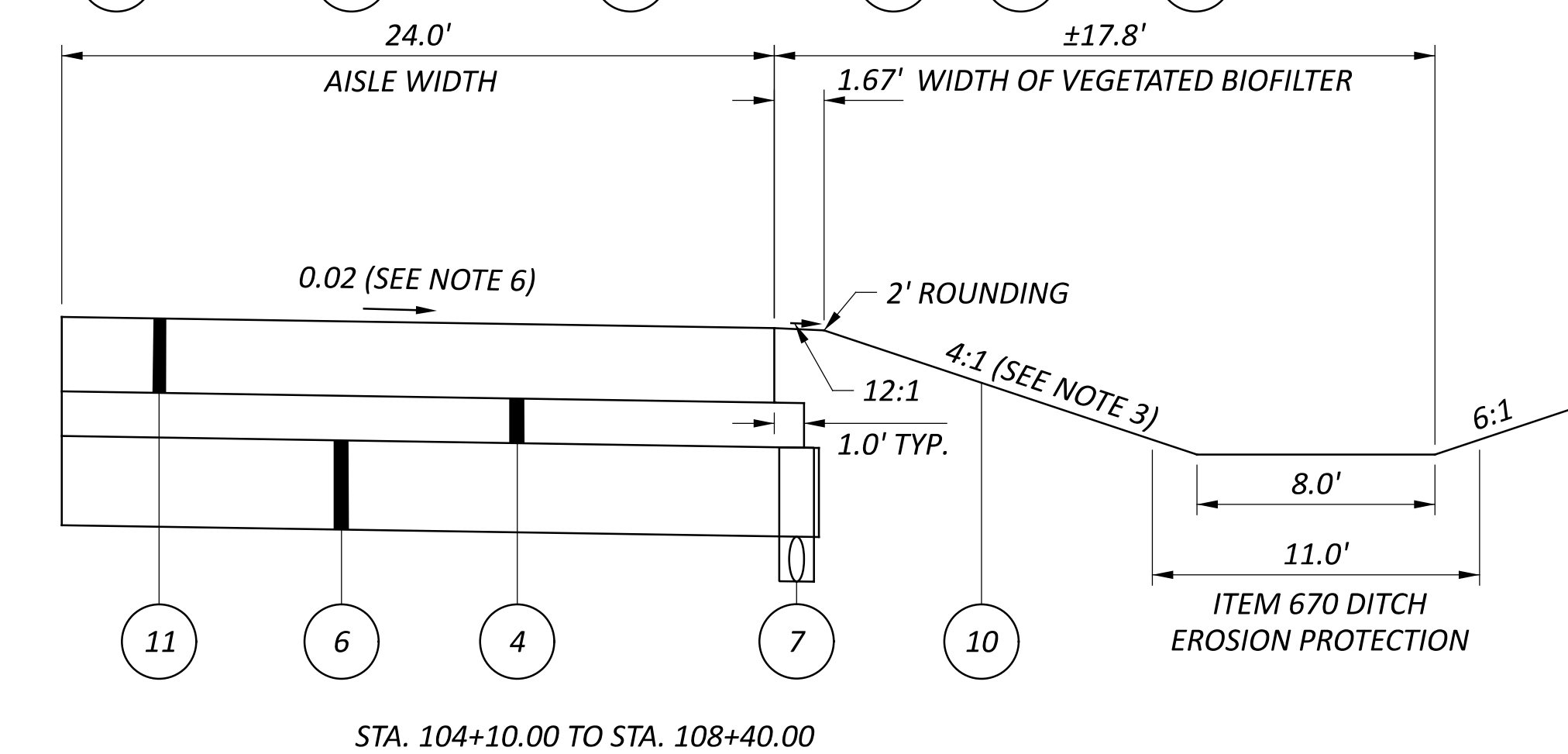
- 1 ITEM 442 - 1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)
- 2 ITEM 442 - 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)
- 3 ITEM 301 - 6" ASPHALT CONCRETE BASE, PG64-22 (449)
- 4 ITEM 304 - 6" AGGREGATE BASE
- 5 ITEM 407 - NON-TRACKING TACK COAT*
- 6 ITEM 206 - CEMENT STABILIZED SUBGRADE , 12" DEEP
- 7 ITEM 605 - 6" SHALLOW PIPE UNDERDRAIN (36" DEEP)
- 8 ITEM 452 - 4" NON-REINFORCED CONCRET PAVEMENT
- 9 ITEM 609 - CURB, TYPE 7
- 10 ITEM 659 - SEEDING AND MULCHING
- 11 ITEM 452 - 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA
- 12 ITEM 203 - EMBANKMENT
- 13 LONGITUDINAL JOINT PER BP-2.1.
- 14 ITEM 204 - PROOF ROLLING

* = APPLICATION RATES - TOP OF INTERMEDIATE COURSE - 0.05 GAL/ SY, TOP OF 301 - 0.075 GAL/SY

NOTES

- WIDTH VARIES FROM STA. 100+24.31 TO STA. 101+26.80, SEE PLAN SHEETS.
WIDTH IS 17.50' FROM STA. 101+26.80 TO STA. 101+57.42.
WIDTH VARIES FROM STA. 101+57.42 TO STA. 103+98.67, SEE PLAN SHEETS.
WIDTH VARIES FROM STA. 108+10.88 TO STA. 109+43.73, SEE PLAN SHEETS.
WIDTH IS 17.50' FROM STA. 109+43.73 TO STA. 110+20.61.
WIDTH VARIES FROM STA. 110+20.61 TO STA. 110+30.61, SEE PLAN SHEETS
- WIDTH VARIES FROM STA. 100+24.31 TO STA. 101+41.63, SEE PLAN SHEETS
WIDTH IS 17.50' FROM STA. 101+41.63 TO STA. 101+64.39
WIDTH VARIES FROM STA. 101+64.39 TO STA. 103+98.67, SEE PLAN SHEETS.
WIDTH IS 112.21' FROM STA. 108+10.88 TO STA. 108+81.84.
WIDTH VARIES FROM STA. 108+81.84 TO STA. 110+30.61, SEE PLAN SHEETS.
- OR AS SHOWN ON THE CROSS SECTIONS.
- FOR SPACING SEE PAVEMENT JOINT DETAIL SHEET.
- FOR DITCHES SEE CROSS SECTIONS.
- SLOPE IS 0.0003 FROM STA. 100+24.31 TO STA. 100+30.91.
SLOPE VARIES FROM 0.0003 AT STA. 100+30.91 TO 0.02 AT STA. 100+80.91
SLOPE IS 0.02 FROM STA. 100+80.91 TO STA. 105+50.00.
SLOPE VARIES FROM 0.02 AT STA. 105+50.00 TO 0.028 AT STA. 106+00.00.
SLOPE IS 0.028 FROM STA. 106+00.00 TO STA. 107+50.00.
SLOPE VARIES FROM 0.028 AT STA. 107+50.00 TO 0.025 AT STA. 108+00.00.
SLOPE VARIES FROM 0.025 AT STA. 108+00.00 TO 0.02 AT STA. 108+50.00.
SLOPE VARIES FROM 0.02 AT STA. 108+50.00 TO 0.016 AT STA. 109+00.00.
SLOPE IS 0.016 FROM STA. 109+00.00 TO STA. 110+30.61.
- SLOPE VARIES FROM +0.0023 AT STA. 100+24.31 TO -0.016 AT STA. 100+70.76.
SLOPE IS 0.016 FRO STA. 100+70.76 TO STA. 107+75.00.
SLOPE VARIES FROM 0.016 AT STA. 107+75.00 TO 0.018 AT STA. 108+00.00.
SLOPE VARIES FROM 0.018 AT STA. 108+00.00 TO 0.016 AT STA. 108+25.00.





STA. 103+98.67 TO STA. 108+10.88 = 412.21 FEET

1. FOR LEGEND, SEE SHEET 3.
2. SEE PLAN SHEETS FOR LOCATIONS.
3. OR AS SHOWN ON THE CROSS SECTIONS.
4. FOR SPACING SEE PAVEMENT JOINT DETAIL SHEET.
5. FOR DITCHES SEE CROSS SECTIONS.
6. SLOPE VARIES FROM 0.02 AT STA. 105+50.00 TO 0.028 AT STA. 106+00.00.
SLOPE IS 0.028 FROM STA. 106+00.00 TO STA. 107+50.00.
SLOPE VARIES FROM 0.028 AT STA. 107+50.00 TO 0.025 AT STA. 108+00.00
SLOPE VARIES FROM 0.025 AT STA. 108+00.00 TO 0.02 AT STA. 108+50.00.
SLOPE VARIES FROM 0.02 AT STA. 108+50.00 TO 0.016 AT STA. 109+00.00.
SLOPE IS 0.016 FROM STA. 109+00.00 TO STA. 110+30.61.
7. SLOPE VARIES FROM 0.016 AT STA. 107+25.00 TO 0.018 AT STA. 108+00.00.
SLOPE VARIES FROM 0.018 AT STA. 108+00.00 TO 0.016 AT STA. 108+25.00.



STA. 102+41 ± TO STA. 103+17 ±
STA. 108+46 ± TO STA. 109+29 ±

TYPICAL SECTION

ROUNDING

THE ROUNDING AT SLOPE BREAKPOINTS SHOWN ON THE TYPICAL SECTIONS APPLIES TO ALL CROSS-SECTIONS, EVEN THOUGH OTHERWISE SHOWN.

UTILITIES

LISTED BELOW ARE ALL UTILITIES LOCATED WITHIN THE PROJECT CONSTRUCTION LIMITS TOGETHER WITH THEIR RESPECTIVE OWNERS:

ENBRIDGE GAS OHIO
2169 STATE ROUTE 821
MARIETTA, OH 45750
TELEPHONE - 740-434-0915
JACOB SMITHINGELL
Jacob.Smithingell@enbridge.com
DAVID CARRIZALES
David.Carrizales@enbridge.com

320 SPRINGSIDE DR
AKRON, OHIO 44333
TELEPHONE - 330-664-2575
MICHAEL NORTH
w.michael.north@dominionenergy.com
Relocation@dominionenergy.com
TELEPHONE - 330-840-8304
ANDREW LONNEMAN
andrew.lonneman@enbridge.com

CHARTER COMMUNICATIONS/SPECTRUM
3760 INTERCHANGE RD
COLUMBUS, OH 43204
TELEPHONE - 614-481-5047
SAM LUTZ
samuel.lutz@charter.com

810 N MAIN ST
CELINA, OHIO 45822
TELEPHONE - 419-584-5183
KEITH JONES
keith.jones@charter.com

3691 TURNER RD
DAYTON, OHIO 45415
TELEPHONE - 937-396-8611
MARY EVANS
mary.evans@charter.com
TELEPHONE - 937-425-8828
RHONDA HEBERT
Rhonda.Hebert@charter.com
TITUS HALL
titus.hall@charter.com

TELEPHONE SERVICE COMPANY
2 WILLIPIE ST, PO BOX 408
WAPAKONETA, OH 45895
TELEPHONE - 419-739-2254
MITCHELL CURTIS
mitchell.curtis@telserco.com
TELEPHONE - 419-739-2241
RANDY HEINL
randy@telserco.com
TELEPHONE - 419-739-2560
CHRIS HARDY
chris.hardy@telserco.com

AEP OHIO - WESTERN
38831 STATE ROUTE 7
REEDSVILLE, OH 45772
TELEPHONE - 740-985-3054
CLARKE M SAUNDERS
cmsaunders@aep.com

tl_publicprojects@aep.com

UTILITIES (CONTD.)

CITY OF WAPAKONETA - ELECTRIC & LIGHTING
251 INDUSTRIAL DRIVE
WAPAKONETA, OH 45895
TELEPHONE - 419-738-7713
LEVI CECIL
lceccil@wapakoneta.net

CITY OF WAPAKONETA - WATER
1251 SCHAUB ROAD
WAPAKONETA, OH 45895
TELEPHONE - 419-738-7439
BRENT HAMEL
bhamel@wapakoneta.net

THE LOCATION OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS AS REQUIRED BY SECTION 153.64 O.R.C.

EXISTING PLANS

EXISTING PLANS ENTITLED AUG-33-15.50_16.49 (1958), AUG-33-13.44 (1989) AND AUG-33-15.07 (1984) MAY BE INSPECTED IN THE ODOT DISTRICT 8 OFFICE IN SIDNEY.

WORK LIMITS

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. PROVIDE THE INSTALLATION AND OPERATION OF ALL WORK ZONE TRAFFIC CONTROL AND WORK ZONE TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.

SURVEYING PARAMETERS - OHIO COUNTY COORDINATE SYSTEM (OCCS)

PRIMARY PROJECT CONTROL MONUMENTS GOVERN ALL POSITIONING ON ODOT PROJECTS. SEE SHEET 2 OF THE PLANS FOR A TABLE CONTAINING PROJECT CONTROL INFORMATION.

USE THE FOLLOWING PROJECT CONTROL, VERTICAL POSITIONING, AND HORIZONTAL POSITIONING PARAMETERS FOR ALL SURVEYING:

PROJECT CONTROL
POSITIONING METHOD: ODOT RTN, LEICA RTK
MONUMENT TYPE: TYPE B

VERTICAL POSITIONING
ORTHOMETRIC HEIGHT DATUM: NAVD 88
GEOID: 18A

HORIZONTAL POSITIONING
REFERENCE FRAME: NAD83 (2011)
ELLIPSOID: GRS-80
COORDINATE SYSTEM: AUGLAIZE COUNTY (OCCS)
MAP PROJECTION: LAMBERT CONFORMAL CONIC
CENTRAL LATITUDE: N 40°36'00"
CENTRAL LONGITUDE: E 275°45'00"
FALSE NORTHING: 100000
FALSE EASTING: 50000
PROJECTION SCALE FACTOR: 1.000039

USE THE POSITIONING METHODS AND MONUMENT TYPE USED IN THE ORIGINAL SURVEY TO RESTORE ALL MONUMENTS RELATED TO PRIMARY PROJECT CONTROL THAT ARE DAMAGED OR DESTROYED BY CONSTRUCTION ACTIVITIES. RESTORE THE DAMAGED OR DESTROYED MONUMENTS IN ACCORDANCE WITH CMS 623.

UNITS ARE IN U.S. SURVEY FEET.

CLEARING AND GRUBBING

ALTHOUGH THERE ARE NO TREES OR STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE LIMITS OF THE PROJECT, A LUMP SUM QUANTITY IS INCLUDED IN THE GENERAL SUMMARY FOR ITEM 201, CLEARING AND GRUBBING. ALL PROVISIONS AS SET FORTH IN THE SPECIFICATIONS UNDER THIS ITEM ARE INCLUDED IN THE LUMP SUM PRICE BID FOR ITEM 201, CLEARING AND GRUBBING.

ITEM 204 - PROOF ROLLING

THE FOLLOWING QUANTITY IS PROVIDED IN THE GENERAL SUMMARY TO ADDRESS LOCATIONS REQUIRING PROOF ROLLING. SEE PAVEMENT SUBSUMMARY SHEET NO. 14

ITEM 204 - PROOF ROLLING 7 HOUR.

REVIEW OF DRAINAGE FACILITIES

PRIOR TO THE START OF WORK AND AGAIN BEFORE FINAL ACCEPTANCE, PERFORM AN INSPECTION WITH REPRESENTATIVES OF THE DEPARTMENT, CONTRACTOR AND LOCALS OF ALL EXISTING DRAINAGE FACILITIES THAT ARE TO REMAIN IN SERVICE WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION OF THE EXISTING CONDUITS AND THEIR APPURTENANCES IS DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION ARE MAINTAINED BY THE DEPARTMENT.

CONFIRM ALL EXISTING SEWERS INSPECTED INITIALLY BY THE ABOVE-MENTIONED PARTIES ARE MAINTAINED AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. THE CONTRACTOR IS RESPONSIBLE TO CORRECT ANY CHANGE IN THE CONDITION RESULTING FROM THEIR OPERATIONS AS DIRECTED AND APPROVED BY THE ENGINEER.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE IS INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT 611 CONDUIT ITEMS.

VEGETATED BIOFILTER

THIS PLAN UTILIZES VEGETATED BIOFILTER(S) FOR POST CONSTRUCTION STORM WATER TREATMENT. PLACE EITHER ITEM 660 SODDING OR ITEM 659 SEEDING AND MULCHING WITH A 4-INCH LIFT OF TOPSOIL AS SHOWN IN THE PLANS TO ANY DISTURBED AREA ON THE SHOULDER AND FORESLOPE DRAINING TO A VEGETATED BIOFILTER. THE DITCH FOR EACH VEGETATED BIOFILTER SHALL BE TRAPEZOIDAL, AS SHOWN IN THE PLAN CROSS SECTIONS. PROVIDE ITEM 670 AS SPECIFIED ON SHEETS 4,5,19 AND 20. QUANTITIES ARE PROVIDED ON SHEET 16.

ITEM 623 PRECONSTRUCTION AND POST CONSTRUCTION SURVEY MONUMENTATION VERIFICATION

THESE ITEMS SHALL BE PERFORMED PER CMS 623.04.A AND 623.04.B. FOLLOWING LUMP SUM QUANTITIES ARE PROVIDED HERE AND CARRIED TO THE GENERAL SUMMARY SHEET AND SHALL BE USED AS DIRECTED BY THE ENGINEER.

ITEM 623 PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT 1 LS

ITEM 623 POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT 1 LS

SEEDING AND MULCHING

THE FOLLOWING QUANTITIES ARE PROVIDED TO PROMOTE GROWTH AND CARE OF PERMANENT SEEDED AREAS:

SEEDING AREA IS CALCULATED FORM THE TOE OF SLOPE OF US 33 EB TO THE EDGE OF THE BERM OF THE US 33 EB EXIT RAMP TO WILLIPIE ST. THE AREA EXCLUDED THE PAVEMENT AREA.

SEEDING AND MULCHING AREA (CADD GENERATED) = 8500 SY

659, TOPSOIL	944 CY
659, SEEDING AND MULCHING	8500 SY
659, REPAIR SEEDING AND MULCHING	425 SY
659, INTER-SEEDING	425 SY
659, COMMERCIAL FERTILIZER	1.2 TON
659, LIME	1.8 ACRES
659, WATER	47 MGAL

SEEDING AND MULCHING SHALL BE APPLIED TO ALL AREAS OF EXPOSED SOIL BETWEEN THE RIGHT-OF-WAY LINES, AND WITHIN THE CONSTRUCTION LIMITS FOR AREAS OUTSIDE THE RIGHT-OF-WAY LINES COVERED BY WORK AGREEMENT OR SLOPE EASEMENT. QUANTITY CALCULATIONS FOR SEEDING AND MULCHING ARE BASED ON THESE LIMITS.

ITEM 611 - CATCH BASIN NO. 3 AS PER PLAN

CATCH BASIN NO. 3, AS PER PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS AS SHOWN ON THE STANDARD CONSTRUCTION DRAWING CB-3, EXCEPT THE CASTING SHALL BE FRAMED TO FIT TYPE 7 CURB.

ITEM 611 - 12" CONDUIT, TYPE D, AS PER PLAN

THIS ITEM SHALL BE CONSTRUCTED PER CMS 611 WITH THE MATERIAL TYPE AS SPECIFIED IN CONSTRUCTION & MATERIAL SPECIFICATIONS 748.01.

ITEM 206 - MIX DESIGN FOR CHEMICALLY STABILIZED SOILS

PROVIDE SAMPLING AND TESTING OF THE CEMENT STABILIZED SUBGRADE AS OUTLINED IN SUPPLEMENT 1120. ALL SAMPLES SHALL BE TAKEN FROM THE ACTUAL SUBGRADE SOILS ONCE THE SUBGRADE HAS BEEN EXCAVATED OR FILLED TO THE DESIGNED SUBGRADE LEVEL. THE PROJECT CONSTRUCTION SCHEDULE SHALL ADEQUATELY ACCOUNT FOR THE SAMPLING AND REQUIRED TESTING IN ACCORDANCE WITH SUPPLEMENT 1120. SUBMIT THE RESULTS OF THE SUPPLEMENT 1120 TESTING, BOTH THE INITIAL CLASSIFICATION TESTING AND THE FINAL STRENGTH TESTING , TO THE ENGINEER. THE ENGINER WILL CONFIRM THE RECOMMENDED CEMENT APPLICATION RATES FROM THE SUPPLEMENT 1120 TESTING. THE ITEM 206 WORK CANNOT BEGIN UNTIL ACCEPTANCE OF THE SUPPLEMET 1120 WORK BY THE ENGINEER.

THE CEMENT, CURING COAT AND CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP QUANTITIES ARE PROVIDED IN THE PAVEMENT SUB-SUMMARY AND A LUMP SUM QUANTITY OF MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS, IS PROVIDED HERE AND CARRIED TO THE GENERAL SUMMARY SHEET.

ITEM 206 MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS 1 LS

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

TOTAL

P.6

66

ITEM SPECIAL - BOLLARD

THIS ITEM INCLUDES THE CONSTRUCTION OF PERMANENT STEEL BOLLARD IN ACCORDANCE WITH STANDARD CONSTRUCTION DRAWING RM-5.1.

PAYMENT FOR ALL LABOR, MATERIALS AND EQUIPMENT SHALL BE INCLUDED IN THE UNIT BID FOR EACH ITEM SPECIAL - BOLLARD.

FENCE LENGTHS

THE LENGTHS OF FENCE SHOWN IN THE PLANS ARE HORIZONTAL DIMENSIONS. MEASUREMENTS OF THE FINAL QUANTITIES WILL BE IN ACCORDANCE WITH ITEM 607.

PAVEMENT RESTORATION FOR PIPE INSTALLATIONS AND/OR REMOVALS

THE FOLLOWING QUANTITIES HAVE BEEN PROVIDED FOR PAVEMENT RESTORATION FOLLOWING REMOVAL AND INSTALLATION OF THE 2-12" PIPES UNDER EXISTING US33 EB EXIT AND ENTRANCE RAMPS AT THE WILLIPIE STREET (COUNTY RD 25A) INTERCHANGE AS SHOWN ON PLAN SHEET 46.

ITEM 301 12" ASPHALT CONCRETE BASE, PG64-22 (449) 37 CY
ITEM 609 6" CONCRETE ISLAND 8 SY

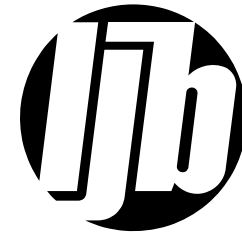
THE ABOVE QUANTITIES ARE BASED ON THE RESTORATION LIMITS AS SHOWN ON THE PLAN SHEET 46. FOR CONCRETE ISLAND DETAILS SEE SCD, RM-3.1.

PROVIDE ANY MATERIALS USED OUTSIDE THE LIMITS SHOWN ON SHEET 46 AT NO ADDITIONAL COST.

THE QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY SHEET.

GENERAL NOTES

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.7

TOTAL

66

ITEM 614, MAINTAINING TRAFFIC

ALL LANES ON WILLIPIE STREET (COUNTY ROAD 25 A) SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE TRUCK PARKING IN THE SOUTH EAST QUADRANT LOOP AT AUG-33 AND WILLIPIE STREET INTERCHANGE USING STANDARD CONSTRUCTION DRAWING MT-95.31.

ITEM 614, MAINTAINING TRAFFIC (NOTICE OF CLOSURE SIGN)

US 33 EASTBOUND EXIT RAMP TO COUNTY RD 25 A AND THE ENTRANCE RAMP TO US 33 EASTBOUND FROM COUNTY RD 25 A WILL BE CLOSED FOR A WEEKEND TO REMOVE AND REPLACE 2-12" PIPES UNDER THE EXIT AND ENTRANCE RAMPS.

NOTICE OF CLOSURE SIGNS (W20-H13) SHALL BE ERECTED BY THE CONTRACTOR PRIOR TO THE SCHEDULED RAMP CLOSURE IN ACCORDANCE WITH THE NOTICE OF CLOSURE TIME TABLE BELOW.

THE SIGNS SHALL BE ERECTED ON THE RIGHT-HAND SIDE OF THE ROAD/RAMP FACING TRAFFIC. THEY SHALL BE PLACED SO AS NOT TO INTERFERE WITH THE VISIBILITY OF ANY OTHER TRAFFIC CONTROL SIGNS. ON ROADWAYS, THEY SHOULD BE ERECTED AT OR NEAR THE POINT OF CLOSURE. THE SIGNS MAY BE ERECTED ANYWHERE ON RAMPS AS LONG AS THEY ARE VISIBLE TO THE MOTORISTS USING THE RAMP. ON ENTRANCE RAMPS, THE SIGN SHALL BE ERECTED WELL IN ADVANCE OF THE MERGE AREA TO AVOID DISTRACTING MOTORISTS.

NOTICE OF CLOSURE SIGN TIME TABLE
ITEM DURATION SIGN DISPLAYED
OF CLOSURE TO PUBLIC

RAMP & >=2 WEEKS 14 CALENDAR DAYS
PRIOR TO CLOSURE
ROAD > 12 HOURS 7 CALENDAR DAYS
& < 2 WEEKS PRIOR TO CLOSURE

CLOSURES <= 12 HOURS 2 BUSINESS DAYS
PRIOR TO CLOSURE

THE SIGN SHALL DISPLAY THE DATE OF THE CLOSURE IN MMM-DD FORMAT AND THE NUMBER OF DAYS OF THE CLOSURE. THE LAST LINE OF THE W20-H13 SIGN LISTS A PHONE NUMBER WHICH A MOTORIST MAY CALL FOR ADDITIONAL INFORMATION. THIS IS TO BE A SPECIFIC OFFICE WITHIN THE DISTRICT RATHER THAN THE GENERAL SWITCHBOARD NUMBER.

ITEM 614, MAINTAINING TRAFFIC (ROAD CLOSED SIGN)

THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN STANDARD 48 X 30 INCH ROAD CLOSED SIGNS, SIGN SUPPORTS, BARRICADES AND LIGHTS, AS DETAILED IN SCD MT-101.60 AT THE FOLLOWING LOCATIONS DURING PERIODS IN WHICH THE AFFECTED ROADS ARE CLOSED TO TRAFFIC.

AT THE TOP OF THE US 33 EASTBOUND EXIT RAMP TO COUNTY 25 A.
AT THE BOTTOM OF THE US 33 EASTBOUND ENTRANCE RAMP FROM COUNTY RD 25 TO US 33 EASTBOUND

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

DESIGNATED DETOUR ROUTE

US 33 EASTBOUND EXIT RAMP TO COUNTY RD 25 A AND THE ENTRANCE RAMP TO US 33 EASTBOUND FROM COUNTY RD 25 A WILL BE CLOSED FOR A WEEKEND TO REMOVE AND REPLACE 2-12" PIPES UNDER THE EXIT AND ENTRANCE RAMPS. WEEKEND CLOSURE SHALL BE BETWEEN FRIDAY 9:00 PM TO MONDAY 6:00 AM. ALL LANES ON US33 EB EXIT RAMP AND US33 EB ENTRANCE RAMP SHALL BE OPEN TO TRAFFIC MONDAY 6:00 AM.

US-33 EASTBOUND EXIT RAMP CLOSURE:
DETOUR THE EXITING TRAFFIC ONTO I-75 NORTHBOUND VIA US-33 EASTBOUND. VEHICLES WILL EXIT AT EXIT 111, TURN LEFT ONTO BELLEFONTAINE RD, THEN MAKE AN IMMEDIATE LEFT ONTO I-75 SOUTHBOUND. CONTINUE TO EXIT 110, MERGE ONTO US-33 WB, AND TAKE EXIT 37 ONTO COUNTY RD 25A.

US-33 EASTBOUND ENTRANCE RAMP CLOSURE:
DETOUR THE TRAFFIC FROM COUNTY RD 25 A ONTO THE US-33 WEST-BOUND LOOP RAMP TO US-33 WESTBOUND. VEHICLES WILL EXIT AT EXIT 36 (HARDIN PIKE), TURN RIGHT ONTO HARDIN PIKE, THEN MAKE A RIGHT USING THE US-33 EASTBOUND RAMP ON TO US 33 EASTBOUND.

SEE THE DETOUR LINE SKETCH ON SHEET NO.9.

CONTRACTOR SHALL SUBMIT THE DETOUR PLAN INCLUDING THE CLOSURE OF LANES ON WILLIPIE STREET AND CLOSURE TIMES WITH APPROPRIATE SIGNING AND EXISTING SIGN CLOSURE COVERINGS 4 WEEKS PRIOR TO THE CLOSURE TO THE ENGINEER FOR APPROVAL.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS WELL AS THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR DESIGNING, PLACING THE SIGNS, MAINTAINING THE SIGNS FOR THE DURATION OF THE CLOSURE AND REMOVING, ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE INCLUDED THE LUMP SUM CONTRACT PRICE FOR ITEM 614, DETOUR SIGNING.

ITEM 614 DETOUR SIGNING 1 LS

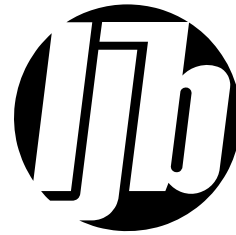
COORDINATION BETWEEN CONTRACTORS

THE CONTRACTOR SHALL COORDINATE WITH ODOT AND CONTRACTORS ON ADJACENT OR NEARBY PROJECTS. IN PARTICULAR, THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR FOR THE I-75 AND US 33 INTERCHANGE SAFETY IMPROVEMENT PROJECT, PID 118055. COORDINATION SHALL BE PERFORMED TO PREVENT CONFLICTING ADVANCE WARNING SIGNS, CONFLICTING DETOUR ROUTES, AND OVERLAPPING OR CONFLICTING LANE CLOSURES. THIS IS NOT A COMPLETE LIST OF COORDINATION ITEMS THAT MAY NEED TO BE RESOLVED BETWEEN PROJECTS.

THE DEPARTMENT RESERVES THE RIGHT TO PRIORITIZE WHICH PROJECT’S ACTIVITIES WILL TAKE PRECEDENCE ON ODOT PROJECTS. PROJECTS WITH ACTIVITIES DELAYED DUE TO CONFLICTS WILL CONSIDER THE DELAY AN EXCUSABLE, NON-COMPENSABLE DELAY PER 108.06.B. FOR PROJECTS THAT HAVE ACTIVITIES DELAYED DUE TO CONFLICTS WHERE THE CONTRACTOR FAILED TO MEET THE NOTIFICATION REQUIREMENTS, THE DELAYS SHALL NOT BE CONSIDERED EXCUSABLE OR COMPENSABLE.

ATTENDANCE AT DEPARTMENT ORDERED TRAFFIC COORDINATION MEETINGS BETWEEN ADJACENT OR NEARBY PROJECTS SHALL BE CONSIDERED MANDATORY FOR EACH PROJECT’S SUPERINTENDENT AND WORKSITE TRAFFIC SUPERVISOR, AND ALL COSTS SHALL BE INCIDENTAL TO ITEM: MAINTAINING TRAFFIC, LUMP SUM.

DESIGN AGENCY

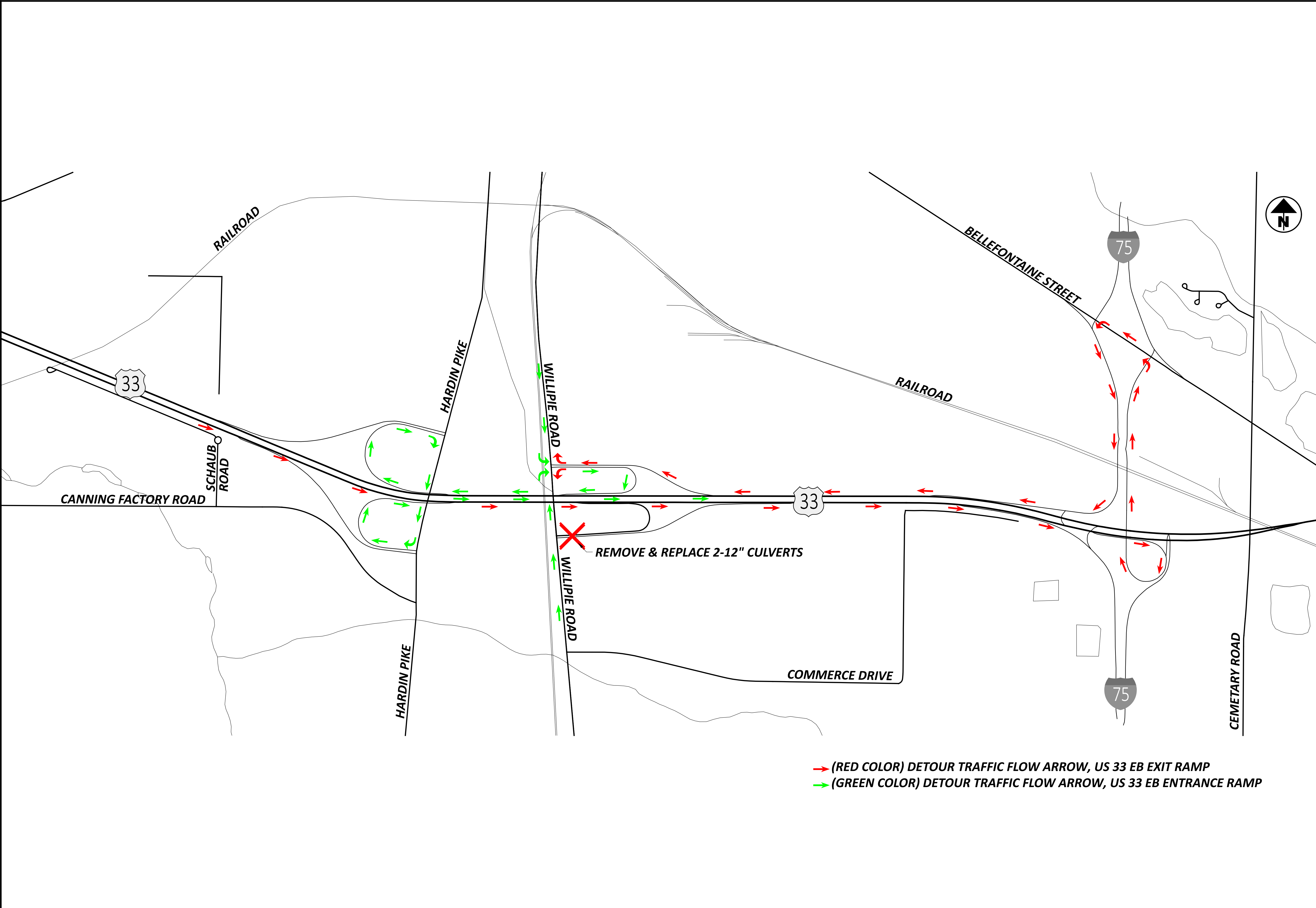


DESIGNER
JAH

REVIEWER
RN 12/18/25

PROJECT ID
122890

SHEET TOTAL
P.8 | 66



SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
6	7	13	14	15	16	17							01/NFP						
LS													LS	201	11000	LS		ROADWAY	1
		267											267	202	23000	267	SY	PAVEMENT REMOVED	
		8											8	202	30600	8	SY	CONCRETE MEDIAN REMOVED	
		143											143	202	35100	143	FT	PIPE REMOVED, 24" DIAMETER AND UNDER	
		2,884											2,884	203	10000	2,884	CY	EXCAVATION	
		2,160	352										2,512	203	20000	2,512	CY	EMBANKMENT	
			110										110	204	10000	110	SY	SUBGRADE COMPACTION	
			7										7	204	45000	7	HOUR	PROOF ROLLING	6
			478										478	206	10500	478	TON	CEMENT	
			18,452										18,452	206	11000	18,452	SY	CURING COAT	
LS			18,452										18,452	206	15010	18,452	SY	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	
													LS	206	30000	LS		MIXTURE DESIGN FOR CHEMICALLY STABILIZED SOILS	6
		56											56	607	98000	56	FT	FENCE, MISC.: WOODEN SLAT FENCE	49
LS													LS	623	50000	LS		PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	6
LS													LS	623	51000	LS		POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND REPORT	6
		5											5	SPECIAL	69050600	5	EACH	BOLLARD	7
					229								229	601	21050	229	SY	EROSION CONTROL	
													229	601	21050	229	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
944					43								987	659	00300	987	CY	TOPSOIL	
8,500													8,500	659	10000	8,500	SY	SEEDING AND MULCHING	
425													425	659	14000	425	SY	REPAIR SEEDING AND MULCHING	
425													425	659	15000	425	SY	INTER-SEEDING	
1.2													1.2	659	20000	1.2	TON	COMMERCIAL FERTILIZER	
													1.8	659	31000	1.8	ACRE	LIME	
1.8													47	659	35000	47	MGAL	WATER	
47					526								526	670	00700	526	SY	DITCH EROSION PROTECTION	
													LS	832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
													LS	832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
													LS	832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
													30,000	832	30000	30,000	EACH	EROSION CONTROL	
						4,767							4,767	605	11100	4,767	FT	6" SHALLOW PIPE UNDERDRAINS	
						1,991							1,991	605	13300	1,991	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
						475							475	611	00510	475	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
				142									142	611	04200	142	FT	12" CONDUIT, TYPE A707.01, 707.02	
				130									130	611	04400	130	FT	12" CONDUIT, TYPE B	
				106									106	611	04901	106	FT	12" CONDUIT, TYPE D, AS PER PLAN748.01	6
				54									54	611	10400	54	FT	24" CONDUIT, TYPE B	
				221									221	611	10600	221	FT	24" CONDUIT, TYPE C	
				6									6	611	98151	6	EACH	CATCH BASIN, NO. 3, AS PER PLAN	6
				1									1	611	98510	1	EACH	CATCH BASIN, NO. 2-3	
				1									1	611	98634	1	EACH	CATCH BASIN RECONSTRUCTED TO GRADE	
				14									14	611	99900	14	EACH	DRAINAGE STRUCTURE, MISC.: CURB CUT	47
			291										291	255	20000	291	FT	PAVEMENT	
			3,093										3,093	304	20000	3,093	CY	AGGREGATE BASE	
			89										89	452	12010	89	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
			2,209										2,209	609	28000	2,209	FT	CURB, TYPE 7	
	8												8	609	54000	8	SY	6" CONCRETE TRAFFIC ISLAND	
			575										575	609	70000	575	SY	4" CONCRETE MEDIAN	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 01/05/26

PROJECT ID

122890

SHEET

P.10

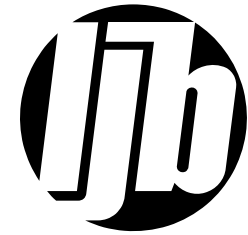
TOTAL

66

SHEET NUMBER													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
7	8	14		50	51	59	60						01/NFP						
37		3,009											3,046	301	56000	3,046	CY	PAVEMENT OPTION A: FLEXIBLE	
		2,255											2,255	407	20000	2,255	GAL	NON-TRACKING TACK COAT	
		752 1,253											752 1,253	442 442	10000 10100	752 1,253	CY CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446) ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)	
		18,033											18,033	452	14020	18,033	SY	PAVEMENT OPTION B: RIGID 10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH QC/QA	
							15						15	625	00470	15	EACH	LIGHTING CONNECTION, UNFUSED BOLTED	
							7						7	625	13500	7	EACH	LIGHT TOWER, MISC.: INSTALLATION ONLY, BB45	59
							7						7	625	15700	7	EACH	LIGHT TOWER FOUNDATION, MISC.: 36" X 10' DEEP	59
							1,143						1,143	625	23200	1,143	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
							1,657						1,657	625	24320	1,657	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
							217						217	625	25408	217	FT	CONDUIT, 2", 725.051	
							124						124	625	25906	124	FT	CONDUIT, JACKED OR DRILLED, 725.051, 2"	
							14						14	625	26262	14	EACH	LUMINAIRE, HIGH MAST, SOLID STATE (LED), TYPE V	
							1,780						1,780	625	29000	1,780	FT	TRENCH	
							8						8	625	30700	8	EACH	PULL BOX, 725.08, 18"	
							8						8	625	32000	8	EACH	GROUND ROD	
							1						1	625	34001	1	EACH	POWER SERVICE, AS PER PLAN	59
							1						1	625	34450	1	EACH	CONTROL CENTER CABINET, COMPLETE	
							1,780						1,780	625	36010	1,780	FT	UNDERGROUND WARNING/MARKING TAPE	
						1							1	625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL, LIGHTING POWER SERVICE DISCONNECT ENCLOSURE	59
							729						729	632	69100	729	FT	POWER CABLE, 1 CONDUCTOR, NO. 4 AWG	
																		TRAFFIC CONTROL	
					448								448	630	03100	448	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
					324								324	630	07000	324	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18	
					207								207	630	07500	207	FT	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	
					7								7	630	08600	7	EACH	SIGN POST REFLECTOR	
					22								22	630	09000	22	EACH	BREAKAWAY STRUCTURAL BEAM CONNECTION	
					188								188	630	80100	188	SF	SIGN, FLAT SHEET	
					1,098								1,098	630	80200	1,098	SF	SIGN, GROUND MOUNTED EXTRUSHEET	
					22								22	630	84500	22	EACH	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
																		TRAFFIC CONTROL OPTION A: ASPHALT PAVEMENT	
				0.06									0.06	644	00104	0.06	MILE	EDGE LINE, 6"	
				0.02									0.02	644	00300	0.02	MILE	CENTER LINE	
				1,473									1,473	644	00404	1,473	FT	CHANNELIZING LINE, 12"	
				75									75	644	00500	75	FT	STOP LINE	
				6,200									6,200	644	01200	6,200	FT	PARKING LOT STALL MARKING	
				14									14	644	01300	14	EACH	LANE ARROW	
																		TRAFFIC CONTROL OPTION B: CONCRETE PAVEMENT	
				0.06									0.06	646	10010	0.06	MILE	EDGE LINE, 6"	
				0.02									0.02	646	10200	0.02	MILE	CENTER LINE	
				1,473									1,473	646	10310	1,473	FT	CHANNELIZING LINE, 12"	
				75									75	646	10400	75	FT	STOP LINE	
				6,200									6,200	646	20200	6,200	FT	PARKING LOT STALL MARKING	
				14									14	646	20300	14	EACH	LANE ARROW	
	LS												LS	614	12420	LS		MAINTENANCE OF TRAFFIC DETOUR SIGNING	8
													LS	614	11000	LS		INCIDENTALS MAINTAINING TRAFFIC	
													LS	623	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
													LS	624	10000	LS		MOBILIZATION	

GENERAL SUMMARY

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 01/05/26

PROJECT ID

122890

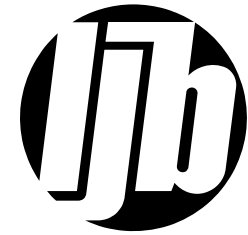
SHEET

P.11

TOTAL

66

SHEET NOT USED



DESIGN AGENCY

DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.12

TOTAL

66

GENERAL SUMMARY

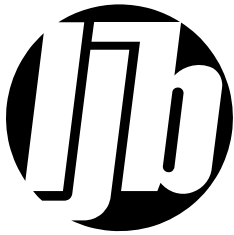
SHEET NO.	STATION TO STATION				203	203	
					EXCAVATION	EMBANKMENT	
							CY
			TO				
	100+24.31	LHS		101+00.00	LHS	38	8
	101+55.00	LHS		102+00.00	LHS	366	2
	102+50.00	LHS		103+00.00	LHS	379	10
	103+50.00	LHS		104+00.00	LHS	298	29
	105+50.00	LHS		105+50.00	LHS	338	86
	106+00.00	LHS		107+00.00	LHS	164	157
	107+50.00	LHS		108+50.00	LHS	301	81
	109+00.00	LHS		110+27.81	LHS	70	80
	100+24.31	RHS		101+00.00	RHS	11	46
	101+55.00	RHS		103+00.00	RHS	243	256
	103+50.00	RHS		105+00.00	RHS	135	382
	105+50.00	RHS		107+00.00	RHS	24	760
	107+50.00	RHS		109+00.00	RHS	207	240
	109+50.00	RHS		110+27.81	RHS	310	23
TOTALS CARRIED TO GENERAL SUMMARY						2884	2160

STATION RANGE			SIDE	SHEET NO.	203		204	204		206	206	206	255	301		304		407		442	442		452		609	609
					EMBANKMENT		SUBGRADE COMPACTION	PROOF ROLLING		CEMENT	CURING COAT	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP	FULL DEPTH PAVEMENT SAWING	ASPHALT CONCRETE BASE, PG64-22, (449)		AGGREGATE BASE		TACK COAT		ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446)	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446)		8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1		CURB, TYPE 7	4" CONCRETE MEDIAN
					CY		SY	HOUR		TON	SY	SY	FT	CY		CY		GAL		CY	CY		SY		FT	SY
100+24.31	TO	104+10.00	LT/RT	19	179.8			2.1		164.6	6361.0	6361.0		1028.7		1060.2		771.2		257.1	428.5				1149.6	294.1
104+10.00		108+10.88	LT/RT	19, 20				3.0		234.5	9060.9	9060.9		1490.4		1510.1		1115.9		372.0	619.9				400.9	
108+10.88		110+30.61	LT/RT	20	171.3			1.0		78.4	3029.5	3029.5		489.8		504.9		367.0		122.3	203.9				658.3	280.3
DP-1, 109+83.04		DP-1, 110+03.04	LT	20, 48			44.7									6.9							35.6			
VP-1, 109+55.04		VP-1, 109+75.04	LT	20, 48			65.2									10.2							53.3			
SC-1, 100+24.05		SC-1, 100+24.62	LT/RT	19									199.3													
SC-2, 101+84.00			RT	19, 46									45.6													
SC-3, 102+07.00			RT	19, 46									45.7													
SUBTOTALS					351.0		109.9	6.2		477.4	18451.4	18451.4	290.6	3008.8		3092.3		2254.1		751.4	1252.3		88.9		2208.8	574.4
TOTALS CARRIED TO GENERAL SUMMARY					352		110	7		478	18452	18452	291	3009		3093		2255		752	1253		89		2209	575

STATION RANGE			SIDE	SHEET NO.				452		
								10" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 WITH QC/QA		
									SY	
100+24.31	TO	104+10.00	LT/RT	19				6169.8		
104+10.00		108+10.88	LT/RT	19, 20				8927.3		
108+10.88		110+30.61	LT/RT	20				2935.7		
SUBTOTALS								18032.8		
TOTALS CARRIED TO GENERAL SUMMARY								18033		

PAVEMENT SUB-SUMMARY

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.14

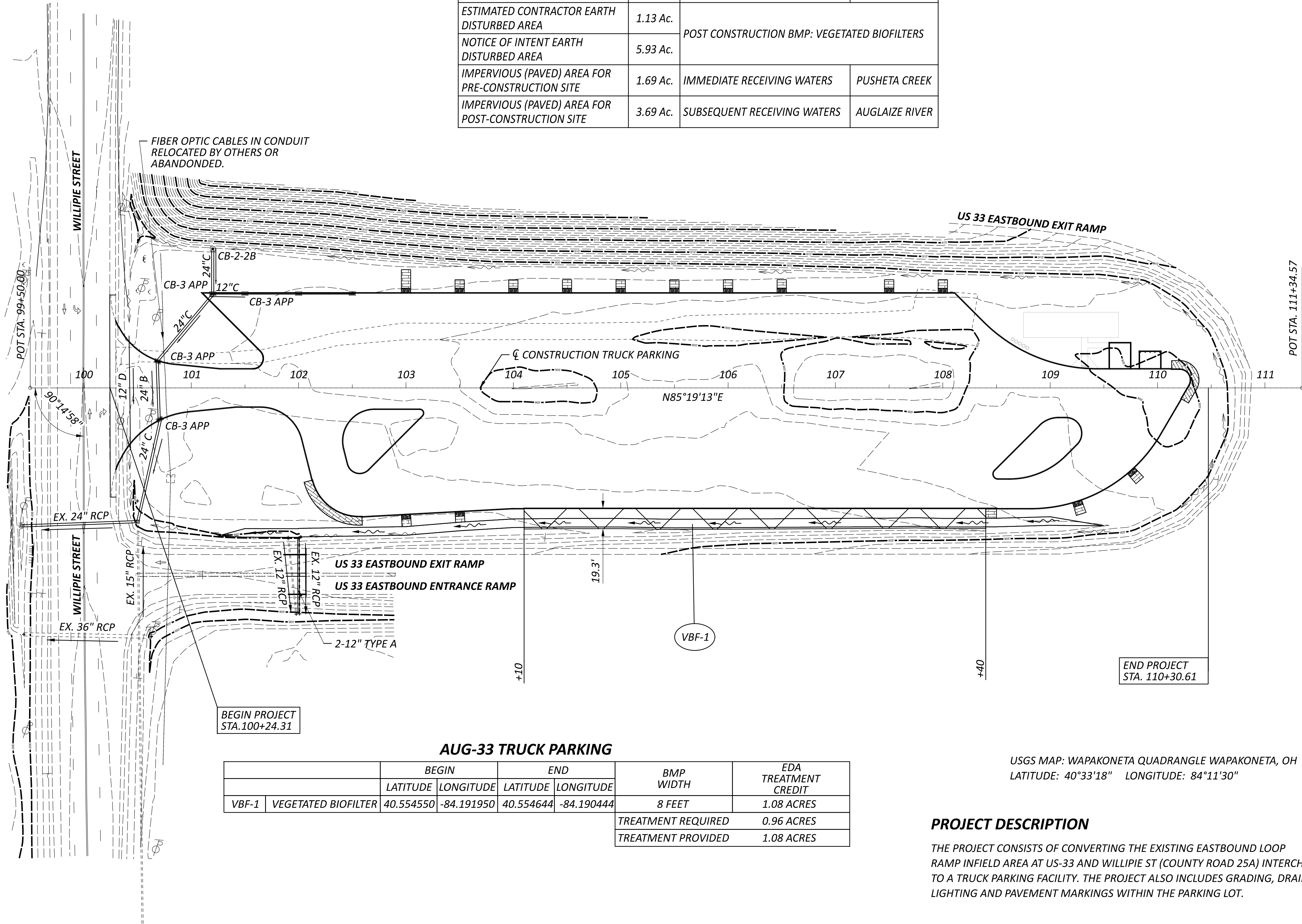
TOTAL

66

REF NO.	SHEET NO.	STATION TO STATION			611	611	611	611	611	611	611	611	611
					12" CONDUIT, TYPE A 707.01, 707.02	12" CONDUIT, TYPE B	12" CONDUIT, TYPE D, AS PER PLAN	24" CONDUIT, TYPE B	24" CONDUIT, TYPE C	CATCH BASIN, NO. 3, AS PER PLAN	CATCH BASIN, NO. 2-3	CATCH BASIN RECONSTRUCTED TO GRADE	DRAINAGE STRUCTURE, MISC.:CURB CUT
					FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH
			TO						42		1		
D-1	19, 43	101+20.00	LT	101+20.00									
D-2A	19, 44	102+50.00	LT	102+00.00		50				1			
D-2B	19, 44	102+00.00	LT	101+50.00		50				1			
D-2C	19, 44	101+50.00	LT	101+20.00		30				1			
D-2	19, 43, 44	101+20.00	LT	100+68.83					81	1			
D-3	19, 43	100+68.83	LT	100+70.76	RT			54		1			
D-4	19, 43	100+70.76	RT	100+50.31	RT				98	1			
D-5	19, 43	100+50.31	RT									1	
D-6	19, 45	100+42.10	LT	100+43.45	RT		106						
D-7	19, 45	101+98.97	RT	102+00.47	RT	142							
CC-1	19, 47	103+00.00	LT										1
CC-2	19, 47	103+00.00	RT										1
CC-3	19, 47	103+50.00	LT										1
CC-4	19, 47	103+50.00	RT										1
CC-5	19, 47	104+00.00	LT										1
CC-6	19, 47	104+50.00	LT										1
CC-7	19, 47	105+00.00	LT										1
CC-8	19, 47	105+50.00	LT										1
CC-9	20, 47	106+00.00	LT										1
CC-10	20, 47	106+50.00	LT										1
CC-11	20, 47	107+50.00	LT										1
CC-12	20, 47	108+00.00	LT										1
CC-13	20, 47	109+25.00	RT										1
CC-14	20, 47	109+75.00	RT										1
TOTALS CARRIED TO GENERAL SUMMARY					142	130	106	54	221	6	1	1	14

REF NO.	SHEET NO.	STATION TO STATION				601		659		670
						TIED CONCRETE BLOCK MAT, TYPE 1 UNDERLAYMENT		TOPSOIL		DITCH EROSION PROTECTION
				TO		SY		CY		SY
EC-1	19	102+122.86	RT		102+58.93 RT	60.0				
EC-2	19	103+00.00	LT			17.0				
EC-3	19	103+00.00	RT			6.7				
EC-4	19	103+50.00	LT			7.7				
EC-5	19	103+50.00	RT			5.4				
EC-6	19	104+00.00	LT			7.7				
EC-7	19	104+50.00	LT			7.7				
EC-8	19	105+00.00	LT			7.7				
EC-9	19, 20	105+50.00	LT			7.7				
EC-10	20	106+00.00	LT			7.7				
EC-11	20	106+50.00	LT			7.7				
EC-12	20	107+50.00	LT			7.7				
EC-13	20	108+00.00	LT			7.7				
EC-14	20	108+45.00	RT			8.4				
EC-15	20	109+25.00	RT			8.2				
EC-16	20	109+75.00	RT			8.2				
EC-17	20	110+13.04	LT		110+21.95 RT	45.7				
VBF-1	19, 20	104+10.00	RT		108+40.00 RT			43		526
TOTALS CARRIED TO GENERAL SUMMARY						229		43		526

REF NO.	SHEET NO.	STATION TO STATION				605		605		611							
						6" SHALLOW PIPE UNDERDRAINS		6" UNCLASSIFIED PIPE UNDERDRAINS		6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS					UNCLASSIFIED START STATION	UNCLASSIFIED START ELEVATION	UNCLASSIFIED END STATION
						FT		FT		FT							UNCLASSIFIED END ELEVATION
			TO														
UD-1	19,20	101+20.00	LT		106+99.84	LT	545.75			52.3							
UD-2	19,20	101+20.00	LT		106+99.84	LT	575.14			16.9							
UD-3	19,20	101+24.70	LT		106+99.84	LT	551.14			33.9							
UD-4	19,20	100+68.83	LT		106+99.84	LT	573.72			58.4							
UD-5	19,20	100+70.76	RT		106+99.84	RT	603.06			27.7							
UD-6	19,20	102+01.53	RT		106+99.84	RT	498.31			76.43							
UD-7	19,20	102+07.61	RT		106+99.84	RT	492.23										
UD-8	19,20	102+13.69	RT		106+99.84	RT	486.15										
UD-9	19,20	100+50.31	RT		106+99.84	RT	441.02			208.7							
UD-10	20	106+99.84	LT		108+10.88	LT		111.04				108+10.88	902.51	106+99.84	901.59	12"	30"
UD-11	20	106+99.84	LT		108+21.44	LT		121.60				108+21.44	902.83	106+99.84	901.88	12"	30"
UD-12	20	106+99.84	LT		108+46.59	LT		146.75				108+46.59	903.1	106+99.84	902.26	12"	30"
UD-13	20	106+99.84	LT		110+13.04	LT		313.20				110+13.04	902.73	106+99.84	902.65	12"	30"
UD-14	20	106+99.84	RT		110+07.80	RT		307.96				110+07.80	902.68	106+99.84	902.36	12"	30"
UD-15	20	106+99.84	RT		109+94.77	RT		294.93				109+94.77	902.36	106+99.84	902.69	12"	30"
UD-16	20	106+99.84	RT		109+74.24	RT		274.40				109+74.24	902.08	106+99.84	901.02	12"	30"
UD-17	20	106+99.84	RT		109+38.16	RT		238.32				109+36.16	901.88	106+99.84	900.34	12"	30"
UD-18	20	106+99.84	RT		108+81.84	RT		182.00				108+81.84	901.79	106+99.84	899.84	12"	30"
TOTALS CARRIED TO GENERAL SUMMARY							4767		1991		475						



PROJECT DATA			
TOTAL AREA (RIGHT-OF-WAY)	NA	RUNOFF COEFFICIENT FOR PRE-CONSTRUCTION SITE	0.60 Ac.
PROJECT EARTH DISTURBED AREA	4.80 Ac.	RUNOFF COEFFICIENT FOR POST-CONSTRUCTION SITE	0.76 Ac.
ESTIMATED CONTRACTOR EARTH DISTURBED AREA	1.13 Ac.	POST CONSTRUCTION BMP: VEGETATED BIOFILTERS	
NOTICE OF INTENT EARTH DISTURBED AREA	5.93 Ac.		
IMPERVIOUS (PAVED) AREA FOR PRE-CONSTRUCTION SITE	1.69 Ac.	IMMEDIATE RECEIVING WATERS	PUSHETA CREEK
IMPERVIOUS (PAVED) AREA FOR POST-CONSTRUCTION SITE	3.69 Ac.	SUBSEQUENT RECEIVING WATERS	AUGLAIZE RIVER



PROJECT SITE PLAN

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.18

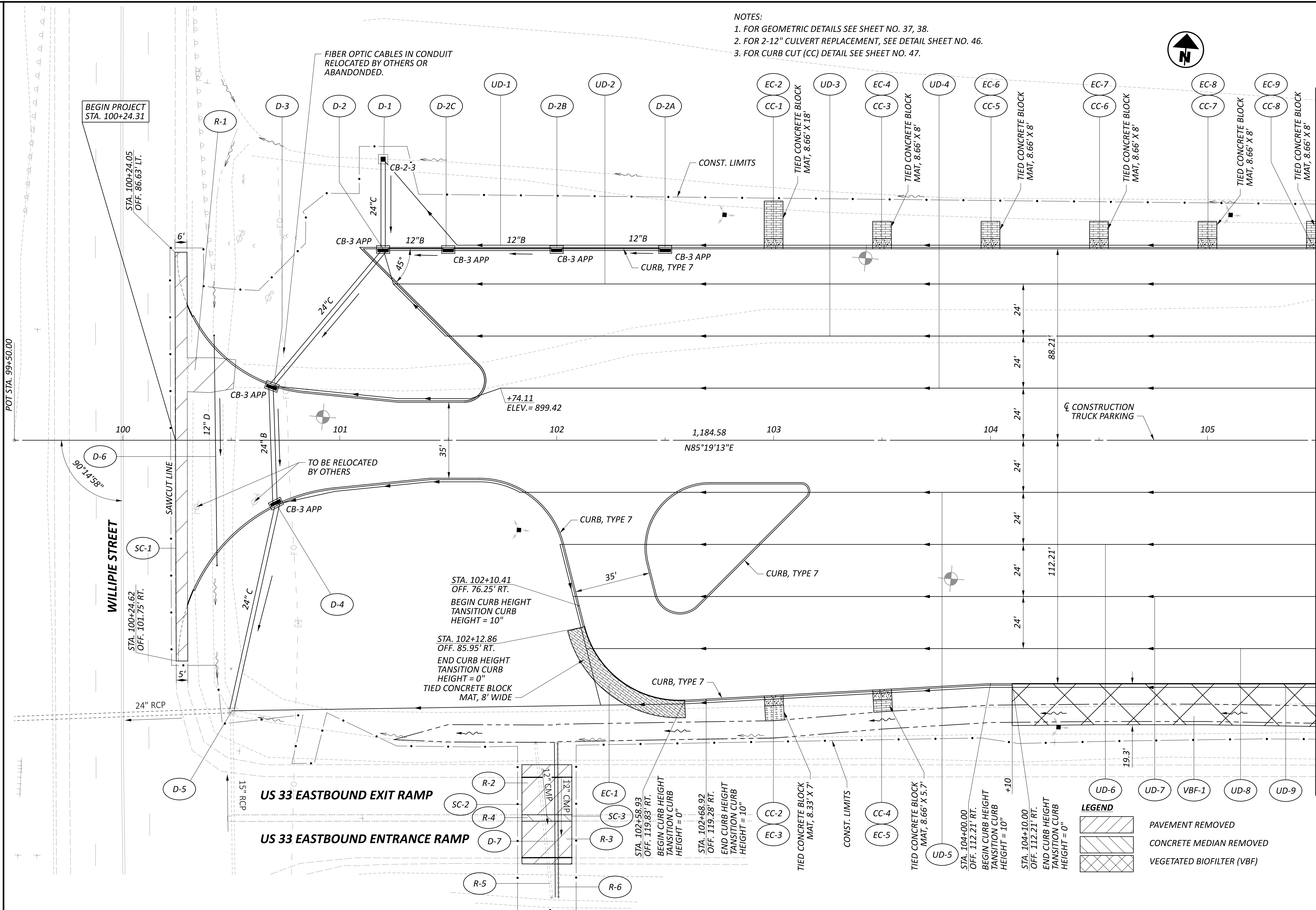
TOTAL

66

USGS MAP: WAPAKONETA QUADRANGLE WAPAKONETA, OH
LATITUDE: 40°33'18" LONGITUDE: 84°11'30"

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF CONVERTING THE EXISTING EASTBOUND LOOP RAMP INFIELD AREA AT US-33 AND WILLIPIE ST (COUNTY ROAD 25A) INTERCHANGE TO A TRUCK PARKING FACILITY. THE PROJECT ALSO INCLUDES GRADING, DRAINAGE, LIGHTING AND PAVEMENT MARKINGS WITHIN THE PARKING LOT.



HORIZONTAL SCALE IN FEET

0 20 40

TRUCK PARKING PLAN - US 33 EB & WILLIPIE STREET

STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY

Jb

DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

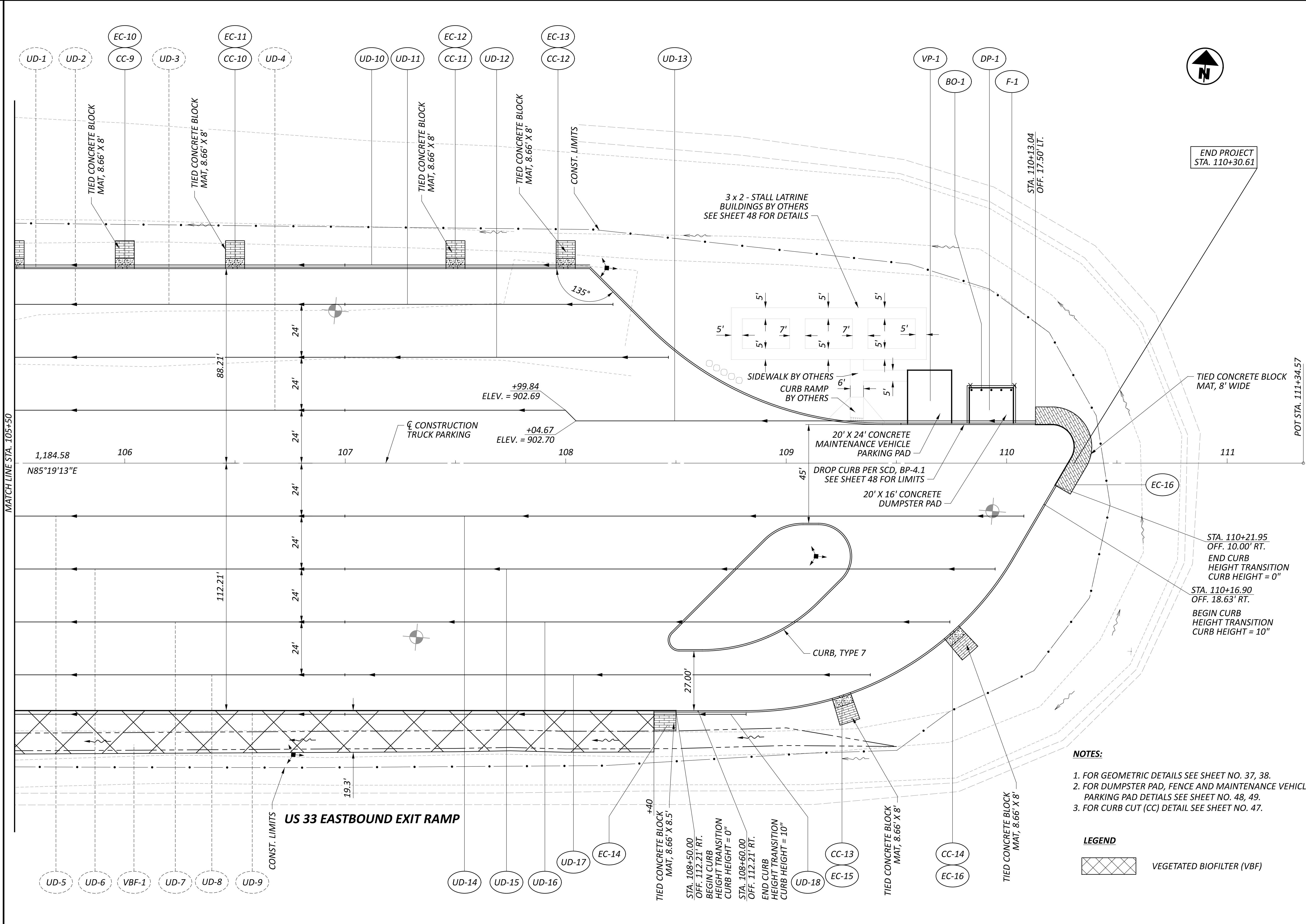
122890

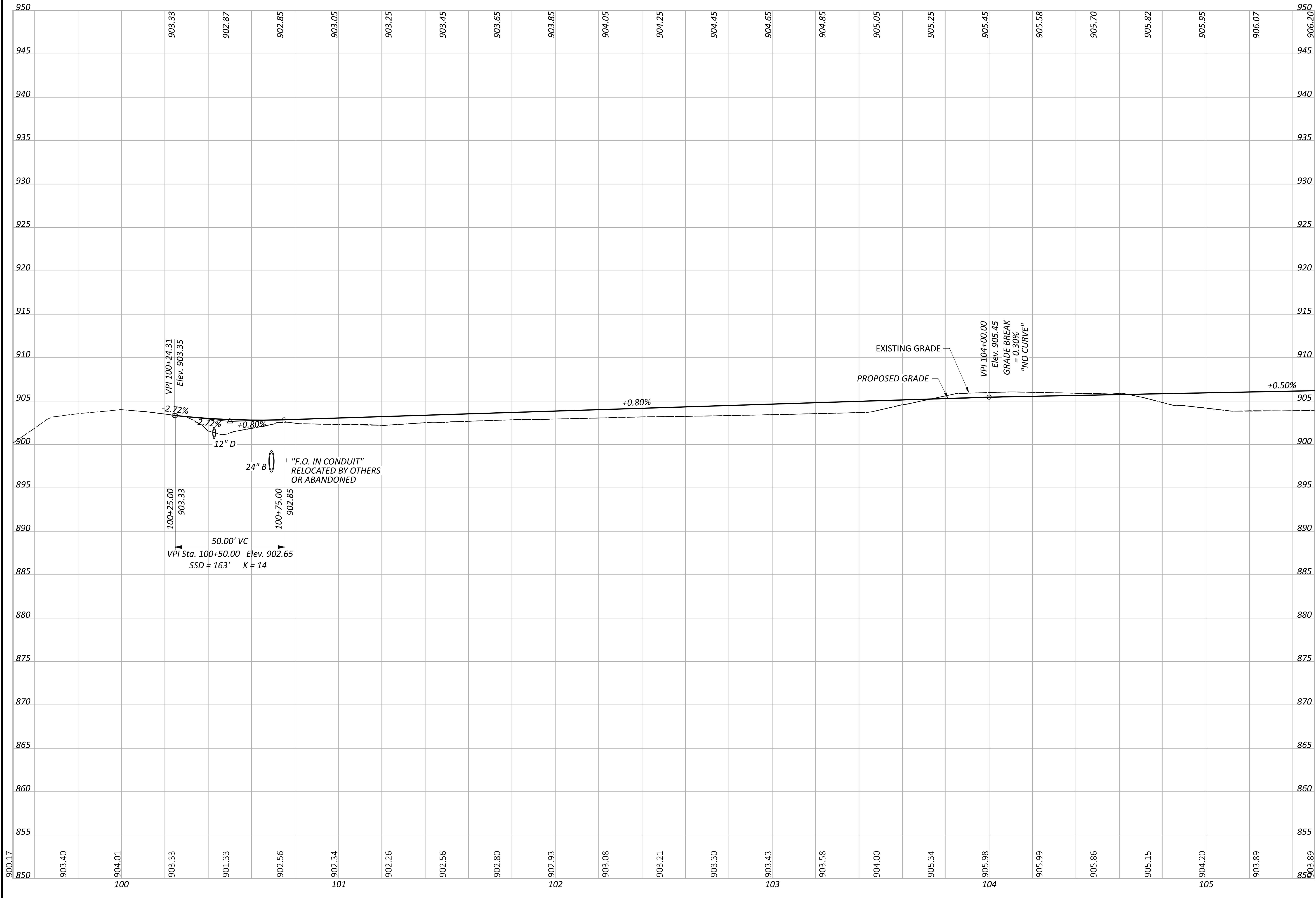
SHEET

P.19

TOTAL

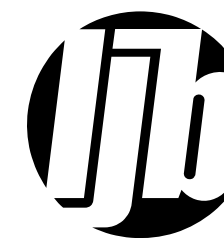
66





TRUCK PARKING PROFILE - US 33 EB & WILLIPIE STREET
STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

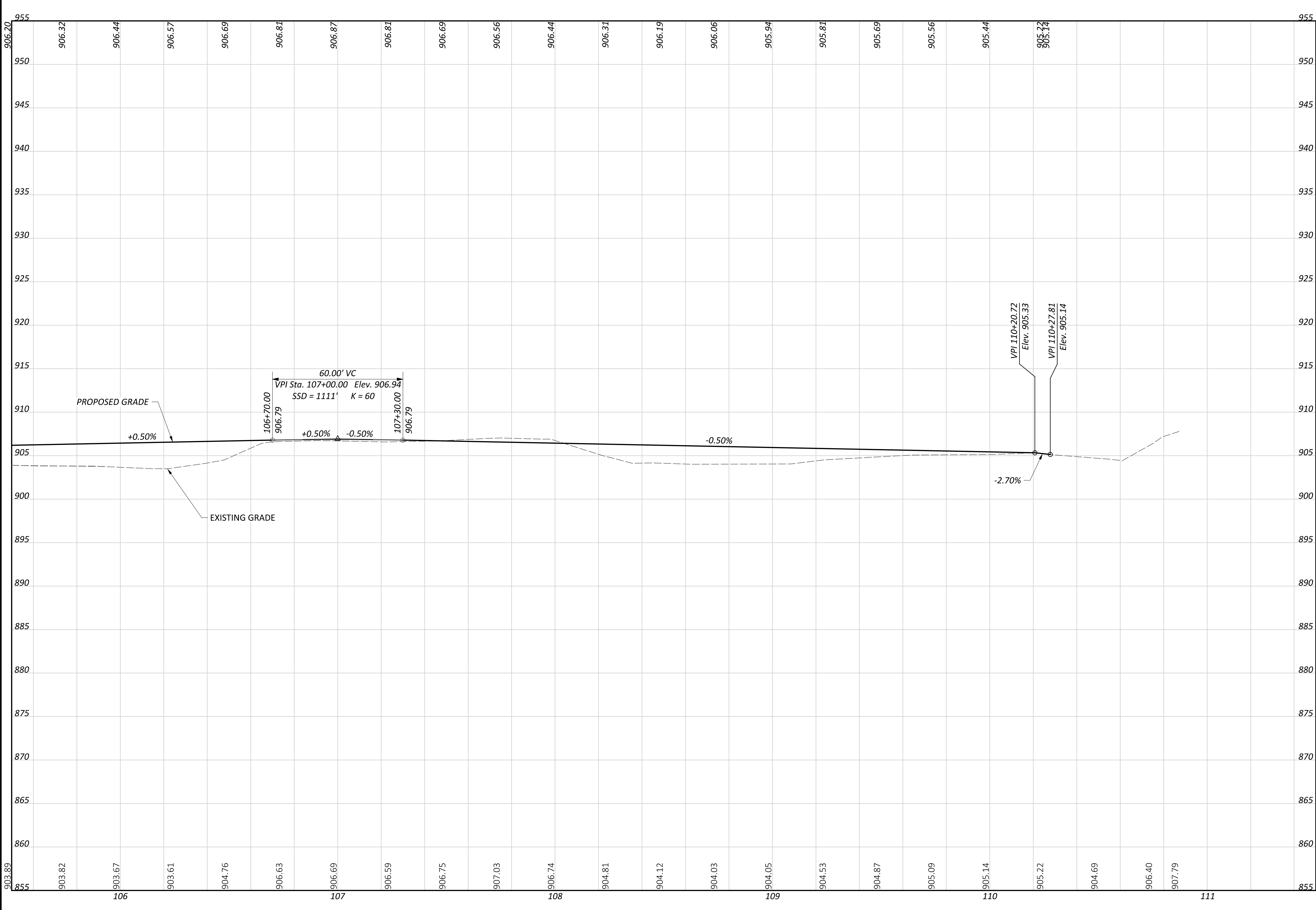
122890

SHEET

P.21

TOTAL

66



TRUCK PARKING PROFILE - US 33 EB & WILLIPIE STREET
STA. 105+50.00 TO STA. 110+30.61

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

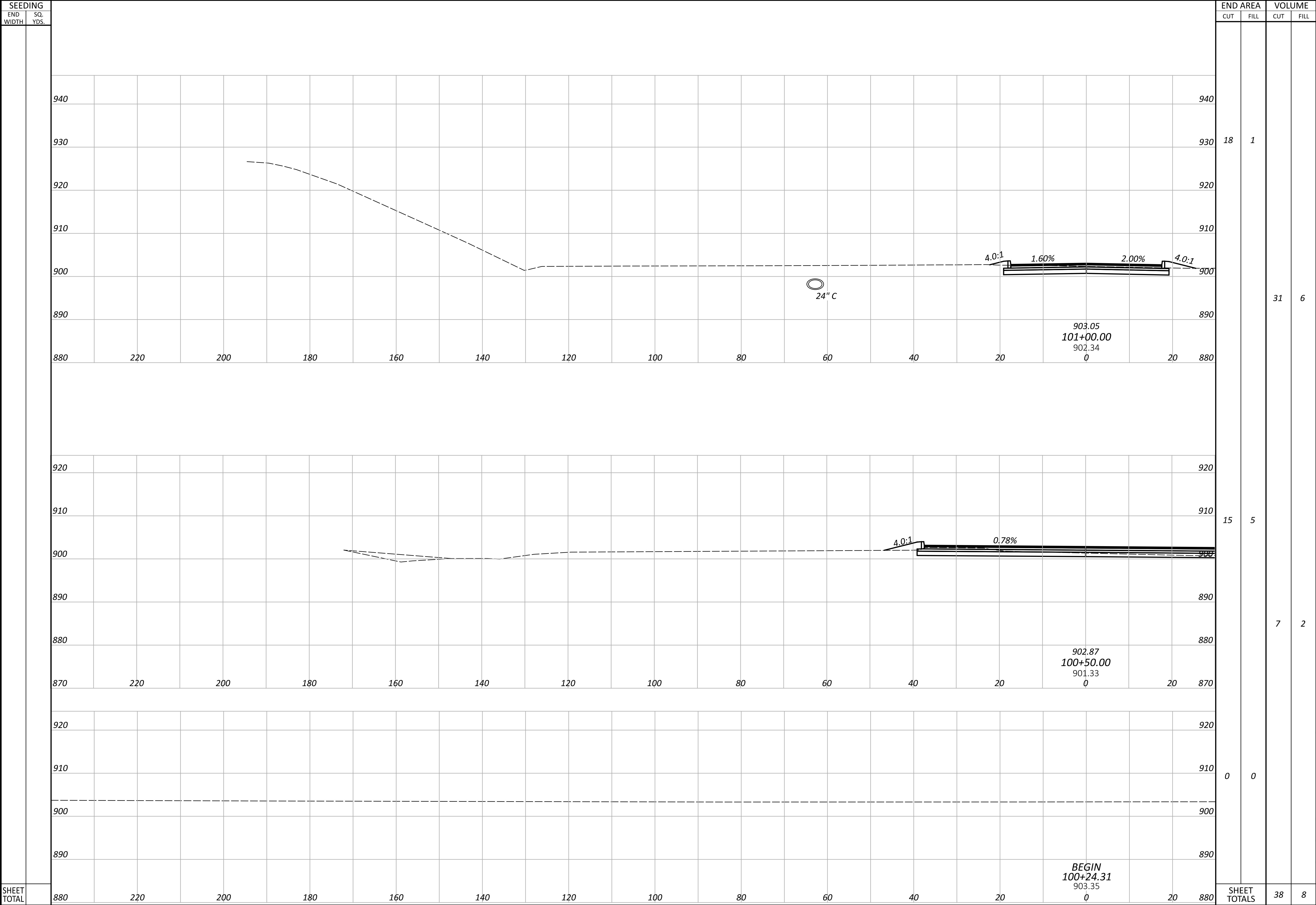
122890

SHEET

P.22

TOTAL

66



CROSS SECTION - LEFT SIDE
STA. 100+24.31 TO STA. 101+00.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

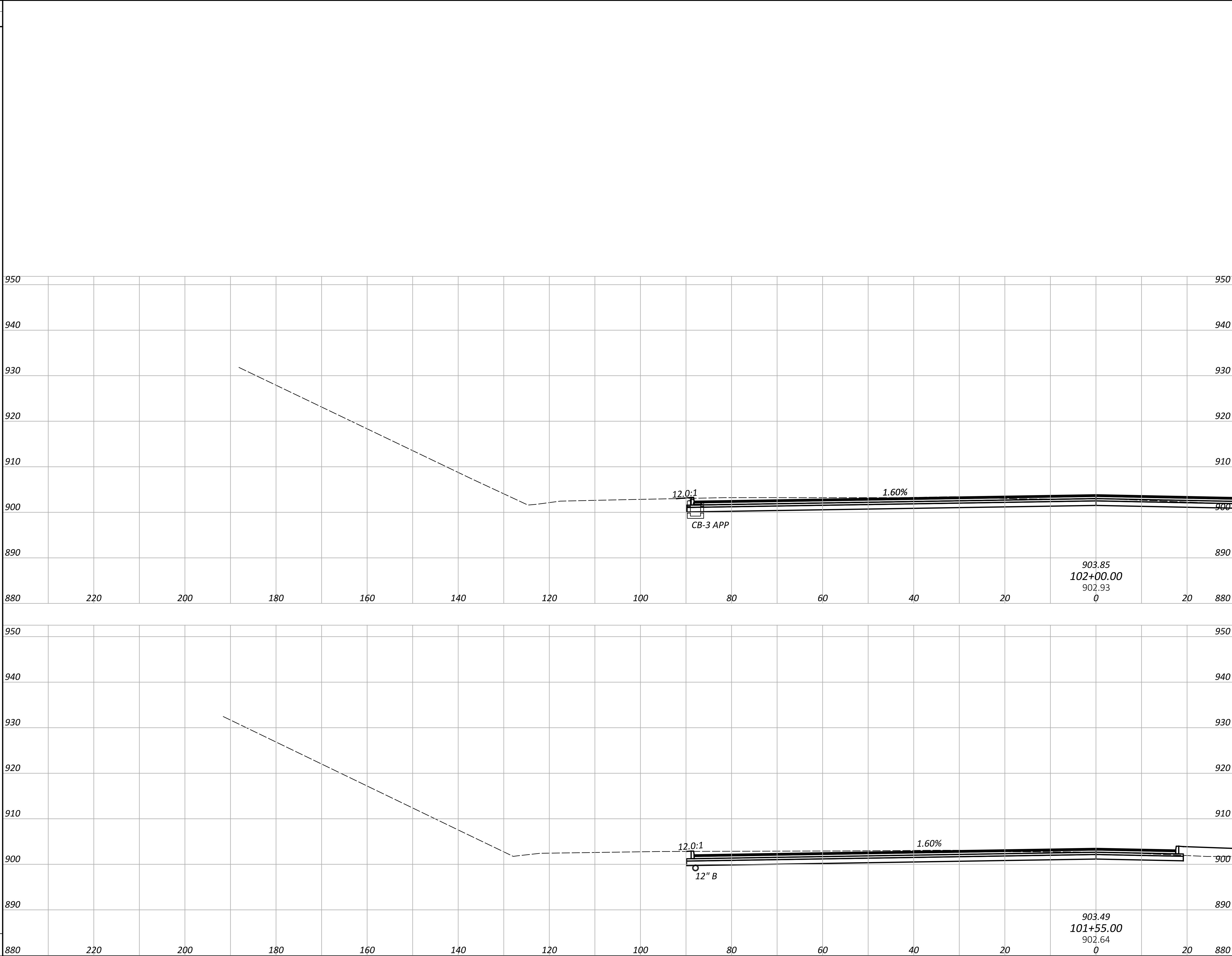
P.23

TOTAL

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
123	0	213	0
132	0	153	2
SHEET TOTALS		366	2

CROSS SECTION - LEFT SIDE

STA. 101+55.00 TO STA. 102+00.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

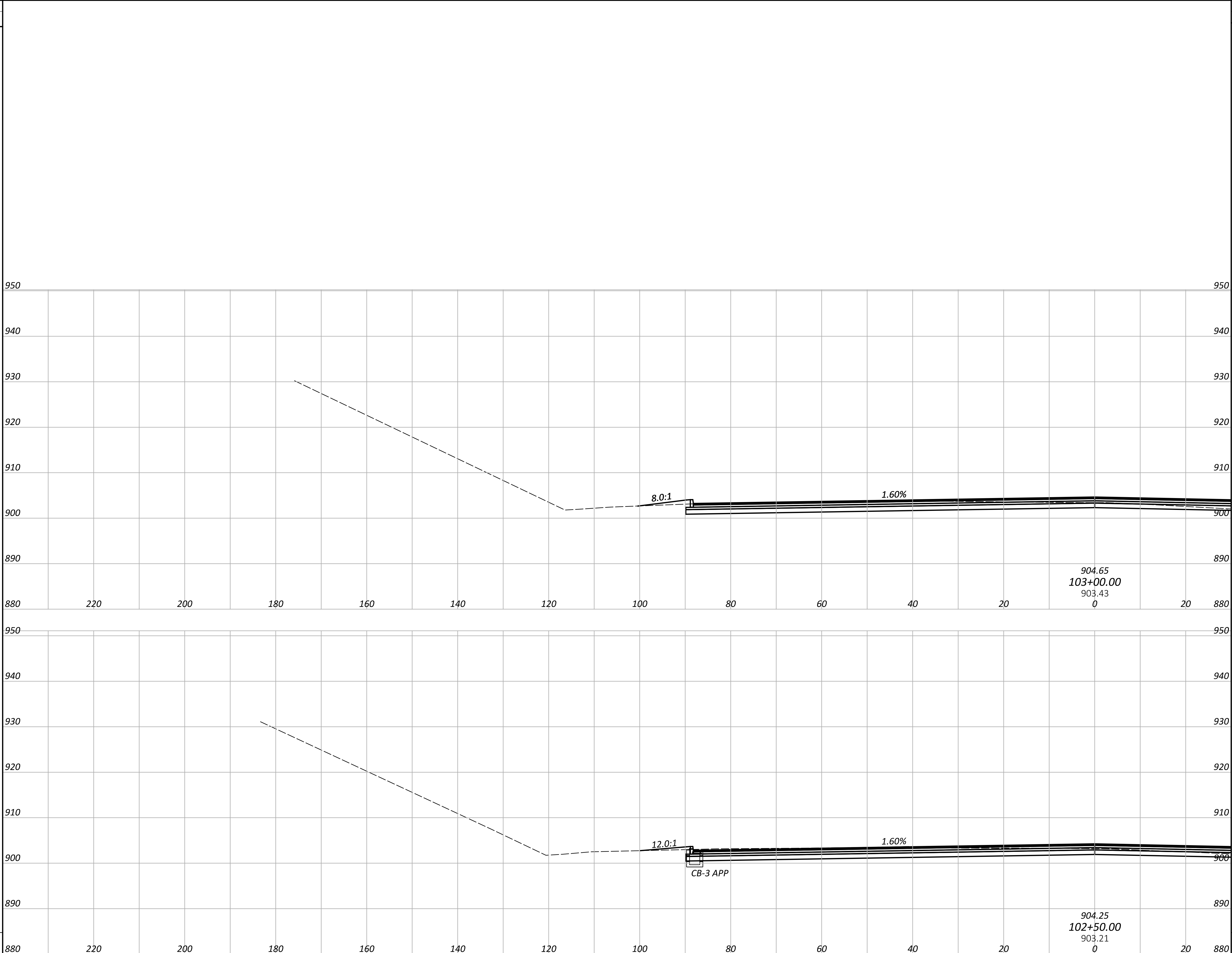
122890

SHEET	TOTAL
P.24	66

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
84	5	171	7
101	3	208	3
SHEET TOTALS		379	10

CROSS SECTION - LEFT SIDE

STA. 102+50.00 TO STA. 103+00.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

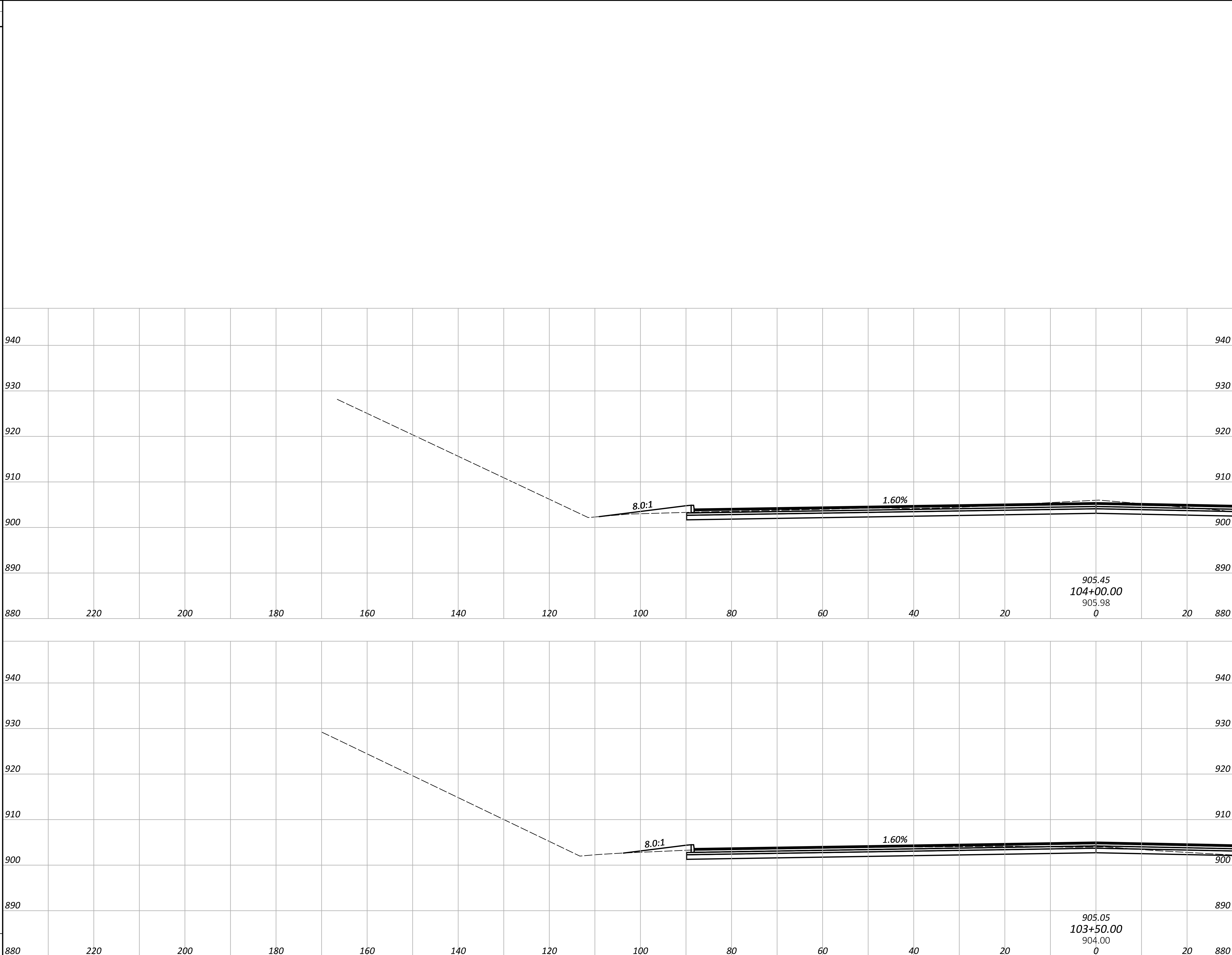
122890

SHEET	TOTAL
P.25	66

MODEL: CLIP_2 - 103+50.00-5 PAPER SIZE: 34x42 (in.) DATE: 12/22/2025 TIME: 9:36:31 AM PLTDRV: OHDOT_PDF.plt PENTBL: OHDOT Pen.tbl USER: jhensley@lbinc.com WORKSPACE: OHDOTCEV02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
86	12	150	18
76	8	148	11
SHEET TOTALS		298	29

CROSS SECTION - LEFT SIDE

STA. 103+50.00 TO STA. 104+00.00

DESIGN AGENCY

DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.26

TOTAL

66

SEEDING																						END AREA		VOLUME		
END WIDTH	SQ. YDS.																					CUT	FILL	CUT	FILL	
		940																					940			
		930																				930	43	23		
		920																				920				
		910																				910				
		900																				900				
		890																				890			82	
		880	220	200	180	160	140	120	100	80	60	40	20									880			39	
		940																				940				
		930																				930	46	19		
		920																				920				
910																				910						
900																				900						
890																				890			109			
880	220	200	180	160	140	120	100	80	60	40	20									880			27			
		940																				940				
		930																				930	72	10		
		920																				920				
		910																				910				
		900																				900				
		890																				890			147	
		880	220	200	180	160	140	120	100	80	60	40	20									880			20	
		940																				940				
		930																				930				
		920																				920				
910																				910						
900																				900						
890																				890						
880	220	200	180	160	140	120	100	80	60	40	20									880						
SHEET TOTAL		880	220	200	180	160	140	120	100	80	60	40	20								880	SHEET TOTALS		338	86	

CROSS SECTION - LEFT SIDE
STA. 104+50.00 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.27

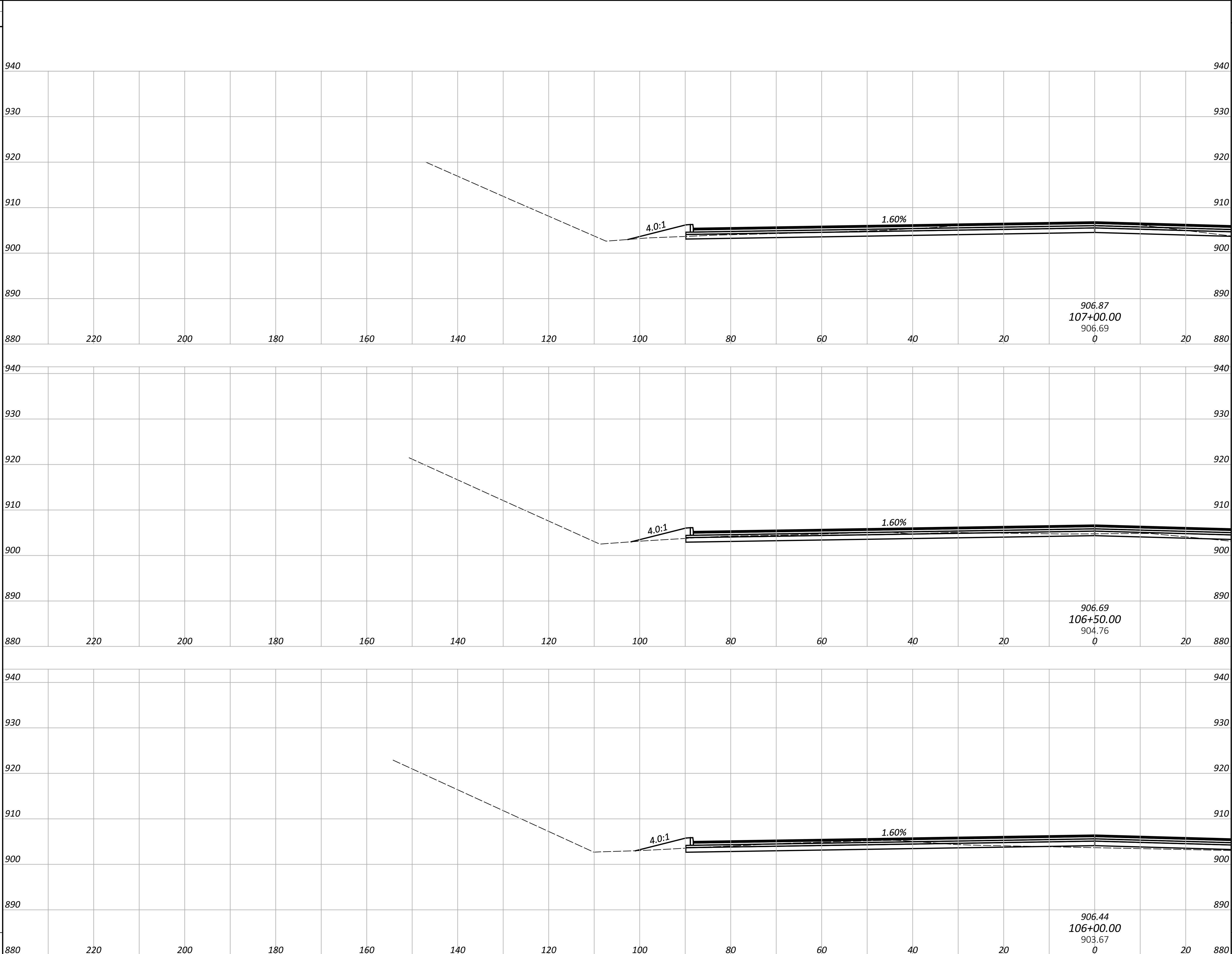
TOTAL

66

MODEL: CLIP_2 - 106+00.00-5 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:35 AM PLTDRW: OHDOT_PDF.pltcfg PENTBL: OHDOT Pen.tbl USER: jhensley@lbinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
47	21	57	40
15	22	40	58
29	40	67	59
SHEET TOTALS		164	157

CROSS SECTION - LEFT SIDE
STA. 106+00.00 TO STA. 107+00.00

DESIGN AGENCY

DESIGNER
JAH

REVIEWER
RN 12/18/25

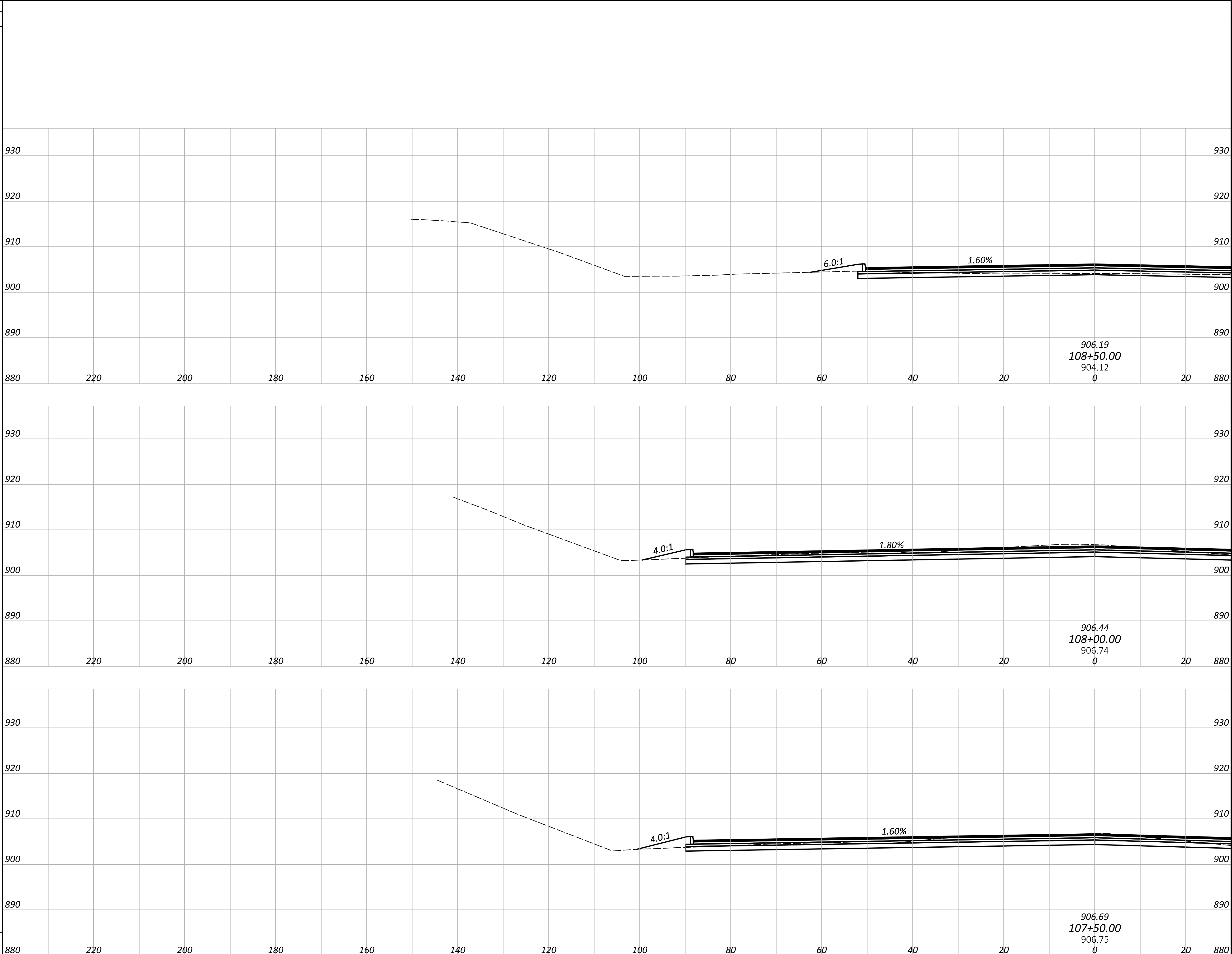
PROJECT ID
122890

SHEET P.28 | TOTAL 66

MODEL: CLP_2 - 107+50.00-5 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:37 AM PLTDRW: OHDOT.PDF-pltctg PENTBL: OHDOT Pen.tbl USER: jhensley@ljblinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205

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SEEDING	
END WIDTH	SQ. YDS.
SHEET TOTAL	



END AREA		VOLUME	
CUT	FILL	CUT	FILL
5	22	76	29
78	10	127	21
59	13	98	31
SHEET TOTALS		301	81

CROSS SECTION - LEFT SIDE

STA. 107+50.00 TO STA. 108+50.00

DESIGN AGENCY

DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

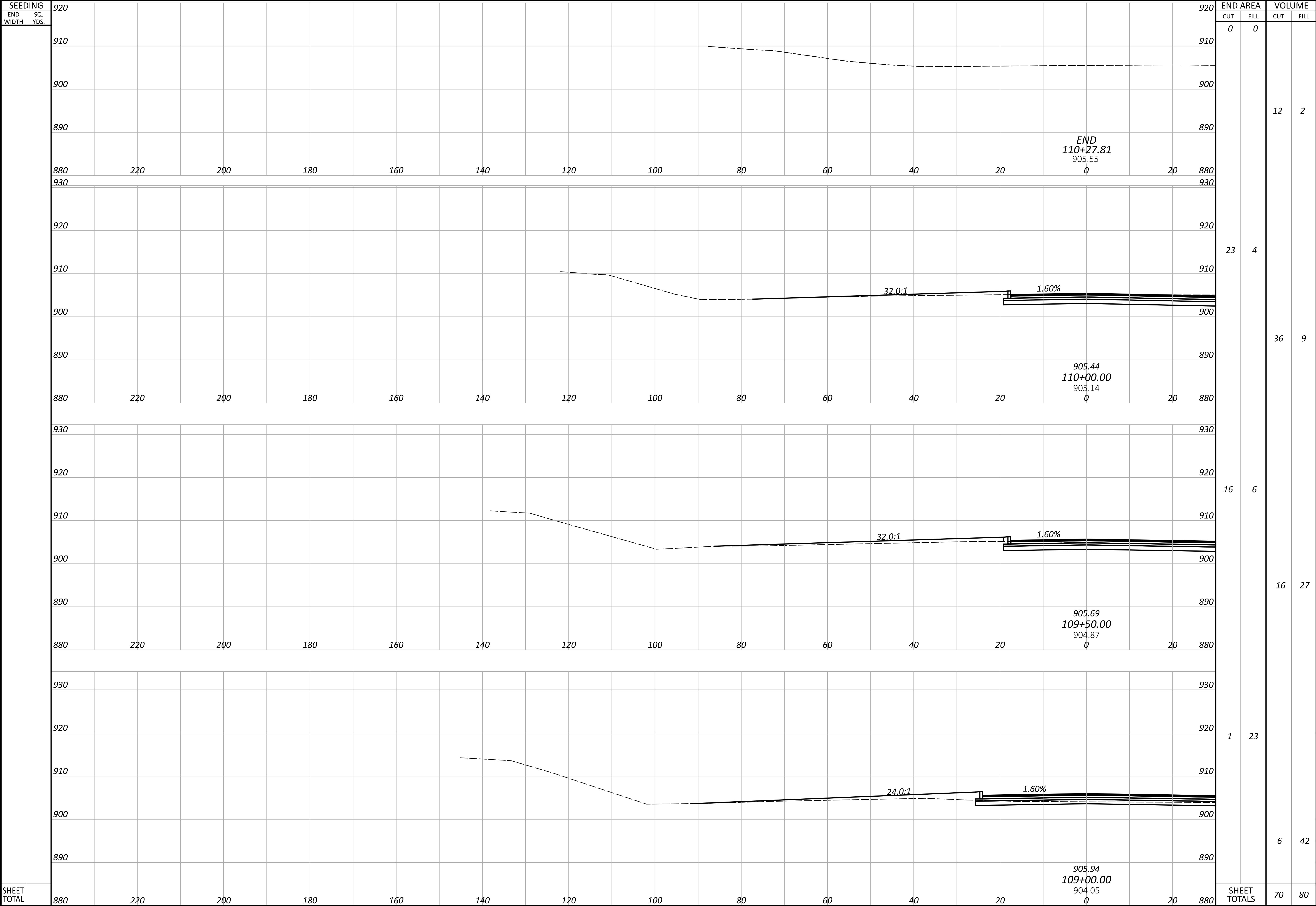
SHEET

P.29

TOTAL

66

MODEL: CLIP_2 - 109+00.00-5 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:41 AM PLTDRV: OHDOT_PDF-pltcfg PENTBL: OHDOT Pen.tbl USER: jhensley@ljblinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205
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CROSS SECTION - LEFT SIDE
STA. 109+00.00 TO STA. 110+27.81

DESIGN AGENCY


DESIGNER
JAH

REVIEWER
RN 12/18/25

PROJECT ID
122890

SHEET
P.30

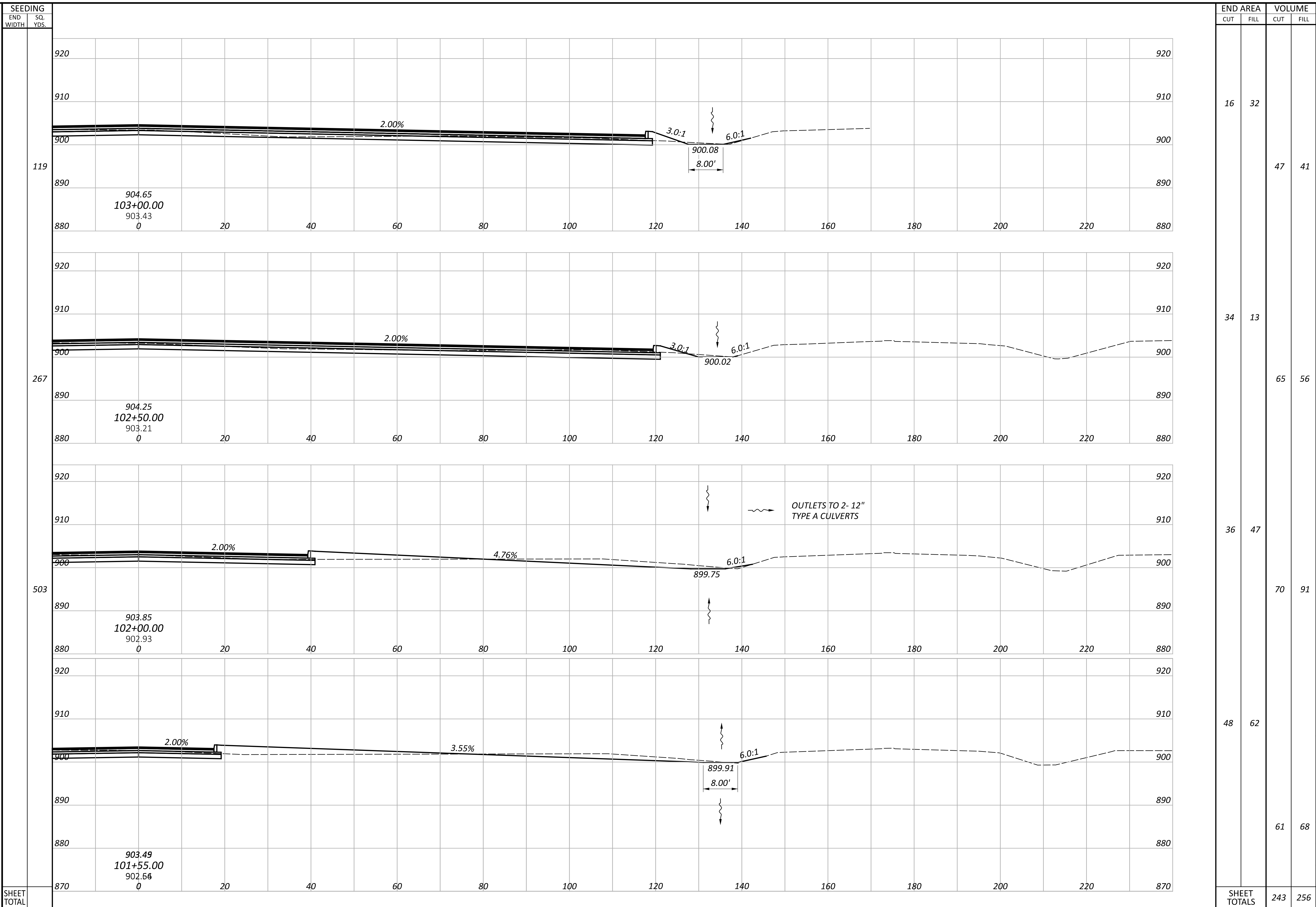
TOTAL
66

AUG-33-TP

MODEL: CLP_3 - 100-00-00 PAPERSIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:50 AM PUTDRV: OHDOT_PDF-pltctfg PENTBL: OHDOT Pen.tbl USER: jhensley@ljblinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.2005
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[illegible]

MODEL: CLP_3 - 101+50.00 PAPER: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:53 AM PLTDRV: OHDOT_PDF.plt PENTBL: OHDOT_Pen.tbl USER: jhensley@jbrinc.com WORKSPACE: OHDOTCEV02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205
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CROSS SECTION - RIGHT SIDE
STA. 101+55.00 TO STA. 103+00.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.32

TOTAL

66

MODEL: CLP_3 - 103+50.00 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:56 AM PLTDRV: OHDOT_PDF.pltcfg PENTBL: OHDOT_Pen.tbl USER: jhensley@jlbinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205
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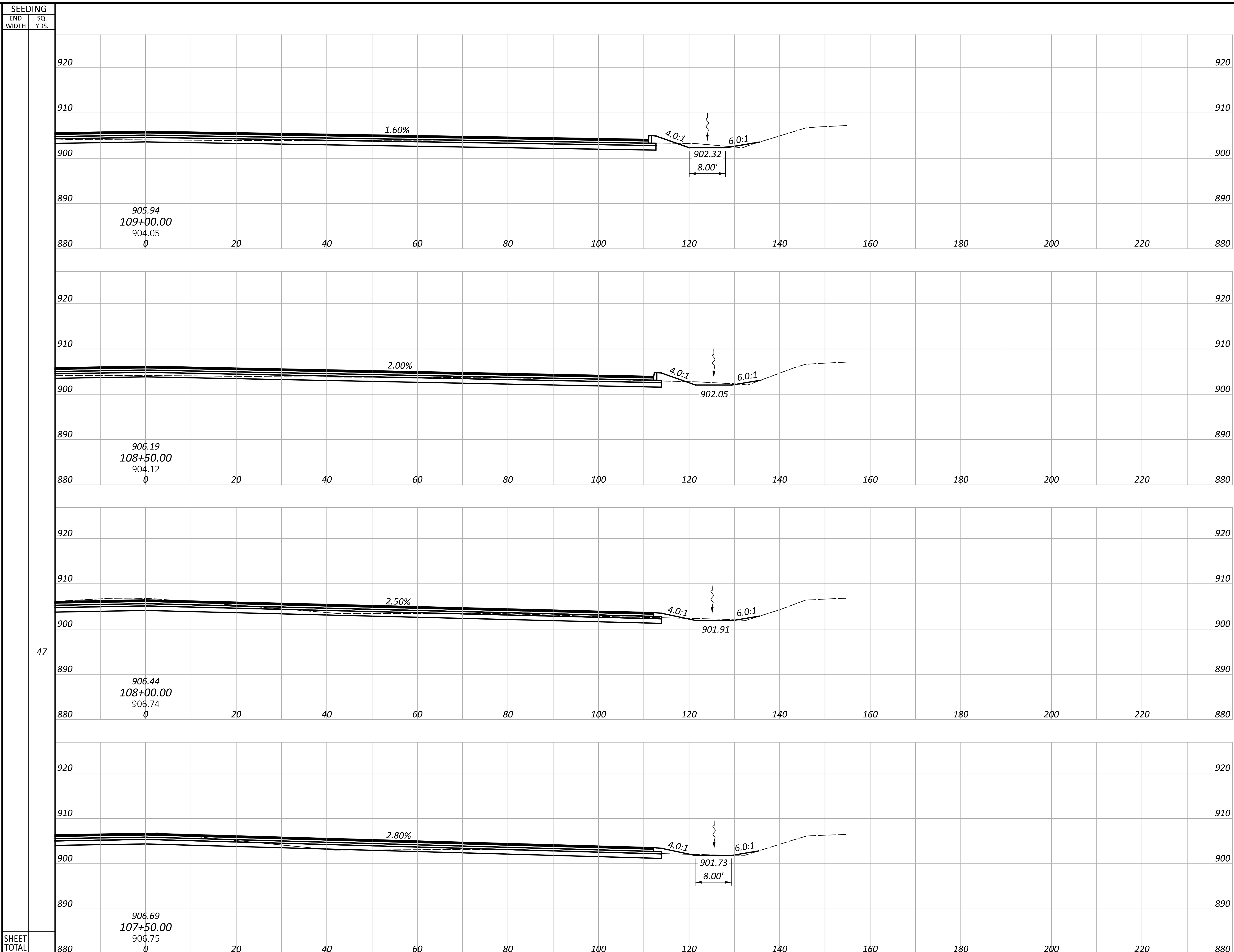
SEEDING																						END AREA		VOLUME		CROSS SECTION - RIGHT SIDE STA. 103+50.00 TO STA. 105+00.00	
END WIDTH	SQ. YDS.																					CUT	FILL	CUT	FILL		
		920																						920			
		910																						910			
		900																						900			
		890																						890			
		880																						880			
																		</									

AUG-33-TP

MODEL: CLP_3 - 105x50.00 PAPERSIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:36:58 AM PUTDRV: OHDOT_PDF-pltctfg PENTBL: OHDOT Pen.tbl USER: jhensley@ljblinc.com WORKSPACE: OHDOTCEv02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.2025
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[illegible]

MODEL: CLP_3 - 107+50.00 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:37:01 AM PLTDRV: OHDOT_PDF.plt CFG: PENTBL: OHDOT_Pen.tbl USER: jhensley@jbrinc.com WORKSPACE: OHDOTCEV02 WORKSET: 122890 PRODUCT: OpenRoads Designer 24.00.00.205
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END AREA		VOLUME	
CUT	FILL	CUT	FILL
33	19	52	43
23	27	59	39
40	15	58	49
22	38	38	109
SHEET TOTALS		207	240

CROSS SECTION - RIGHT SIDE
STA. 107+50.00 TO STA. 109+00.00

DESIGN AGENCY


DESIGNER
JAH

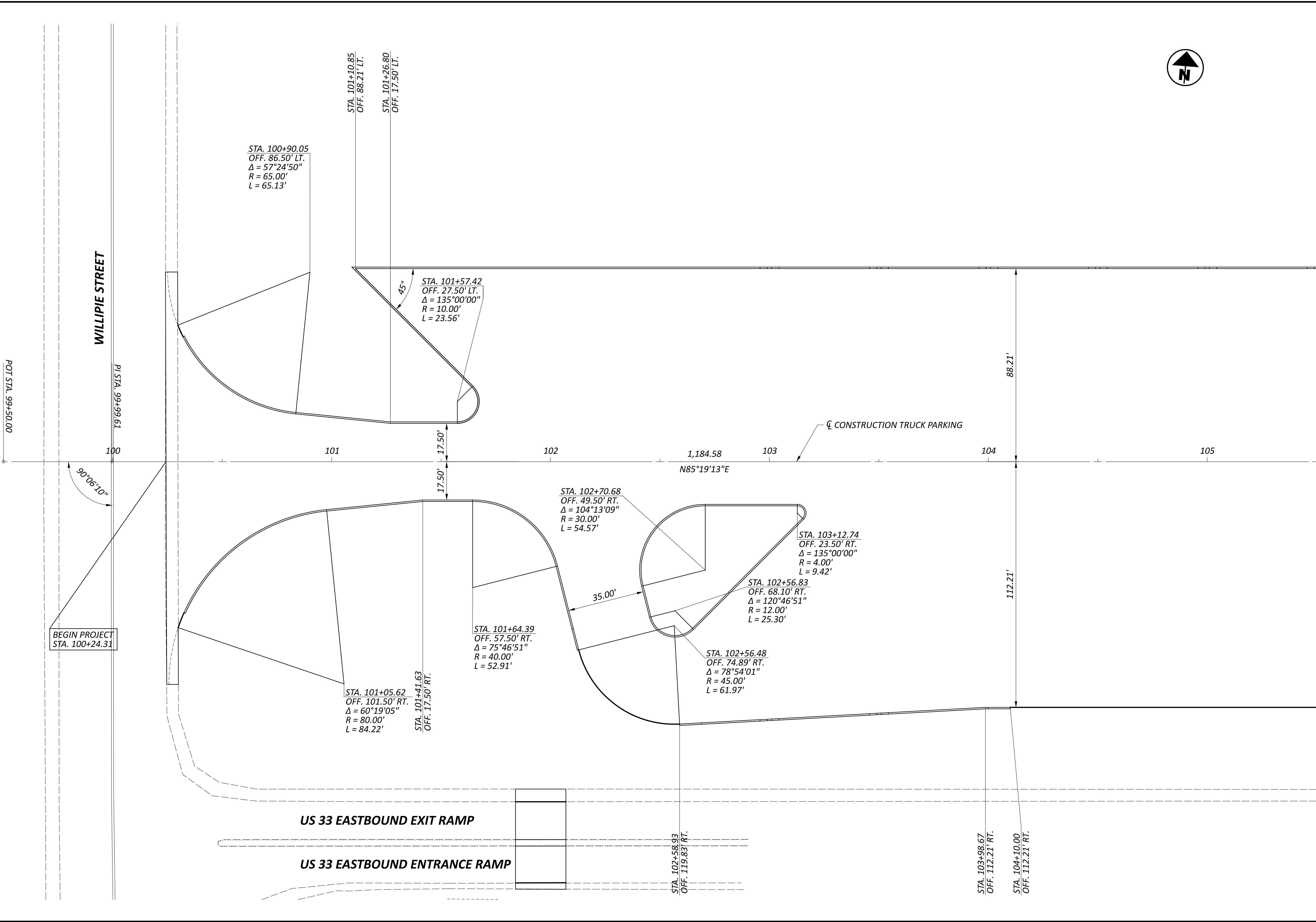
REVIEWER
RN 12/18/25

PROJECT ID
122890

SHEET P.35 | TOTAL 66

MODEL: CLP_3 - 109+50.00 PAPER SIZE: 34x22 (in.) DATE: 12/22/2025 TIME: 9:37:04 AM PLTDRV: OHDOT_PDF.plt CFG: PENTBL: OHDOT_Pen.tbl USER: jhensley@jbrinc.com WORKSPACE: OHDOTCEV02 WORKSET: 122890 PRODUCT: OpenRoadsDesigner 24.00.00.205
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SEEDING																						END AREA		VOLUME		CROSS SECTION - RIGHT SIDE STA. 109+50.00 TO STA. 110+27.81														
END WIDTH	SQ. YDS.																					CUT	FILL	CUT	FILL															
SHEET TOTAL		920																				920																		
		910																				910																		
		900																				900																		
		890																				890																		
		880																				880																		
		END 110+27.81 905.55 0 20406080100120140160180200220																																						
SHEET TOTAL		920																				920																		
		910																				910																		
		900																				900																		
		890																				890																		
		880																				880																		
		905.44 110+00.00 905.14 0 20406080100120140160180200220																																						
SHEET TOTAL		920																				920																		
		910																				910																		
		900																				900																		
		890																				890																		
		880																				880																		
		905.69 109+50.00 904.87 0 20406080100120140160180200220																																						



MATCH LINE STA. 105+50

TRUCK PARKING GEOMETRIC DETAILS
STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

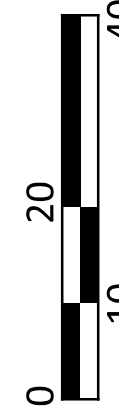
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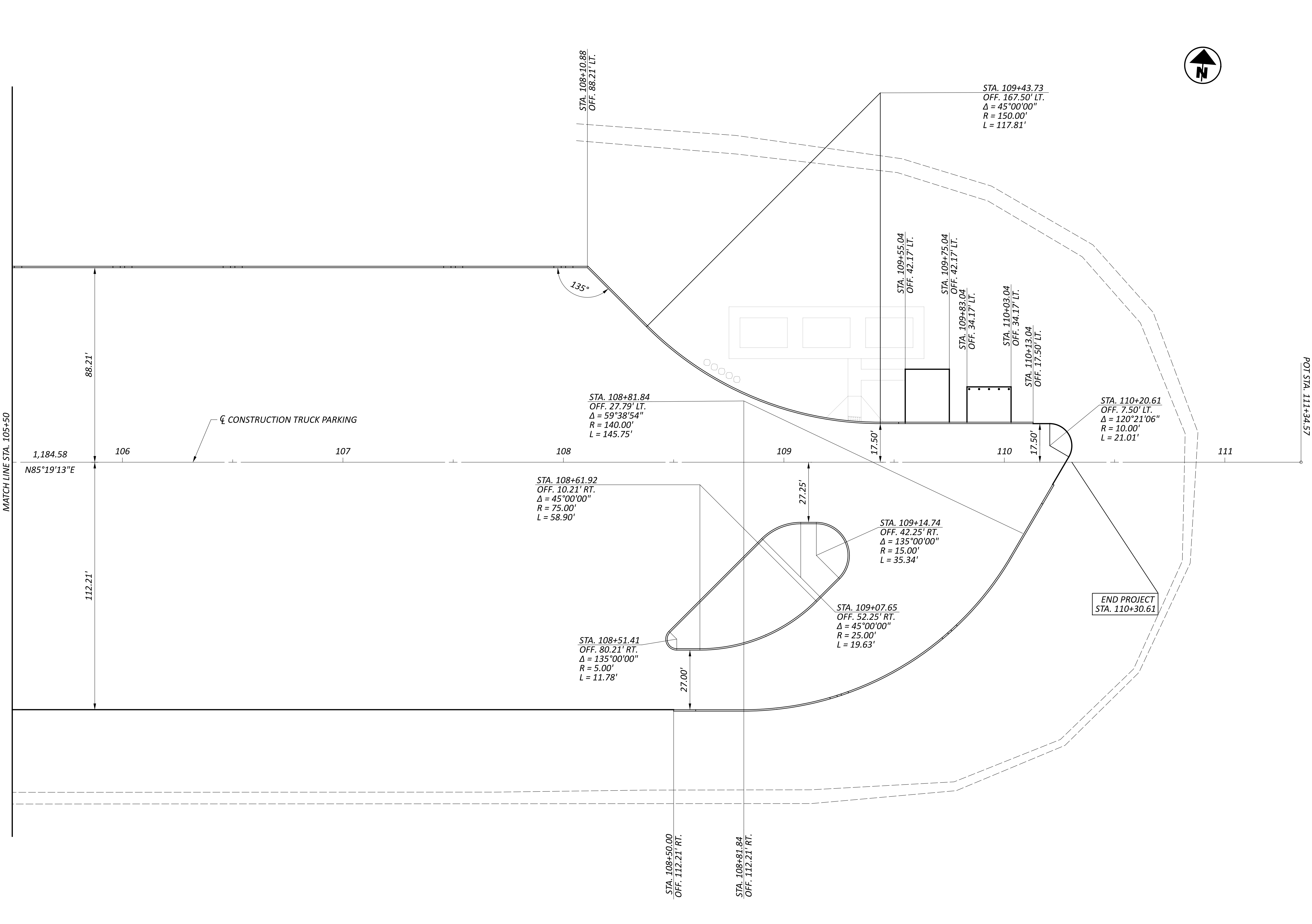
P.37

TOTAL

66

HORIZONTAL
SCALE IN FEET





TRUCK PARKING GEOMETRIC DETAILS
STA. 105+50.00 TO STA. 110+30.61

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

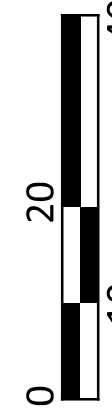
SHEET

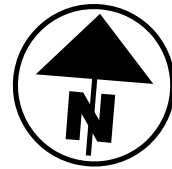
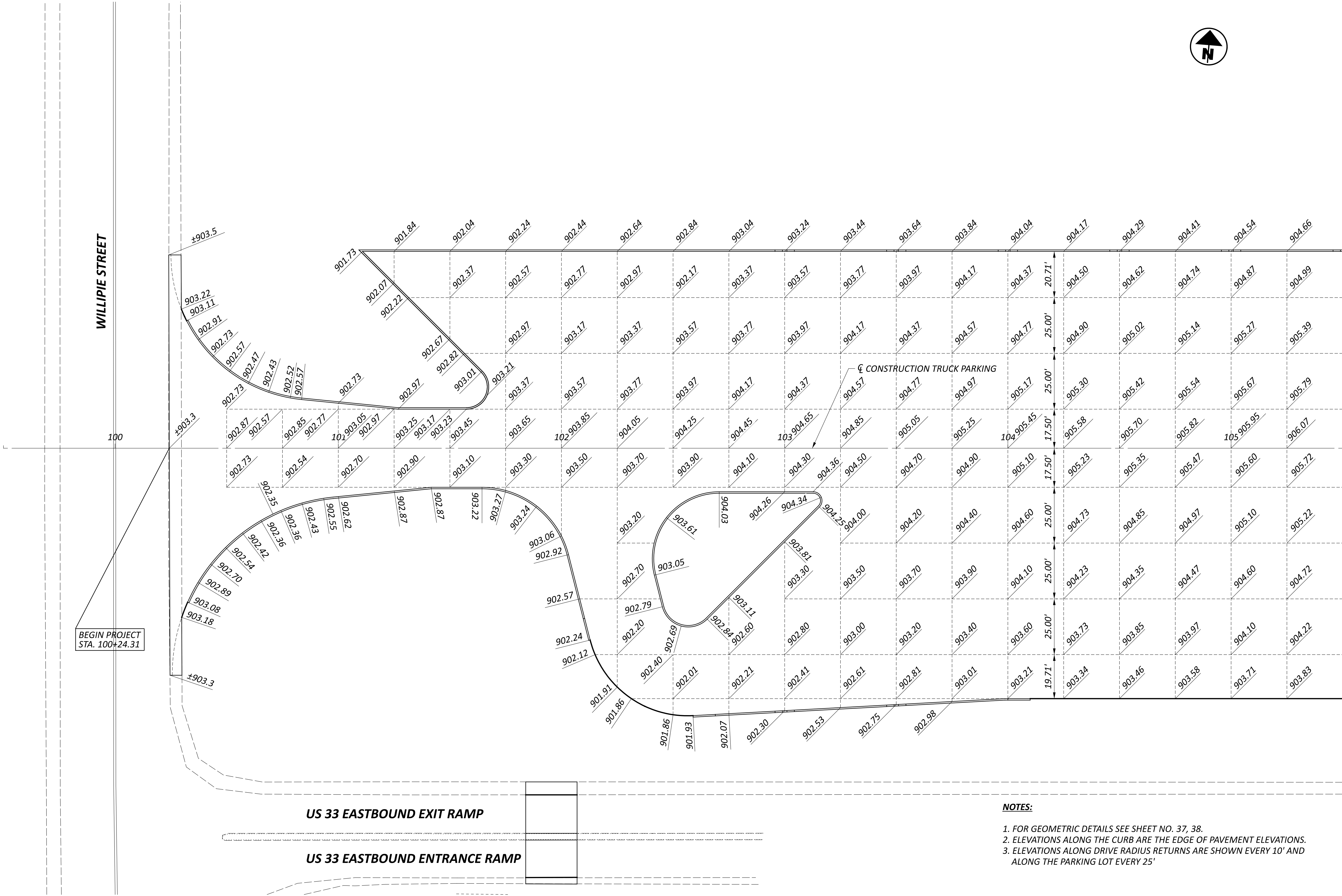
P.38

TOTAL

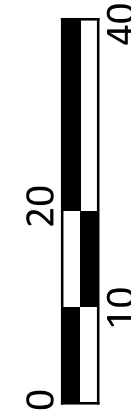
66

HORIZONTAL
SCALE IN FEET





HORIZONTAL
SCALE IN FEET



TRUCK PARKING ELEVATION DETAILS
STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.39

TOTAL

66



TRUCK PARKING ELEVATION DETAILS
STA. 105+50.00 TO STA. 110+30.61



DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

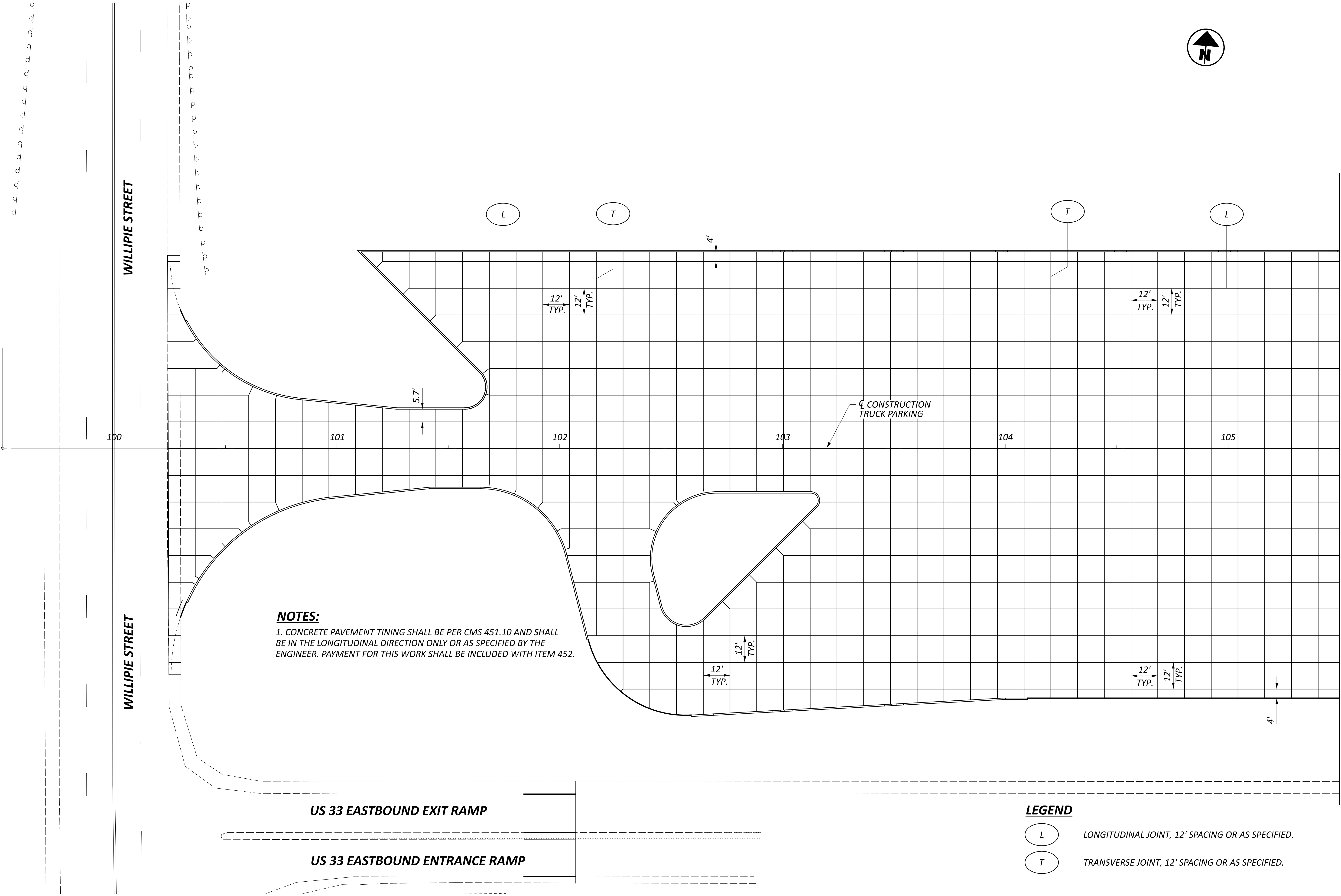
PROJECT ID
122890

SHEET	TOTAL
P.40	66

NOTES:

1. FOR GEOMETRIC DETAILS SEE SHEET NO. 37, 38.
2. ELEVATIONS ALONG THE CURB ARE THE EDGE OF PAVEMENT ELEVATIONS.
3. ELEVATIONS ALONG DRIVE RADIUS RETURNS ARE SHOWN EVERY 10' AND ALONG THE PARKING LOT EVERY 25'
4. ELEVATIONS FOR THE CRUB RAMP, DUMPSTER PAD AND VEHICLE PARKING PAD SEE SHEET NO. 48

POT STA. 99+50.00



LEGEND



LONGITUDINAL JOINT, 12' SPACING OR AS SPECIFIED.



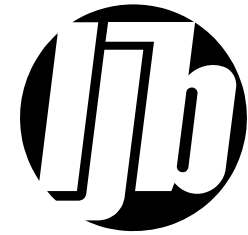
TRANSVERSE JOINT, 12' SPACING OR AS SPECIFIED.



MATCH LINE STA. 105+50

TRUCK PARKING CONCRETE JOINT PLAN
STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

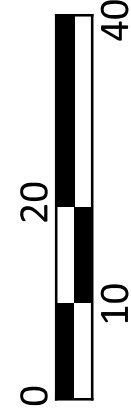
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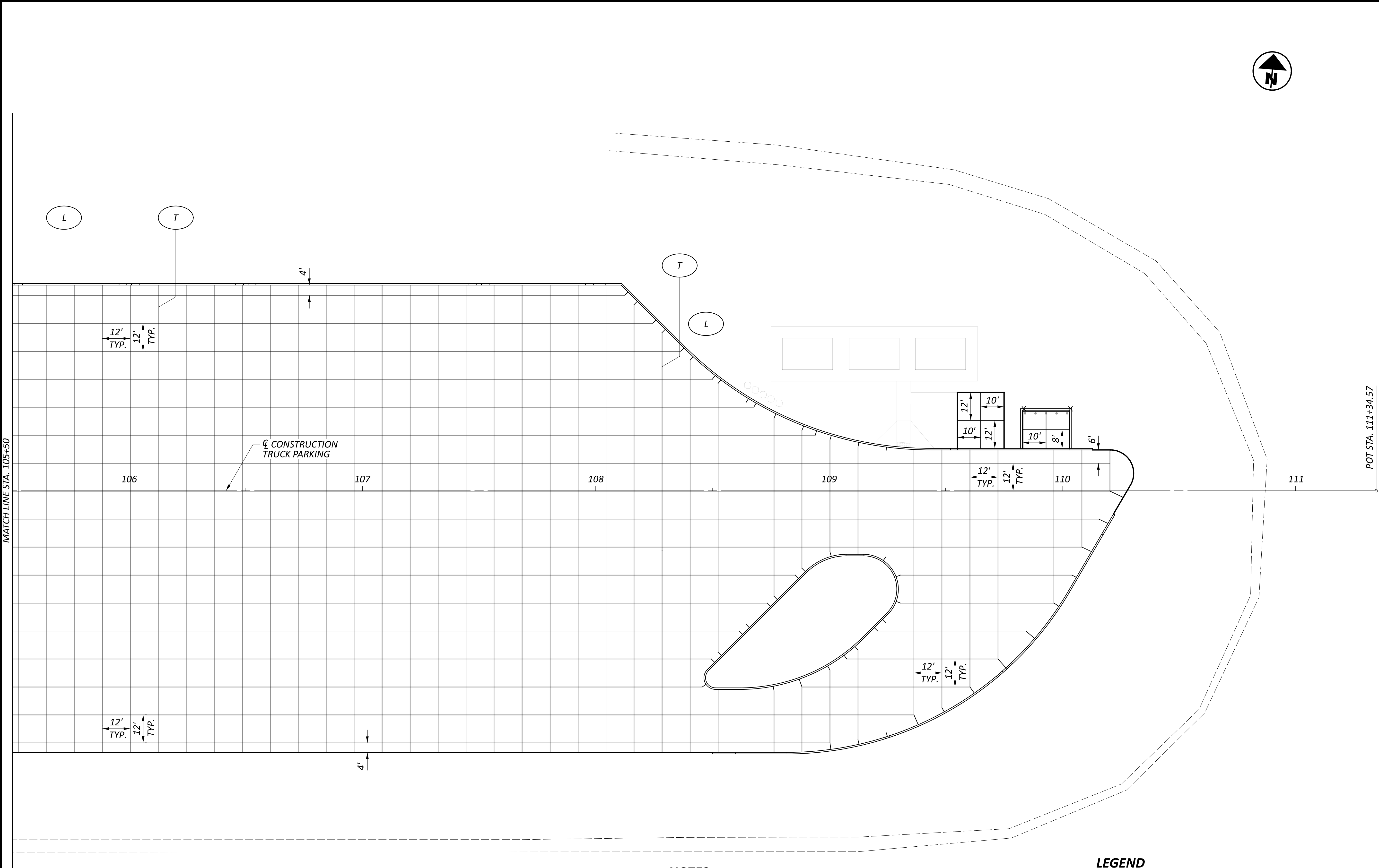
P.41

TOTAL

66

HORIZONTAL
SCALE IN FEET





US 33 EASTBOUND EXIT RAMP

NOTES:

1. CONCRETE PAVEMENT TINGING SHALL BE PER CMS 451.10 AND SHALL BE IN THE LONGITUDINAL DIRECTION ONLY OR AS SPECIFIED BY THE ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED WITH ITEM 452.

LEGEND

- L LONGITUDINAL JOINT, 12' SPACING OR AS SPECIFIED.
- T TRANSVERSE JOINT, 12' SPACING OR AS SPECIFIED.



HORIZONTAL
SCALE IN FEET

0

10

20

40

TRUCK PARKING CONCRETE JOINT PLAN
STA. 105+50.00 TO STA. 110+30.61

DESIGN AGENCY

DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

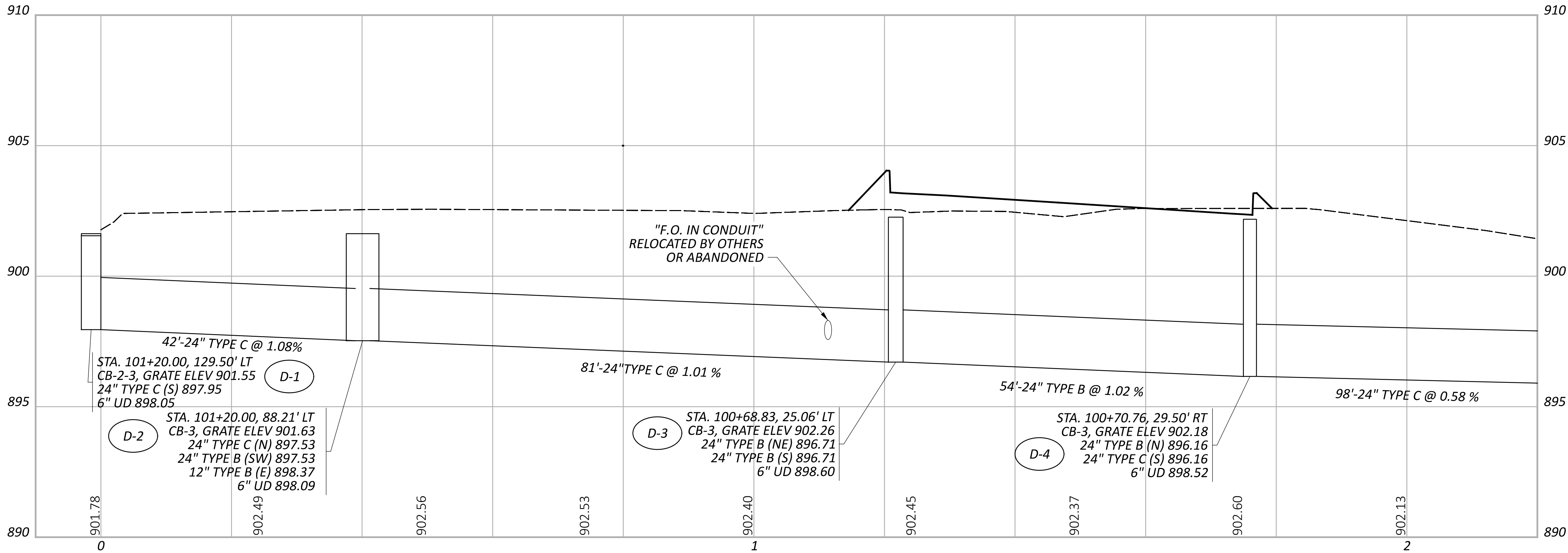
122890

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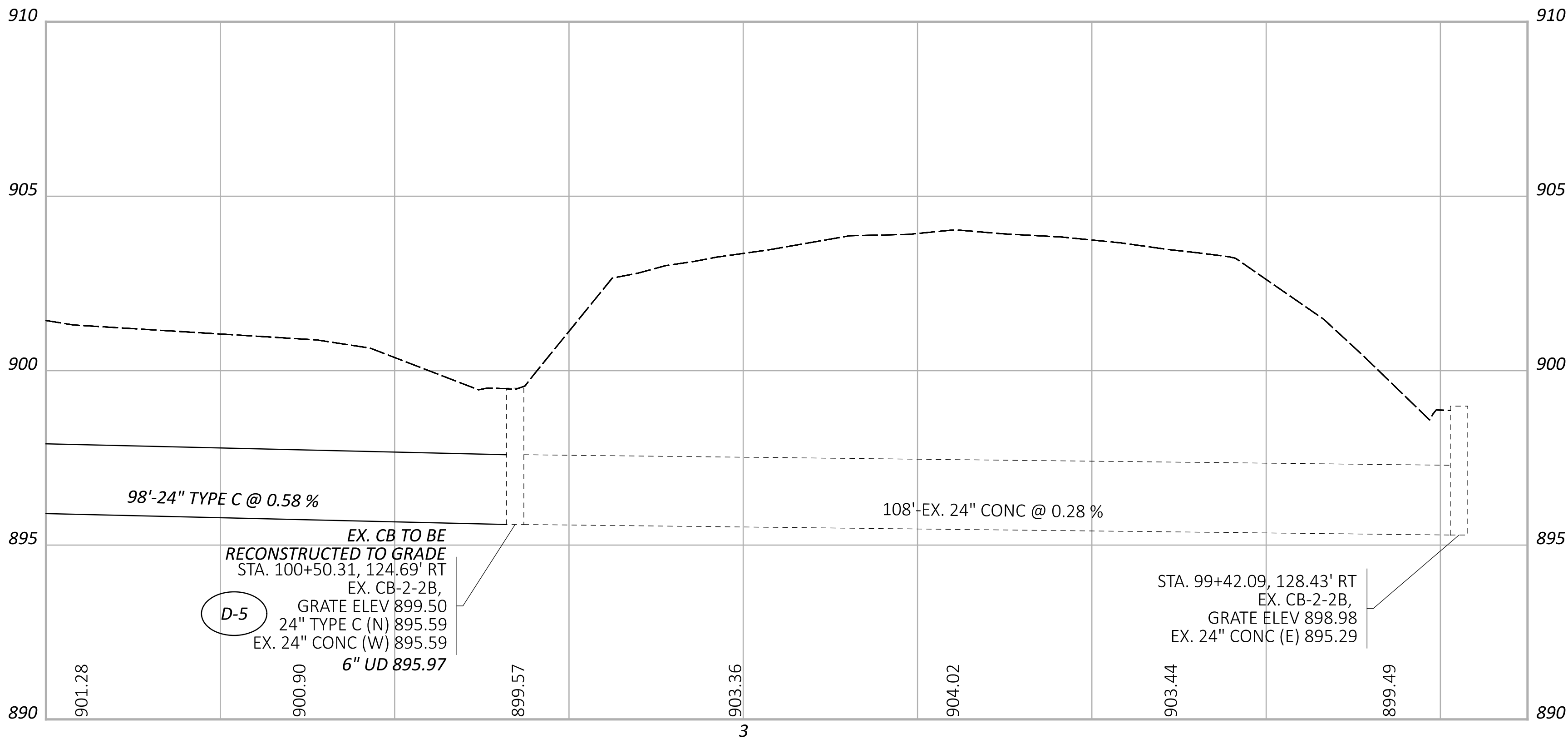
P.42

TOTAL

66

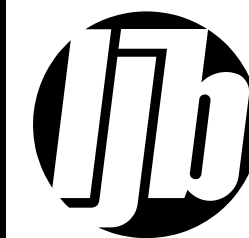


NOTE:
1. ALL CB-3 CATCH BASINS ARE AS PER
PLAN SEE SHEET NO. 6



TRUCK PARKING
STORM SEWER PROFILES

DESIGN AGENCY



DESIGNER

HBK

REVIEWER

RN 11/03/25

PROJECT ID

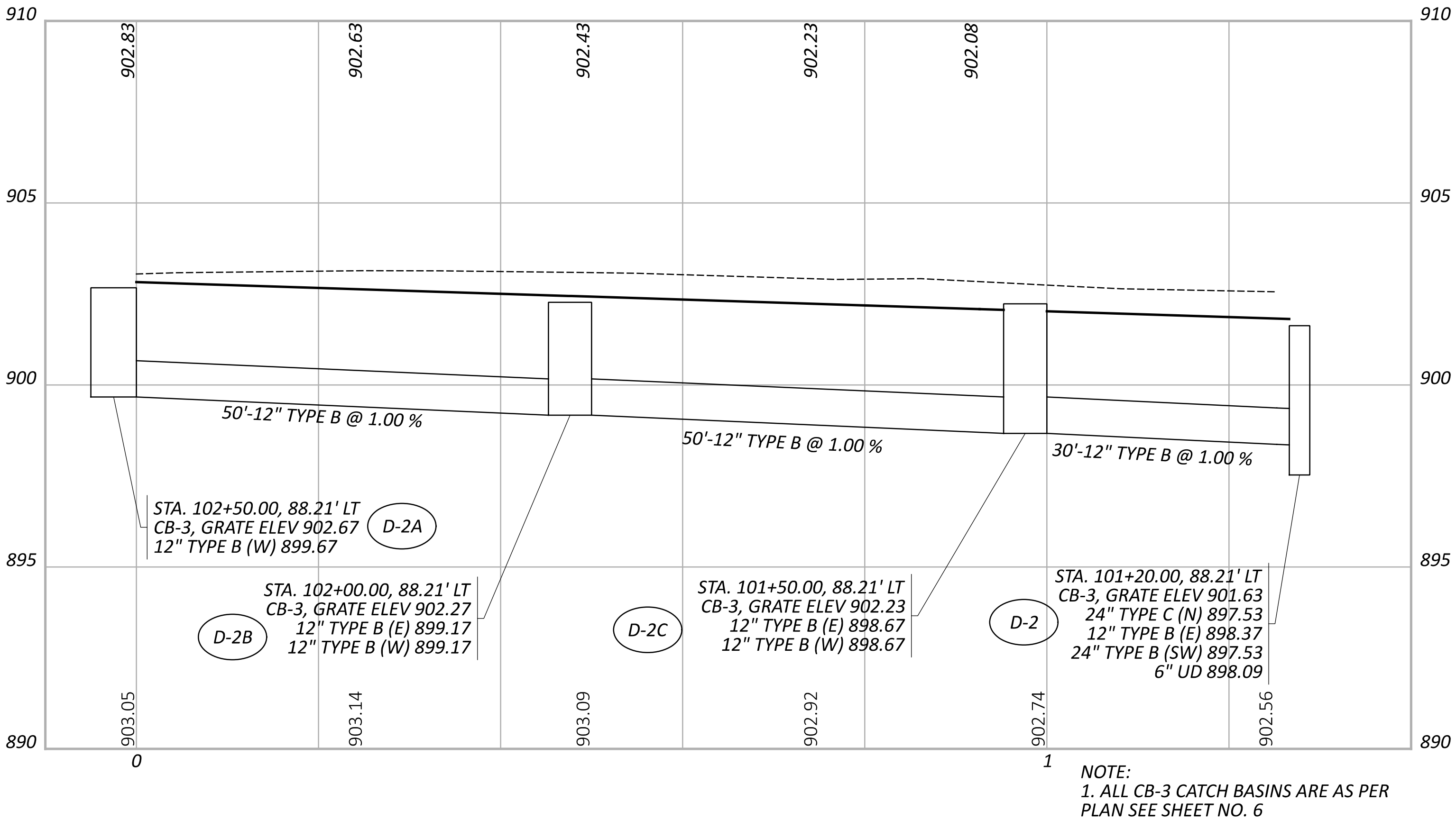
122890

SHEET

P.43

TOTAL

66



DESIGN AGENCY

DESIGNER

HBK

REVIEWER

RN 11/03/25

PROJECT ID

122890

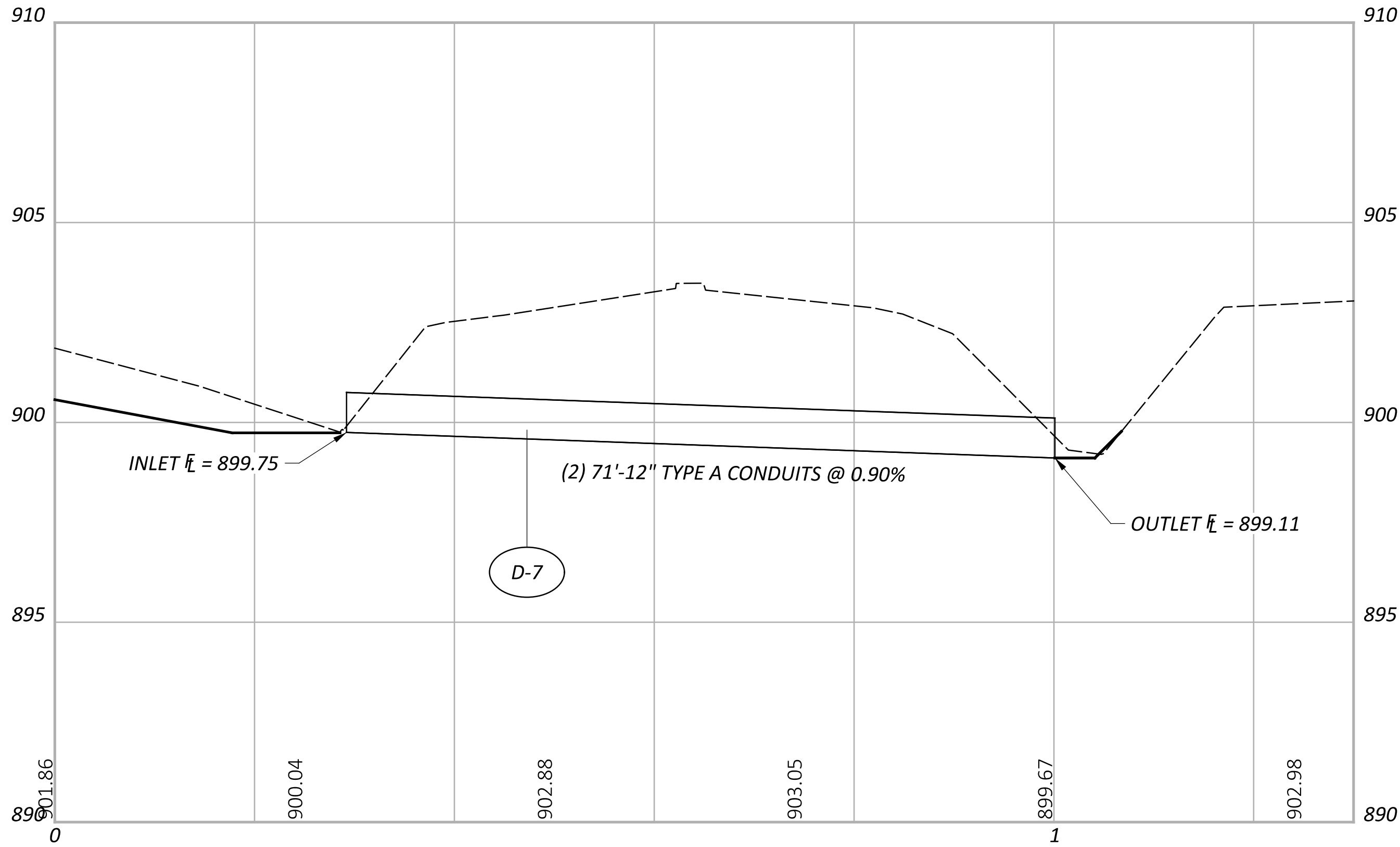
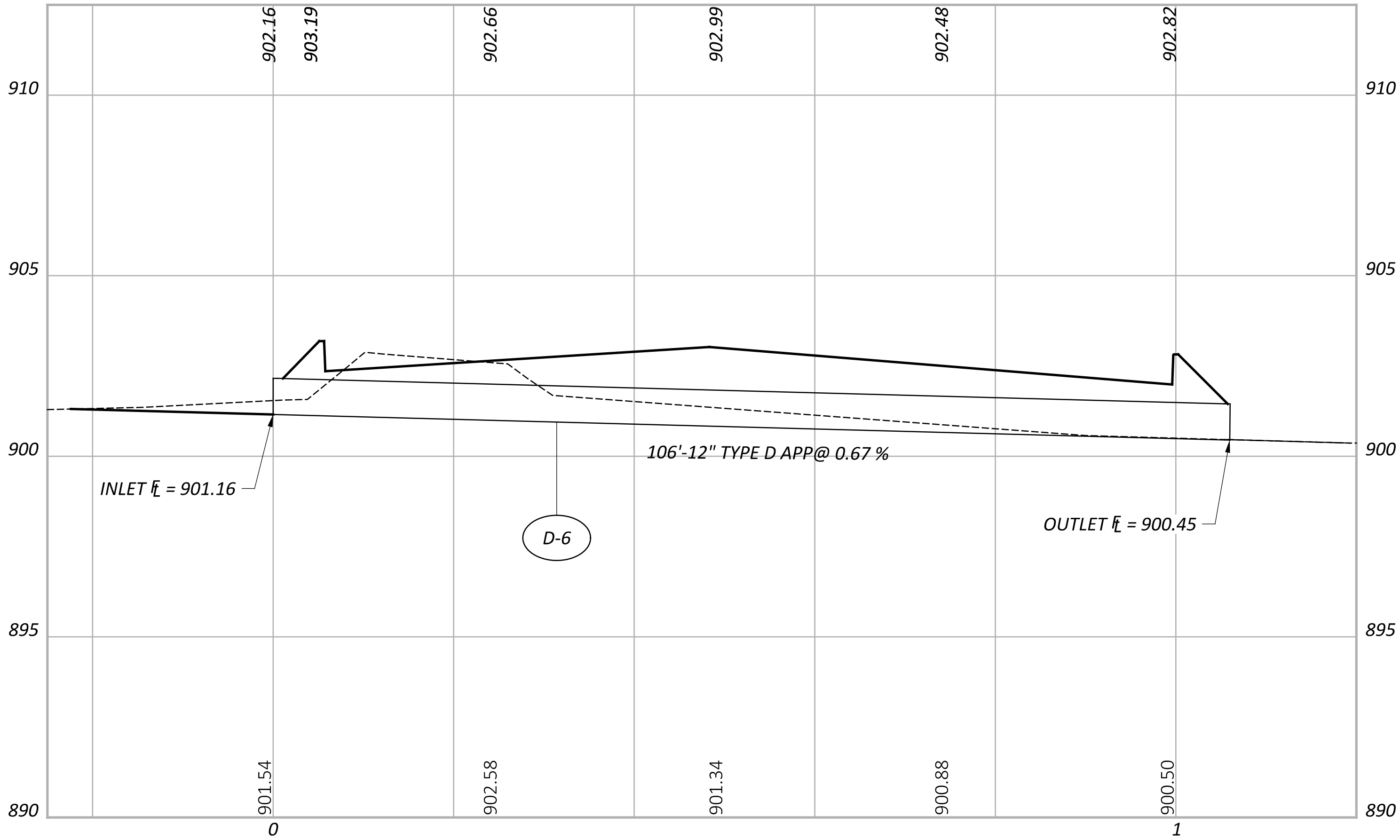
SHEET

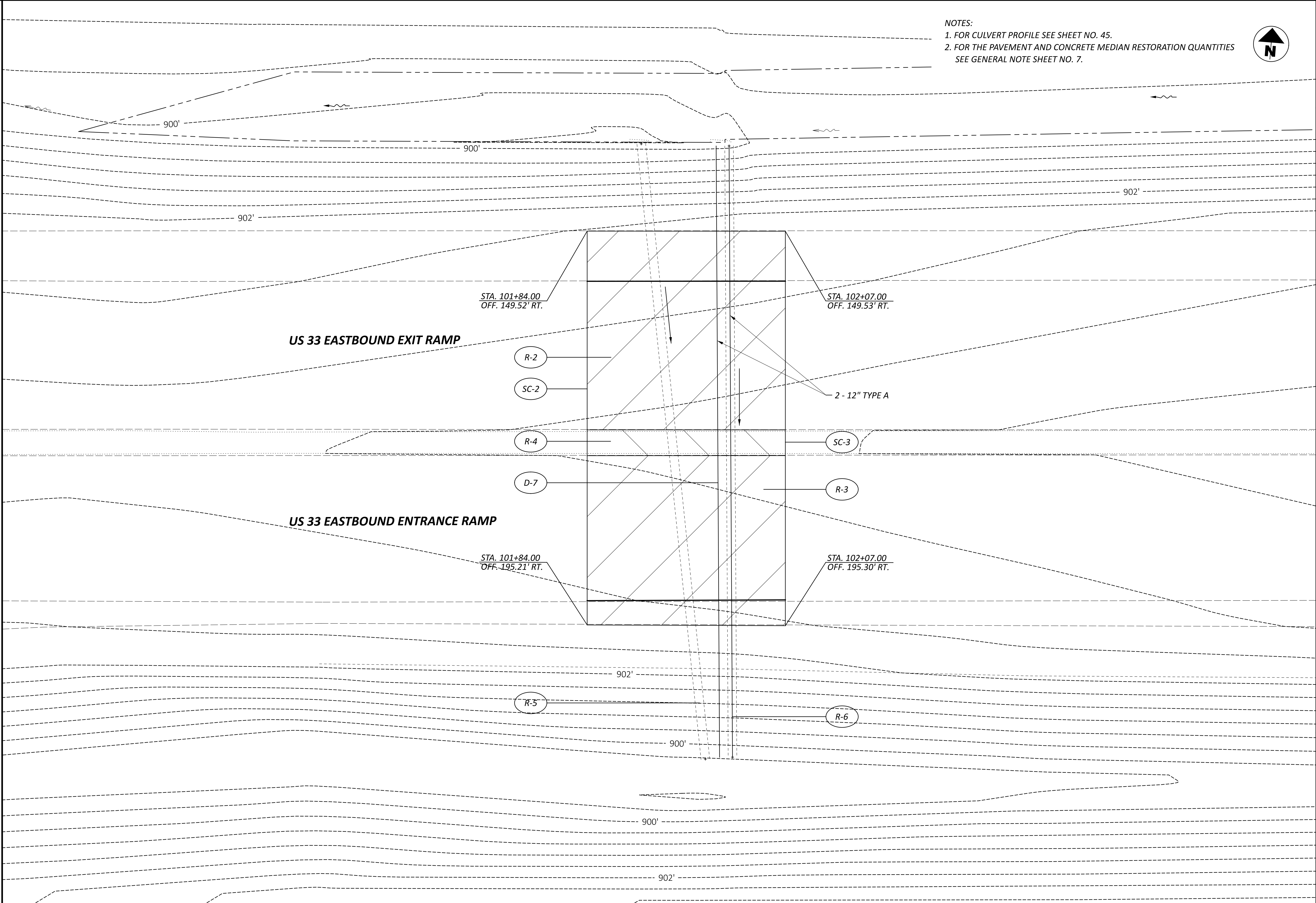
P.44

TOTAL

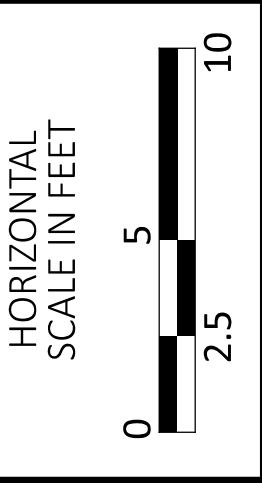
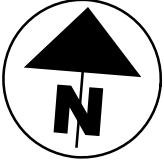
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TRUCK PARKING
STORM SEWER PROFILE





NOTES:
1. FOR CULVERT PROFILE SEE SHEET NO. 45.
2. FOR THE PAVEMENT AND CONCRETE MEDIAN RESTORATION QUANTITIES
SEE GENERAL NOTE SHEET NO. 7.



TRUCK PARKING - US-33 EB EXIT AND ENTRANCE RAMP
2-12" PIPE CULVERT PLAN

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.46

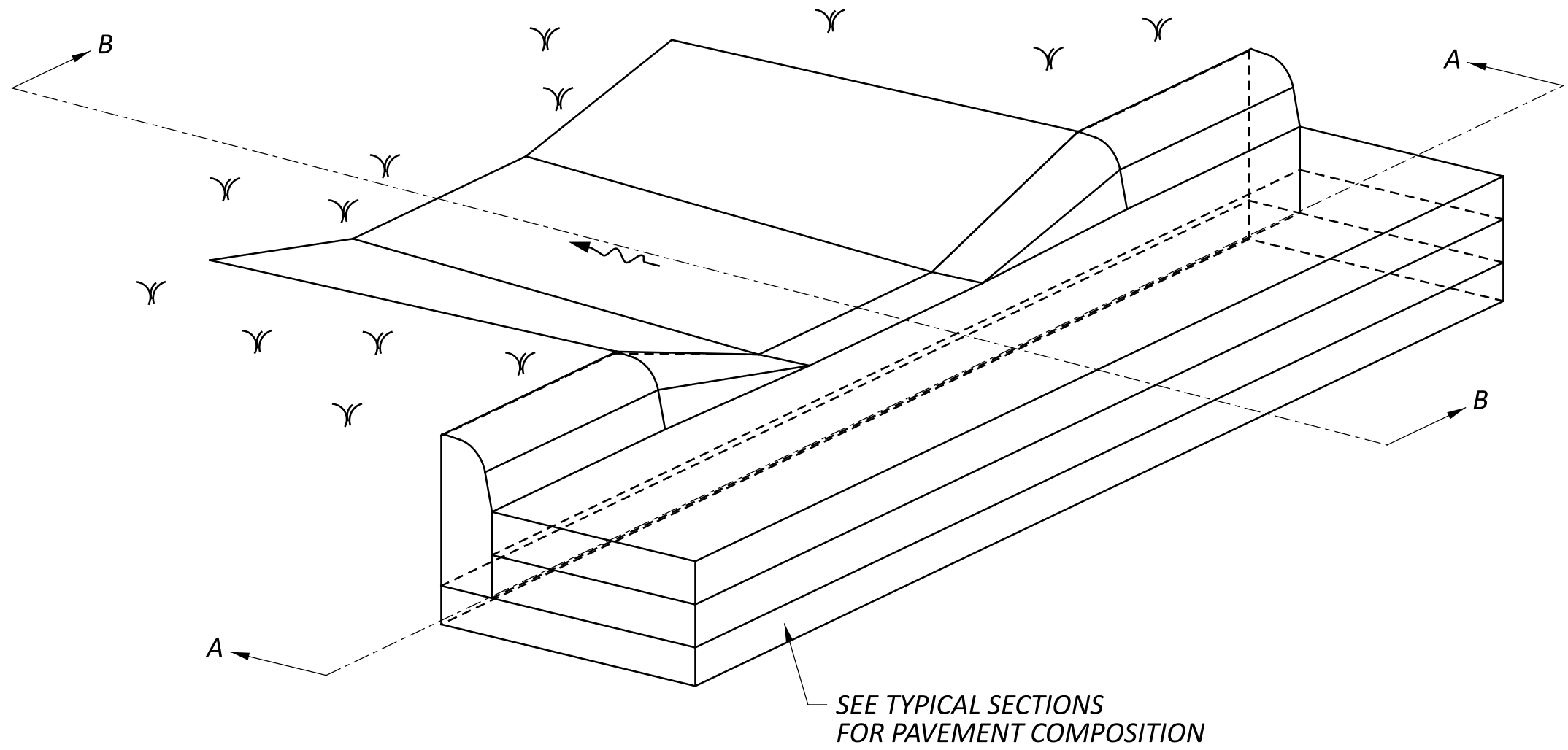
TOTAL

66

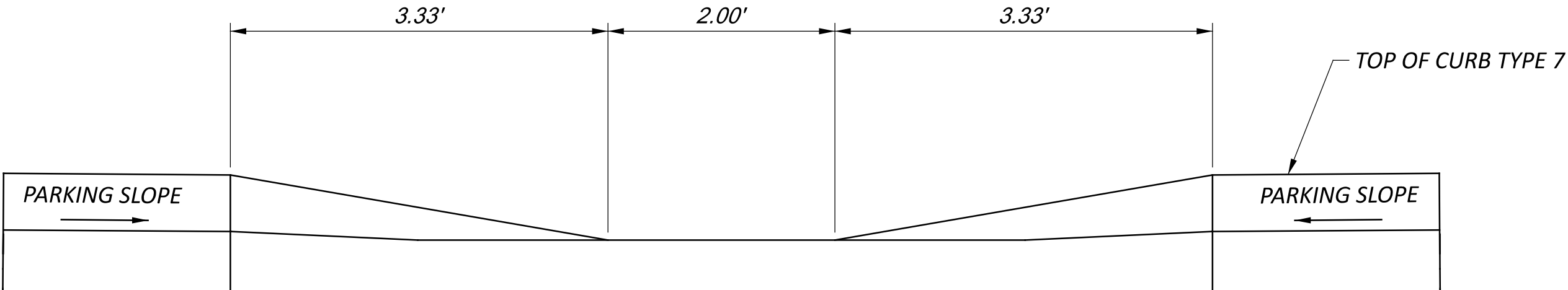
ITEM 611 - DRAINAGE STRUCTURES, MISC.: CURB CUT

CURB CUTS SHALL BE CONSTRUCTED PER DETAILS SHOWN ON THIS SHEET.
PAYMENT FOR CONSTRUCTION OF, 4" CONCRETE, CLASS QC MISC. OR QC 1
PER ITEM 499 SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM. TIED
CONCRETE BLOCK MAT, TYPE 1 IS PAID SEPARATELY.

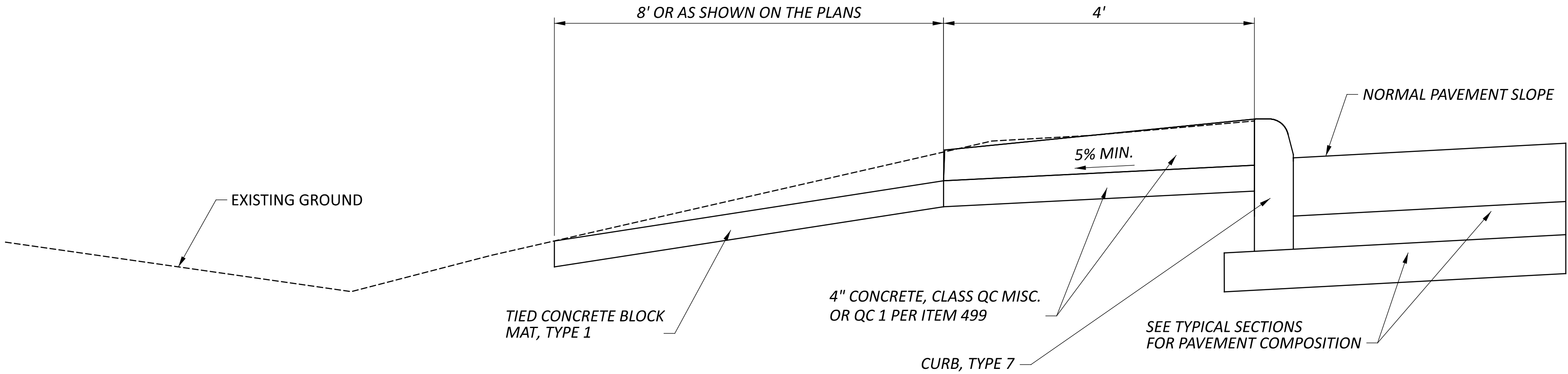
THE WORK SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, MATERIALS
AND ALL INCIDENTALS REQUIRED TO COMPLETELY CONSTRUCT THE
PROPOSED CURB CUT TO THE SATISFACTION OF THE ENGINEER.



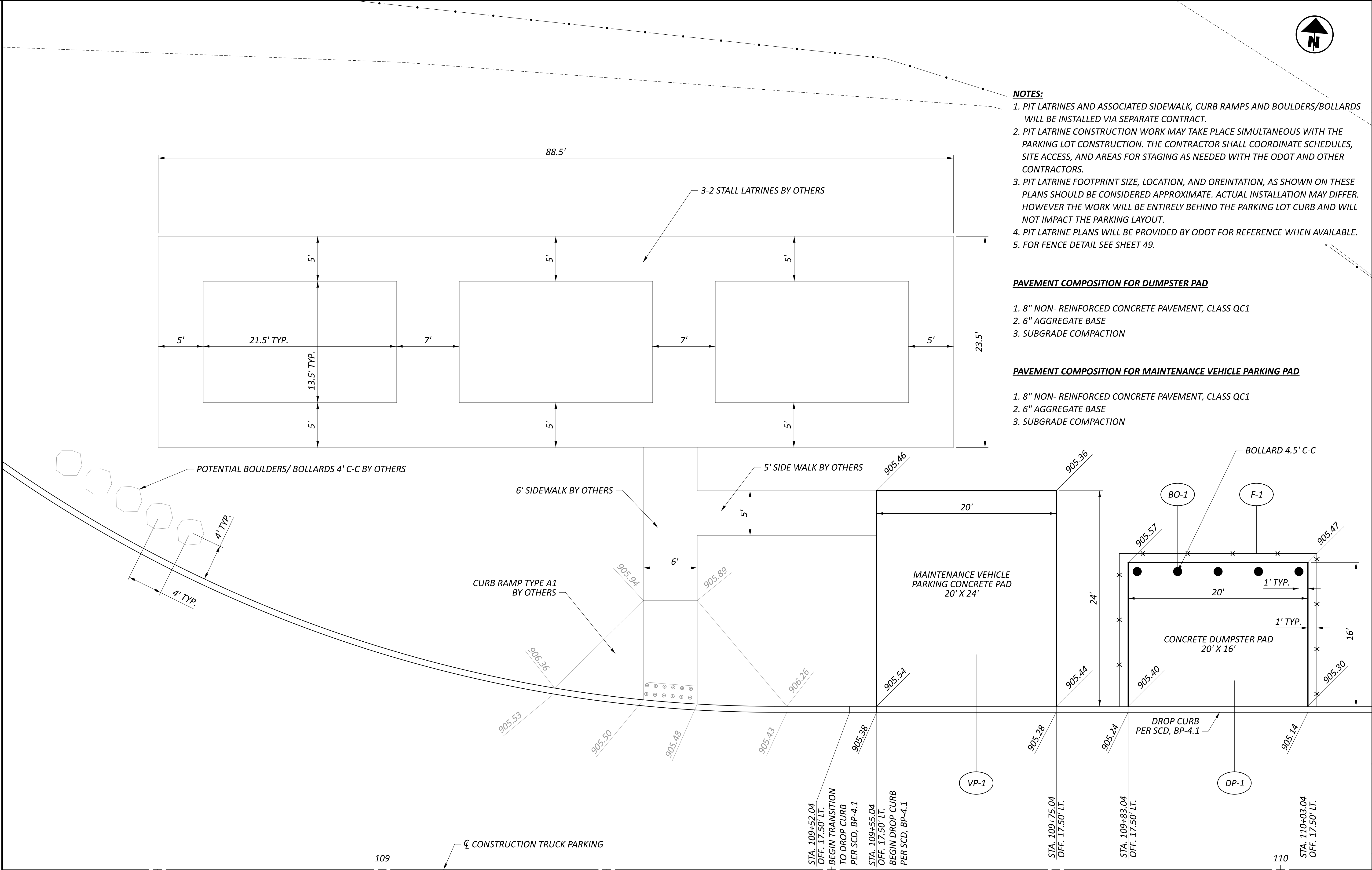
CURB CUT DETAIL



SECTION A-A



SECTION B-B



- NOTES:**
1. PIT LATRINES AND ASSOCIATED SIDEWALK, CURB RAMPS AND BOULDERS/BOLLARDS WILL BE INSTALLED VIA SEPARATE CONTRACT.
 2. PIT LATRINE CONSTRUCTION WORK MAY TAKE PLACE SIMULTANEOUS WITH THE PARKING LOT CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE SCHEDULES, SITE ACCESS, AND AREAS FOR STAGING AS NEEDED WITH THE ODOT AND OTHER CONTRACTORS.
 3. PIT LATRINE FOOTPRINT SIZE, LOCATION, AND OREINTATION, AS SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE. ACTUAL INSTALLATION MAY DIFFER. HOWEVER THE WORK WILL BE ENTIRELY BEHIND THE PARKING LOT CURB AND WILL NOT IMPACT THE PARKING LAYOUT.
 4. PIT LATRINE PLANS WILL BE PROVIDED BY ODOT FOR REFERENCE WHEN AVAILABLE.
 5. FOR FENCE DETAIL SEE SHEET 49.

PAVEMENT COMPOSITION FOR DUMPSTER PAD

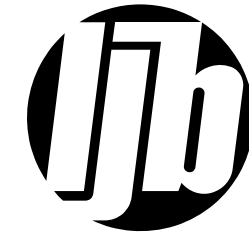
1. 8" NON- REINFORCED CONCRETE PAVEMENT, CLASS QC1
2. 6" AGGREGATE BASE
3. SUBGRADE COMPACTION

PAVEMENT COMPOSITION FOR MAINTENANCE VEHICLE PARKING PAD

1. 8" NON- REINFORCED CONCRETE PAVEMENT, CLASS QC1
2. 6" AGGREGATE BASE
3. SUBGRADE COMPACTION

DUMPSTER & MAINTENANCE VEHICLE CONCRETE PAD DETAIL
AUG-33 TRUCK PARKING

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

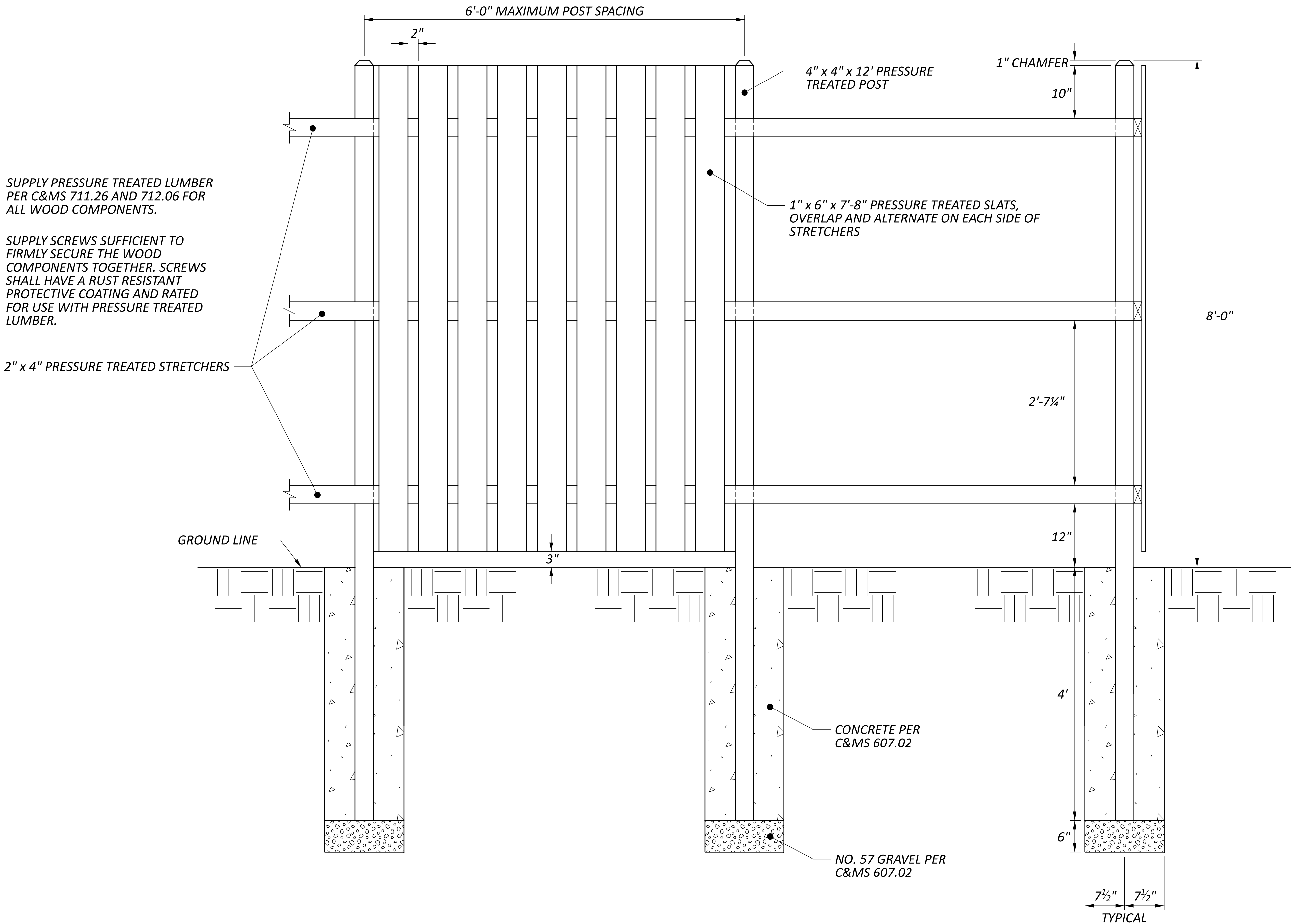
122890

SHEET

P.48

TOTAL

66



FOR FENCE LOCATION, SEE SHEET NO. 20 AND 48.

FENCE SHALL BE CONSTRUCTED PER DETAILS SHOWN ON THIS SHEET.

THE WORK SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT, MATERIALS AND ALL INCIDENTALS INCLUDING THE FENCE POST FOUNDATIONS AS REQUIRED TO COMPLETELY CONSTRUCT THE PROPOSED FENCE TO THE SATISFACTION OF THE ENGINEER.

PAYMENT WILL BE MADE PER BID ITEM 607, FENCE, MISC.: WOODEN SLAT FENCE

FENCE DETAIL

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.49

TOTAL

66

REF NO.	SHEET NO.	STATION TO STATION				644	644	644	644	644	644		646	646	646	646	646	646			
						EDGE LINE, 6" , WHITE	EDGE LINE, 6" , YELLOW	CENTER LINE	CHANNELIZING LINE, 12"	STOP LINE	PARKING LOT STALL MARKING	LANE ARROW		EDGE LINE, 6" , WHITE	EDGE LINE, 6" , YELLOW	CENTER LINE	CHANNELIZING LINE, 12"	STOP LINE	PARKING LOT STALL MARKING	LANE ARROW	
						MILE	MILE	MILE	FT	FT	FT	EACH		MILE	MILE	MILE	FT	FT	FT	EACH	
			TO																		
ELW-1	52	100+24	LT		100+24	RT	0.04						0.04								
ELY-1	52,53	102+03	RT		108+50	LT		0.21					0.21								
CL-1	52	100+50	CL		101+64	CL			0.02					0.02							
CH-1	52,53	102+59	RT		108+32	RT			573						573						
CH-2	52,53	103+30	RT		108+95	RT			900						900						
SL-1	52	100+50	CL							36							36				
SL-2	52	102+03.17	RT		102+40.76	RT				39						39					
PLS-1	52,53	101+82	LT		108+82	LT				3400							3400				
PLS-2	52,53	103+30	RT		109+03	RT				2800							2800				
LA-1	52	100+65	LT								1							1			
LA-2	52	101+50	LT								1							1			
LA-3	52	101+50	RT								1							1			
LA-4	52	102+24.50	RT								1							1			
LA-5	52	103+00	LT								1							1			
LA-6	52	104+00	RT								1							1			
LA-7	52	104+50	LT								1							1			
LA-8	53	105+50	RT								1							1			
LA-9	53	106+00	LT								1							1			
LA-10	53	107+00	RT								1							1			
LA-11	53	107+50	LT								1							1			
LA-12	53	108+50	RT								1							1			
LA-13	53	109+00	LT								1							1			
LA-14	53	109+40	RT								1							1			
TOTALS CARRIED TO GENERAL SUMMARY							0.04	0.21	0.02	1473	75	6200	14		0.04	0.21	0.02	1473	75	6200	14

REF NO.	SHEET NO.	LOCATION	STATION	SIDE	CODE	SIZE (INCHES)	630		630		630		630		630		630		630		630	
							GROUND MOUNTED SUPPORT, NO. 3 POST		GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8X18		GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22		SIGN POST REFLECTOR, RED		BREAKAWAY STRUCTURAL BEAM CONNECTION		SIGN, FLAT SHEET		SIGN, GROUND MOUNTED EXTRUSHEET		GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	
							FT		FT		FT		EACH		EACH		SF		SF		EACH	
S-1	54, 55	1 MILE, I-75NB		RT	MOD D4-H4	108 x 96			50.1						2				72		2	
				RT	E1-H5P	96 X 30													20			
S-2	54, 55	NEXT RIGHT, I-75NB		RT	D4-H5a	132 x 120			47.3						2				110		2	
S-3	54, 56	AT GORE, I-75NB		RT	D4-H5	144 x 96			44.3						2				96		2	
S-4	54	NB RAMP - INTERSECTION		RT	D9-16-30	30 x 30	19										6.25					
					M6-1L-30	30 x 21											4.375					
S-5	54, 56	AT GORE, I-75SB		LT	D4-H5	144 x 96			45.7						2				96		2	
S-6	54, 57	NEXT RIGHT, I-75SB		LT	D4-H5a	132 x120					50.3				2				110		2	
S-7	54, 57	1 MILE, I-75NB		LT	MOD D4-H4	108 x 96			43.8						2				72		2	
				LT	E1-H5P	96 X 30													20			
S-8	54, 58	NEXT RIGHT, US-33WB		RT	D4-H5a	132 x 120					51.6				2				110		2	
S-9	54, 58	AT GORE, US-33WB		RT	D4-H5	144 x 96			45.7						2				96		2	
S-10	54	US-33WB RAMP-INTERSECTION		RT	D9-16-30	30 x 30	19										6.25					
					M6-1L-30	30 x 21											4.375					
S-11	54	WILLIPIE STREET, SB		LT	D9-16-30	30 x 30	20										6.25					
					M6-1L-30	30 x 21											4.375					
S-12	52	PARKING LOT	100+50.50	LT	R1-1-30	30 x 30	17						1				6.25					
S-13	52	PARKING LOT	101+55.00	RT	R3-1-24	24 x 24	17										4					
S-14	52	PARKING LOT	101+98.50	RT	R5-1-36	36 x 36	17						1				9					
					R5-1a-36	36 x 24											6					
S-15	52	PARKING LOT	102+00.50	RT	R1-1-30	30 x 30	17						1				6.25					
S-16	52	PARKING LOT	102+05.00	RT	R7-1-12	12 x 18	16										1.5					
S-17	52	PARKING LOT	102+45.00	RT	R1-1-30	30 x 30	17						1				6.25					
S-18	52	PARKING LOT	102+46.50	RT	R5-1-36	36 x 36	17						1				9					
					R5-1a-36	36 x 24											6					
S-18A	52	PARKING LOT	102+75.00	RT	R7-10-12	12 x 18	17										1.5					
S-19	52	PARKING LOT	102+80.00	RT	R6-1L-36	36 x 12	17										3					
S-20	52	PARKING LOT	103+70.00	LT	R21-H2-30	30 x 36	17										7.5					
S-21	52	PARKING LOT	103+70.00	RT	R21-H2-30	30 x 36	17										7.5					
S-22	52	PARKING LOT	104+00.00	RT	R8-3a-24	24 x 30	17										5					
S-23	53	PARKING LOT	106+00.00	RT	R8-3a-24	24 x 30	17										5					
S-24	53	PARKING LOT	107+50.00	LT	R21-H2-30	30 x 36	17										7.5					
S-25	53	PARKING LOT	107+50.00	RT	R21-H2-30	30 x 36	17										7.5					
S-26	53	PARKING LOT	108+00.00	RT	R8-3a-24	24 x 30	17										5					
S-27	53	PARKING LOT	108+85.00	RT	R5-1-36	36 x 36	17						1				9					
					R5-1a-36	36 x 24											6					
S-28	53	PARKING LOT	108+85.00	RT	R5-1-36	36 x 36	17						1				9					
					R5-1a-36	36 x 24											6					
S-29	53	PARKING LOT	109+50.00	RT	R7-1-12	12 x 18	16										1.5					
S-30	53	PARKING LOT	109+65.00	LT	R5-11-30	30 x 24	17										5					
S-31	53	PARKING LOT	110+00.00	RT	R7-1-12	12 x 18	16										1.5					
S-32	53	PARKING LOT	110+20.00	RT	R6-1R-36	36 x 12	17										3					
S-33	54, 58A	1 MILE US-33EB		RT	MOD D4-H4	108 x 96			47.1						2				72		2	
				RT	E1-H5P	84 X 30													17.5			
S-34	54, 58A	NEXT RIGHT, US-33EB		RT	D4-H5a	132 x 120					49.7				2				110		2	
S-35	54, 58B	AT GORE, US-33EB		RT	D4-H5	144 x 96					55.2				2				96		2	
S-36	54	US-33EB EXIT RAMP - INTERSECTION		RT	D9-16-30	30 x 30	19										6.25					
					M6-1R-30	30 x 21											4.375					
TOTALS CARRIED TO GENERAL SUMMARY							448		324		207		7		22		188		1098		22	

SIGNING SUB-SUMMARY

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

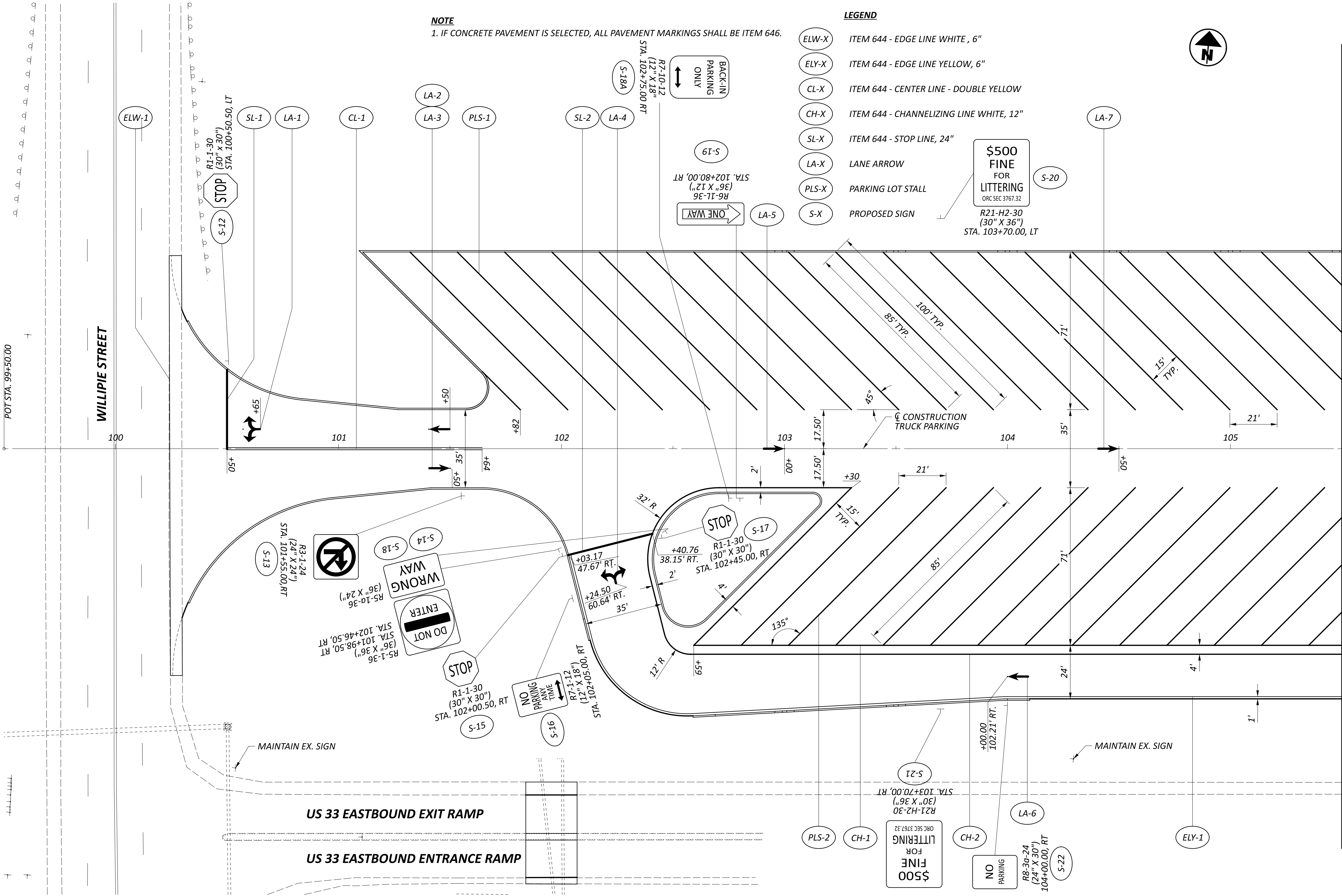
122890

SHEET

P.51

TOTAL

66



MATCH LINE STA. 105+50

TRAFFIC CONTROL PLAN
STA. 100+24.31 TO STA. 105+50.00

DESIGN AGENCY



DESIGNER

JAH

REVIEWER

RN 12/18/25

PROJECT ID

122890

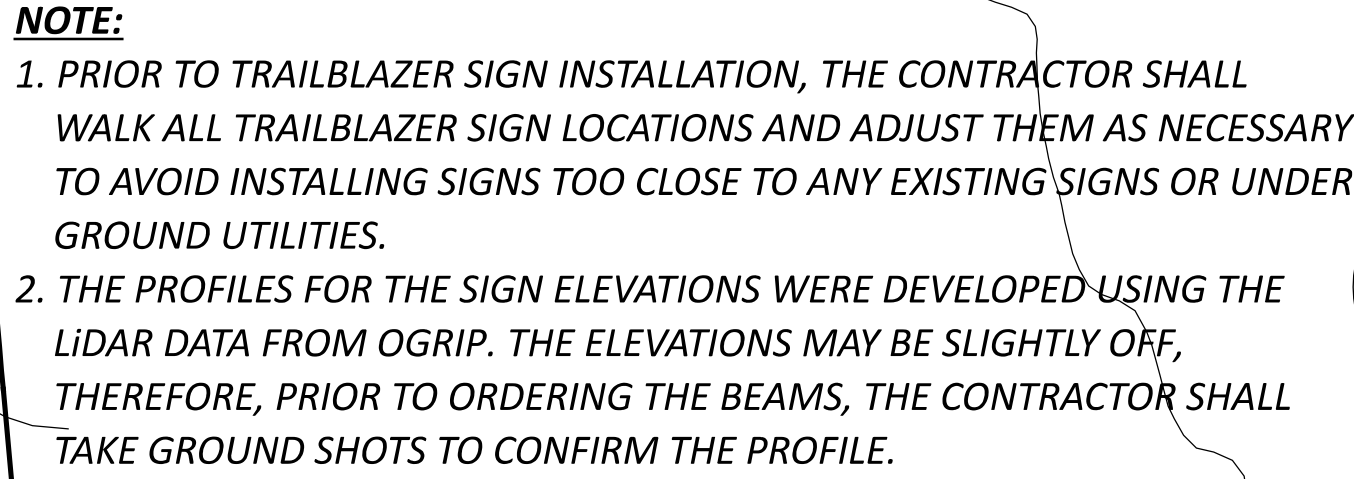
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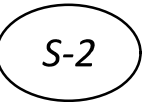
P.52

TOTAL

66







S-1

I-75 NB - ±1 MILE FROM GORE
LOOKING NORTHBOUND
BEAM SIZE W8X18
MODIFIED D4-H4 (108" X 96")
E1-H5P (96" X 30")



DESIGNER

AH

REVIEWER

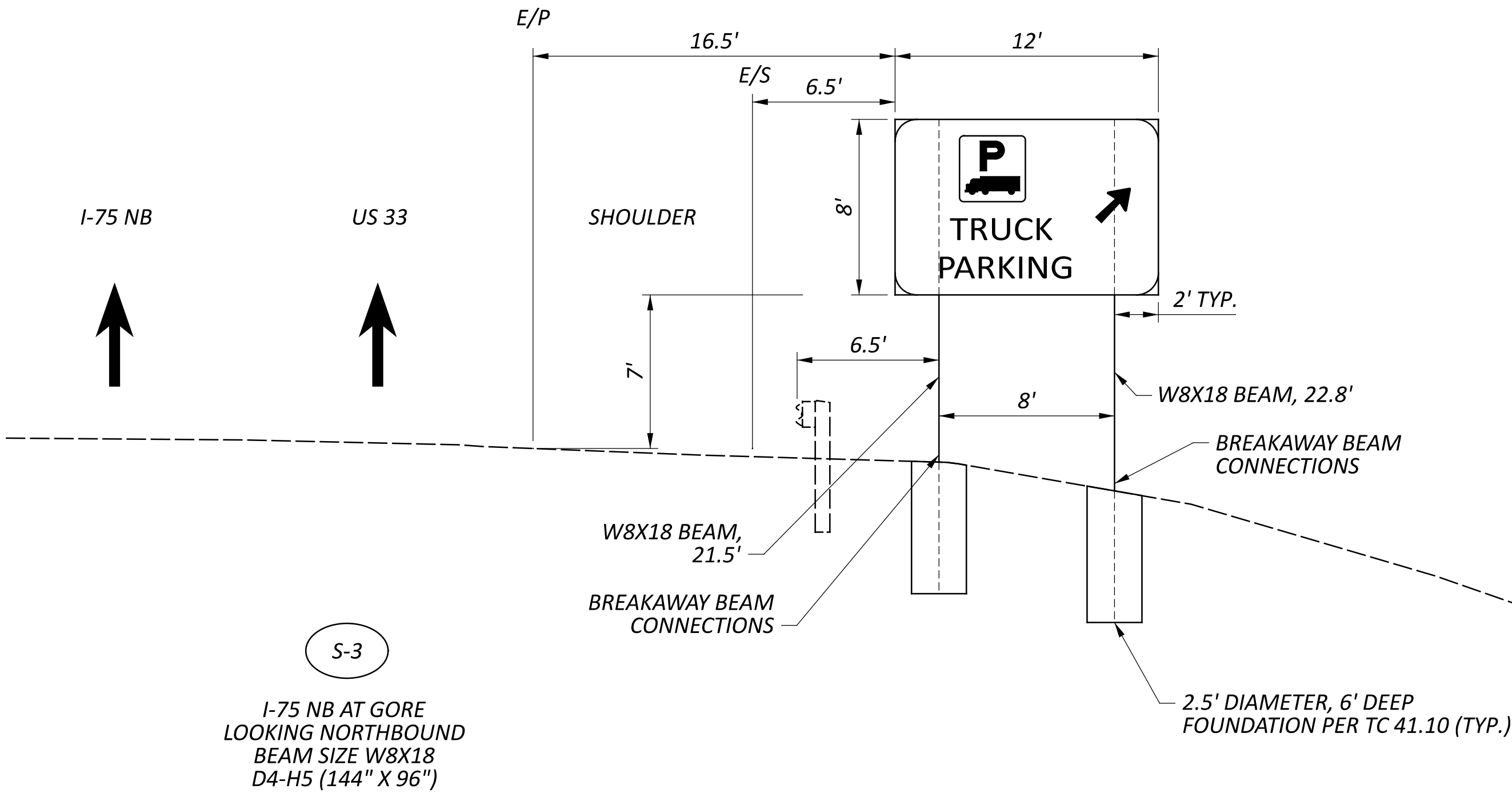
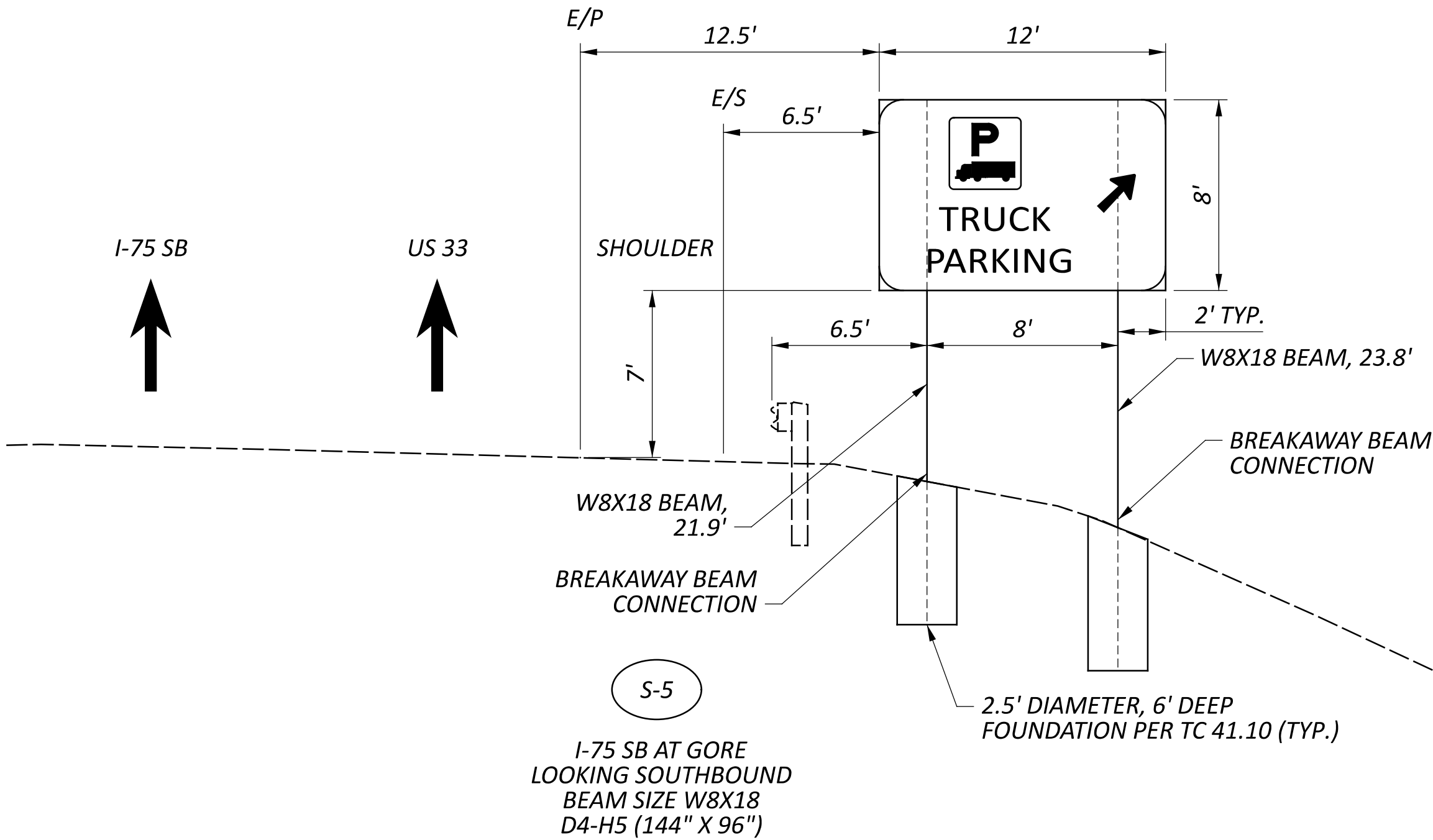
RN 12/18/25

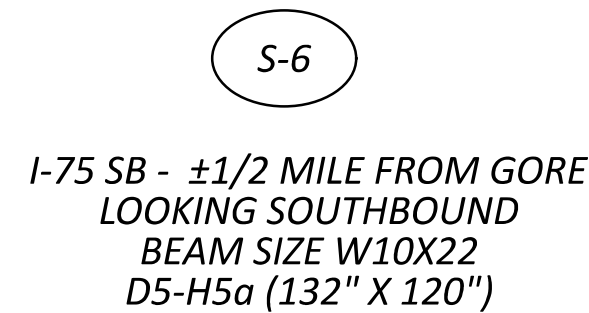
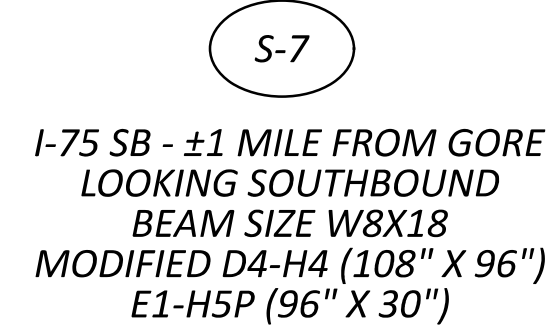
PROJECT ID

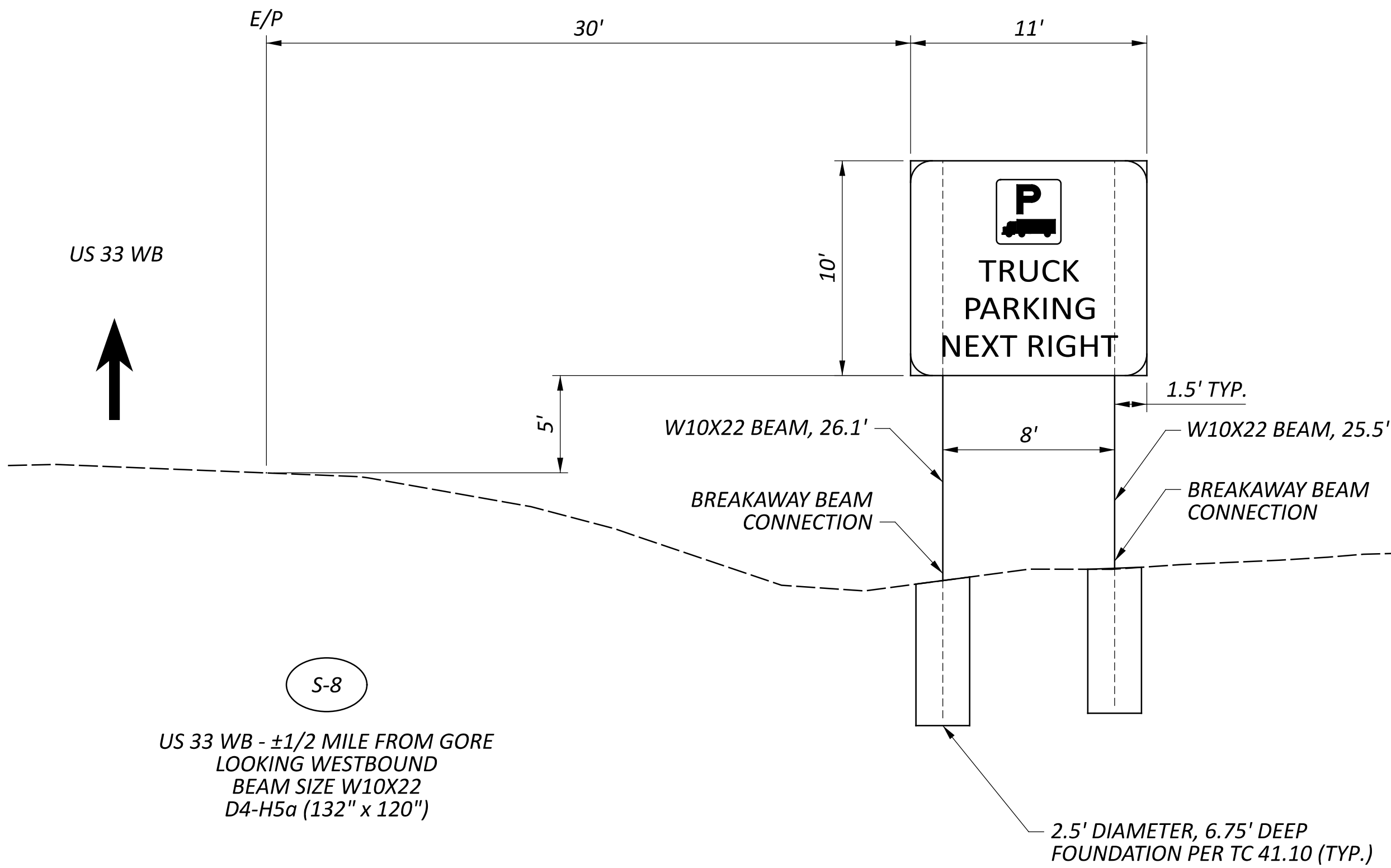
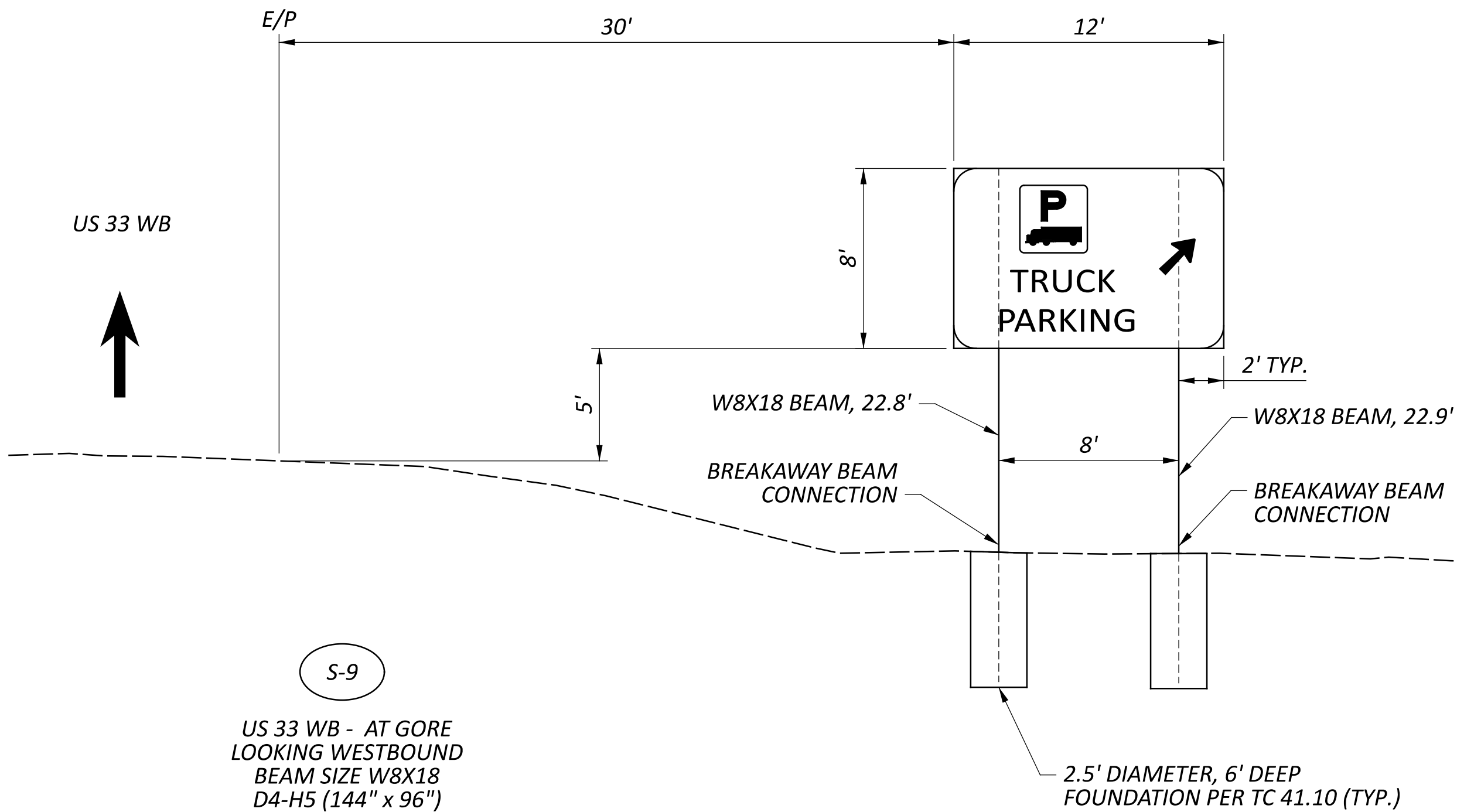
122890

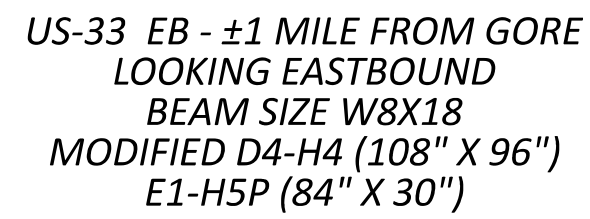
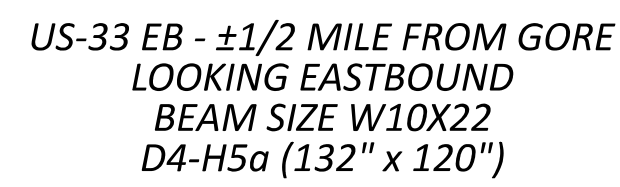
SHEET TOTAL

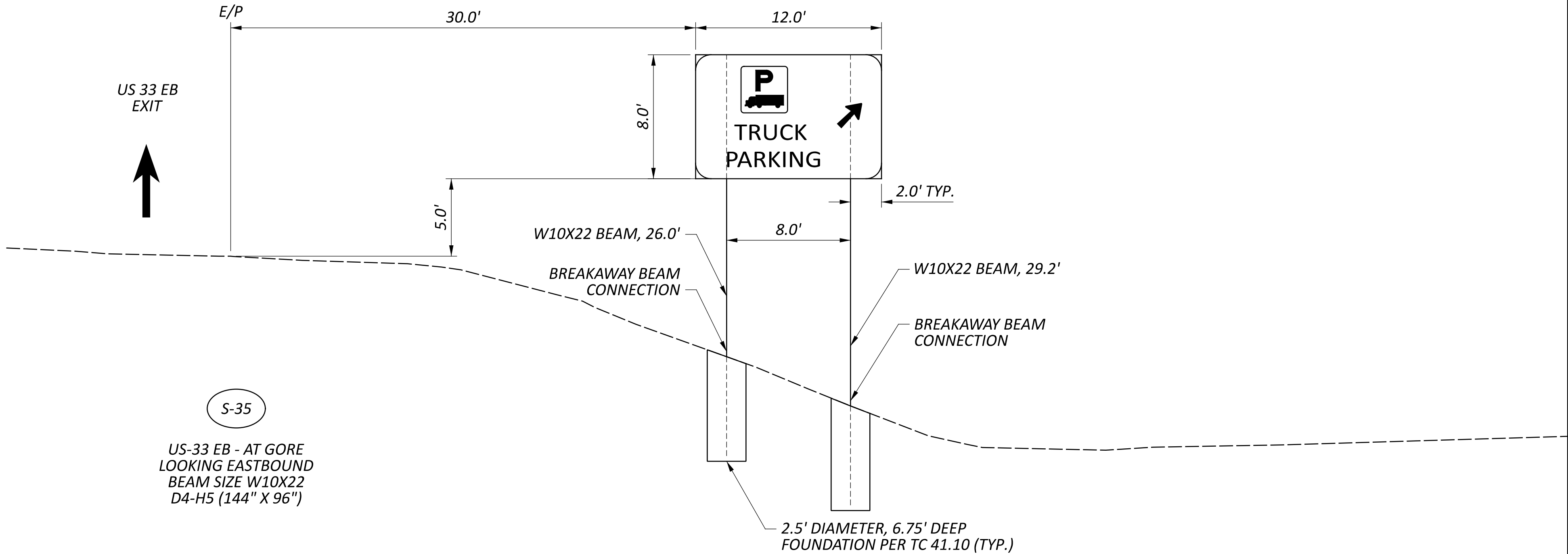
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SIGN ELEVATION DETAILS
US-33 EB, S-35

DESIGN AGENCY



DESIGNER

KGR

REVIEWER

RN 12/18/25

PROJECT ID

122890

SHEET

P.58B

TOTAL

66

625, POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING SHALL APPLY.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

CITY OF WAPAKONETA
251 INDUSTRIAL DRIVE
WAPAKONETA, OH 45895
TELEPHONE (419) 738-7713
LEVI CECIL
LCECIL@WAPAKONETA.NET

POWER SERVICE: 480 VOLT, 3-WIRE, SINGLE PHASE, GROUNDED NEUTRAL. THIS PROJECT HAS BEEN DESIGNED ON THE BASIS OF 5% VOLTAGE DROP WITH A MAXIMUM UNIFORMITY RATIO OF 4.0 TO 1.0 FOR CONVENTIONAL UNITS AND 3.0 TO 1.0 FOR HIGH MAST UNITS.

ALL POWER SERVICES SHALL BE METERED. THE METER BASE MOUNTING HEIGHT SHALL BE NO MORE THAN FIVE (5) FEET HIGH TO THE CENTER OF THE METER BASE FROM THE GROUND. A NON-FUSED DISCONNECT SHALL BE INSTALLED ON THE POWER SIDE OF THE METER BASE. THE CONTRACTOR SHALL SUPPLY THE NECESSARY METER BASES AND DISCONNECTS.

THE CONTRACTOR SHALL PAY ALL ELECTRICAL ENERGY CHARGES FOR NEW POWER SERVICES ESTABLISHED BY THIS PROJECT. UPON COMPLETION OF THIS PROJECT AND AFTER WRITTEN AUTHORIZATION FROM THE DISTRICT CONSTRUCTION ENGINEER, POWER SERVICE ELECTRICAL ENERGY ACCOUNTS SHALL BE TRANSFERRED TO THE MAINTAINING AGENCY. THIS SHALL INCLUDE NEW POWER SERVICE ESTABLISHED BY THIS PROJECT AS WELL AS REASSIGNMENT OF EXISTING SERVICE DUE TO WORK PERFORMED BY THIS PROJECT. IF POWER SERVICE IS TRANSFERRED PRIOR TO RECEIVING THE WRITTEN AUTHORIZATION, A DISINCENTIVE OF \$100 PER DAY SHALL BE ASSESSED FOR EACH CALENDAR DAY OF NON-COMPLIANCE.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH CMS ITEM 625, "POWER SERVICE, AS PER PLAN" WHICH SHALL BE FULL COMPENSATION FOR ALL LABOR, MATERIALS, AND INCIDENTALS REQUIRED TO COMPLETE THIS ITEM IN A SATISFACTORY AND WORKMANLIKE MANNER.

PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYED IN ACCORDANCE WITH C&MS 631.06. PAYMENT SHALL BE INCLUDED IN THE BID FOR THE ITEM(S) BEING LOCKED.

ITEM 625 ARC FLASH CALCULATIONS AND LABEL

THE CONTRACTOR SHALL SATISFY THE REQUIREMENTS OF ODOT SUPPLEMENTAL SPECIFICATION 825 FOR THE CONTROL CENTERS. THE CONTRACTOR MAY BE ABLE TO OBTAIN LABELS FOR THE ODOT MAINTAINED INSTALLATIONS FROM THE ODOT SIGN SHOP, 1606 WEST BROAD ST., COLUMBUS, OH 43223, FOR NON-ODOT MAINTAINED INSTALLATIONS THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE LABEL MADE FROM "ENGINEER GRADE" SIGN SHEETING OR AN EQUIVALENT LABEL MATERIAL.

THE ODOT OFFICE OF ROADWAY ENGINEERING AND THE DISTRICT OFFICE HAVE AN EXCEL SPREADSHEET AVAILABLE UPON REQUEST, TO ASSIST WITH MAKING AND DOCUMENTING THE REQUIRED CALCULATIONS.

METHOD OF MEASUREMENT SHALL BE AS PER 825.06. THE FOLLOWING QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 625 ARC FLASH CALCULATION AND LABEL, LIGHTING POWER SERVICE DISCONNECT ENCLOSURE - 1 EACH

ITEM 625, LIGHT TOWER, MISC: INSTALLATION ONLY, BB45

LIGHT TOWERS WILL BE AVAILABLE ON THIS PROJECT FOR PICKUP BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT SCOTT HURLEY AT 937-497-6733 TO OBTAIN THIS MATERIAL. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO PICK UP THE MATERIAL FROM ODOT'S AUGLAIZE COUNTY MAINTENANCE FACILITY: 511 COMMERCE DR., WAPAKONETA, OH 45895. ALL ITEMS SHALL BE INSTALLED PER ODOT'S STANDARDS AND SPECIFICATIONS.

625, LIGHT TOWER FOUNDATION, MISC: 36" X 10' DEEP

THE LIGHT TOWER FOUNDATIONS SHALL FOLLOW THE REQUIREMENTS OF 625 AND 725, BUT SHALL BE CONSTRUCTED TO A DEPTH OF 10'.

LIGHTING NOTES

DESIGN AGENCY

2LMN

DESIGNER

BPT

REVIEWER

EMW 10/13/25

PROJECT ID

122890

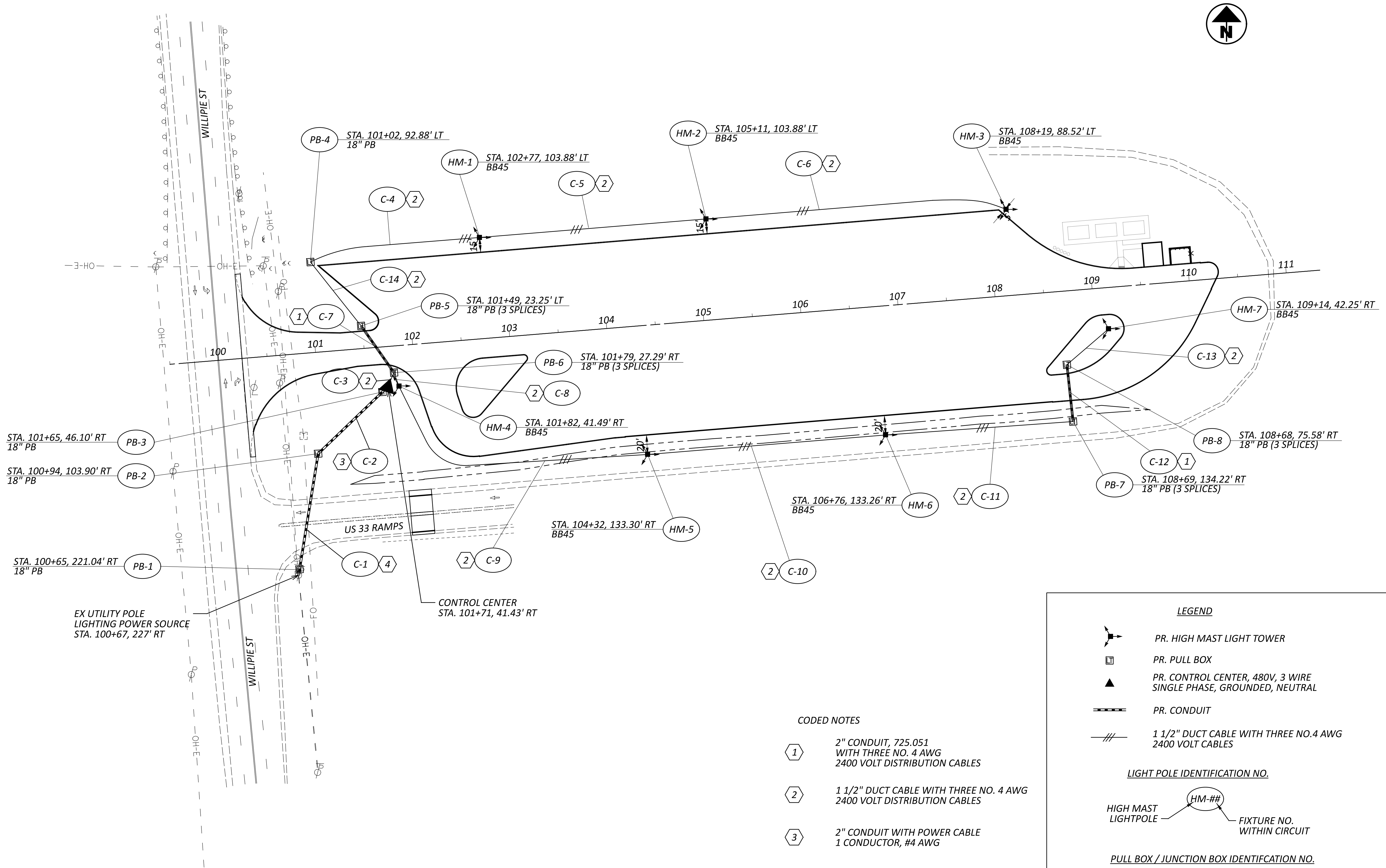
SHEET

P.59

TOTAL

66

DESIGN AGENCY	
2LMN	
DESIGNER	
DJD	
REVIEWER	
EMW 10/13/25	
PROJECT ID	
122890	
SHEET	TOTAL
P.60	66

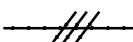


CODED NOTES

- 1 2" CONDUIT, 725.051 WITH THREE NO. 4 AWG 2400 VOLT DISTRIBUTION CABLES
- 2 1 1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT DISTRIBUTION CABLES
- 3 2" CONDUIT WITH POWER CABLE 1 CONDUCTOR, #4 AWG
- 4 2" CONDUIT, JACKED OR DRILLED WITH POWER CABLE 1 CONDUCTOR, #4 AWG

LEGEND

- PR. HIGH MAST LIGHT TOWER
- PR. PULL BOX
- PR. CONTROL CENTER, 480V, 3 WIRE SINGLE PHASE, GROUNDED, NEUTRAL
- PR. CONDUIT
- 1 1/2" DUCT CABLE WITH THREE NO.4 AWG 2400 VOLT CABLES
- LIGHT POLE IDENTIFICATION NO.
HIGH MAST LIGHTPOLE HM-##
FITXURE NO. WITHIN CIRCUIT
- PULL BOX / JUNCTION BOX IDENTIFICATION NO.
PULL BOX / JUNCTION BOX PB-##
PULL BOX / JUNCTION BOX NO. WITHIN CIRCUIT



PR. HIGH MAST LIGHT TOWER

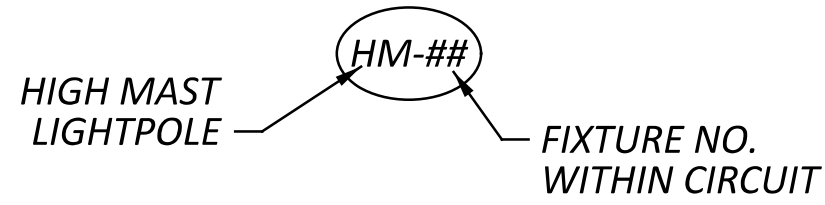
PR. PULL BOX

PR. CONTROL CENTER, 480V, 3 WIRE
SINGLE PHASE, GROUNDED, NUETRAL

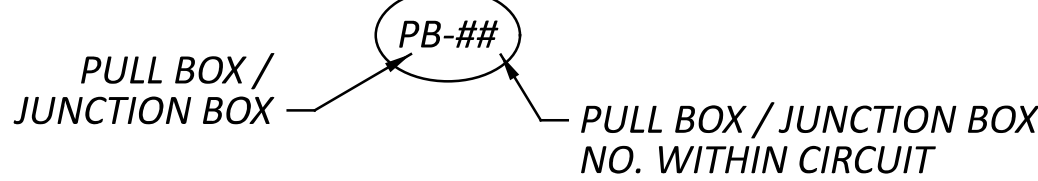
PR. CONDUIT

1 1/2" DUCT CABLE WITH THREE NO.4 AWG
2400 VOLT CABLES

LIGHT POLE IDENTIFICATION NO.

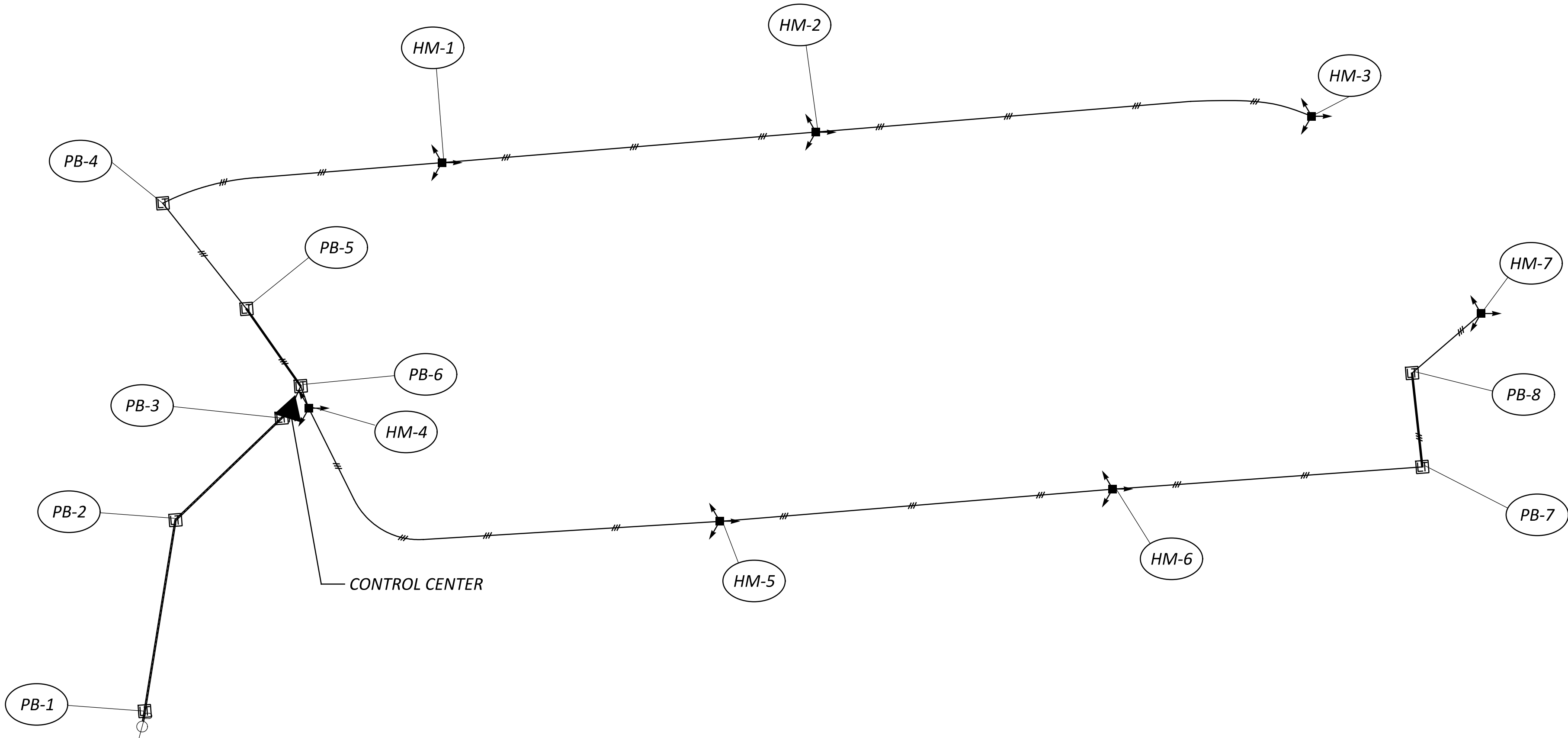


PULL BOX / JUNCTION BOX IDENTIFCATION NO.



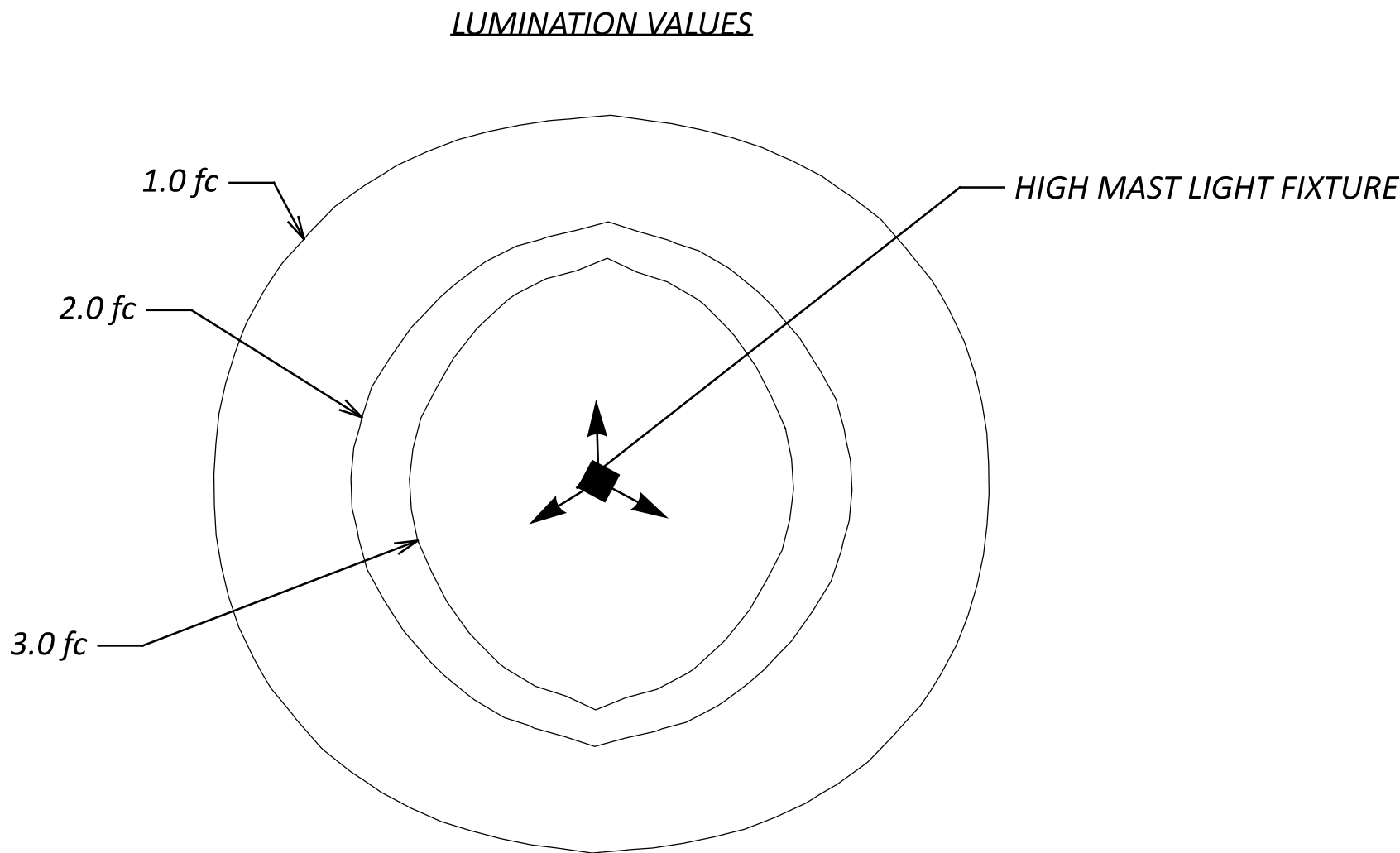
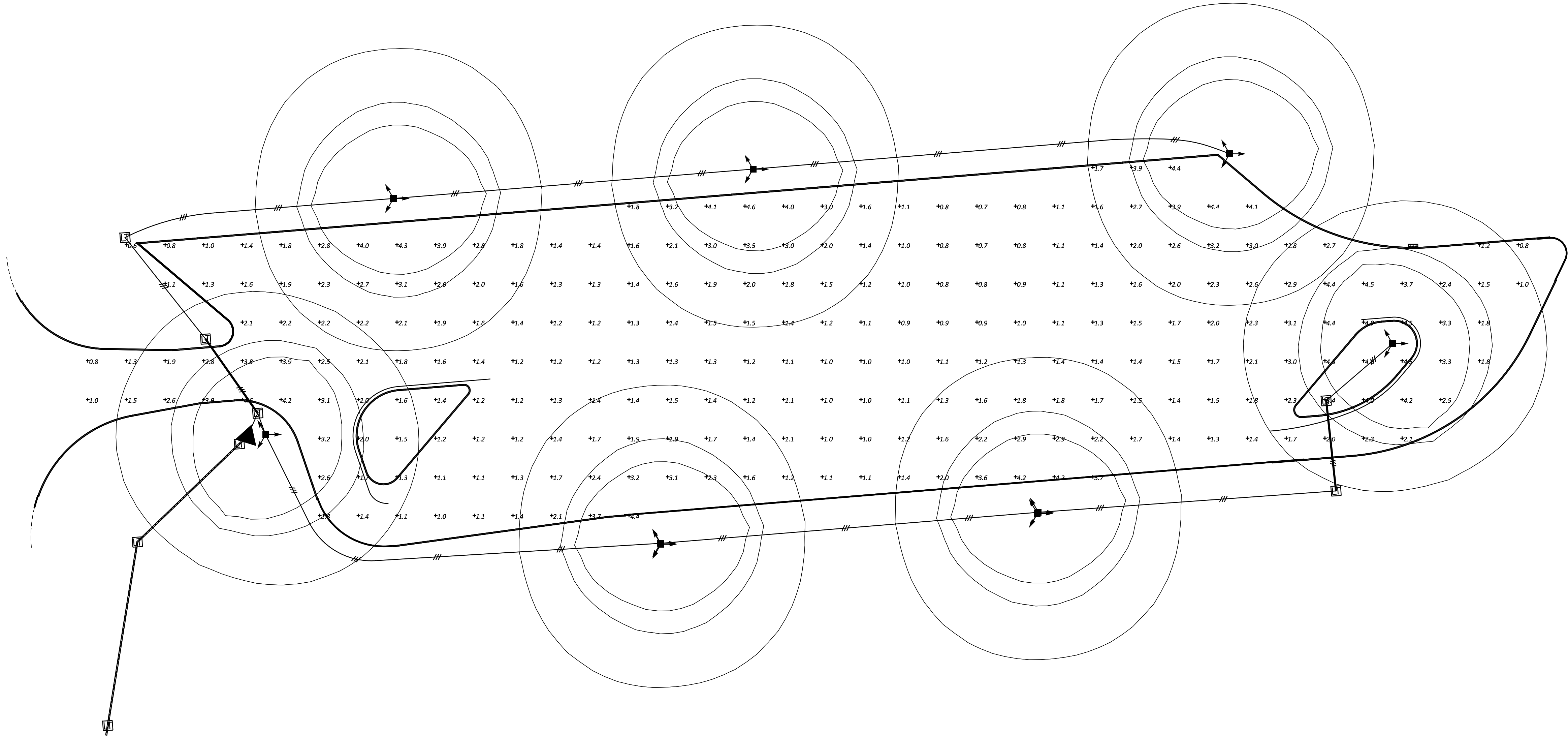
CONTROL CENTER DATA									
CONTROL CENTER DESIGNATION	LINE VOLTS	CONNECTED LOAD (KVA)	SERVICE ENTRANCE CONDUCTOR SIZE (AWG)	ENCLOSURE RATING (AMPS)	CIRCUIT NO.	CIRCUIT LOAD AMPS	CIRCUIT FUSE SIZE AMPS	CIRCUIT CABLE SIZE AMPS	MAINTAINING AGENCY
CC	480	4.1	4	60	1	8.61	20	4	ODOT

VOLTAGE DROP CALCULATIONS											
VOLTAGE: 480V											
WIRE FACTOR USED (TWO - NO. 4 AWG WIRES: 0.62 OMHS/MFT/1000)											
SECTION			AMPERES		AMPERE- FEET	AWG	VOLTAGE DROP		% DROP	AT POINT	
FROM	TO	DESIGN FEET	AT POINT	ACCUM.			IN SECTION	ACCUM.			
HM-7	PB-3	67	0.78	0.78	52	4	0.03	1.30	0.27	HM-7	
PB-3	PB-4	68	0	0.78	53	4	0.03	1.26	0.26	PB-3	
PB-4	HM-6	203	0.78	1.57	318	4	0.20	1.23	0.26	PB-4	
HM-6	HM-5	255	0.78	2.35	599	4	0.37	1.03	0.22	HM-6	
HM-5	HM-4	310	0.78	3.13	971	4	0.60	0.66	0.14	HM-5	
HM-4	PB-2	25	0.78	3.92	98	4	0.06	0.06	0.01	HM-4	
HM-3	HM-2	321	0.78	0.78	191	4	0.12	1.00	0.21	HM-3	
HM-2	HM-1	243	0.78	1.57	381	4	0.24	0.89	0.18	HM-2	
HM-1	PB-5	300	0.78	2.35	705	4	0.44	0.65	0.14	HM-1	
PB-5	PB-2	68	0	2.35	160	4	0.10	0.21	0.04	PB-5	
PB-2	CC	26	0.78	7.05	183	4	0.11	0.11	0.02	PB-2	



TRUCK PARKING				
AVERAGE (fc)	MAXIMUM (fc)	MINIMUM (fc)	MAX/MIN	AVG/MIN
2.1	4.7	0.7	6.7:1	3.0:1

LUMINAIRE SCHEDULE									
LABEL	QUANTITY	MANUFACTURER	CAT. NUMBER	DESCRIPTION	LAMP	NO. OF LAMPS	LUMENS/LAMP	LLF	WATTAGE
HM-#	7	HOLOPHANE	HMLED4 P3 30K XXXXX AW	HMLED4 P3 PERFORMANCE PACKAGE WITH 3000K CCT, 70CRI, AW OPTIC AND NO HOUSE SIDE SHIELD	HMLED4 P3 30K XXXXX AW	1	22000	1	200



PROJECT DESCRIPTION

THIS PROJECT INCLUDES A PROPOSED TRUCK STOP TO BE LOCATED AT THE LOOP RAMP OF US ROUTE 33 AND WILLIPIE STREET IN WAPAKONETA, OHIO.

HISTORIC RECORDS

NO HISTORICAL BORINGS WERE AVAILABLE IN THE PROJECT AREA.

GEOLOGY

THE PROJECT IS LOCATED IN THE CENTRAL OHIO CLAYEY TILL PLAIN, WHICH IS GENERALLY CHARACTERIZED BY THE SURFACE OF CLAYEY TILL, AND WELL-DEFINED MORAINES WITH INTERVENING FLAT-LYING GROUND MORAINE AND INTERMORAINAL LAKE BASINS. ACCORDING TO USDA SOIL SURVEY MAPS, THE SURFICIAL SOILS AT THE SITE ARE PRIMARILY CLASSIFIED AS UDORTHENTS LOAMY ROLLING, WHICH CONSISTS OF A HUMAN-MODIFIED SOIL TYPE WITH A LOAMY TEXTURE.

BEDROCK IN THE SOUTHERN HALF IS MAPPED AS THE SILURIAN AGE BEDROCK BELONGING TO THE LOCKPORT DOLOMITE, CONSISTING OF DOLOMITE WITH SOME LAYERS OF LIMESTONE AND SHALE. BEDROCK TOPOGRAPHIC MAPPING INDICATED BEDROCK AT ELEVATIONS RANGING BETWEEN 740 AND 760 FEET MSL, WHICH IS APPROXIMATELY 140 TO 160 FEET BELOW THE EXISTING SITE GRADES.

RECONNAISSANCE

FIELD RECONNAISSANCE WAS PERFORMED BY TERRACON PERSONNEL ON AUGUST 7, 2025. THE PROJECT SITE IS LOCATED WITHIN A LOOP RAMP OF US-33 EXIT TO WILLIPIE STREET. THE SURROUNDING AREA OF THE PROJECT SITE IS GENERALLY AGRICULTURAL, WITH SEVERAL RESIDENTIAL AND COMMERCIAL BUILDINGS AROUND.

SUBSURFACE EXPLORATION

A TOTAL OF SIX (6) TEST BORINGS WERE PERFORMED BY TERRACON BETWEEN AUGUST 18 AND 19, 2025. THE GROUND SURFACE ELEVATIONS AND COORDINATES WERE RECORDED BY TERRACON USING AN EMLID RX GPS UNIT.

THE TEST BORINGS WERE PERFORMED WITH A TRACK-MOUNTED DRILL RIG. THE DRILL RIG UTILIZED HOLLOW-STEM AUGERS TO PERMIT SPLIT-SPOON SAMPLING IN OVERBURDEN SOILS. DRILLING AND SAMPLING PROCEDURES WERE PERFORMED IN GENERAL ACCORDANCE WITH THE ODOT SGE (7/18/2025). THE AVERAGE DRILL RIG ENERGY RATIO (ER) FOR THE CME-55 DRILL RIG WAS 88.8 PERCENT (CALIBRATION DATE 12/6/2024).

GROUNDWATER LEVELS WERE OBSERVED DURING DRILLING AND AT THE COMPLETION OF THE DRILLING ACTIVITIES AT EACH TEST BORING LOCATION. NO LONG-TERM (24-HOUR) WATER LEVEL READINGS WERE OBTAINED AT THE TEST BORING LOCATIONS. UPON COMPLETION OF THE DRILLING ACTIVITIES AND FOLLOWING WATER LEVEL OBSERVATIONS, THE BOREHOLES WERE BACKFILLED WITH AUGER CUTTINGS MIXED WITH BENTONITE CHIPS PER SGE REQUIREMENTS.

EXPLORATION FINDINGS

THE SUBSURFACE PROFILE IN THE TEST BORINGS CONSISTED PRIMARILY OF STIFF TO HARD NATIVE COHESIVE SOILS (A-4A, A-6A, A-6B, AND A-7-6). A GRANULAR SOIL LAYER (A-2-4) WAS ENCOUNTERED BETWEEN 3 AND 4.5 FEET AT BORING B-001-0-25.

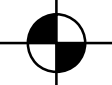
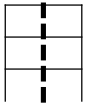
THE BOREHOLES WERE OBSERVED WHILE DRILLING AND AFTER COMPLETION FOR THE PRESENCE AND LEVEL OF GROUNDWATER. GROUNDWATER WAS NOT ENCOUNTERED AT ANY OF THE BORINGS.

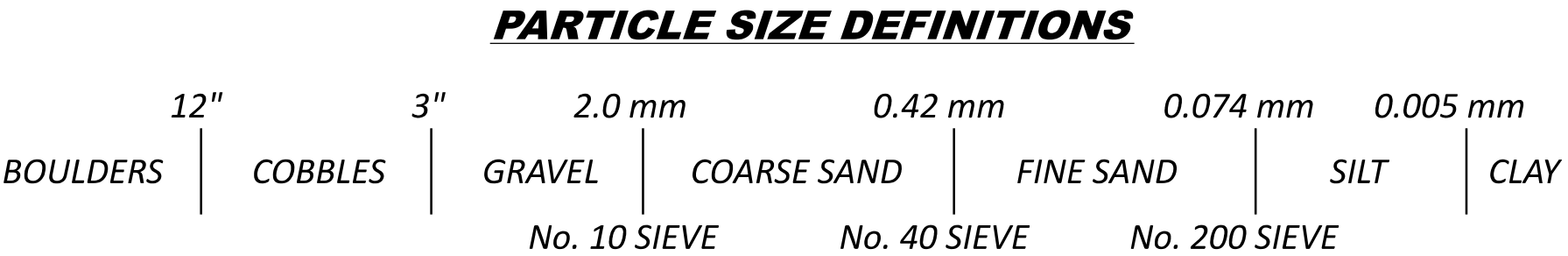
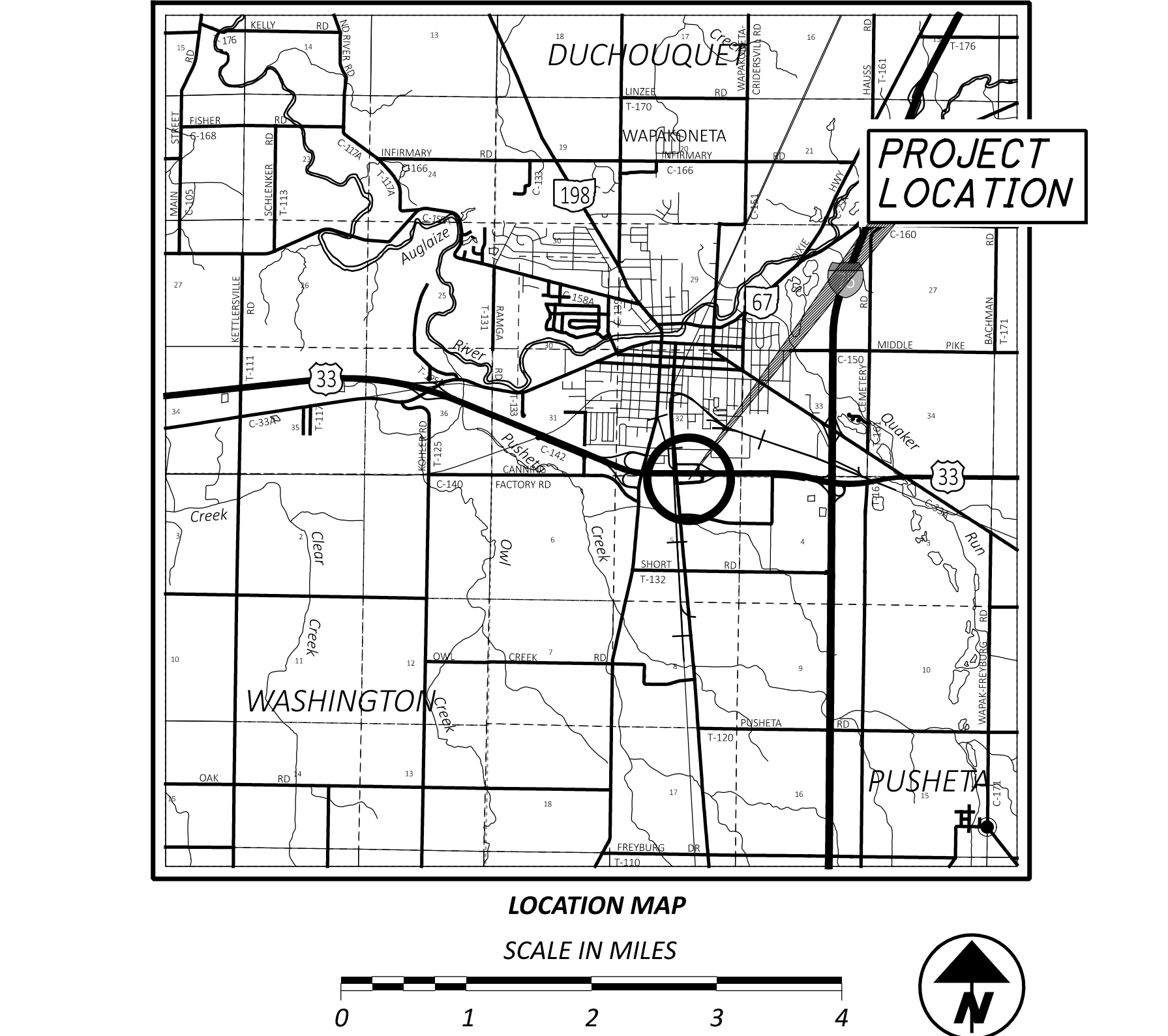
SPECIFICATIONS

THIS GEOTECHNICAL EXPLORATION WAS PERFORMED IN ACCORDANCE WITH THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, OFFICE OF GEOTECHNICAL ENGINEERING, SPECIFICATION FOR GEOTECHNICAL EXPLORATIONS, DATED JULY 2025.

AVAILABLE INFORMATION

ALL AVAILABLE SOIL AND BEDROCK INFORMATION THAT CAN BE CONVENIENTLY SHOWN ON THE GEOTECHNICAL EXPLORATION SHEETS HAS BEEN SO REPORTED. ADDITIONAL EXPLORATIONS MAY HAVE BEEN MADE TO STUDY SOME SPECIAL ASPECTS OF THE PROJECT. COPIES OF THIS DATA, IF ANY, MAY BE INSPECTED IN THE DISTRICT DEPUTY DIRECTOR'S OFFICE OR THE OFFICE OF GEOTECHNICAL ENGINEERING.

LEGEND				
DESCRIPTION	ODOT CLASS	CLASSIFIED MECH./VISUAL		
	GRAVEL AND/OR STONE FRAGMENTS WITH SAND AND SILT	A-2-4	1	0
	SANDY SILT	A-4A	2	12
	SILT AND CLAY	A-6A	4	2
	SILTY CLAY	A-6B	4	2
	CLAY	A-7-6	4	5
	TOTAL			
	SOD AND TOPSOIL = X = APPROXIMATE THICKNESS	VISUAL		
	BORING LOCATION - PLAN VIEW.			
	DRIVE SAMPLE AND/OR ROCK CORE BORING PLOTTED TO VERTICAL SCALE ONLY. HORIZONTAL BAR INDICATES A CHANGE IN STRATIGRAPHY.			
WC	INDICATES WATER CONTENT IN PERCENT.			
N ₆₀	INDICATES STANDARD PENETRATION RESISTANCE NORMALIZED TO 60% DRILL ROD ENERGY RATIO.			
X/Y/Z	NUMBER OF BLOWS FOR STANDARD PENETRATION TEST (SPT): X= NUMBER OF BLOWS FOR FIRST 6 INCHES. Y= NUMBER OF BLOWS FOR SECOND 6 INCHES. Z= NUMBER OF BLOWS FOR THIRD 6 INCHES.			
SS	INDICATES A SPLIT SPOON SAMPLE.			
NP	INDICATES A NON-PLASTIC SAMPLE.			



RECON. - DSA 8/7/2025
DRILLING - CK/JF 8/18/2025 - 8/19/2025
DRAWN - BCM 12/16/2025
REVIEWED - DWW 11/18/2025

SUMMARY OF SOIL TEST DATA

EXPLOR. ID	SAMPLE		REC	tsf		GR	CS	FS	SILT	CLAY	LL	PL	PI	WC	ODOT CLASS (gl)	ppm SO4	
	FROM -	TO ID		HP	FS												
B-001-0-25 STA. 109+93, 21' RT. LATITUDE = 40.554847 LONGITUDE = -84.193128	0.00	- 01.50	13	83	3.50	18	30	8	23	21	39	18	21	12	A-6a (5)	<100	
	1.50	- 03.00	SS-2	78	1.50				SAME AS SS-1					18	A-6b (VISUAL)	-	
	3.00	- 04.50	SS-3	16	83	-	35	29	8	18	10	26	7	13	A-2-4 (0)	-	
	4.50	- 06.00	SS-4	13	100	3.00	8	15	13	29	35	28	18	10	A-4a (6)	-	
	6.00	- 07.50	SS-5	21	100	4.50			SAME AS SS-4					17	A-4a (VISUAL)	-	
B-002-0-25 STA. 100+92, 11' LT. LATITUDE = 40.555103 LONGITUDE = -84.192252	8.50	- 10.00	SS-6	33	100	4.50			SAME AS SS-4					12	A-4a (VISUAL)	-	
	0.00	- 01.50	SS-1	22	83	4.00	7	13	12	32	36	40	22	18	A-6b (10)	<100	
	1.50	- 03.00	SS-2	18	78	2.25	1	5	8	56	30	58	28	30	A-7-6 (20)	-	
	3.00	- 04.50	SS-3	13	78	2.00			SAME AS SS-2					24	A-7-6 (VISUAL)	-	
	4.50	- 06.00	SS-4	10	100	1.00			SAME AS SS-2					26	A-7-6 (VISUAL)	-	
B-003-0-25 STA. 103+42, 84' LT. LATITUDE = 40.554708 LONGITUDE = -84.192065	6.00	- 07.50	SS-5	10	100	4.00			SAME AS B-001-0-24 SS-4					19	A-4a (VISUAL)	-	
	8.50	- 10.00	SS-6	25	100	4.50			SAME AS B-001-0-24 SS-4					14	A-4a (VISUAL)	-	
	0.00	- 01.50	SS-1	19	78	4.00	13	13	12	30	32	36	20	16	A-6a (8)	<100	
	1.50	- 03.00	SS-2	15	78	4.50	1	3	11	47	38	34	20	14	A-6a (10)	-	
	3.00	- 04.50	SS-3	15	94	4.50	13	17	11	29	30	29	18	11	16	A-6a (5)	-
B-004-0-25 STA. 103+83, 64' RT. LATITUDE = 40.555142 LONGITUDE = -84.190984	4.50	- 06.00	SS-4	15	100	3.50			SAME AS SS-3					16	A-6a (VISUAL)	-	
	6.00	- 07.50	SS-5	25	83	4.50			SAME AS B-001-0-24 SS-4					16	A-4a (VISUAL)	-	
	8.50	- 10.00	SS-6	34	100	4.50			SAME AS B-001-0-24 SS-4					13	A-4a (VISUAL)	-	
	0.00	- 01.50	SS-1	21	78	4.00	4	10	11	43	32	35	20	15	14	A-6a (10)	<100
	1.50	- 03.00	SS-2	19	83	3.50			SAME AS SS-3					24	A-7-6 (VISUAL)	-	
B-005-0-25 STA. 106+95, 70' LT. LATITUDE = 40.554745 LONGITUDE = -84.190805	3.00	- 04.50	SS-3	12	78	1.50	1	4	5	-	-	52	20	32	A-7-6 (18)	-	
	4.50	- 06.00	SS-4	9	94	1.25			SAME AS SS-3					25	A-7-6 (VISUAL)	-	
	6.00	- 07.50	SS-5	10	100	3.50			SAME AS B-001-0-24 SS-4					15	A-4a (VISUAL)	-	
	8.50	- 10.00	SS-6	27	106	4.50			SAME AS B-001-0-24 SS-4					15	A-4a (VISUAL)	-	
	0.00	- 01.50	SS-1	15	67	4.00	4	11	12	37	36	39	20	19	17	A-6b (11)	<100
B-006-0-25 STA. 107+33, 79' RT. LATITUDE = 40.554960 LONGITUDE = -84.189888	1.50	- 03.00	SS-2	12	83	4.00			SAME AS SS-1					15	A-6b (VISUAL)	-	
	3.00	- 04.50	SS-3	15	100	1.50	4	7	8	40	41	41	19	22	26	A-7-6 (13)	-
	4.50	- 06.00	SS-4	12	100	1.25			SAME AS SS-3					31	A-7-6 (VISUAL)	-	
	6.00	- 07.50	SS-5	25	100	4.50	11	16	12	31	30	27	18	9	15	A-4a (5)	-
	8.50	- 10.00	SS-6	25	100	4.50			SAME AS SS-5					15	A-4a (VISUAL)	-	
B-006-0-25 STA. 107+33, 79' RT. LATITUDE = 40.554960 LONGITUDE = -84.189888	0.00	- 01.50	SS-1	15	89	2.50	4	8	10	42	36	43	23	20	16	A-7-6 (13)	<100
	1.50	- 03.00	SS-2	24	83	4.50	11	14	11	29	35	32	17	15	16	A-6a (8)	-
	3.00	- 04.50	SS-3	30	94	4.50			SAME AS SS-2					14	A-6a (VISUAL)	-	
	4.50	- 06.00	SS-4	31	100	4.50			SAME AS SS-2					13	A-4a (VISUAL)	-	
	6.00	- 07.50	SS-5	24	100	3.00			SAME AS SS-2					14	A-4a (VISUAL)	-	
B-007-0-25 STA. 108+42, 84' LT. LATITUDE = 40.554708 LONGITUDE = -84.192252	8.50	- 10.00	SS-6	34	100	4.50			SAME AS SS-2					12	A-4a (VISUAL)	-	



DESIGNER

MP

REVIEWER

DWW 12-16-25

PROJECT ID

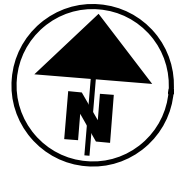
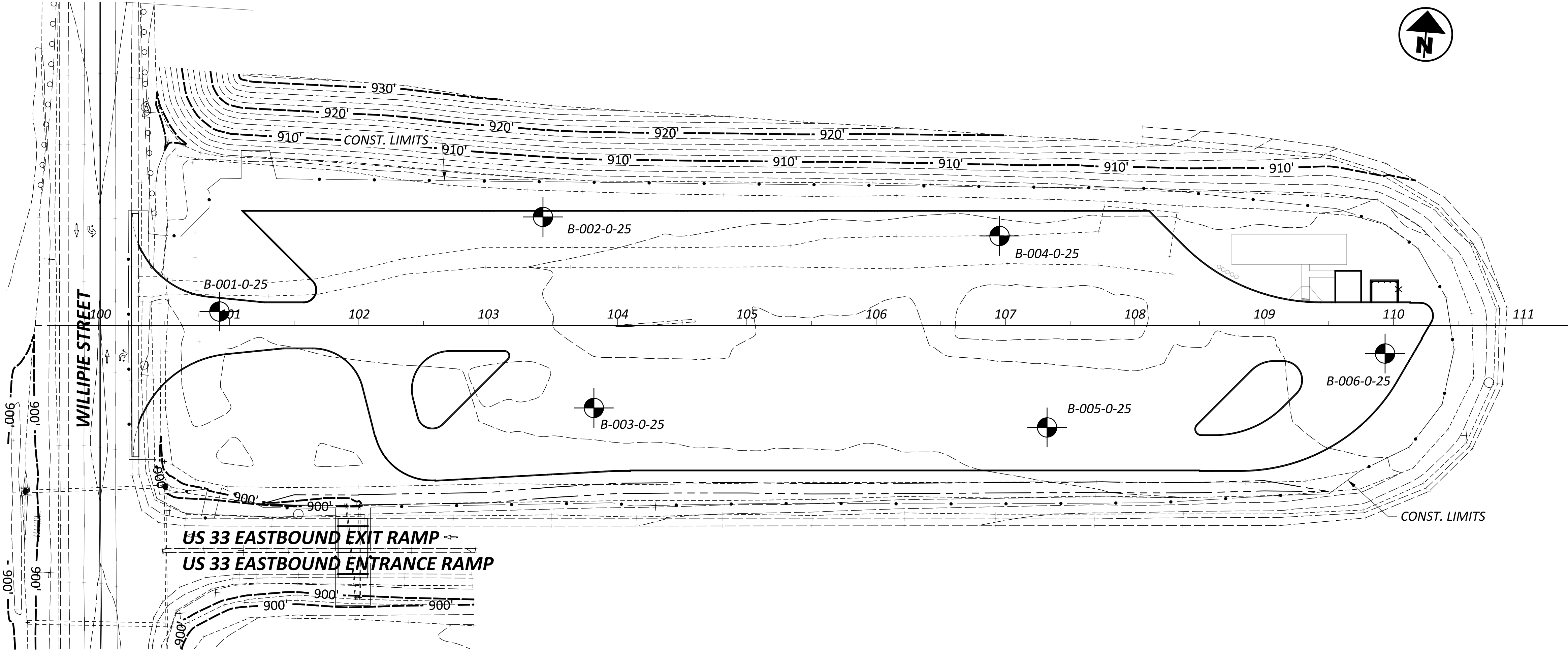
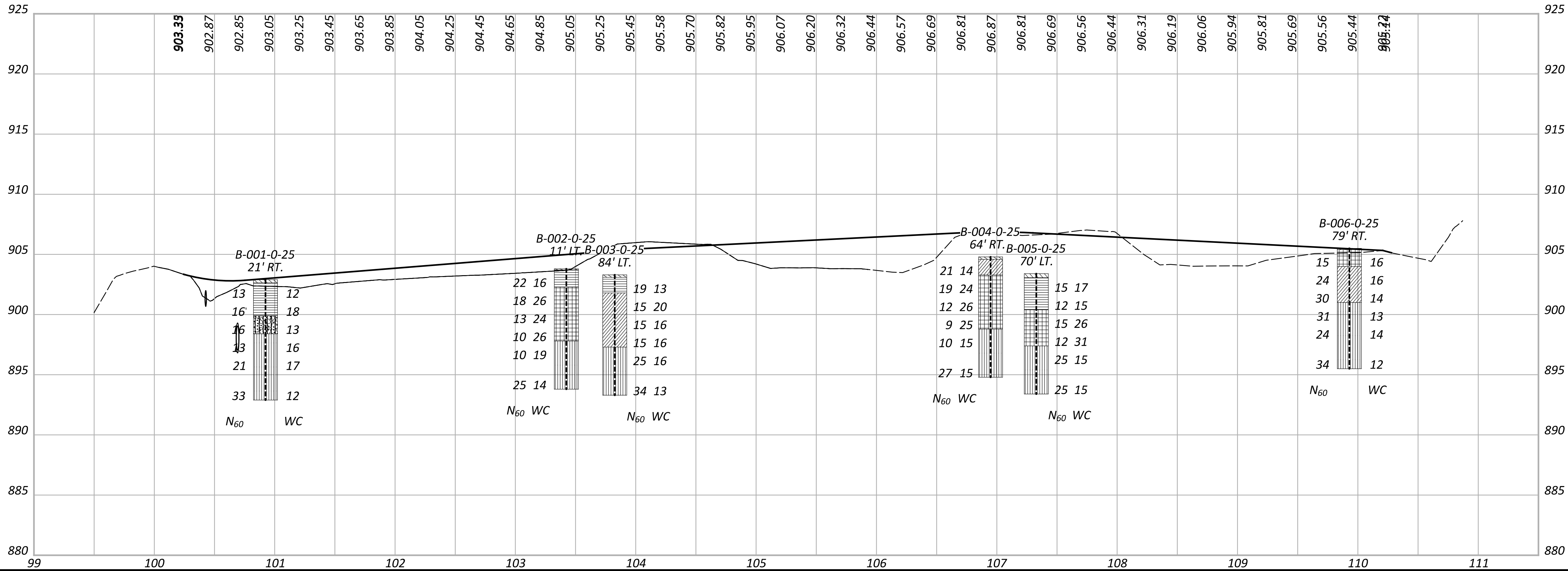
122890

SUBSET TOTAL

2 3

SHEET TOTAL

P.65 66



GEOTECHNICAL PROFILE - ROADWAY
AUG-US33/WILLIPIE ST INFIELD TP



DESIGNER

MP

REVIEWER

DWW 12-16-25

PROJECT ID

122890

SUBSET TOTAL

3 3

SHEET TOTAL

P.66 66

