

Lewis County Public Works
Chehalis, Washington 98532
June 15, 2020

ATTENTION: All Bidders and Planholders

**Mickelsen Parkway Project
CRP 2121**

Addendum No. 1

The Special Provisions and Wage Rates for this project are amended as follows:

Special Provisions

1. On page 13, the following is added after line 5:

1-05.4 Conformity With And Deviations From Plans And Stakes

Section 1-05.4 is supplemented with the following:

(August 7, 2017)

1-05.4 Contractor Surveying - Roadway

Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments. All monuments noted on the plans "DO NOT DISTURB" shall be protected throughout the length of the project or be replaced at the Contractors expense.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by

the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.
4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor
5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.
6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.
7. Establish intermediate elevation benchmarks as needed to check work throughout the project.
8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.

9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.
10. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of two primary control points used for the horizontal and vertical control, and descriptions of two additional primary control points for every additional three miles of project length. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	<u>Vertical</u>	<u>Horizontal</u>
Slope stakes	±0.10 feet	±0.10 feet
Subgrade grade stakes set 0.04 feet below grade		±0.01 feet ±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Surfacing grade stakes	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (normal to alignment)

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

Payment

Payment will be made for the following bid item when included in the proposal:

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the Work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

2. On page 34, the following is added after line 27:

2-03.4 Measurement

Section 2-03.4 is supplemented with the following:

(March 13, 1995)

Only one determination of the original ground elevation will be made on this project. Measurement for roadway excavation and embankment will be based on the original ground elevations recorded previous to the award of this contract.

If discrepancies are discovered in the ground elevations which will materially affect the quantities of earthwork, the original computations of earthwork quantities will be adjusted accordingly.

Earthwork quantities will be computed, either manually or by means of electronic data processing equipment, by use of the average end area method or by the finite element analysis method utilizing digital terrain modeling techniques.

Copies of the ground cross-section notes will be available for the bidder's inspection, before the opening of bids, at the Engineer's office and at the Region office.

Upon award of the contract, copies of the original ground cross-sections will be furnished to the successful bidder on request to the Engineer.

3. On page 44, line 38 is revised to read:
 1. Submit the following prior to construction:
4. On page 70, the following is added after line 34:

7-02 CULVERTS

7-02.2 Materials

(January 20, 2009 G&O)

Delete the sixth paragraph under this Section and replace it with the following:

The Contractor shall provide the diameter and type of pipe specified on the Plans.

7-02.4 Measurement

(June 16, 2006 G&O)

Delete all paragraphs under this Section and replace with the following:

Measurement for payment for culverts will be the number of linear feet of completed installation measured along the horizontal length of pipe at grade.

7-02.5 Payment

(January 7, 2013 G&O)

Delete all paragraphs under this Section and replace with the following:

Payment will be made in accordance with Section 1-04.1, for each of the following bid items that are included in the Proposal:

"Cl. 52 DI Pipe, 12 In. Diam.," per linear foot.

The unit contract price per linear foot of Cl. 52 DI Pipe, 12 In. Diam." shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to

furnish and install this item to include, but not limited to, excavation, pipe bedding, compaction, removal and wastehaul of excess or unsuitable trench excavation material, dewatering, flushing and cleaning.

5. On page 87, the following is added after line 12:

8-02.3(6) Mulch and Amendments

8-02.3(6)B Fertilizers

Section 8-02.3(6)B is supplemented with the following:

(September 3, 2019)

Sufficient quantities of fertilizer shall be applied to supply the following amounts of nutrients:

Total Nitrogen as N - *** 117 *** pounds per acre.

Available Phosphoric Acid as P₂O₅ - *** 39 *** pounds per acre.

Soluble Potash as K₂O - *** 78 *** pounds per acre.

*** 84 *** pounds of nitrogen applied per acre shall be derived from isobutylidene diurea (IBDU), cyclo-di-urea (CDU), or a time release, polyurethane coated source with a minimum release time of 6 months. The remainder may be derived from any source.

The fertilizer formulation and application rate shall be approved by the Engineer before use.

6. On page 87, the following is added after line 51:

The areas of the storm pond planting sections are:

- Scirpus Acutus (Hardstem Bulrush): 10,816 SF
- Sparganium Emersum (Burreed): 1,500 SF
- Veronica Sp. (Marsh Speedwell): 1,618 SF

Wage Rates

1. Washington State Prevailing Wage Rates (effective date 6/9/2020), pages 1 through 17 are deleted and replaced with the new attached Washington State Prevailing Wage Rates (effective date 6/23/2020), pages 1 through 17.

Proposal

1. Bidders are instructed to replace all pages of the Proposal included with Appendix C with the new attached Proposal.

Plans

ADDENDUM NO. 1
CRP 2121
MICKELSEN PARKWAY PROJECT

Proposal

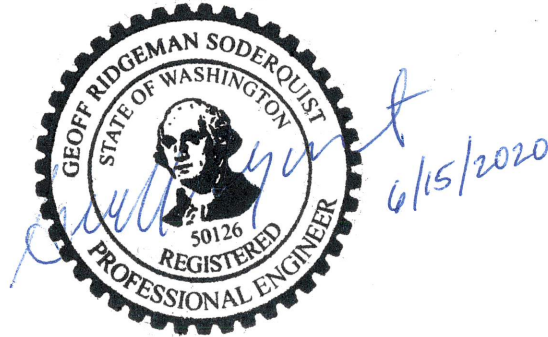
1. Bidders are instructed to replace all pages of the Proposal included with Appendix C with the new attached Proposal.

Plans

1. Plan Sheets 2,16-24, and 28 are replaced with attached sheets 2R,16R-24R, and 28R.
2. Plan Sheets 43A and 43B are attached and added.

Bidders shall furnish the County with evidence of receipt of this Addendum. This Addendum will be incorporated in the contract when awarded and when formally executed.

Geoff Soderquist, P.E.
Assistant County Engineer



Attachment:

Pages 1 through 17 of Washington State Prevailing Wage Rates (effective 6/23/2020)
New Proposal (2 pages Revised 6/15/2020)
Sheets 2R (Revised 6/12/2020), 16R-24R (Revised 6/12/2020), 28R, 43A (Revised 6/12/2020), and 43B (Revised 6/12/2020)

State of Washington
 Department of Labor & Industries
 Prevailing Wage Section - Telephone 360-902-5335
 PO Box 44540, Olympia, WA 98504-4540

Washington State Prevailing Wage

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

Journey Level Prevailing Wage Rates for the Effective Date: 06/23/2020

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
Lewis	Asbestos Abatement Workers	Journey Level	\$50.86	5D	1H		View
Lewis	Boilermakers	Journey Level	\$69.29	5N	1C		View
Lewis	Brick Mason	Journey Level	\$58.82	5A	1M		View
Lewis	Brick Mason	Pointer-Caulker-Cleaner	\$58.82	5A	1M		View
Lewis	Building Service Employees	Janitor	\$13.50		1		View
Lewis	Building Service Employees	Shampooer	\$13.50		1		View
Lewis	Building Service Employees	Waxer	\$13.50		1		View
Lewis	Building Service Employees	Window Cleaner	\$13.50		1		View
Lewis	Cabinet Makers (In Shop)	Journey Level	\$23.17		1		View
Lewis	Carpenters	Acoustical Worker	\$62.44	7A	4C		View
Lewis	Carpenters	Carpenter	\$62.44	7A	4C		View
Lewis	Carpenters	Carpenters on Stationary Tools	\$62.57	7A	4C		View
Lewis	Carpenters	Creosoted Material	\$62.54	7A	4C		View
Lewis	Carpenters	Floor Finisher	\$62.44	7A	4C		View
Lewis	Carpenters	Floor Layer	\$62.44	7A	4C		View
Lewis	Carpenters	Scaffold Erector	\$62.44	7A	4C		View
Lewis	Cement Masons	Application of all Composition Mastic	\$62.97	7A	4U		View
Lewis	Cement Masons	Application of all Epoxy Material	\$62.47	7A	4U		View
Lewis	Cement Masons	Application of all Plastic Material	\$62.97	7A	4U		View
Lewis	Cement Masons	Application of Sealing Compound	\$62.47	7A	4U		View
Lewis	Cement Masons	Application of Underlayment	\$62.97	7A	4U		View
Lewis	Cement Masons	Building General	\$62.47	7A	4U		View
Lewis	Cement Masons	Composition or Kalman Floors	\$62.97	7A	4U		View
Lewis	Cement Masons	Concrete Paving	\$62.47	7A	4U		View
Lewis	Cement Masons	Curb & Gutter Machine	\$62.97	7A	4U		View
Lewis	Cement Masons	Curb & Gutter, Sidewalks	\$62.47	7A	4U		View
Lewis	Cement Masons	Curing Concrete	\$62.47	7A	4U		View

Lewis	Cement Masons	Finish Colored Concrete	\$62.97	7A	4U		View
Lewis	Cement Masons	Floor Grinding	\$62.97	7A	4U		View
Lewis	Cement Masons	Floor Grinding/Polisher	\$62.47	7A	4U		View
Lewis	Cement Masons	Green Concrete Saw, self-powered	\$62.97	7A	4U		View
Lewis	Cement Masons	Grouting of all Plates	\$62.47	7A	4U		View
Lewis	Cement Masons	Grouting of all Tilt-up Panels	\$62.47	7A	4U		View
Lewis	Cement Masons	Gunite Nozzleman	\$62.97	7A	4U		View
Lewis	Cement Masons	Hand Powered Grinder	\$62.97	7A	4U		View
Lewis	Cement Masons	Journey Level	\$62.47	7A	4U		View
Lewis	Cement Masons	Patching Concrete	\$62.47	7A	4U		View
Lewis	Cement Masons	Pneumatic Power Tools	\$62.97	7A	4U		View
Lewis	Cement Masons	Power Chipping & Brushing	\$62.97	7A	4U		View
Lewis	Cement Masons	Sand Blasting Architectural Finish	\$62.97	7A	4U		View
Lewis	Cement Masons	Screed & Rodding Machine	\$62.97	7A	4U		View
Lewis	Cement Masons	Spackling or Skim Coat Concrete	\$62.47	7A	4U		View
Lewis	Cement Masons	Troweling Machine Operator	\$62.97	7A	4U		View
Lewis	Cement Masons	Troweling Machine Operator on Colored Slabs	\$62.97	7A	4U		View
Lewis	Cement Masons	Tunnel Workers	\$62.97	7A	4U		View
Lewis	Divers & Tenders	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$116.20	7A	4C		View
Lewis	Divers & Tenders	Dive Supervisor/Master	\$79.23	7A	4C		View
Lewis	Divers & Tenders	Diver	\$116.20	7A	4C	8V	View
Lewis	Divers & Tenders	Diver On Standby	\$74.23	7A	4C		View
Lewis	Divers & Tenders	Diver Tender	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Manifold Operator	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Manifold Operator Mixed Gas	\$72.31	7A	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Operator/Technician	\$67.31	7A	4C		View
Lewis	Divers & Tenders	Remote Operated Vehicle Tender	\$62.69	7A	4C		View
Lewis	Dredge Workers	Assistant Engineer	\$56.44	5D	3F		View
Lewis	Dredge Workers	Assistant Mate (Deckhand)	\$56.00	5D	3F		View
Lewis	Dredge Workers	Boatmen	\$56.44	5D	3F		View
Lewis	Dredge Workers	Engineer Welder	\$57.51	5D	3F		View
Lewis	Dredge Workers	Leverman, Hydraulic	\$58.67	5D	3F		View
Lewis	Dredge Workers	Mates	\$56.44	5D	3F		View
Lewis	Dredge Workers	Oiler	\$56.00	5D	3F		View
Lewis	Drywall Applicator	Journey Level	\$62.44	5D	1H		View
Lewis	Drywall Tapers	Journey Level	\$62.81	5P	1E		View
Lewis	Electrical Fixture Maintenance Workers	Journey Level	\$13.50		1		View
Lewis	Electricians - Inside	Cable Splicer	\$74.69	5C	1G		View
Lewis	Electricians - Inside	Journey Level	\$69.96	5C	1G		View
Lewis	Electricians - Inside	Lead Covered Cable Splicer	\$79.41	5C	1G		View

Lewis	Electricians - Inside	Welder	\$74.69	5C	1G		View
Lewis	Electricians - Motor Shop	Craftsman	\$15.37		1		View
Lewis	Electricians - Motor Shop	Journey Level	\$14.69		1		View
Lewis	Electricians - Powerline Construction	Cable Splicer	\$82.39	5A	4D		View
Lewis	Electricians - Powerline Construction	Certified Line Welder	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Groundperson	\$49.17	5A	4D		View
Lewis	Electricians - Powerline Construction	Heavy Line Equipment Operator	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Journey Level Lineperson	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Line Equipment Operator	\$64.54	5A	4D		View
Lewis	Electricians - Powerline Construction	Meter Installer	\$49.17	5A	4D	8W	View
Lewis	Electricians - Powerline Construction	Pole Sprayer	\$75.64	5A	4D		View
Lewis	Electricians - Powerline Construction	Powderperson	\$56.49	5A	4D		View
Lewis	Electronic Technicians	Journey Level	\$44.70	6Z	1B		View
Lewis	Elevator Constructors	Mechanic	\$97.31	7D	4A		View
Lewis	Elevator Constructors	Mechanic In Charge	\$105.06	7D	4A		View
Lewis	Fabricated Precast Concrete Products	Journey Level	\$13.50		1		View
Lewis	Fabricated Precast Concrete Products	Journey Level - In-Factory Work Only	\$13.50		1		View
Lewis	Fence Erectors	Fence Erector	\$43.11	7A	4V	8Y	View
Lewis	Fence Erectors	Fence Laborer	\$43.11	7A	4V	8Y	View
Lewis	Flaggers	Journey Level	\$43.11	7A	4V	8Y	View
Lewis	Glaziers	Journey Level	\$66.51	7L	1Y		View
Lewis	Heat & Frost Insulators And Asbestos Workers	Journeyman	\$76.61	5J	4H		View
Lewis	Heating Equipment Mechanics	Journey Level	\$85.88	7F	1E		View
Lewis	Hod Carriers & Mason Tenders	Journey Level	\$52.44	7A	4V	8Y	View
Lewis	Industrial Power Vacuum Cleaner	Journey Level	\$13.50		1		View
Lewis	Inland Boatmen	Boat Operator	\$61.41	5B	1K		View
Lewis	Inland Boatmen	Cook	\$56.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand	\$57.48	5B	1K		View
Lewis	Inland Boatmen	Deckhand Engineer	\$58.81	5B	1K		View
Lewis	Inland Boatmen	Launch Operator	\$58.89	5B	1K		View
Lewis	Inland Boatmen	Mate	\$57.31	5B	1K		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Cleaner Operator, Foamer Operator	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Grout Truck Operator	\$13.50		1		View

Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$13.50		1		View
Lewis	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Tv Truck Operator	\$13.50		1		View
Lewis	Insulation Applicators	Journey Level	\$62.44	7A	4C		View
Lewis	Ironworkers	Journeyman	\$73.73	7N	10		View
Lewis	Laborers	Air, Gas Or Electric Vibrating Screed	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Airtrac Drill Operator	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Ballast Regular Machine	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Batch Weighman	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Brick Pavers	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Brush Cutter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Brush Hog Feeder	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Burner	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Caisson Worker	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Carpenter Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Cement Dumper-paving	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Cement Finisher Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Change House Or Dry Shack	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Chipping Gun (30 Lbs. And Over)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Chipping Gun (Under 30 Lbs.)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Choker Setter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Chuck Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Clary Power Spreader	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Clean-up Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Concrete Dumper/Chute Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Concrete Form Stripper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Concrete Placement Crew	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Concrete Saw Operator/Core Driller	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Crusher Feeder	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Curing Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Demolition: Wrecking & Moving (Incl. Charred Material)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Ditch Digger	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Diver	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Drill Operator (Hydraulic, Diamond)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Dry Stack Walls	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Dump Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Epoxy Technician	\$50.86	7A	4V	8Y	View

Lewis	Laborers	Erosion Control Worker	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Faller & Bucker Chain Saw	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Fine Graders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Firewatch	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Form Setter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Gabian Basket Builders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	General Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Grade Checker & Transit Person	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Grinders	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Grout Machine Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Groutmen (Pressure) Including Post Tension Beams	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Guardrail Erector	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level A)	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level B)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Hazardous Waste Worker (Level C)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	High Scaler	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Jackhammer	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Laserbeam Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Maintenance Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Manhole Builder-Mudman	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Material Yard Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Motorman-Dinky Locomotive	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Nozzleman (Concrete Pump, Green Cutter When Using Combination Of High Pressure Air & Water On Concrete & Rock, Sandblast, Gunite, Shotcrete, Water Blaster, Vacuum Blaster)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pavement Breaker	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pilot Car	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Pipe Layer Lead	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Pipe Layer/Tailor	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Pot Tender	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Reliner	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pipe Wrapper	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Pot Tender	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Powderman	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Powderman's Helper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Power Jacks	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Railroad Spike Puller - Power	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Raker - Asphalt	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Re-timberman	\$52.44	7A	4V	8Y	View
Lewis	Laborers	Remote Equipment Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Rigger/Signal Person	\$51.80	7A	4V	8Y	View

Lewis	Laborers	Rip Rap Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Rivet Buster	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Rodder	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Scaffold Erector	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Scale Person	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Sloper (Over 20")	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Sloper Sprayer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Spreader (Concrete)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Stake Hopper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Stock Piler	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Swinging Stage/Boatswain Chair	\$43.11	7A	4V	8Y	View
Lewis	Laborers	Tamper & Similar Electric, Air & Gas Operated Tools	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Tamper (Multiple & Self-propelled)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Toolroom Person (at Jobsite)	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Topper	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Track Laborer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Track Liner (Power)	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Traffic Control Laborer	\$46.10	7A	4V	9C	View
Lewis	Laborers	Traffic Control Supervisor	\$48.84	7A	4V	9C	View
Lewis	Laborers	Truck Spotter	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Tugger Operator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 0-30 psi	\$120.61	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$125.64	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$129.32	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$135.02	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$137.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$142.24	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$144.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$146.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$148.14	7A	4V	9B	View
Lewis	Laborers	Tunnel Work-Guage and Lock Tender	\$52.54	7A	4V	8Y	View
Lewis	Laborers	Tunnel Work-Miner	\$52.54	7A	4V	8Y	View
Lewis	Laborers	Vibrator	\$51.80	7A	4V	8Y	View
Lewis	Laborers	Vinyl Seamer	\$50.86	7A	4V	8Y	View
Lewis	Laborers	Watchman	\$39.18	7A	4V	8Y	View

Lewis	Laborers	Welder	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Laborers	Well Point Laborer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Laborers	Window Washer/Cleaner	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Laborers - Underground Sewer & Water	General Laborer & Topman	\$50.86	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Laborers - Underground Sewer & Water	Pipe Layer	\$51.80	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Landscape Construction	Landscape Construction/Landscaping Or Planting Laborers	\$39.18	<u>7A</u>	<u>4V</u>	<u>8Y</u>	View
Lewis	Landscape Construction	Landscape Operator	\$65.71	<u>7A</u>	<u>3K</u>	<u>8X</u>	View
Lewis	Landscape Maintenance	Groundskeeper	\$13.50		<u>1</u>		View
Lewis	Lathers	Journey Level	\$62.44	<u>5D</u>	<u>1H</u>		View
Lewis	Marble Setters	Journey Level	\$58.82	<u>5A</u>	<u>1M</u>		View
Lewis	Metal Fabrication (In Shop)	Fitter	\$15.16		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Laborer	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Machine Operator	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Painter	\$13.50		<u>1</u>		View
Lewis	Metal Fabrication (In Shop)	Welder	\$15.16		<u>1</u>		View
Lewis	Millwright	Journey Level	\$63.94	<u>7A</u>	<u>4C</u>		View
Lewis	Modular Buildings	Cabinet Assembly	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Electrician	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Equipment Maintenance	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Plumber	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Production Worker	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Tool Maintenance	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Utility Person	\$13.50		<u>1</u>		View
Lewis	Modular Buildings	Welder	\$13.50		<u>1</u>		View
Lewis	Painters	Journey Level	\$43.40	<u>6Z</u>	<u>2B</u>		View
Lewis	Pile Driver	Crew Tender	\$67.31	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Crew Tender/Technician	\$67.31	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$77.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$82.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$86.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$91.93	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$94.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$99.43	<u>7A</u>	<u>4C</u>		View
Lewis	Pile Driver	Hyperbaric Worker -	\$101.43	<u>7A</u>	<u>4C</u>		View

		Compressed Air Worker 68.01 - 70.00 PSI					
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$103.43	7A	4C		View
Lewis	Pile Driver	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$105.43	7A	4C		View
Lewis	Pile Driver	Journey Level	\$62.69	7A	4C		View
Lewis	Plasterers	Journey Level	\$59.29	7Q	1R		View
Lewis	Playground & Park Equipment Installers	Journey Level	\$13.50		1		View
Lewis	Plumbers & Pipefitters	Journey Level	\$76.22	5A	1G		View
Lewis	Power Equipment Operators	Asphalt Plant Operator	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Assistant Engineers	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Barrier Machine (zipper)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Batch Plant Operator: Concrete	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Bobcat	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Brooms	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Bump Cutter	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Cableways	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Chipper	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Compressor	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Finish Machine -laser Screed	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Conveyors	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom	\$66.81	7A	3K	8X	View

		(including Jib With Attachments)					
Lewis	Power Equipment Operators	Cranes: A-frame - 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Crusher	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Deck Engineer/deck Winches (power)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Derricks, On Building Work	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Dozers D-9 & Under	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Drilling Machine	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Forklift: 3000 Lbs And Over With Attachments	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Grade Engineer: Using Blueprints, Cut Sheets, etc.	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Gradechecker/stakeman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Guardrail punch/Auger	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Locator	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Horizontal/directional Drill Operator	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead 8 Yards. & Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$66.22	7A	3K	8X	View

Lewis	Power Equipment Operators	Loaders, Plant Feed	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Loaders: Elevating Type Belt	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Locomotives, All	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Material Transfer Device	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Motor patrol graders	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type: 100 Tons And Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Pavement Breaker	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Plant Oiler - Asphalt, Crusher	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Posthole Digger, Mechanical	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Power Plant	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Pumps - Water	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Quad 9, HD 41, D10 And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Rigger And Bellman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Rigger/Signal Person, Bellman (Certified)	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Rollagon	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Roller, Other Than Plant Mix	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Roto-mill, Roto-grinder	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Saws - Concrete	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Scrapers - Concrete & Carry All	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Service Engineers - Equipment	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Shotcrete/gunite Equipment	\$62.85	7A	3K	8X	View

Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Slipform Pavers	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Spreader, Topsider & Screedman	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Subgrader Trimmer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower Bucket Elevators	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower crane over 175' through 250' in height, base to boom	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators	Tower Crane Up: To 175' In Height, Base To Boom	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators	Transporters, All Track Or Truck Type	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Trenching Machines	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Crane Oiler/driver Under 100 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators	Truck Mount Portable Conveyor	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators	Welder	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators	Wheel Tractors, Farmall Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators	Yo Yo Pay Dozer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Asphalt Plant Operator	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Assistant Engineers	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Barrier Machine (zipper)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Batch Plant Operator: Concrete	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Bobcat	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Brokk - Remote Demolition Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Brooms	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Bump Cutter	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cableways	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Chipper	\$66.22	7A	3K	8X	View

Lewis	Power Equipment Operators-Underground Sewer & Water	Compressor	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Over 42m	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Finish Machine -laser Screed	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Conveyors	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, 100 Tons - 199 Tons, Or 150 Ft Of Boom (including Jib With Attachments)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, 200 tons to 299 tons, or 250' of boom (including jib with attachments)	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes, Over 300 Tons, Or 300' Of Boom Including Jib With Attachments	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: 20 Tons Through 44 Tons With Attachments	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	cranes: 300 tons and over, or 300' of boom (including jib with attachments)	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: 45 Tons Through 99 Tons, Under 150' Of Boom (including Jib With Attachments)	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: A-frame - 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction 200 tons and over. Tower Cranes: over 250' in height from base to boom.	\$68.84	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: Friction cranes through 199 tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Cranes: Through 19 Tons With Attachments A-frame Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Crusher	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Deck Engineer/deck Winches (power)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Derricks, On Building Work	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Dozers D-9 & Under	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Drill Oilers: Auger Type, Truck Or Crane Mount	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-	Drilling Machine	\$67.49	7A	3K	8X	View

	Underground Sewer & Water						
Lewis	Power Equipment Operators-Underground Sewer & Water	Elevator And Man-lift: Permanent And Shaft Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Forklift: 3000 Lbs And Over With Attachments	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Forklifts: Under 3000 Lbs. With Attachments	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Grade Engineer: Using Blueprints, Cut Sheets, etc.	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Gradechecker/stakeman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Guardrail punch/Auger	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Locator	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Horizontal/directional Drill Operator	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Hydralifts/Boom Trucks Over 10 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Hydralifts/boom Trucks, 10 Tons And Under	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead 8 Yards. & Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Loaders, Overhead Under 6 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Loaders, Plant Feed	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Loaders: Elevating Type Belt	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Locomotives, All	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Material Transfer Device	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Mechanics, All (Leadmen - \$0.50 Per Hour Over Mechanic)	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Motor patrol graders	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$62.85	7A	3K	8X	View

Lewis	Power Equipment Operators-Underground Sewer & Water	Outside Hoists (elevators And Manlifts), Air Tuggers, strato	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type Crane: 20 Tons Through 44 Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 100 Tons And Over	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Overhead, Bridge Type: 45 Tons Through 99 Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Pavement Breaker	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Pile Driver (other Than Crane Mount)	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Plant Oiler - Asphalt, Crusher	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Posthole Digger, Mechanical	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Power Plant	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Pumps - Water	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Quad 9, HD 41, D10 And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Quick Tower - No Cab, Under 100 Feet In Height Based To Boom	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Rigger And Bellman	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Rigger/Signal Person, Bellman (Certified)	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Rollagon	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Roller, Other Than Plant Mix	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Roto-mill, Roto-grinder	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Saws - Concrete	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Scrapers - Concrete & Carry All	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Service Engineers - Equipment	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Shotcrete/gunite Equipment	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-	Shovel, Excavator, Backhoe,	\$65.71	7A	3K	8X	View

	Underground Sewer & Water	Tractors Under 15 Metric Tons					
Lewis	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Slipform Pavers	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Spreader, Topsider & Screedman	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Subgrader Trimmer	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Tower Bucket Elevators	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Tower crane over 175' through 250' in height, base to boom	\$68.17	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Tower Crane: Up To 175' In Height, Base To Boom	\$67.49	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Transporters, All Track Or Truck Type	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Trenching Machines	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver - 100 Tons And Over	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Crane Oiler/driver Under 100 Tons	\$65.71	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Truck Mount Portable Conveyor	\$66.22	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Welder	\$66.81	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Wheel Tractors, Farmall Type	\$62.85	7A	3K	8X	View
Lewis	Power Equipment Operators-Underground Sewer & Water	Yo Yo Pay Dozer	\$66.22	7A	3K	8X	View
Lewis	Power Line Clearance Tree Trimmers	Journey Level In Charge	\$53.10	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Spray Person	\$50.40	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Equipment Operator	\$53.10	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer	\$47.48	5A	4A		View
Lewis	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$36.10	5A	4A		View
Lewis	Refrigeration & Air Conditioning Mechanics	Journey Level	\$76.21	5A	1G		View
Lewis	Residential Brick Mason	Journey Level	\$21.96		1		View
Lewis	Residential Carpenters	Journey Level	\$24.89		1		View

Lewis	Residential Cement Masons	Journey Level	\$16.79		1		View
Lewis	Residential Drywall Applicators	Journey Level	\$36.07		1		View
Lewis	Residential Drywall Tapers	Journey Level	\$24.48		1		View
Lewis	Residential Electricians	Journey Level	\$36.53	5A	1B		View
Lewis	Residential Glaziers	Journey Level	\$25.40		1		View
Lewis	Residential Insulation Applicators	Journey Level	\$17.05		1		View
Lewis	Residential Laborers	Journey Level	\$23.10		1		View
Lewis	Residential Marble Setters	Journey Level	\$21.96		1		View
Lewis	Residential Painters	Journey Level	\$18.76		1		View
Lewis	Residential Plumbers & Pipefitters	Journey Level	\$26.35		1		View
Lewis	Residential Refrigeration & Air Conditioning Mechanics	Journey Level	\$32.14		1		View
Lewis	Residential Sheet Metal Workers	Journey Level	\$33.28		1		View
Lewis	Residential Soft Floor Layers	Journey Level	\$14.86		1		View
Lewis	Residential Sprinkler Fitters (Fire Protection)	Journey Level	\$20.28		1		View
Lewis	Residential Stone Masons	Journey Level	\$21.96		1		View
Lewis	Residential Terrazzo Workers	Journey Level	\$14.86		1		View
Lewis	Residential Terrazzo/Tile Finishers	Journey Level	\$14.86		1		View
Lewis	Residential Tile Setters	Journey Level	\$14.86		1		View
Lewis	Roofers	Journey Level	\$54.62	5A	20		View
Lewis	Roofers	Using Irritable Bituminous Materials	\$57.62	5A	20		View
Lewis	Sheet Metal Workers	Journey Level (Field or Shop)	\$85.88	7F	1E		View
Lewis	Sign Makers & Installers (Electrical)	Journey Level	\$18.04		1		View
Lewis	Sign Makers & Installers (Non-Electrical)	Journey Level	\$50.86	7A	4V	8Y	View
Lewis	Soft Floor Layers	Journey Level	\$51.07	5A	3J		View
Lewis	Solar Controls For Windows	Journey Level	\$13.50		1		View
Lewis	Sprinkler Fitters (Fire Protection)	Journey Level	\$56.76	7J	1R		View
Lewis	Stage Rigging Mechanics (Non Structural)	Journey Level	\$13.50		1		View
Lewis	Stone Masons	Journey Level	\$58.82	5A	1M		View
Lewis	Street And Parking Lot Sweeper Workers	Journey Level	\$16.00		1		View
Lewis	Surveyors	Chain Person	\$65.11	7A	3K		View
Lewis	Surveyors	Instrument Person	\$65.71	7A	3K		View
Lewis	Surveyors	Party Chief	\$66.81	7A	3K		View
Lewis	Telecommunication Technicians	Journey Level	\$44.70	6Z	1B		View
Lewis	Telephone Line Construction - Outside	Cable Splicer	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$23.53	5A	2B		View
Lewis	Telephone Line Construction -	Installer (Repairer)	\$40.09	5A	2B		View

	Outside						
Lewis	Telephone Line Construction - Outside	Special Aparatus Installer I	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Special Apparatus Installer II	\$40.99	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Heavy)	\$41.81	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$38.92	5A	2B		View
Lewis	Telephone Line Construction - Outside	Telephone Lineperson	\$38.92	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Groundperson	\$22.32	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Lineperson/Installer	\$29.60	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television System Technician	\$35.20	5A	2B		View
Lewis	Telephone Line Construction - Outside	Television Technician	\$31.67	5A	2B		View
Lewis	Telephone Line Construction - Outside	Tree Trimmer	\$38.92	5A	2B		View
Lewis	Terrazzo Workers	Journey Level	\$54.06	5A	1M		View
Lewis	Tile Setters	Journey Level	\$54.06	5A	1M		View
Lewis	Tile, Marble & Terrazzo Finishers	Finisher	\$44.89	5A	1B		View
Lewis	Traffic Control Stripers	Journey Level	\$47.68	7A	1K		View
Lewis	Truck Drivers	Asphalt Mix Over 16 Yards	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers	Asphalt Mix To 16 Yards	\$60.00	5D	4Y	8L	View
Lewis	Truck Drivers	Dump Truck	\$60.00	5D	4Y	8L	View
Lewis	Truck Drivers	Dump Truck & Trailer	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers	Other Trucks	\$60.84	5D	4Y	8L	View
Lewis	Truck Drivers - Ready Mix	Transit Mix	\$60.84	5D	4Y	8L	View
Lewis	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$18.18		1		View
Lewis	Well Drillers & Irrigation Pump Installers	Oiler	\$13.50		1		View
Lewis	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.00		1		View

PROPOSAL

06/15/2020

TO: BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY
CHEHALIS, WASHINGTON 98532

This certifies that the undersigned has examined the location of the Mickelsen Parkway Project, CRP 2121, in Lewis County, Washington, and that the plans, specifications and contract governing the work embraced in these improvements, and the method by which payment will be made for said work is understood. The undersigned hereby proposes to undertake and complete the work embraced in this improvement, or as much thereof as can be completed with the money available in accordance with the said plans, specifications and contract, and the following schedules of rates and prices:

NOTE: Unit prices for all items, all extensions, and total amount of bid shall be shown: All entries must be typed or entered in ink.

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNIT PRICE DOLLARS CENTS	AMOUNT DOLLARS CENTS
SCHEDULE A: ROAD AND STORM DRAINAGE ITEMS SUBJECT TO 1-07.2(1) (RULE 171)				
1	L.S.	Mobilization	LUMP SUM	\$
2	L.S.	Clearing and Grubbing	LUMP SUM	\$
3	L.S.	Removal of Structures and Obstructions	LUMP SUM	\$
4	11,500 CY	Roadway Excavation Incl. Haul	\$	\$
5	28,000 TN	Gravel Borrow, Incl. Haul	\$	\$
6	590 TN	Cement for Cement Treated Base	\$	\$
7	12,200 SY	Cement Treated Base	\$	\$
8	60 TN	Quarry Spalls	\$	\$
9	3 EA	Catch Basin Type 2 48 In. Diam	\$	\$
10	2 EA	Catch Basin Type 2 54 In. Diam	\$	\$
11	1 EA	Catch Basin Type 2 54 In. Diam With Flow Control	\$	\$
12	710 LF	Testing Storm Sewer Pipe	\$	\$
13	340 LF	Schedule A Storm Sewer Pipe 12 In. Diam.	\$	\$
14	370 LF	Schedule A Storm Sewer Pipe 24 In. Diam.	\$	\$
15	760 LF	Cl. 52 DI Pipe 12 In. Diam.	\$	\$
16	2 EA	Storm Trash Rack	\$	\$
17	5,650 TN	Crushed Surfacing Top course	\$	\$
18	4,050 TN	Asphalt Treated Base	\$	\$
19	2,000 TN	HMA CI 1/2" PG 58V-22	\$	\$
20	10 DAY	ESC Lead	\$	\$
21	5 EA	Inlet Protection	\$	\$
22	250 SY	Stabilized Construction Entrance	\$	\$
23	40 HR	Street Cleaning	\$	\$
24	3,450 LF	Silt Fence	\$	\$
25	EST.	Erosion/Water Pollution Control	ESTIMATED	\$10,000.00
26	21,600 SY	Seeding, Fertilizing and Mulching	\$	\$
27	2,400 CY	Topsoil Type C	\$	\$
28	50 SY	Erosion Control Blanket	\$	\$
29	L.S.	Storm Pond Planting and Restoration	LUMP SUM	\$
30	10,800 LF	Paint Line	\$	\$

31	35 LF	Paint Stop Line	\$	\$
32	L.S.	Permanent Signing	LUMP SUM	\$
33	L.S.	Project Temporary Traffic Control	LUMP SUM	\$
34	3,820 LF	Conduit Pipe 2 In. Diam.	\$	\$
35	8 EA	Junction Box	\$	\$
36	80 CY	Structure Excavation Class B	\$	\$
37	2,600 SF	Shoring or Extra Excavation Class B Incl. Haul	\$	\$
38	L.S.	Roadway Surveying	LUMP SUM	\$
39	680 LF	Chain Link Fence, Type 3	\$	\$
40	17 EA	End, Gate, Corner, and Pull Post for Chain Link Fence	\$	\$
41	1 EA	Double 14 FT. Chain Link Gate	\$	\$
42	CALC	Minor Change	CALCULATED	\$20,000.00
43	L.S.	SPCC Plan	LUMP SUM	\$
			SCHEDULE A TOTAL:	
SCHEDULE B: WATER MAIN				
ITEMS SUBJECT TO 1-07.2(2) (RULE 170)				
101	50 CY	Removal and Replacement of Unsuitable Material	\$	\$
102	1 EA	Connection to Existing Water Main	\$	\$
103	10 EA	Gate Valve 12 In.	\$	\$
104	1 EA	Comb. Air Release/Air Vacuum Valve Assembly 2 In.	\$	\$
105	1 EA	In-Line Blow-Off Assembly	\$	\$
106	3 EA	End Blow-Off Assembly	\$	\$
107	6 EA	Hydrant Assembly	\$	\$
108	3,760 LF	PVC Pipe for Water Main 12 In. Diam.	\$	\$
109	2,500 LB	Additional Ductile Iron Fittings	\$	\$
110	CALC	Minor Change	CALCULATED	\$5,000.00
111	9,300 SF	Shoring or Extra Excavation Class B Incl. Haul	\$	\$
112	200 TN	Gravel Borrow, Incl. Haul	\$	\$
			SCHEDULE B SUBTOTAL:	
			SCHEDULE B SALES TAX @ 7.8%	
			SCHEDULE B TOTAL	
SCHEDULE C: SEWER MAIN				
ITEMS SUBJECT TO 1-07.2(2) (RULE 170)				
201	50 CY	Removal and Replacement of Unsuitable Material	\$	\$
202	3,530 LF	Sewer Force Main 4 In. Diam.	\$	\$
203	3,695 LF	Sewer Force Main 8 In. Diam.	\$	\$
204	CALC	Minor Change	CALCULATED	\$5,000.00
205	11,500 SF	Shoring or Extra Excavation Class B Incl. Haul	\$	\$
206	300 TN	Gravel Borrow, Incl. Haul	\$	\$
			SCHEDULE C SUBTOTAL:	
			SCHEDULE C SALES TAX @ 7.8%	
			SCHEDULE C TOTAL	
SCHEDULE A TOTAL+SCHEDULE B TOTAL+SCHEDULE C TOTAL = TOTAL BID				\$

L:\Lewis County\19310 Mickelsen Parkway\01 Design\PLANSET\General\SUMMARY OF QUANTITIES.dwg, 6/12/2020 3:34 PM, CHRIS GASKIN

SCHEDULE A: ROAD AND STORM DRAINAGE

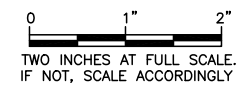
ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT
PREPERATION				
1	0002	Mobilization	1	LS
2	0035	Clearing and Grubbing	1	LS
3	0050	Removal of Structures and Obstructions	1	LS
GRADING				
4	0310	Roadway Excavation Incl. Haul	11,500	CY
5	0431	Gravel Borrow, Incl. Haul	28,000	TN
6	Special	Cement for Cement Treated Base	590	TN
7	Special	Cement Treated Base	12,200	SY
DRAINAGE				
8	1086	Quarry Spalls	60	TN
STORM SEWER				
9	3105	Catch Basin Type 2 48 In. Diam.	3	EA
10	3106	Catch Basin Type 2 54 In. Diam.	2	EA
11	Special	Catch Basin Type 2 54 In. Diam. With Flow Control	1	EA
12	3151	Testing Storm Sewer Pipe	710	LF
13	3541	Schedule A Storm Sewer Pipe 12 In. Diam.	340	LF
14	3543	Schedule A Storm Sewer Pipe 24 In. Diam.	370	LF
15		Cl. 52 DI Pipe 12 In. Diam	760	LF
16	Special	Storm Trash Rack	2	EA
SURFACING				
17	5120	Crushed Surfacing Top Course	6,200	TN
18	Special	Asphalt Treated Base	4,050	TN
HOT MIX ASPHALT				
19	5767	HMA CI 1/2" PG 58V-22	2,000	TN
EROSION CONTROL AND ROADSIDE PLANTING				
20	6403	ESC Lead	10	DAY
21	6471	Inlet Protection	5	EA
22	6468	Stabilized Construction Entrance	250	SY
23	6470	Street Cleaning	40	HR
24	6373	Silt Fence	3,450	LF
25	6488	Erosion/Water Pollution Control	1	FA
26	6431	Seeding, Fertilizing and Mulching	21,600	SY
27	6409	Topsoil Type C	2,400	CY
28	6455	Erosion Control Blanket	50	SY
29	Special	Storm Pond Planting and Restoration	1	LS
TRAFFIC				
30	6806	Paint Line	10,800	LF
31	6859	Paint Stop Line	35	LF
32	Special	Permanent Signing	1	LS
33	6971	Project Temporary Traffic Control	1	LS
34	6945	Conduit Pipe 2 In. Diam.	4,155	LF
35	Special	Junction Box	18	EA
OTHER ITEMS				
36	7006	Structure Excavation Class B	80	CY
37	7008	Shoring or Extra Excavation Class B Incl. Haul	2,600	SF
38	7038	Roadway Surveying	1	LS
39	7083	Chain Link Fence, Type 3	680	LF
40	7097	End, Gate, Corner, and Pull Post for Chain Link Fence	17	EA
41	7102	Double 14 FT. Chain Link Gate	1	EA
42	7728	Minor Change	1	CALC
43	7736	SPCC Plan	1	LS

SCHEDULE B: WATER MAIN

ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT
WATER LINES				
101	3810	Removal and Replacement of Unsuitable Material	50	CY
102	Special	Connection to Existing Water Main	1	EA
103	6165	Gate Valve 12 In.	10	EA
104	3837	Comb. Air Release/Air Vacuum Valve Assembly 2 In.	1	EA
105	Special	In-Line Blow-Off Assembly	1	EA
106	Special	End Blow-Off Assembly	3	EA
107	3846	Hydrant Assembly	6	EA
108	3937	PVC Pipe for Water Main 12 In. Diam.	3,760	LF
109	Special	Additional Ductile Iron Fittings	2,500	LB
OTHER ITEMS				
110	7728	Minor Change	1	CALC
111	7008	Shoring or Extra Excavation Class B Incl. Haul	9,300	SF
112	0431	Gravel Borrow, Incl. Haul	200	TN

SCHEDULE C: SEWER MAIN

ITEM NO.	STD. ITEM NO.	ITEM DESCRIPTION	QTY.	UNIT
SANITARY SEWER				
201	3810	Removal and Replacement of Unsuitable Material	50	CY
202	Special	Sewer Force Main 4 In. Diam	3,530	LF
203	Special	Sewer Force Main 8 In. Diam	3,695	LF
OTHER ITEMS				
204	7728	Minor Change	1	CALC
205	7008	Shoring or Extra Excavation Class B Incl. Haul	11,500	SF
206	0431	Gravel Borrow, Incl. Haul	300	TN



06/12/20

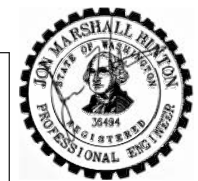
2025 N. E. KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

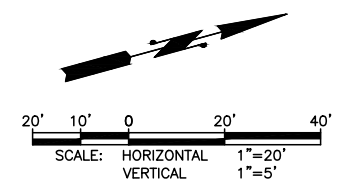
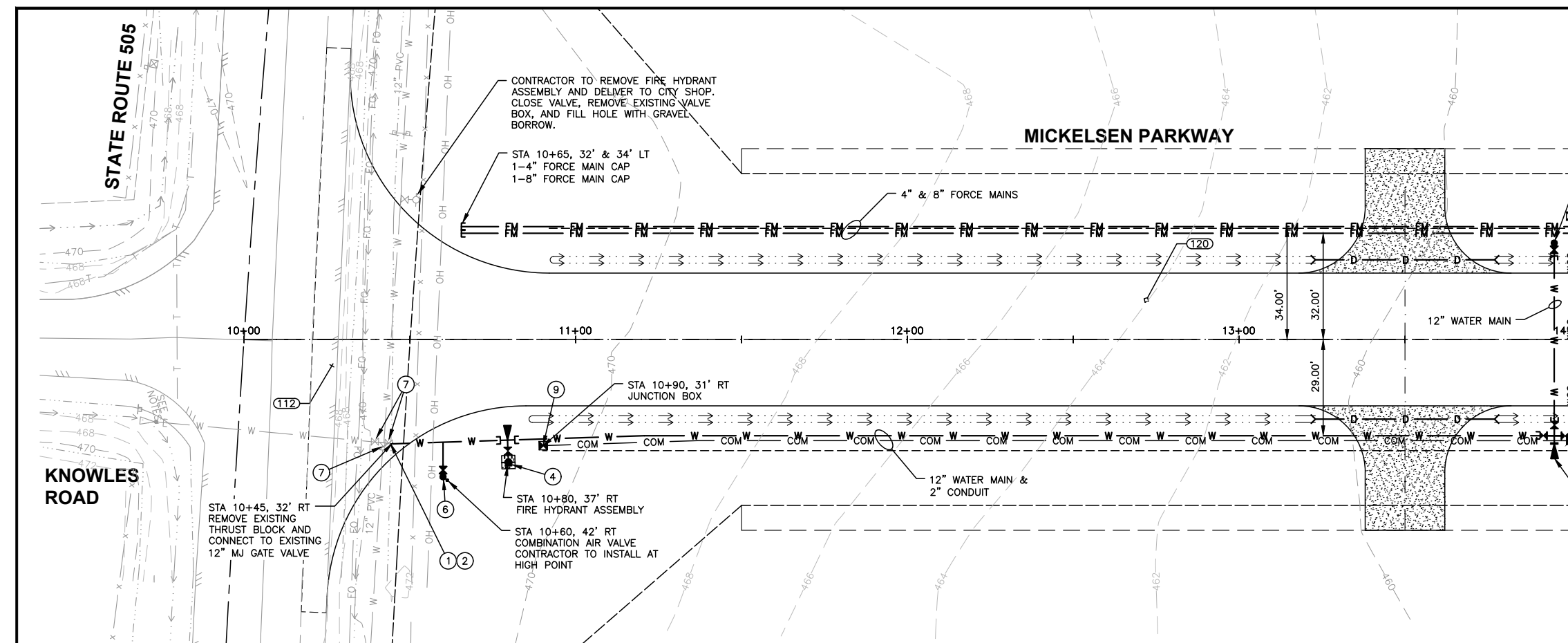
DESIGNED BY :	NO.	DATE	REVISION	BY	APP.
S. GAER					
C. GASKIN					
J. HINTON					
JUNE 2020					

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
SUMMARY OF QUANTITIES

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OF
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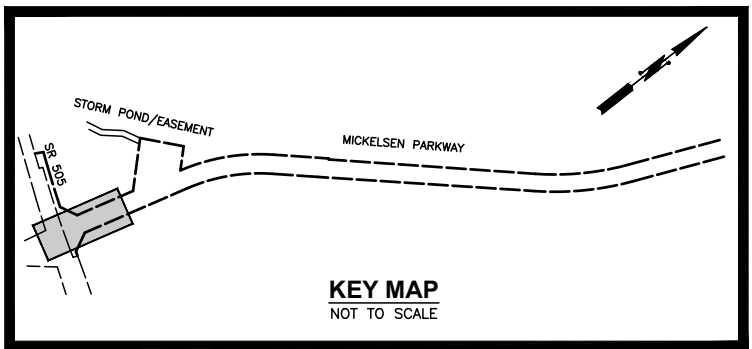
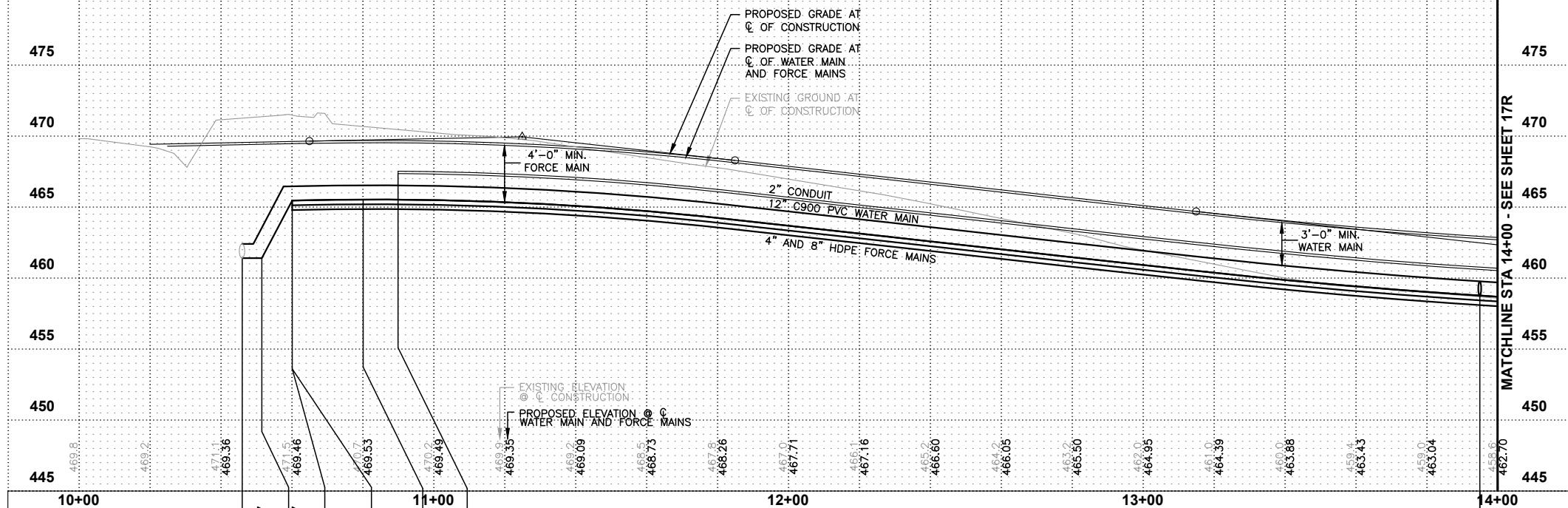




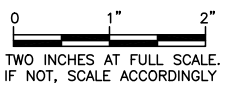
(X) WATER, FORCE MAIN AND CONDUIT NOTES:

- 1 CONTRACTOR SHALL LOCATE EXISTING UTILITIES SO HORIZONTAL AND/OR VERTICAL ALIGNMENT CAN BE ADJUSTED AS NECESSARY. CONTRACTOR SHALL POTHOLE PRIOR TO EXCAVATION TO DETERMINE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS.
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- 9 JUNCTION BOX PER DETAIL 6 ON SHEET 26.

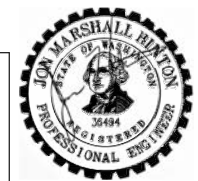
ALL FITTINGS IN FILL AREA SHALL BE RESTRAINED.



RIGHT-OF-WAY DISCLAIMER
 THE RIGHT-OF-WAY AND/OR PROPERTY LINES SHOWN HEREON ARE BASED ON AVAILABLE INFORMATION, NOT ON A SURVEYED LOCATION AND ARE ONLY APPROXIMATE.



06/12/20



Lewis County
 Department of Public Works
 2025 N. E. KRESKY AVE.
 CHEHALIS WA 98532
 PHONE # (360) 740-1123
 FAX # (360) 740-2719

DESIGNED BY : S. GAER
 DRAWN BY : C. GASKIN
 CHECKED BY : J. HINTON
 DATE : JUNE 2020

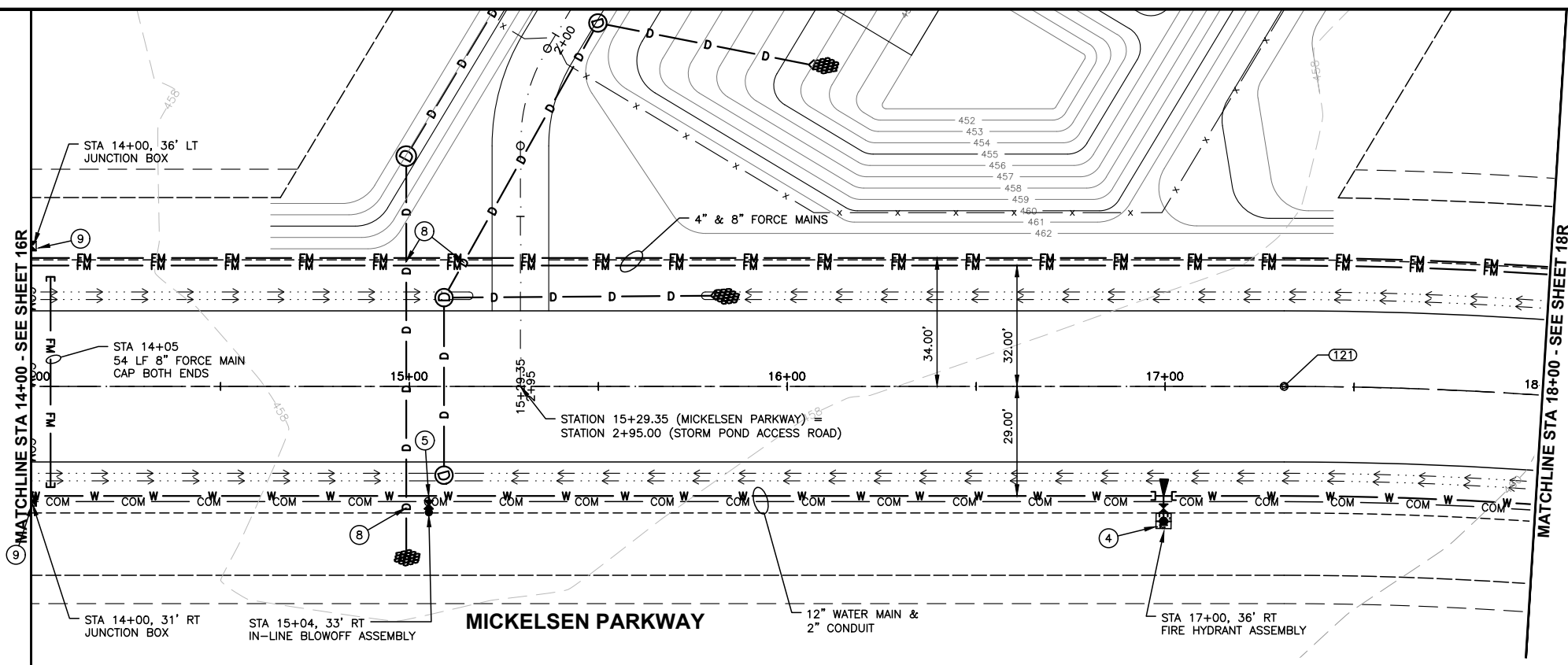
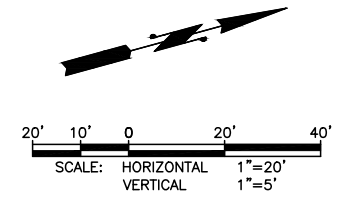
NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
 PLAN AND PROFILE
 STATION 10+00 TO 14+00**

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 OF
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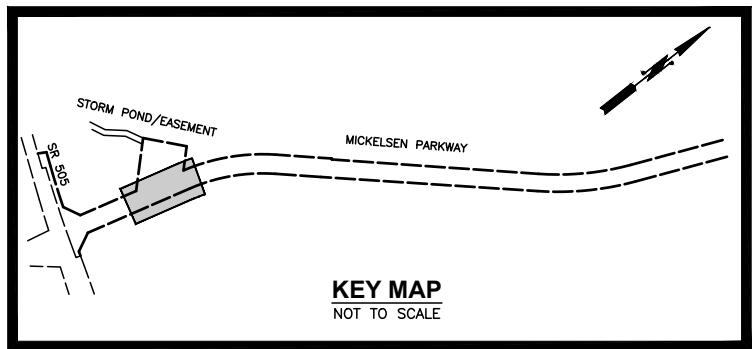
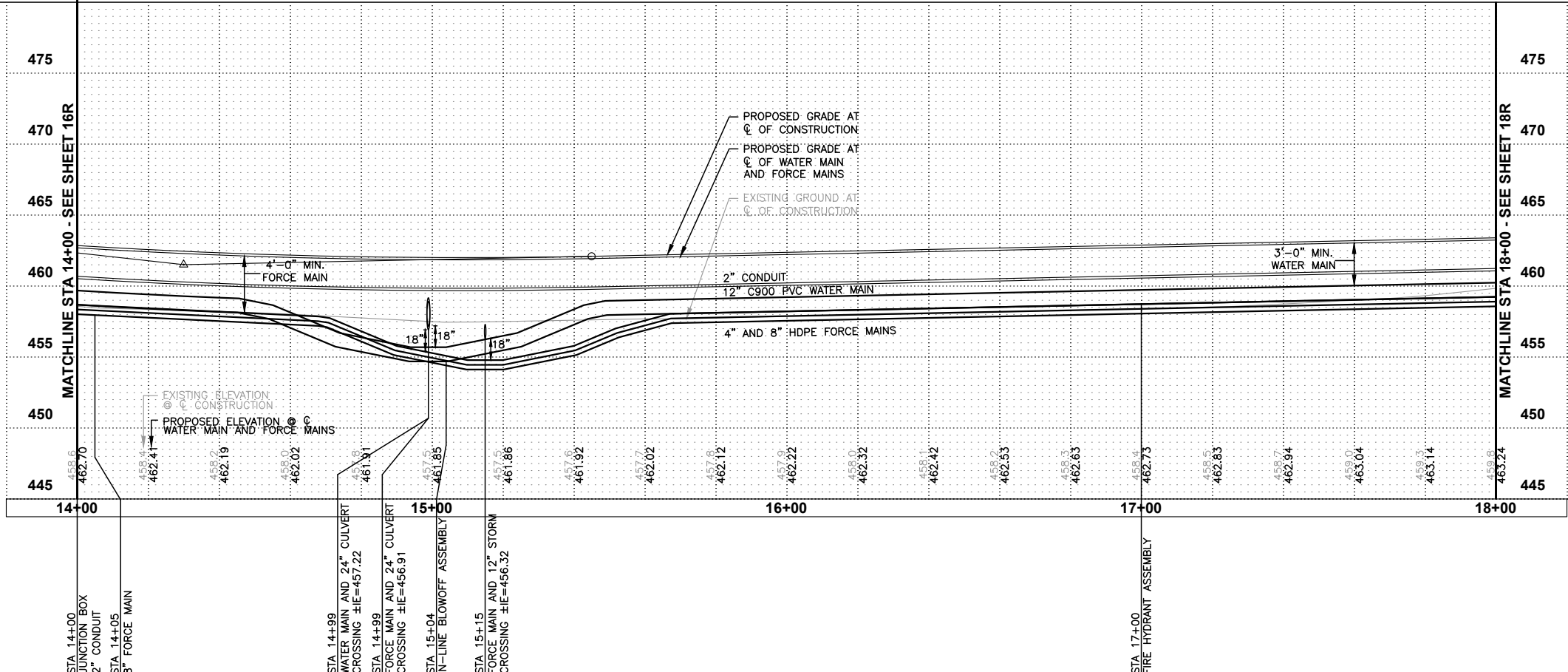




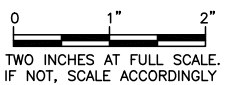
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- (9) JUNCTION BOX PER DETAIL 6 ON SHEET 26.

ALL FITTINGS IN FILL AREA SHALL BE RESTRAINED.



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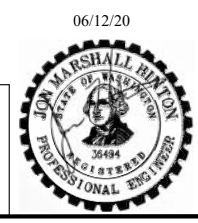
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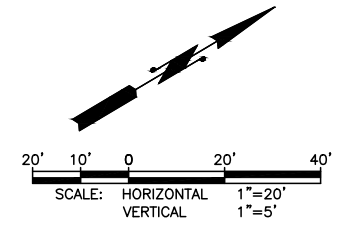
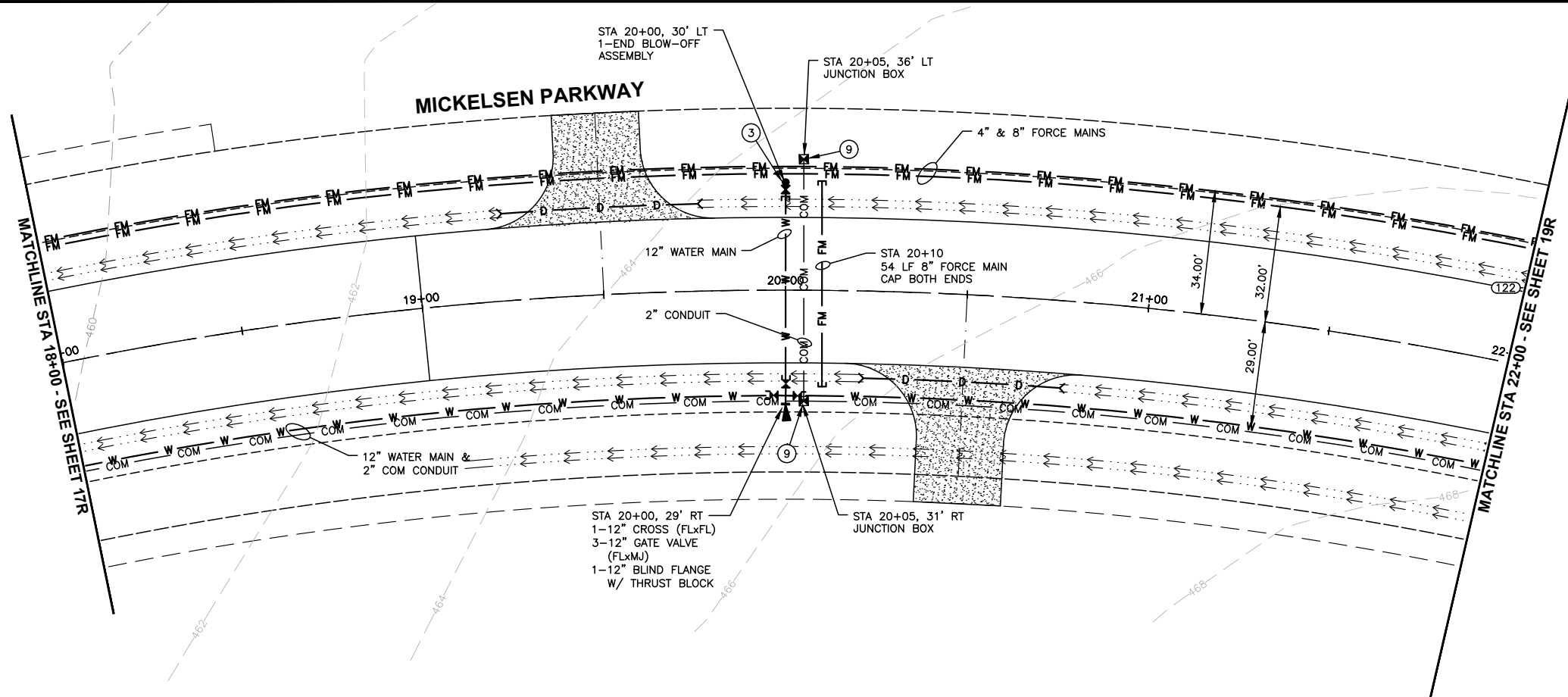
MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
PLAN AND PROFILE
STATION 14+00 TO 18+00**

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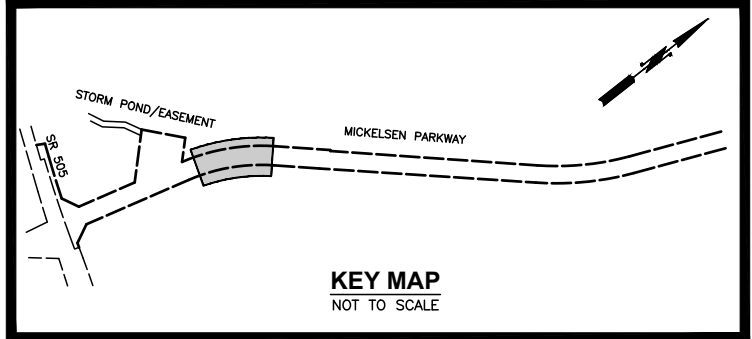
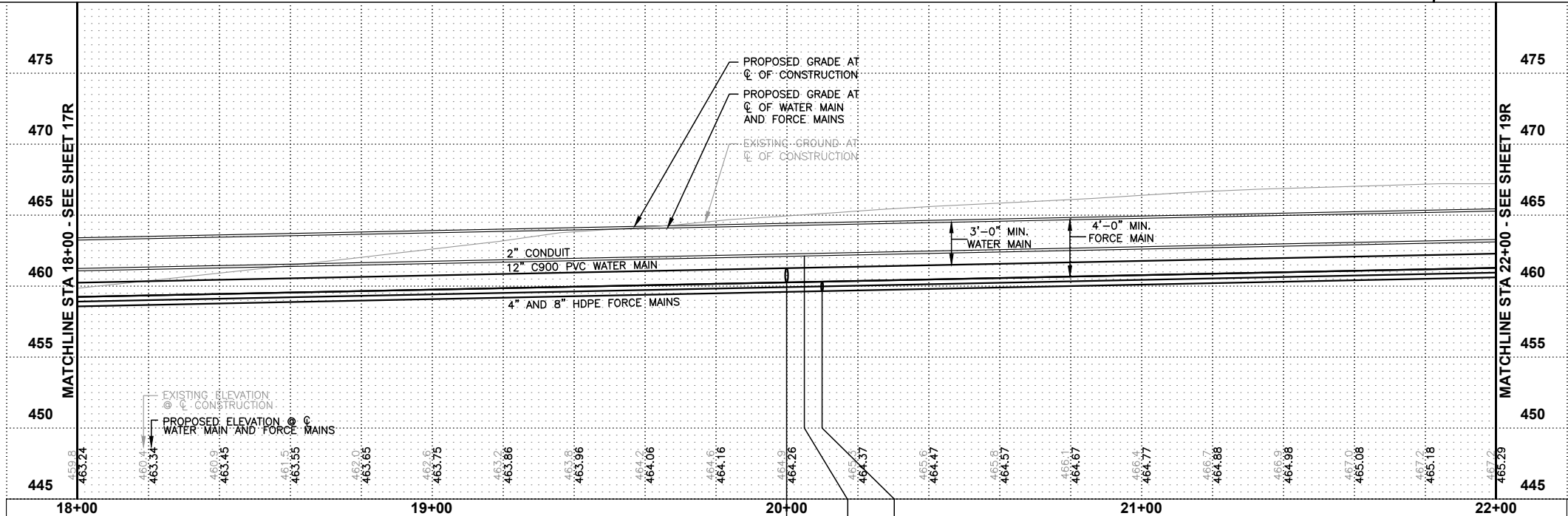
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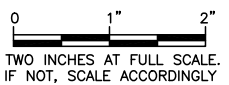
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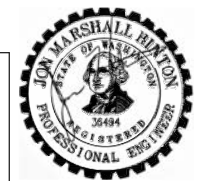
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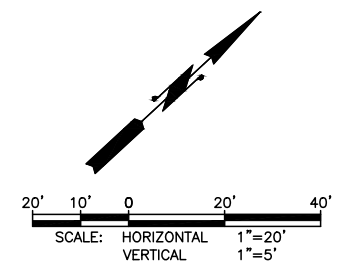
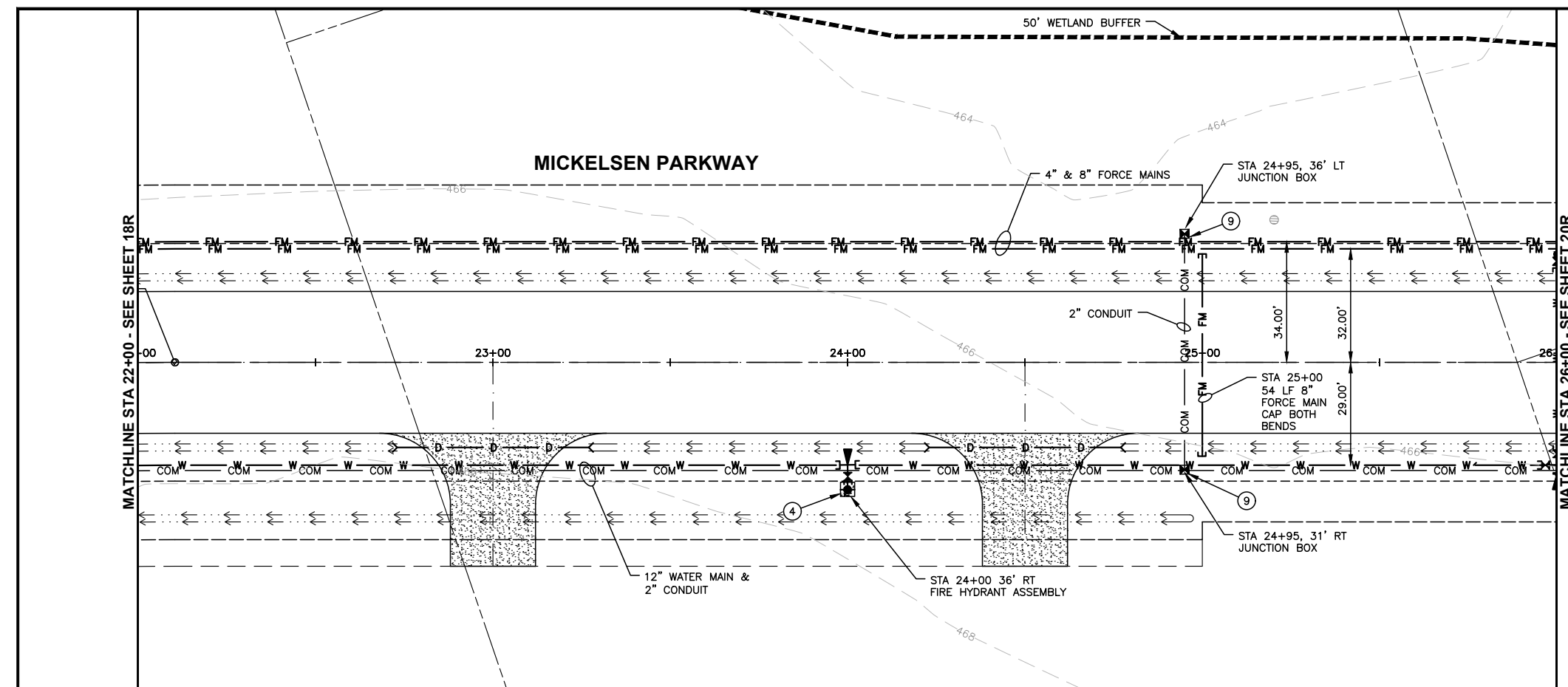
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MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
PLAN AND PROFILE**
STATION 18+00 TO 22+00

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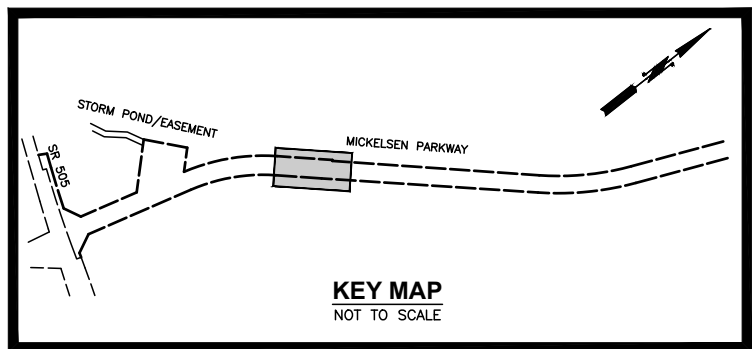
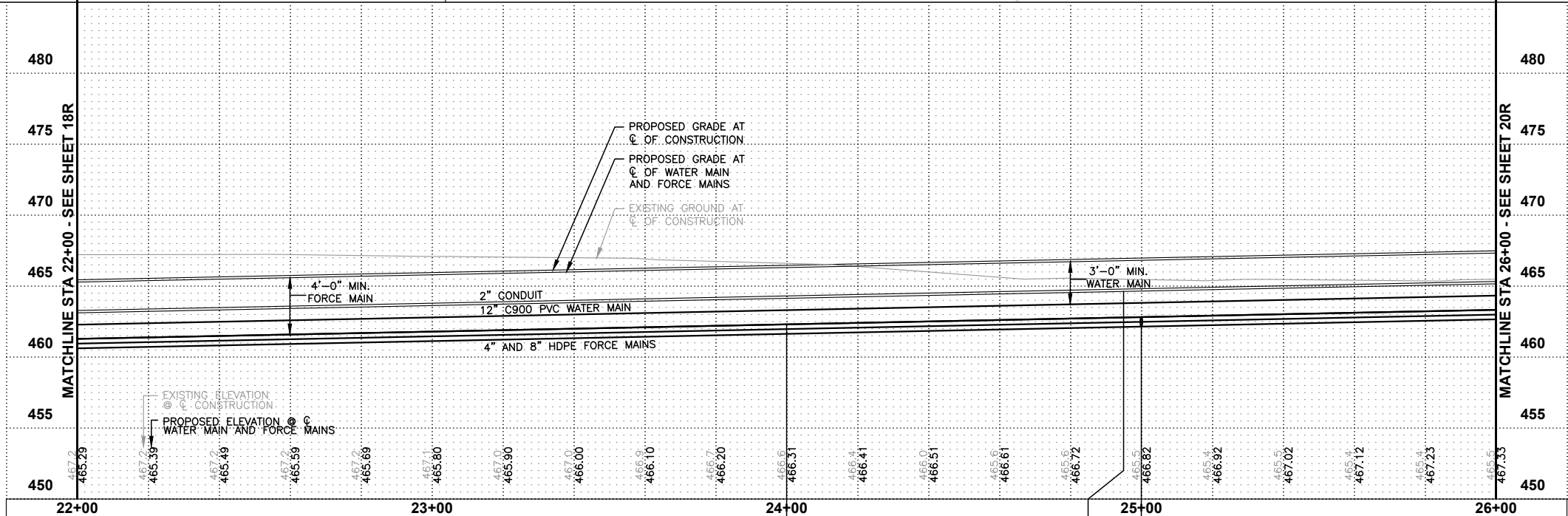




ⓧ WATER, FORCE MAIN AND CONDUIT NOTES:

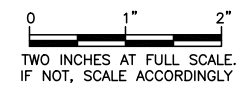
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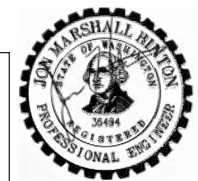
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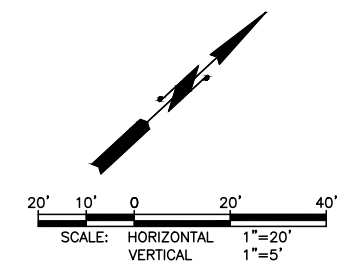
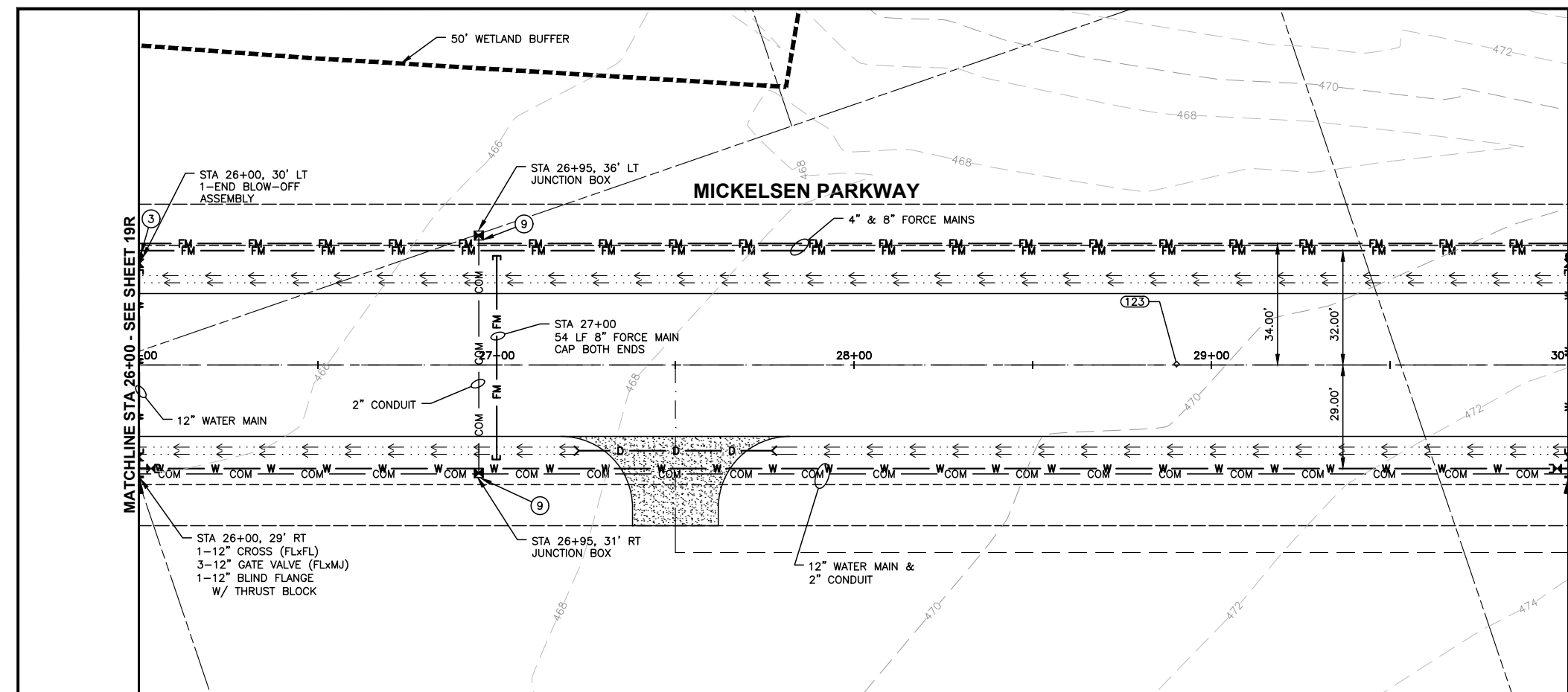
NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
PLAN AND PROFILE
STATION 22+00 TO 26+00**

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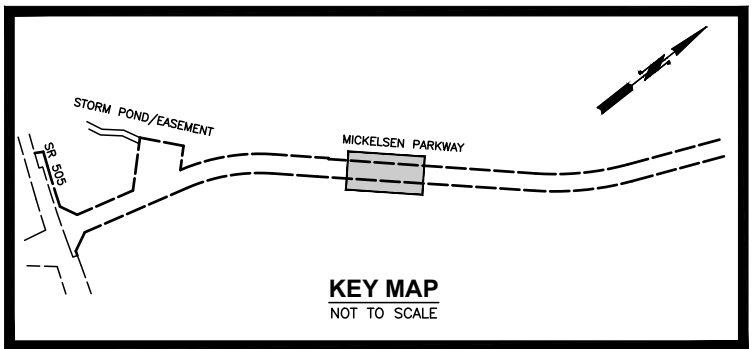
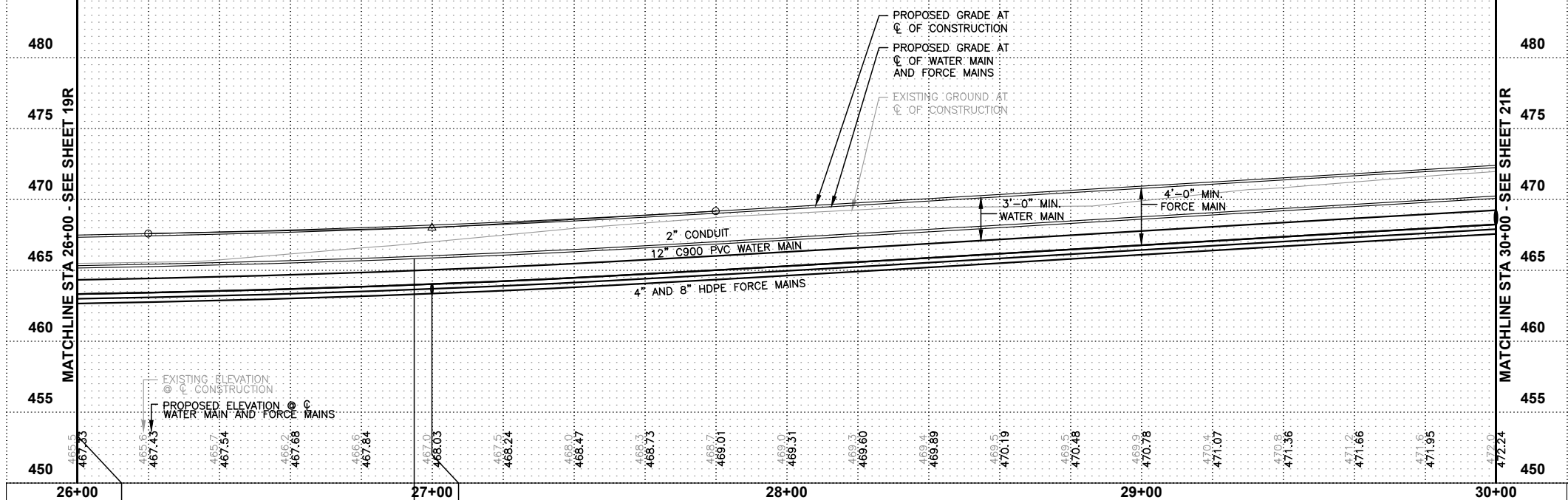




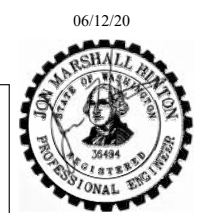
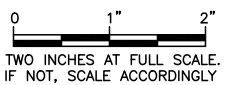
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 DATE : JUNE 2020

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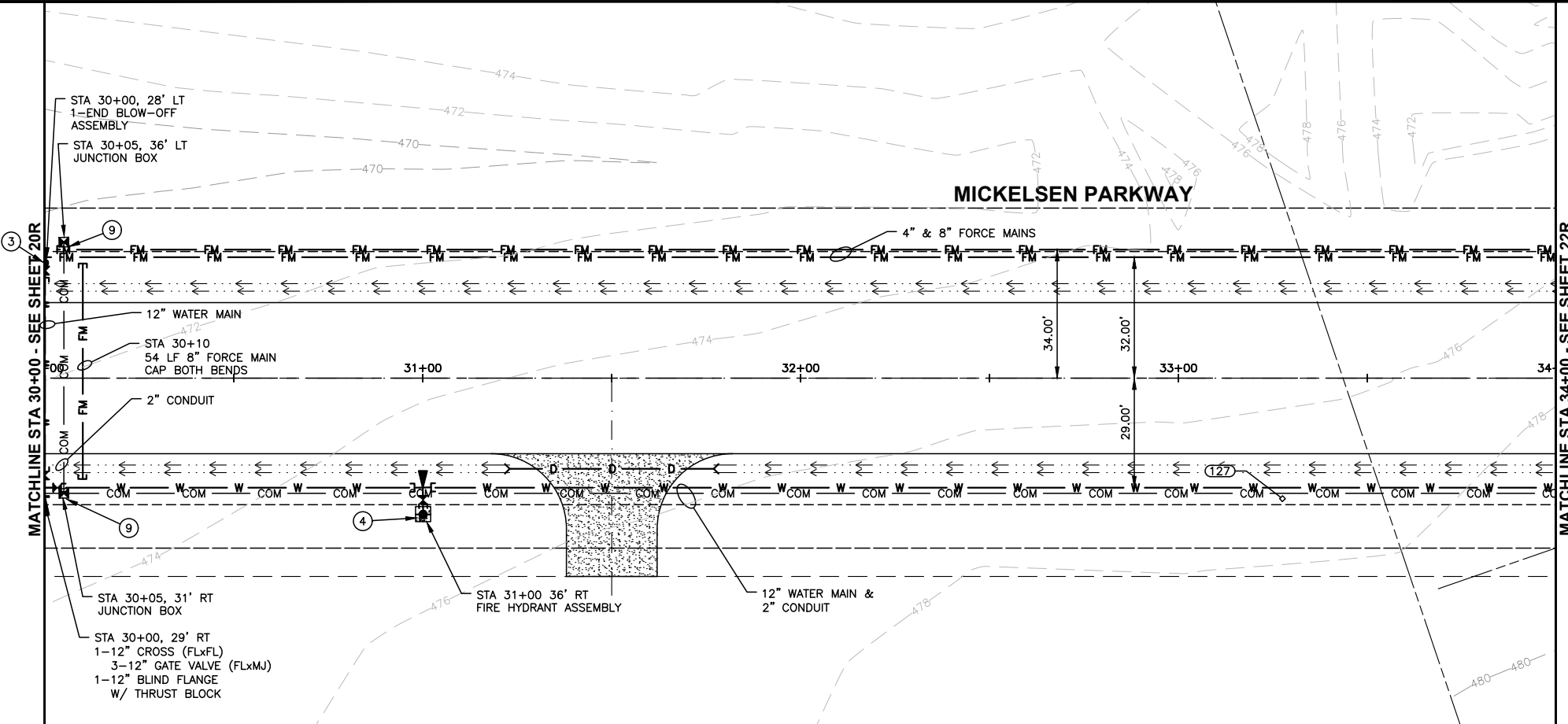
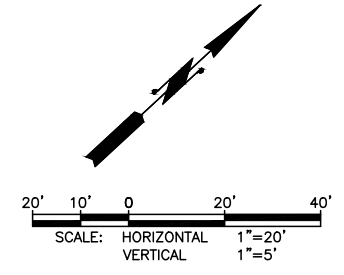
MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
 PLAN AND PROFILE
 STATION 26+00 TO 30+00**

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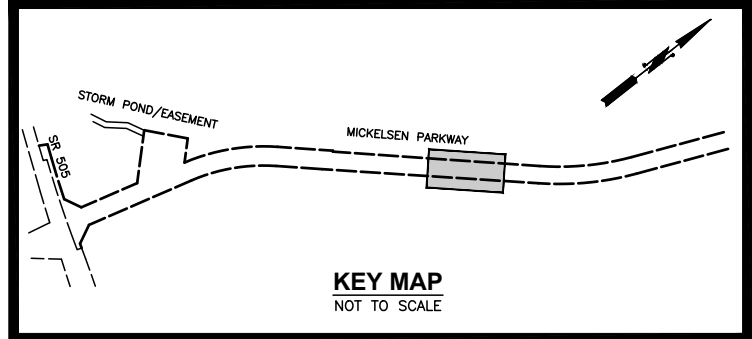
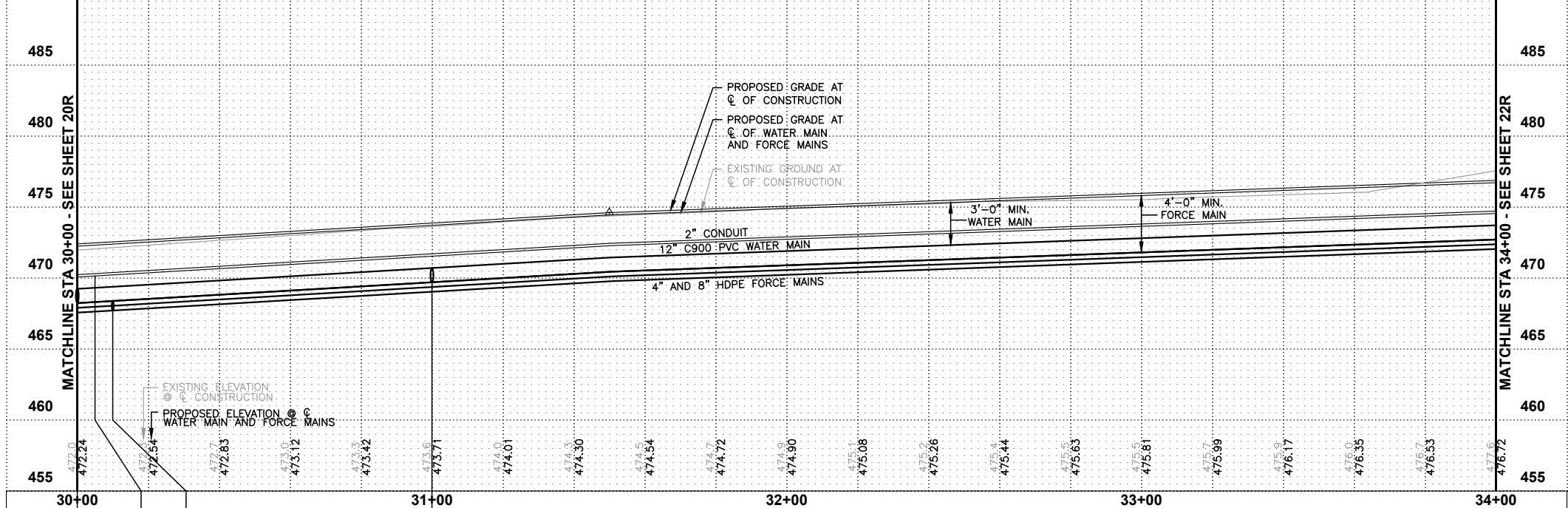
06/12/20



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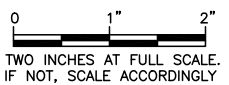
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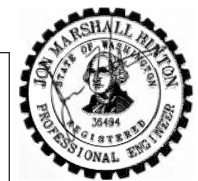
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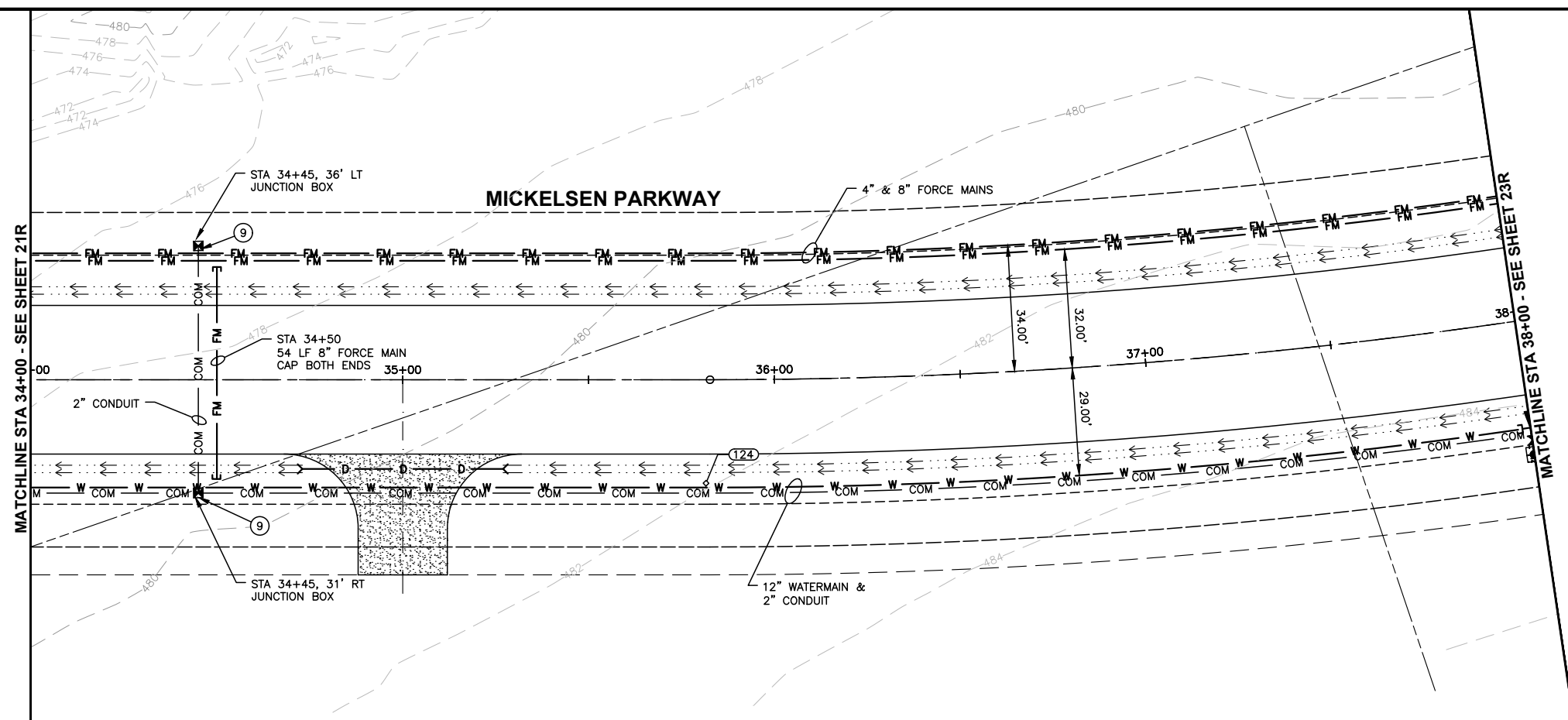
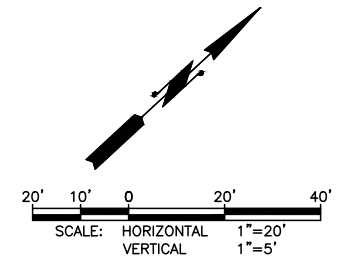
NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
PLAN AND PROFILE
STATION 30+00 TO 34+00**

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OF
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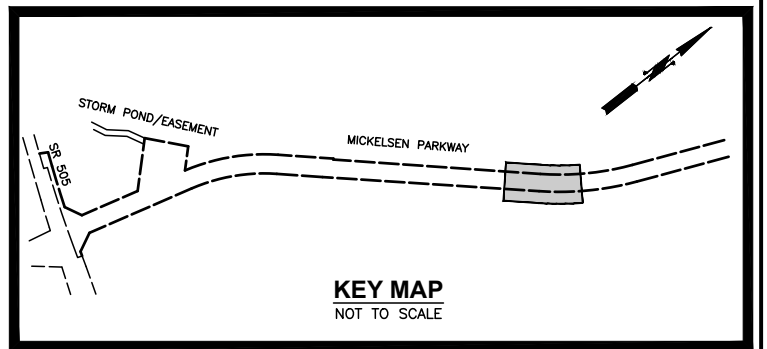
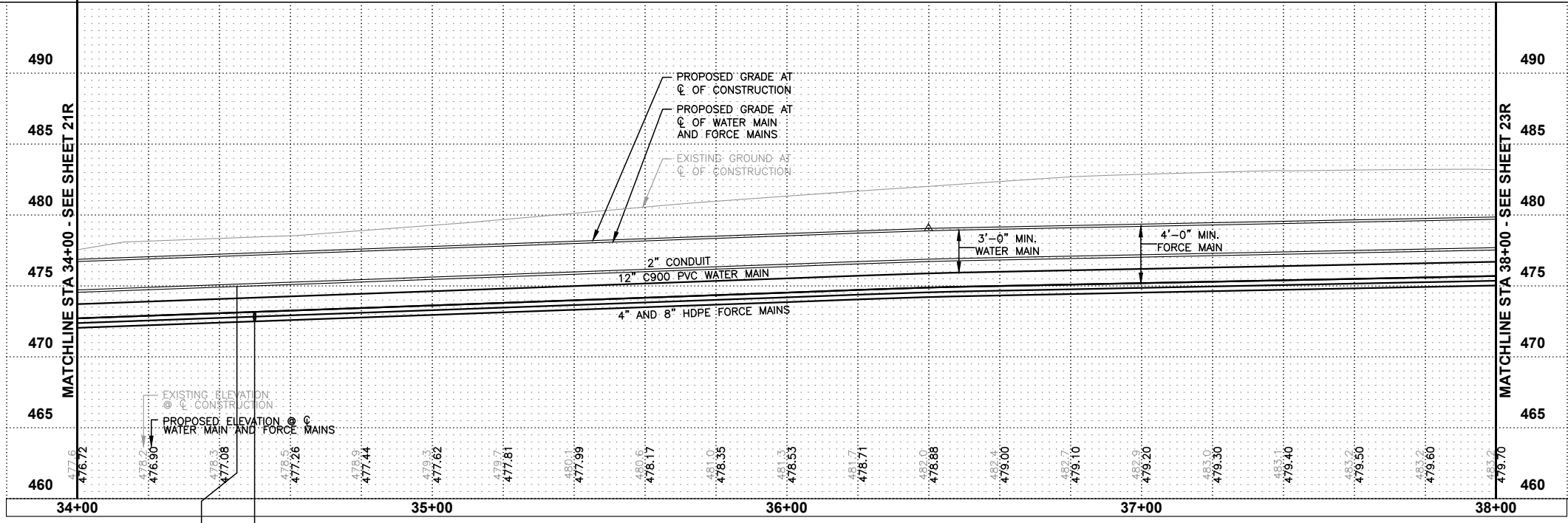




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0 1" 2"
 TWO INCHES AT FULL SCALE.
 IF NOT, SCALE ACCORDINGLY

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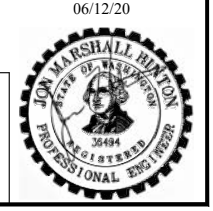
NO.	DATE	REVISION	BY	APP.

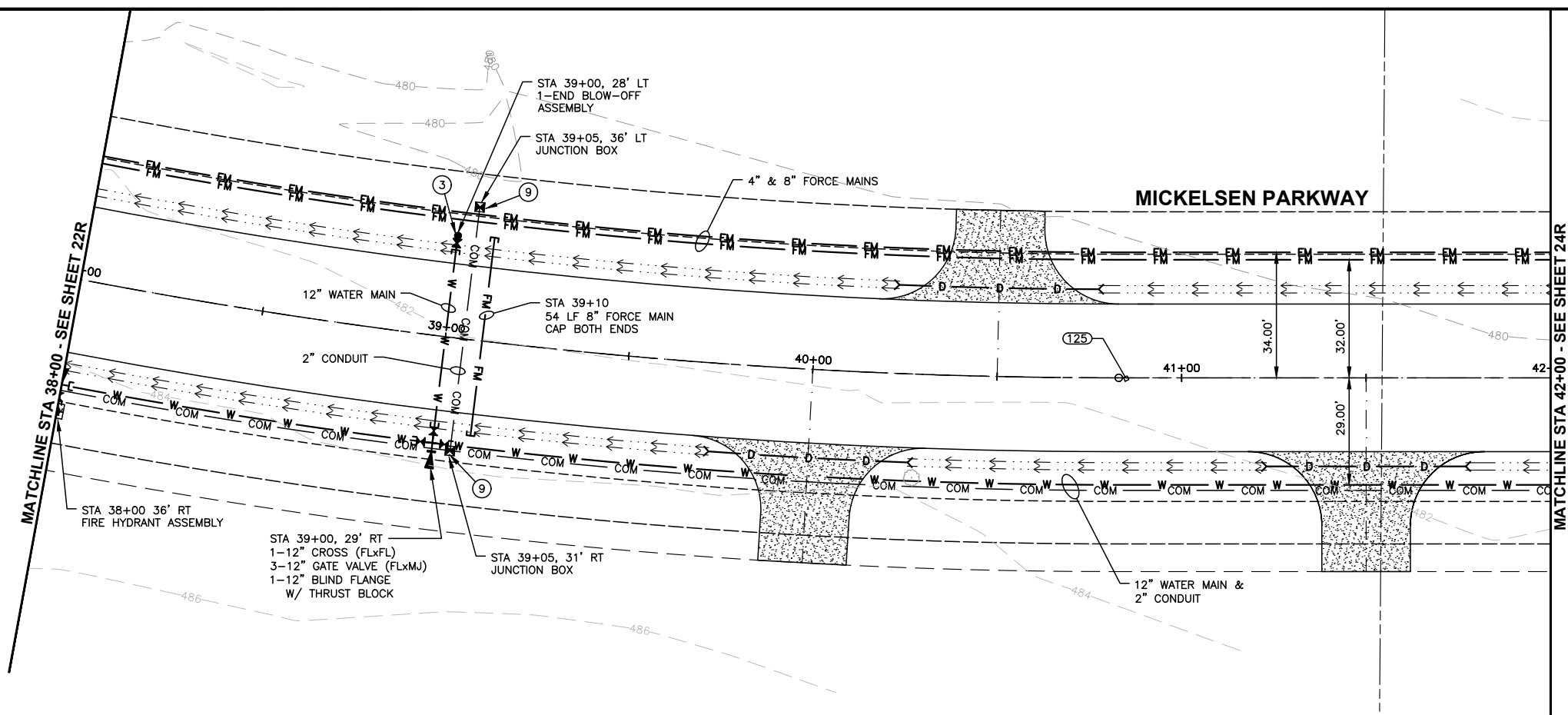
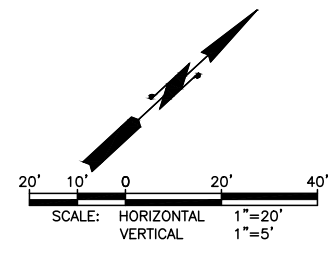
MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
 PLAN AND PROFILE**
 STATION 43+00 TO 38+00

SHEET
22R
 OF
52

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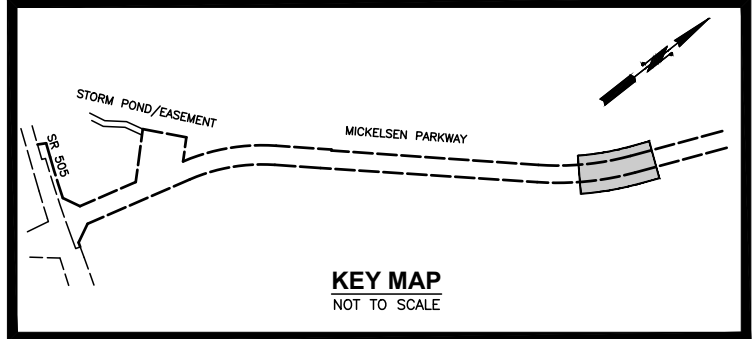
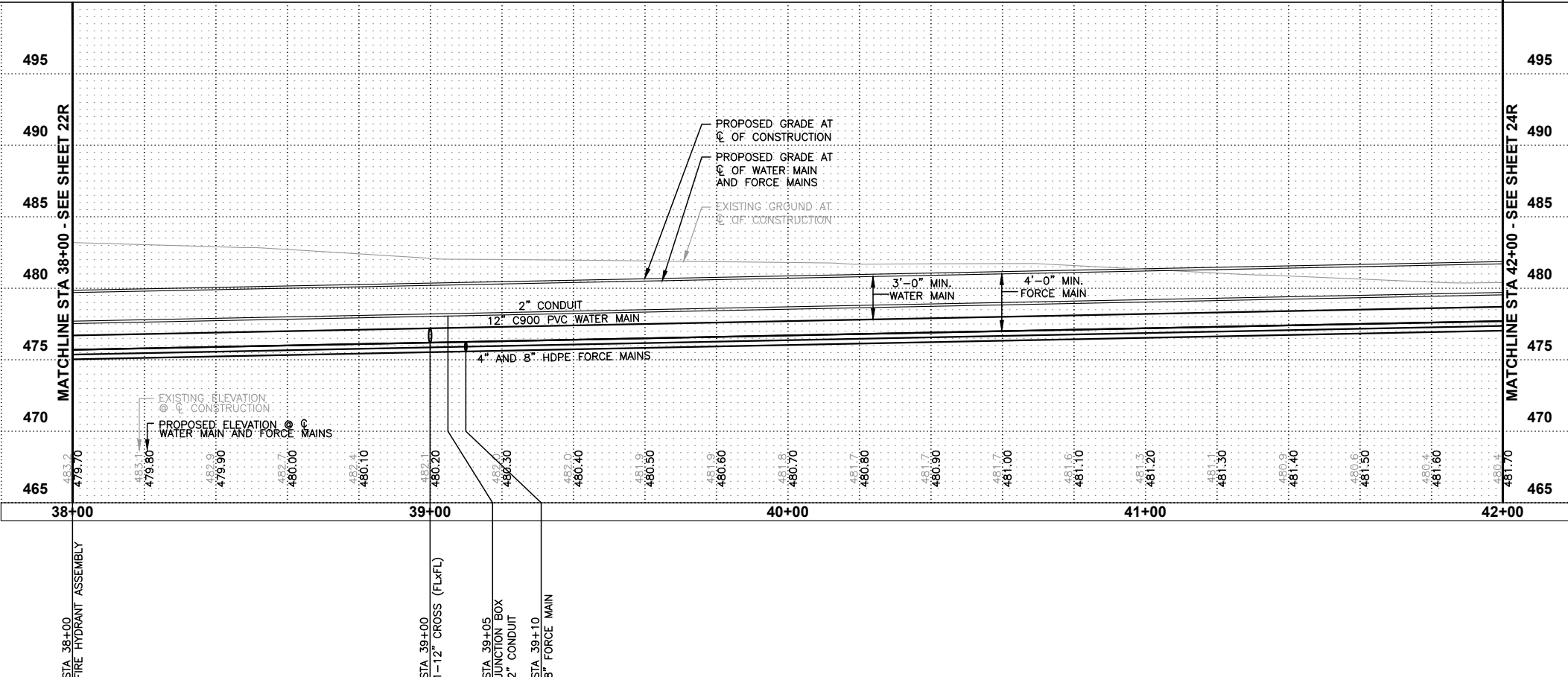




ⓧ WATER, FORCE MAIN AND CONDUIT NOTES:

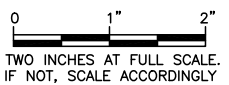
- ① CONTRACTOR SHALL LOCATE EXISTING UTILITIES SO HORIZONTAL AND/OR VERTICAL ALIGNMENT CAN BE ADJUSTED AS NECESSARY. CONTRACTOR SHALL POT-HOLE PRIOR TO EXCAVATION TO DETERMINE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS.
- ② CONTRACTOR SHALL CONNECT NEW WATER MAIN TO EXISTING WATER MAIN WITH TRANSITION COUPLING. CONTRACTOR SHALL NOT MAKE CONNECTION TO EXISTING SYSTEM UNTIL A SUCCESSFUL PURITY AND PRESSURE TEST OF THE NEW SYSTEM HAS BEEN WITNESSED BY THE OWNER. CONTRACTOR SHALL INSTALL TEMPORARY BLOW-OFFS, FITTINGS, AND BLOCKING AS NECESSARY TO TEST AND DISINFECT WATER MAIN.
- ③ 2" END BLOWOFF ASSEMBLY PER CITY STANDARD DETAIL 4-8 ON SHEET 27.
- ④ FIRE HYDRANT ASSEMBLY PER CITY STANDARD DETAIL 4-6 ON SHEET 27 AND FIRE HYDRANT LAYOUT DETAIL 2 ON SHEET 26.
- ⑤ 2" IN-LINE BLOWOFF ASSEMBLY PER DETAIL 3 ON SHEET 26.
- ⑥ COMBINATION AIR VALVE PER CITY STANDARD DETAIL 4-7 ON SHEET 27.
- ⑦ ADJUST VALVE BOX PER DETAIL 4 ON SHEET 26.
- ⑧ UTILITY CROSSING: INSTALL WATER AND FORCE MAINS UNDER STORM SYSTEM. INSTALL VERTICAL BENDS AS NECESSARY.
- ⑨ JUNCTION BOX PER DETAIL 6 ON SHEET 26.

ALL FITTINGS IN FILL AREA SHALL BE RESTRAINED.



RIGHT-OF-WAY DISCLAIMER

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06/12/20

Lewis County
Department of Public Works
2025 N. E. KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

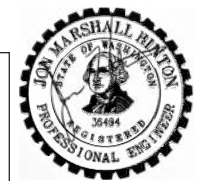
DESIGNED BY : S. GAER
DRAWN BY : C. GASKIN
CHECKED BY : J. HINTON
DATE : JUNE 2020

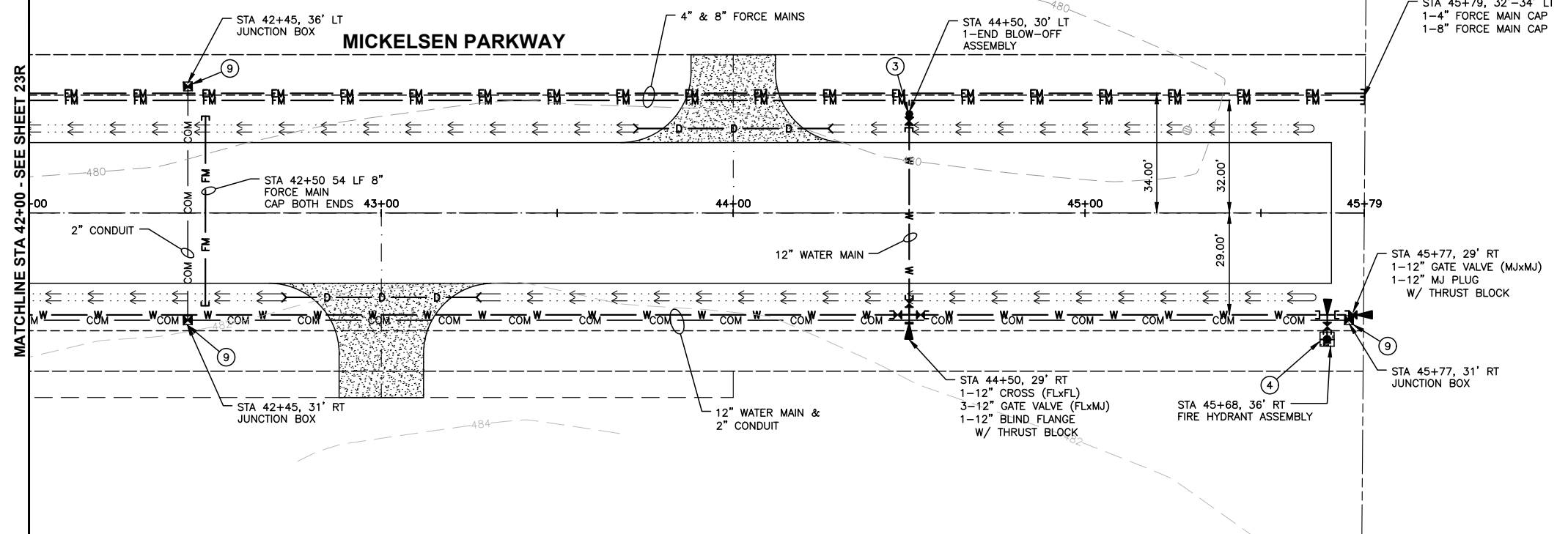
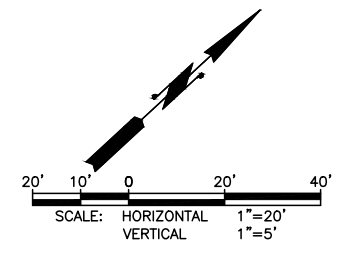
NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
**WATER AND FORCE MAIN
PLAN AND PROFILE
STATION 38+00 TO 42+00**

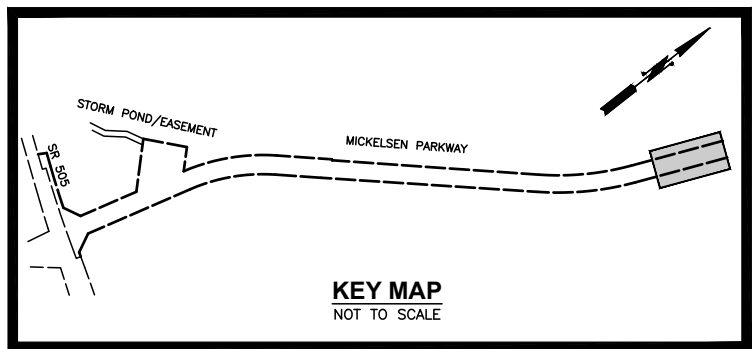
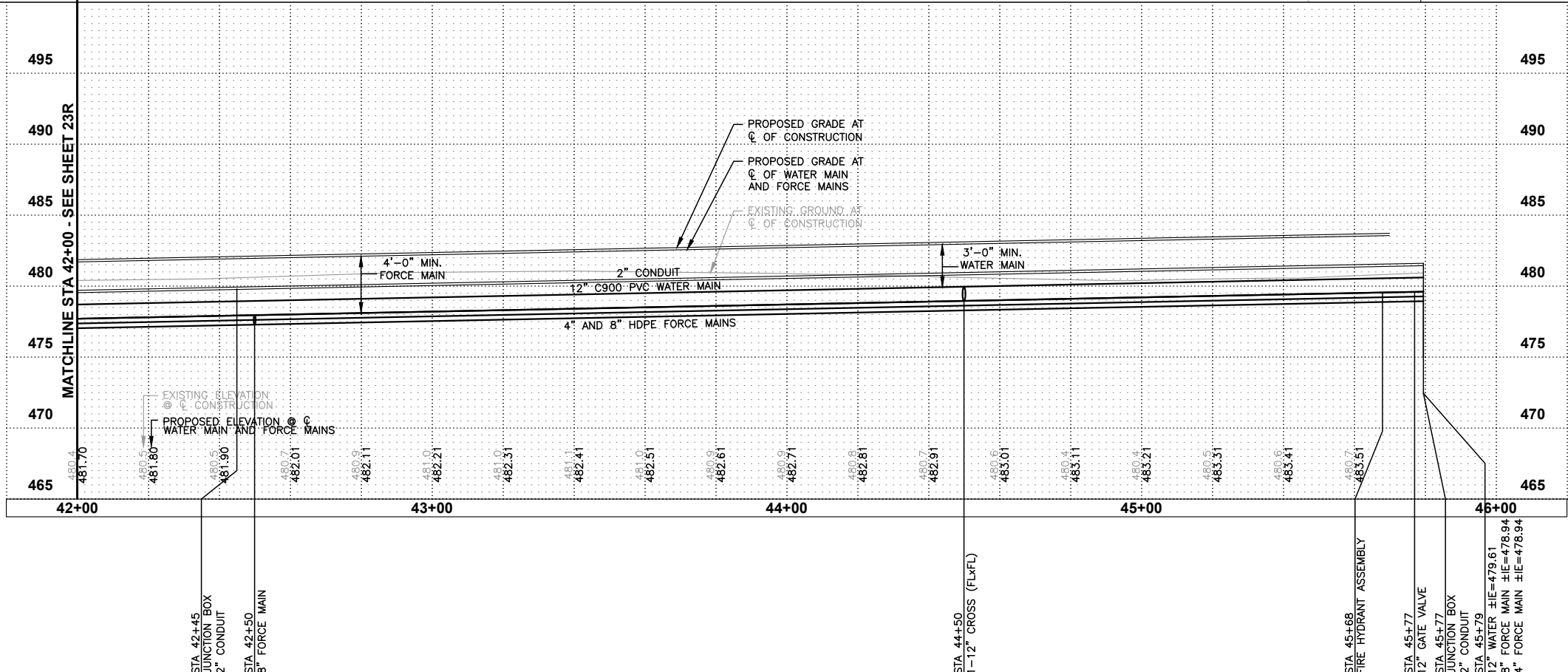
SHEET
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52





- ⓧ WATER, FORCE MAIN AND CONDUIT NOTES:**
- CONTRACTOR SHALL LOCATE EXISTING UTILITIES SO HORIZONTAL AND/OR VERTICAL ALIGNMENT CAN BE ADJUSTED AS NECESSARY. CONTRACTOR SHALL POTHOLE PRIOR TO EXCAVATION TO DETERMINE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AT ALL CROSSINGS AND CONNECTIONS.
 - CONTRACTOR SHALL CONNECT NEW WATER MAIN TO EXISTING WATER MAIN WITH TRANSITION COUPLING. CONTRACTOR SHALL NOT MAKE CONNECTION TO EXISTING SYSTEM UNTIL A SUCCESSFUL PURITY AND PRESSURE TEST OF THE NEW SYSTEM HAS BEEN WITNESSED BY THE OWNER. CONTRACTOR SHALL INSTALL TEMPORARY BLOW-OFFS, FITTINGS, AND BLOCKING AS NECESSARY TO TEST AND DISINFECT WATER MAIN.
 - 2" END BLOWOFF ASSEMBLY PER CITY STANDARD DETAIL 4-8 ON SHEET 27.
 - FIRE HYDRANT ASSEMBLY PER CITY STANDARD DETAIL 4-6 ON SHEET 27 AND FIRE HYDRANT LAYOUT DETAIL 2 ON SHEET 26.
 - 2" IN-LINE BLOWOFF ASSEMBLY PER DETAIL 3 ON SHEET 26.
 - COMBINATION AIR VALVE PER CITY STANDARD DETAIL 4-7 ON SHEET 27.
 - ADJUST VALVE BOX PER DETAIL 4 ON SHEET 26.
 - UTILITY CROSSING: INSTALL WATER AND FORCE MAINS UNDER STORM SYSTEM. INSTALL VERTICAL BENDS AS NECESSARY.
 - JUNCTION BOX PER DETAIL 6 ON SHEET 26.

ALL FITTINGS IN FILL AREA SHALL BE RESTRAINED.



RIGHT-OF-WAY DISCLAIMER
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0 1" 2"
TWO INCHES AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY

06/12/20

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"It's the Law"
Utilities Underground Location Center

PROFESSIONAL ENGINEER
JON MARSHALL HINTON
36484

Lewis County
Department of Public Works
2025 N. E. KRESKY AVE.
CHEHALIS WA 98532
PHONE # (360) 740-1123
FAX # (360) 740-2719

DESIGNED BY : S. GAER
DRAWN BY : C. GASKIN
CHECKED BY : J. HINTON
DATE : JUNE 2020

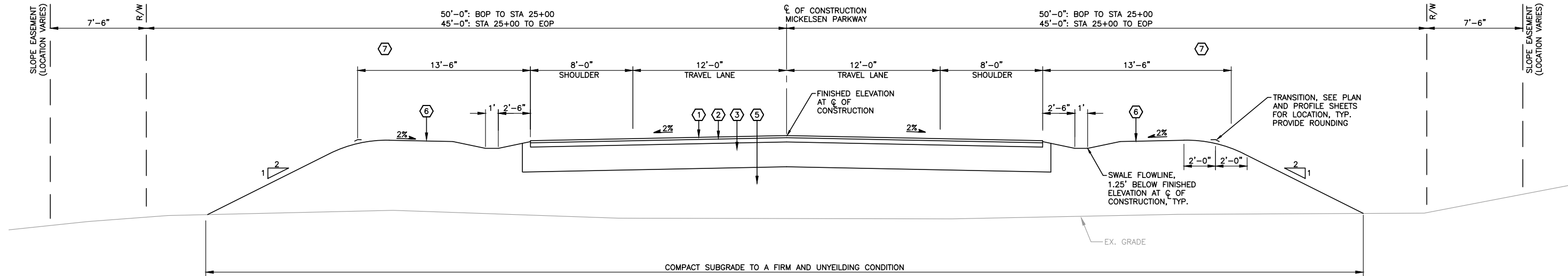
NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121

**WATER AND FORCE MAIN
PLAN AND PROFILE
STATION 42+00 TO 45+79**

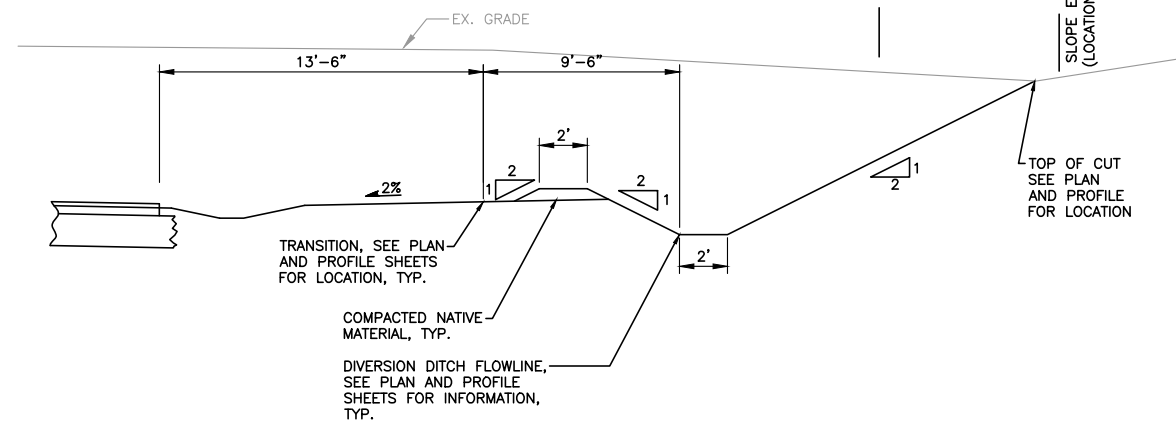
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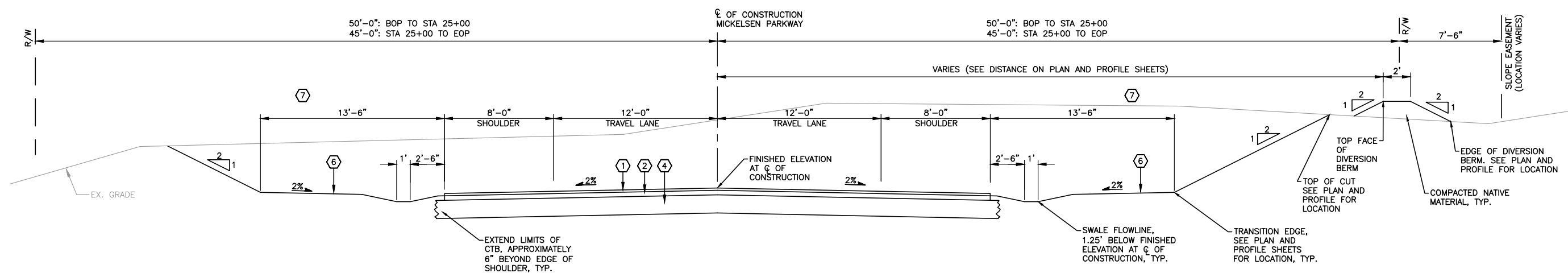
TYPICAL CROSS SECTION-FILL AREAS
NOT TO SCALE

LEGEND:

- ① 2" COMPACTED DEPTH, HMA
- ② 4" COMPACTED DEPTH, ASPHALT TREATED BASE
- ③ 24" COMPACTED DEPTH, CRUSHED SURFACING TOP COURSE
- ④ 16" COMPACTED DEPTH, CEMENT TREATED BASE
- ⑤ COMPACTED GRAVEL BORROW, DEPTH VARIES. GRAVEL BORROW IMPORTED FOR EMBANKMENTS AND EXCAVATED FOR UTILITY CONSTRUCTION SHALL BE STOCKPILED ON-SITE AND REUSED AS TRENCH BACKFILL. COST TO REUSE GRAVEL BORROW SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS UTILITIES.
- ⑥ ALL DISTURBED AREAS SHALL RECEIVE 4" TOPSOIL, TYPE C. TILL TO A DEPTH OF 6" AND APPLY SEEDING, FERTILIZING AND MULCHING.
- ⑦ SEE SHEETS 43A AND 43B FOR DRIVEWAY DETAILS AND REQUIREMENTS.

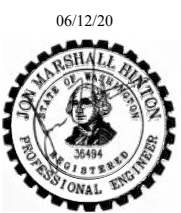
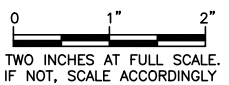


DIVERSION DITCH
STATION 19+50 TO STATION 24+50
NOT TO SCALE



TYPICAL CROSS SECTION-CUT AREAS
NOT TO SCALE

RIGHT-OF-WAY DISCLAIMER
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CHEHALIS WA 98532
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DESIGNED BY : S. GAER
DRAWN BY : C. GASKIN
CHECKED BY : J. HINTON
DATE : JUNE 2020

NO.	DATE	REVISION	BY	APP.

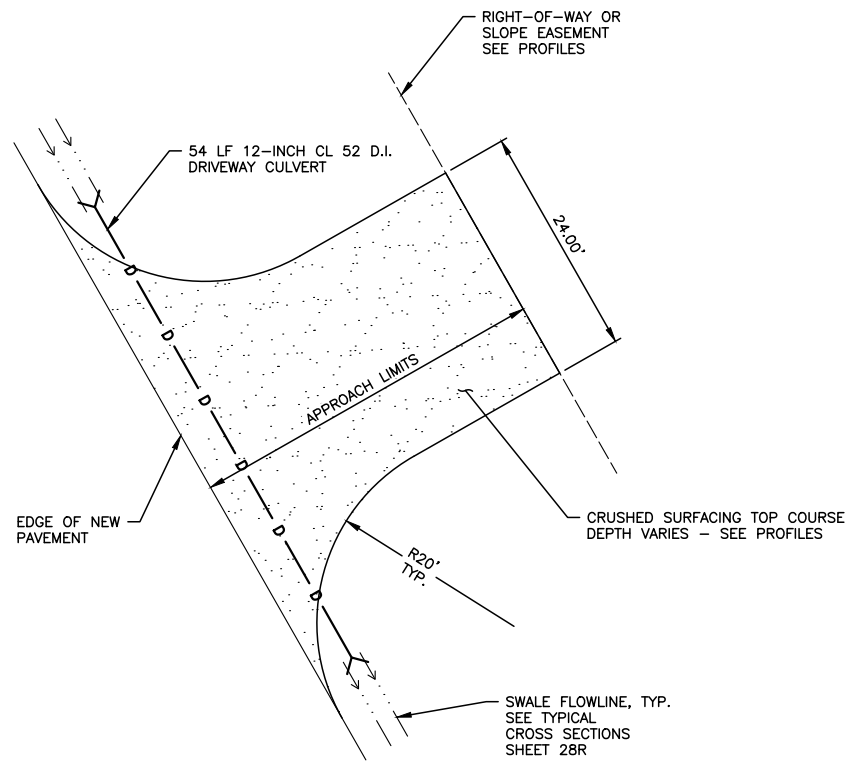
MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
TYPICAL ROADWAY SECTIONS

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OF
52



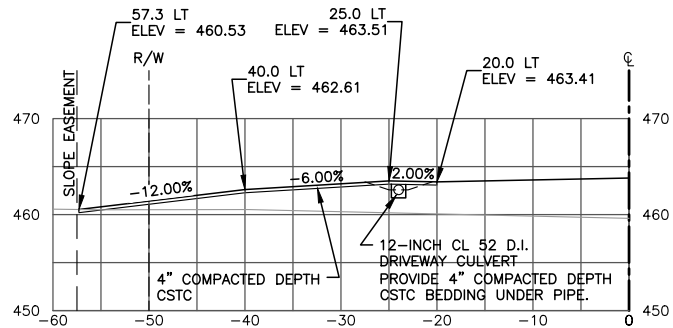
L:\Lewis County\19310 Mickelsen Parkway\01 Design\PLANSET\Civil\X-SEC & DET.dwg, 6/12/2020 1:39 PM, YVONNE PAWTOWSKI



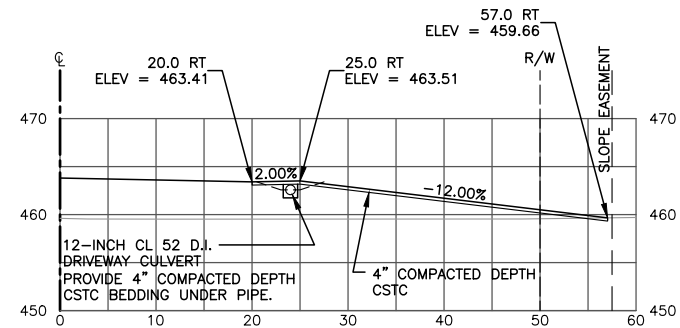
TYPICAL DRIVEWAY APPROACH
NOT TO SCALE

DRIVEWAY SCHEDULE

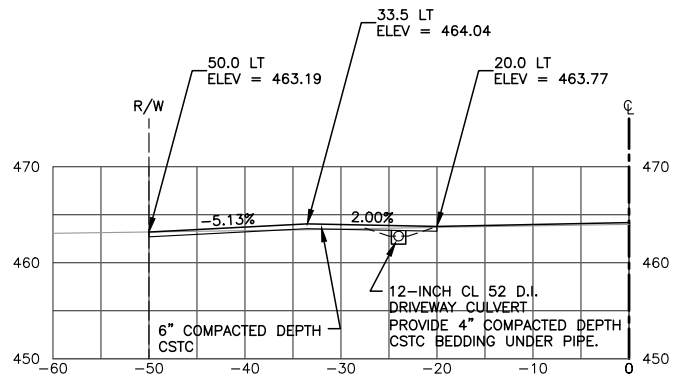
STATION	SIDE	AREA (SY)
13+50	LT	119
13+50	RT	119
19+50	LT	100
20+50	RT	120
23+00	RT	119
24+50	RT	119
27+50	RT	86
31+50	RT	106
35+00	RT	106
40+00	RT	105
40+50	LT	85
41+50	RT	106
43+00	RT	106
44+00	LT	86



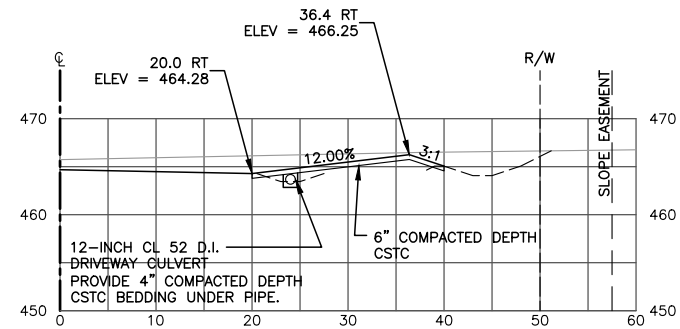
DRIVEWAY PROFILE
STA 13+50, LT
SCALE: 1"=10'



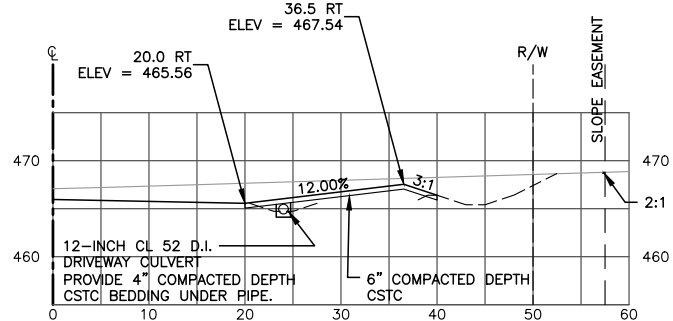
DRIVEWAY PROFILE
STA 13+50, RT
SCALE: 1"=10'



DRIVEWAY PROFILE
STA 19+50, LT
SCALE: 1"=10'

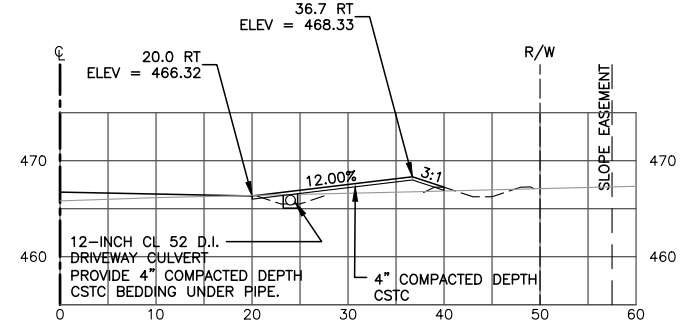


DRIVEWAY PROFILE
STA 20+50, RT
SCALE: 1"=10'



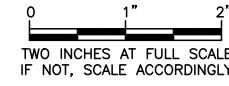
DRIVEWAY PROFILE
STA 23+00, RT
SCALE: 1"=10'

NOTE: THIS PROFILE SUPERSEDES THE RT SIDE OF SECTION 23+00 ON SHEET 50.



DRIVEWAY PROFILE
STA 24+50, RT
SCALE: 1"=10'

RIGHT-OF-WAY DISCLAIMER
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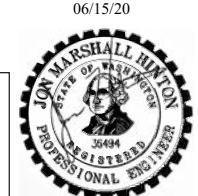
DESIGNED BY : S. GAER
DRAWN BY : C. GASKIN
CHECKED BY : J. HINTON
DATE : JUNE 2020

NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
STORM DETAILS

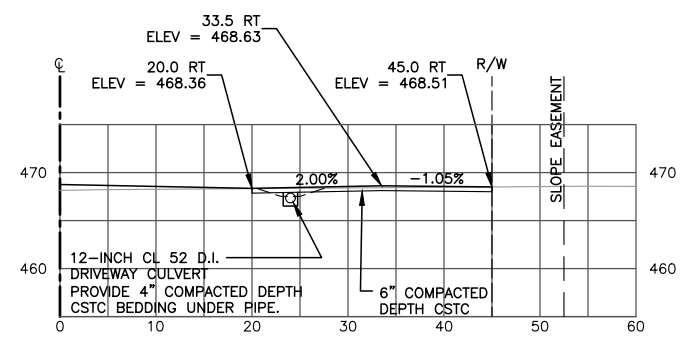
SHEET
43A
OF
52



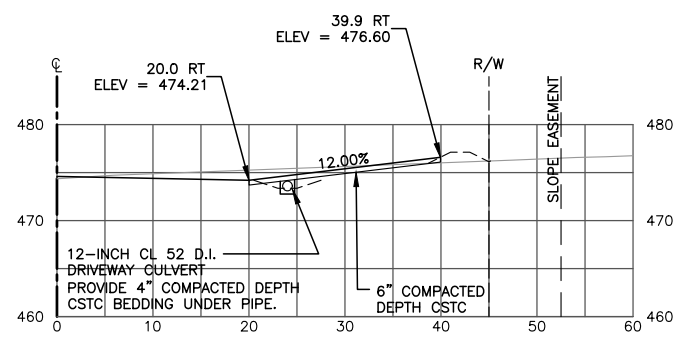
06/15/20

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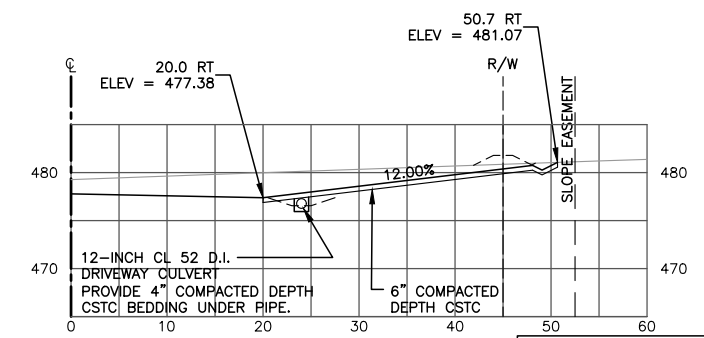
L:\Lewis County\19310 Mickelsen Parkway\01_Design\PLANSET\Civil\Driveways.dwg, 6/15/2020 10:40 AM, YVONNE PAWTOWSKI



DRIVEWAY PROFILE
STA 27+50, RT
SCALE: 1"=10'

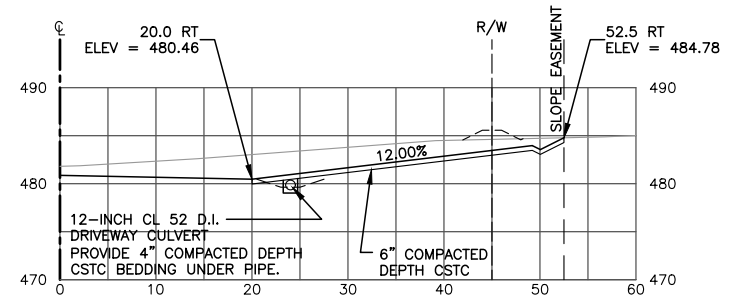


DRIVEWAY PROFILE
STA 31+50, RT
SCALE: 1"=10'



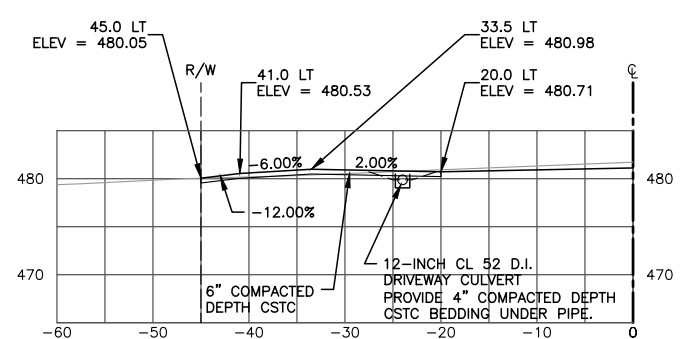
DRIVEWAY PROFILE
STA 35+00, RT
SCALE: 1"=10'

NOTE: THIS PROFILE SUPERSEDES THE RT SIDE OF SECTION 35+00 ON SHEET 51.

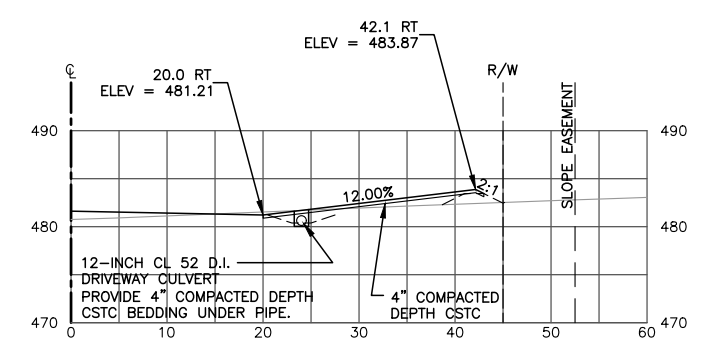


DRIVEWAY PROFILE
STA 40+00, RT
SCALE: 1"=10'

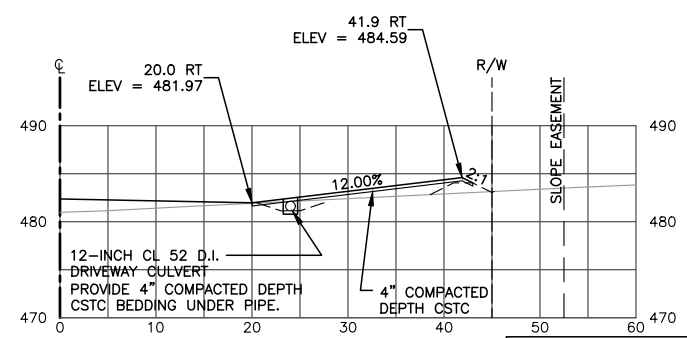
NOTE: THIS PROFILE SUPERSEDES THE RT SIDE OF SECTION 40+00 ON SHEET 52.



DRIVEWAY PROFILE
STA 40+50, LT
SCALE: 1"=10'

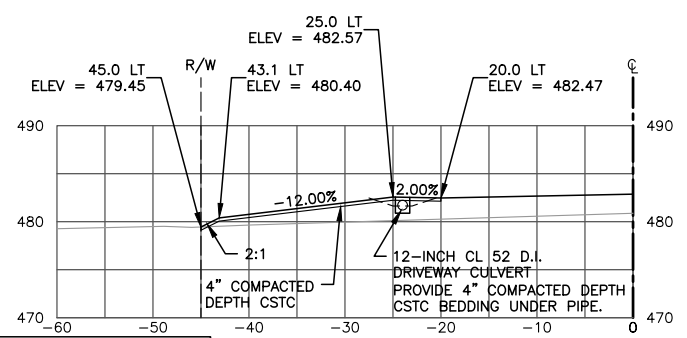


DRIVEWAY PROFILE
STA 41+50, RT
SCALE: 1"=10'



DRIVEWAY PROFILE
STA 43+00, RT
SCALE: 1"=10'

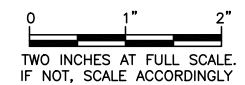
NOTE: THIS PROFILE SUPERSEDES THE RT SIDE OF SECTION 43+00 ON SHEET 52.



DRIVEWAY PROFILE
STA 44+00, LT
SCALE: 1"=10'

NOTE: THIS PROFILE SUPERSEDES THE LT SIDE OF SECTION 44+00 ON SHEET 52.

RIGHT-OF-WAY DISCLAIMER
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DESIGNED BY : S. GAER
DRAWN BY : C. GASKIN
CHECKED BY : J. HINTON
DATE : JUNE 2020

NO.	DATE	REVISION	BY	APP.

MICKELSEN PARKWAY

COUNTY ROAD PROJECT NO: 2121
STORM DETAILS

SHEET
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OF
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