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July 10, 2024
City of Lowell
Mike Burns, City Manager
Lowell, MI 49331

**City of Lowell, Michigan
2024 STREET IMPROVEMENTS PROJECT**

ADDENDUM No. 1

Notice to All Prospective Bidders

This Addendum is issued in accordance with SECTION 00 20 00 - INSTRUCTIONS TO BIDDERS, and is hereby incorporated into the Contract Documents. The CONTRACTOR is reminded to acknowledge receipt of this Addendum in SECTION 00 42 00 - PROPOSAL. This addendum consists of (2) typed pages and modifies the contract dated June 2024. All reissued specifications/drawings are attached at the end of this document.

Specifications:

1. 01 20 00 – Measurement and Payment: (Re-issued)
 - 1.06.D.1: Replace “Mobilization” with “Mobilization, Max 10%”
 - 1.06.D.4: Revise to “Pavt, Rem - Includes the removal of HMA surface and aggregate base as shown on plans. Pavt, Rem will be marked for removal by Engineer and paid for by the square yard. Saw cutting of existing pavement edge is included and will not be paid for separately. “
 - 1.06.D.5: Replace “Agg Base, 6 inch” with “6 inch Aggregate Base”
 - 1.06.D.9: Replace “Gate Box, Adj.” with “Adjust Gate Box”
 - 1.06.D.10: Replace “HMA, 3EL” with “HMA, 5EL”
 - 1.06.D.11: Replace “HMA, 5EL” with “HMA, 4EL”

2. 00 42 00.1 – Bid Form: (Re-issued)
 - Replace “HMA, Surface Rem” with “Pavt, Rem”
 - Replace “HMA, 3EL” with “HMA, 4EL”

Plans

1. **Sheets 3,4, and 5 – (Reissued)** Typical sections updated to correctly show that HMA and aggregate base is to be removed to a depth of 9.5”. There are no changes to plan quantities or materials.

Respectfully submitted,

Williams & Works

Katie Mendez
Project Engineer

2024 Street Improvements
Addendum No. 1
07.10.2024
Page 2 of 2

Enclosures: Section 01 20 00 - Measurement and Payment
Section 00 42 00 – Bid Form
Sheet 3 – Typical Sections
Sheet 4 – Typical Sections
Sheet 5 – Typical Sections

cc: Planholders of Record

ARTICLE 1-SCHEDULE OF PRICES

For the entire Work outlined in these Contract Documents complete as specified, using equipment and materials only of the type and manufacturers where specifically named, the following unit and lump sum prices:

Item No.	Description	Unit	Quantity	Unit Price	Price
1	Mobilization, Max 10%	LSUM	1	\$	\$
2	Maintaining Traffic	LSUM	1	\$	\$
3	Erosion Control, Inlet Protection, Fabric Drop	Ea	27	\$	\$
4	Pavt, Rem	Syd	17,300	\$	\$
5	6 inch Aggregate Base	Syd	17,300	\$	\$
6	Curb and Gutter, Rem	Ft	1,700	\$	\$
7	Curb and Gutter, Conc	Ft	1,700	\$	\$
8	Machine Grading	STA	55.5	\$	\$
9	Adjust Gate Box	Ea	11	\$	\$
10	HMA, 5EL	Ton	1,427	\$	\$
11	HMA , 4EL	Ton	1,903	\$	\$
12	Slope Restoration	LSUM	1	\$	\$
13	Dr Structure Cover, Adj, Case 1	Ea	20	\$	\$
14	Sidewalk, Conc, 4 inch	Sft	3000	\$	\$
15	Driveway, Nonreinf Conc, 6 inch	Syd	78	\$	\$
16	Dr Structure, Catch Basin, 24 inch Dia	Ea	2	\$	\$
17	Storm Sewer,C76 CL III, 8 inch	Ft	109	\$	\$

Total Base Bid: _____

A1	BID Alternate – Deliver HMA Millings to City Yard
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Add/Deduct: _____

SECTION 00 42 00

ARTICLE 2 - MATERIAL AND EQUIPMENT SELECTION

The Contract Documents stipulate that the Base Bid price shall include materials and equipment selected from the designated items and manufacturers listed herein. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

The Base Bid is submitted on the basis of supplying the following products, selected from the items and manufacturers listed herein:

Item	Manufacturer
_____	_____
_____	_____
_____	_____
_____	_____

Failure to complete Article 2 of the Bid Form shall be considered an irregularity by the Owner. In such cases where Article 2 is not completed, the Owner shall assume the Bidder has named one of the named suppliers as given in the appropriate technical section.

ARTICLE 3-MATERIAL AND EQUIPMENT ALTERNATES

The Contract Documents stipulate that the Base Bid price shall include materials and equipment selected from the designated items and manufacturers listed therein. This is done to establish uniformity in bidding and to establish standards of quality for the items named.

If the BIDDER wishes to quote alternate items for consideration by the OWNER, he may do so under this Article. A complete description of the item and the proposed price differential are to be provided. Unless approved at the time of award, substitutions, where items are specifically named, will be considered only in accordance with the terms set forth in the General Conditions.

Item No.	Description	Add/Deduct Amount (Dollars)
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SECTION 00 42 00

ARTICLE 4-TIME ALTERNATE

If the BIDDER takes exception to the time(s) stipulated in Article 3 - Contract Time of the Agreement, he is requested to stipulate below his proposed time for performance of the Work. Consideration will be given to time in evaluating bids.

ARTICLE 5-SUBCONTRACTOR LISTING

Bid is submitted on the basis of the use of the following Subcontractors:

Work Item	Firm	City
Concrete	_____	_____
HMA Paving	_____	_____
Restoration	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please note if work is to be performed by BIDDER. OWNER shall have the right to reject any Subcontractor for reasonable cause. If Subcontractors are not identified in the Bid, the BIDDER/CONTRACTOR shall engage a Subcontractor acceptable to OWNER and waives the right to withdraw Bid and Bid Security, and further, waives right to a change in Contract Time or Price due to failure to list.

PART 1 - GENERAL

1.01 SECTION INCLUDES:

- A. Measurement and payment criteria applicable to the Work.

1.02 AUTHORITY:

- A. Measurement methods delineated in the individual specification sections are intended to complement the criteria of this section.
- B. The ENGINEER will take all measurements and compute quantities accordingly.
- C. Assist by providing necessary equipment, workers, and survey personnel as required.

1.03 UNIT QUANTITIES SPECIFIED:

- A. Quantities and measurements indicated in the Bid Form are for bidding and contract purposes only. Quantities and measurements supplied or placed in the Work and verified by the ENGINEER shall determine payment.
- B. If the actual Work requires more or fewer quantities than those quantities indicated, provide the required quantities at the unit prices contracted.

1.04 MEASUREMENT OF QUANTITIES:

- A. Measurement Devices:
 - 1. Weigh Scales: Inspected, tested and certified.
 - 2. Platform Scales: Of sufficient size and capacity to accommodate the conveying vehicle.
 - 3. Metering Devices: Inspected, tested and certified.
- B. Measurement by Weight: Concrete reinforcing steel, rolled or formed steel or other metal shapes will be measured by handbook weights. Welded assemblies will be measured by handbook weights.
- C. Measurement by Volume: Measured by cubic dimension using mean length, width and height or thickness.
- D. Measurement by Area: Measured by square dimension using mean length and width or radius.
- E. Linear Measurement: Measured by linear dimension, at the item centerline.

1.05 PAYMENT:

- A. Payment Includes: Full compensation for all required labor, products, tools, equipment, plant, transportation, services and incidentals; erection, application or installation of an item of the Work; overhead and profit.
- B. Final payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities accepted by the ENGINEER multiplied by the unit price for Work which is incorporated in or made necessary by the Work.

1.06 MEASUREMENT AND PAYMENT SCHEDULE:

- A. The following schedule outlines the method of measurement and basis of payment to be used on this project. Requirements for materials and methods described under each unit price are included in the specification sections.
- B. Quantities of work completed under the contract will be measured by the Engineer according to United States standard measures unless otherwise noted. Quantities of materials furnished and of work performed under the contract will be determined by methods of measurement and computations that are generally recognized as conforming to good engineering practice. Unless

specified in the contract, manufacturing tolerances established by the industries involved will be accepted. When required by the Engineer, the Contractor shall file copies of paid freight bills, trucking slips, bills of lading, and paid invoices for any material used in the work.

- C. When the contract specifies payment of an item or part of an item on a plan quantity basis, the payments will be those quantities shown on the plans. Any changes to the quantities will result from an authorized variation in the plan. For earthwork, the basis for changes in quantities will include any of the following:
1. Changes in original ground topography after the original survey was made;
 2. Any demonstrated errors discovered in plan quantities;
 3. Any changes required by the Engineer during construction, such as: grade changes, changing of cut or fill slopes, and for excavation of peat, muck, marl, and underlying very soft clay.
- D.
1. **Mobilization, Max 10%** - Will be paid in accordance with MDOT procedures and consists of preparatory work and operations, including, but not limited to the following: The movement of personnel, equipment, supplies, and incidentals to the project site; The establishment of the Contractor's offices, buildings, and other facilities to work on the project; Expenses incurred, prior to beginning work on the various contract items on the project site; Pre-construction costs, exclusive of bidding costs, which are necessary direct costs to the project rather than directly attributable to other pay items under the contract; The maximum amount that will be paid is stated on the bid form.
 2. **Maintaining Traffic** - Will be measured and paid as a lump sum and includes all necessary signing, flagging, traffic regulators, drums, and barricades to safely maintain traffic and protect the work site during the duration of the project per the requirements provided in the plans and specifications. Includes all signs shown on the Maintaining Traffic plan sheet.
 3. **Erosion Control, Inlet Protection, Fabric Drop** – Paid for by each fabric drop used. All existing catch basins inlets within the construction influence area shall receive inlet protection.
 4. **Pavt, Rem**- Includes the removal of HMA surface and aggregate base as shown on the plans. **Pavt, Rem** will be marked for removal by Engineer and paid for by the square yard. Saw cutting of existing pavement edge is included and will not be paid for separately.
 5. **6 inch Aggregate Base** - Measured by the square yard, compacted in place where necessary for construction of the proposed pavement section
 6. **Curb and Gutter, Rem** - Will be measured by the lineal ft. along the base of the curb face or along the flowline of the gutter where marked by the Engineer, regardless of vertical size. Includes saw cutting.
 7. **Curb and Gutter, Conc** - Will be measured in place along the face of the curbing and paid for by the lineal foot for the detail/type constructed, regardless of height. No deductions will be made in length for catch basins or inlet castings.
 8. **Machine Grading** - The item consists of grading to form the road cross section as shown on the plans. This work includes scarifying, plowing, disking, moving, compacting, and shaping. Grade all intersections, approaches, entrances, and driveways as shown on the plans or as directed by the Engineer. The Engineer must approve using the excavated roadbed materials for use to shape aggregate base materials. Measured along centerline and paid for by the 100 ft. Station. Intersections are included and not to be paid for more than once.
 9. **Adjust Gate Box** - (main line valve boxes) - Measured and paid for each gate box adjusted. Includes furnishing and installing extension(s) as needed and adjusting the existing casting. Pavement removal and replacement for temporary lowering of the gate box, excavation and all other work necessary to restore the area are included in adjustment items of work. The contractor, at his own expense, may elect to replace the uppermost section of the valve box and cover.

10. **HMA, 4EL** - Will be measured and paid by weight in tons for HMA placed, compacted and accepted. No additional payment will be made for intersections, hand patching, or bit valley gutter include these costs in the item.
11. **HMA, 5EL** - Will be measured and paid by weight in tons for HMA placed, compacted and accepted. No additional payment will be made for intersections, hand patching, or bit valley gutter include these costs in the item.
12. **Slope Restoration** paid for as a lump sum. Includes replacing topsoil, placing seed, and straw mulch blanket staked in place, fertilizer and watering as necessary per specifications for all areas disturbed by the contractors operations.
13. **Dr Structure Cover, Adj, Case 1** - Paid for each structure adjusted to match proposed grade.
14. **Sidewalk, Conc, 4 inch** - Measured in place by the area placed and paid for by the square foot including: shaping and compacting base; placing form work; placing and finishing concrete; placing expansion joints; providing and placing curing compound.
15. **Driveway, Nonreinf Conc, 6 inch** - Measured and paid for by the square foot for the depth specified for concrete drives poured in place according to the specifications, plan details and notes. Includes all form work, materials, labor, and equipment to perform the work.
16. **Dr Structure, Catch Basin, 24 inch Dia** - Counted and paid for by the unit as shown in the Bid Form and includes furnishing and installing the structure, grade rings, casting, covers and all other accessories as specified and detailed. Furnishing, adjusting and finishing of castings on new storm manholes, is considered included in the cost of the storm manhole, and shall not be paid for separately.
17. **Storm Sewer, C76 CI III, 8 inch** - Measured horizontally on the surface along the pipe centerline from center to center of manholes and paid for the linear foot by the pipe size including: excavation, bedding, backfill, compaction, and all related work.
- A1 **Bid Alternate** – Deliver HMA Millings to City Yard – Paid or credited as a Lump Sum, delivered to the City location designated in the specifications. Base bid amounts should assume the BIDDER will retain ownership of the surplus HMA Millings. The Bid Alternate asks for price (add/deduct) to give surplus HMA millings to the OWNER.

PART 2 - PRODUCTS

Not used.

PART 3 - EXECUTION

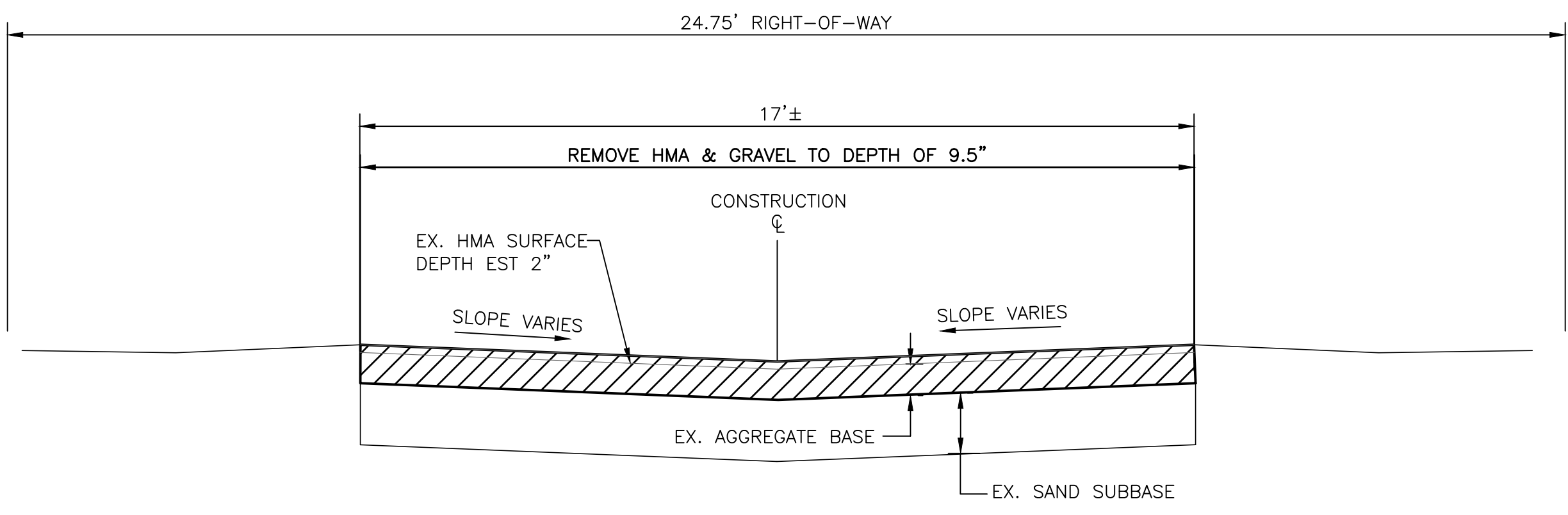
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END OF SECTION

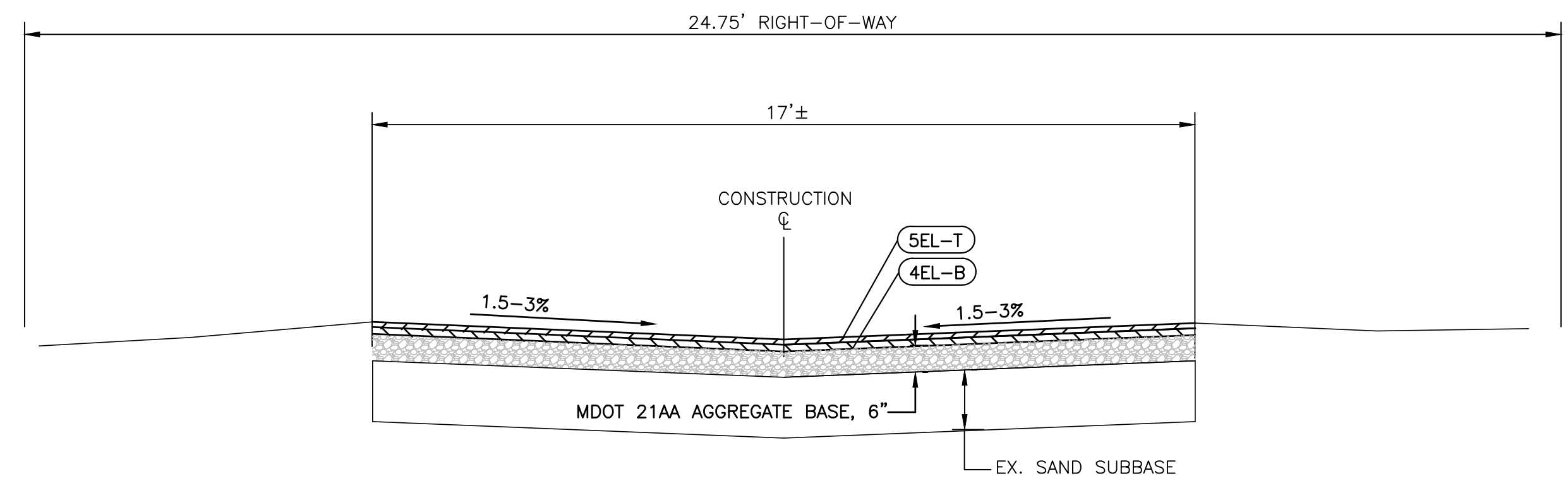
NO.	ISSUED FOR	BY	DATE
1.	OWNER REVIEW	BM	05/01/24
2.	CONTRACTOR BID	BM	06/19/24

CITY OF LOWELL
KENT COUNTY, MICHIGAN
2024 LOWELL STREET IMPROVEMENTS
TYPICAL SECTIONS

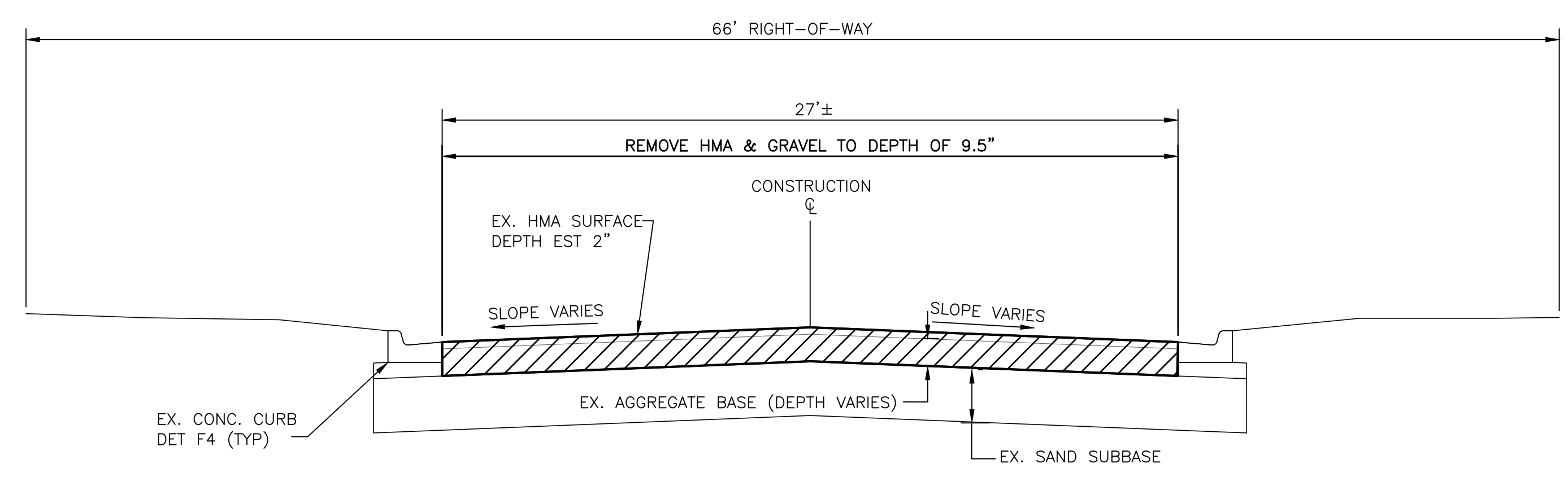
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K MENDEZ		
CHECKED BY	DATE	6/18/2024
B MIERAS		
PROJECT	222006	
FILE	02-Typ_Sec	



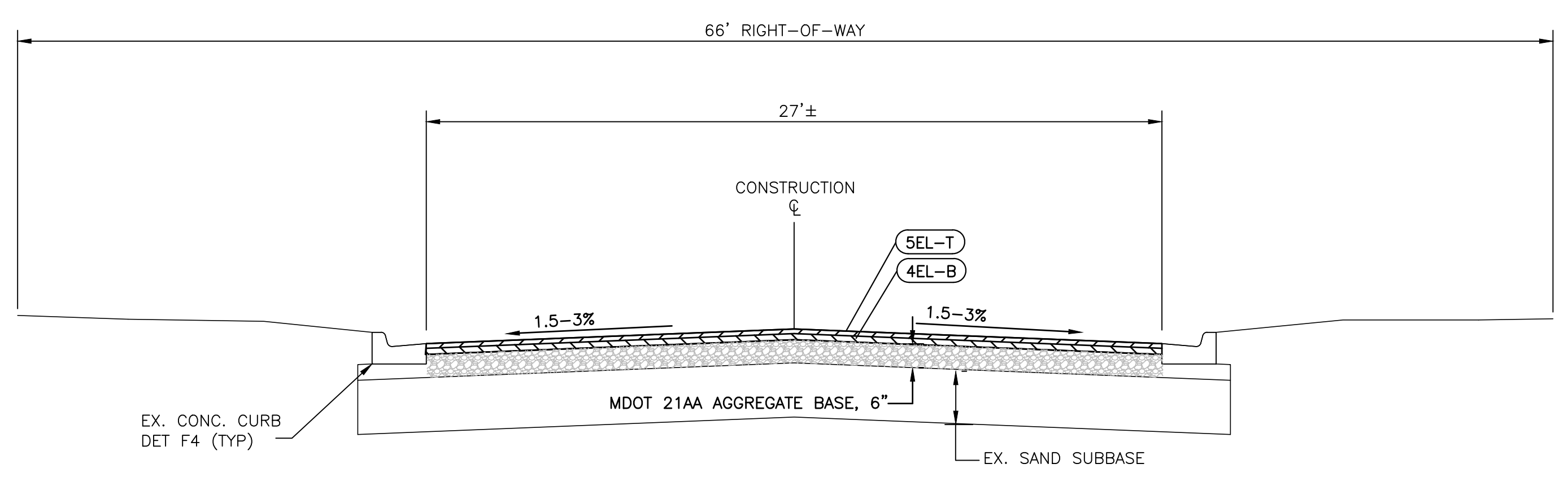
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NOT TO SCALE
PINE ST: STA 40+35 TO STA 43+07



PROPOSED TYPICAL CROSS SECTION
NOT TO SCALE
PINE ST: STA 40+35 TO STA 43+07



EXISTING TYPICAL CROSS SECTION
NOT TO SCALE
OTTAWA ST: STA 15+00 TO STA 21+89



PROPOSED TYPICAL CROSS SECTION
NOT TO SCALE
OTTAWA ST: STA 15+00 TO STA 21+89

NOTE:
PROVIDE NEW SAND SUBBASE AS NEEDED IN AREAS OF UTILITY INSTALLATION.

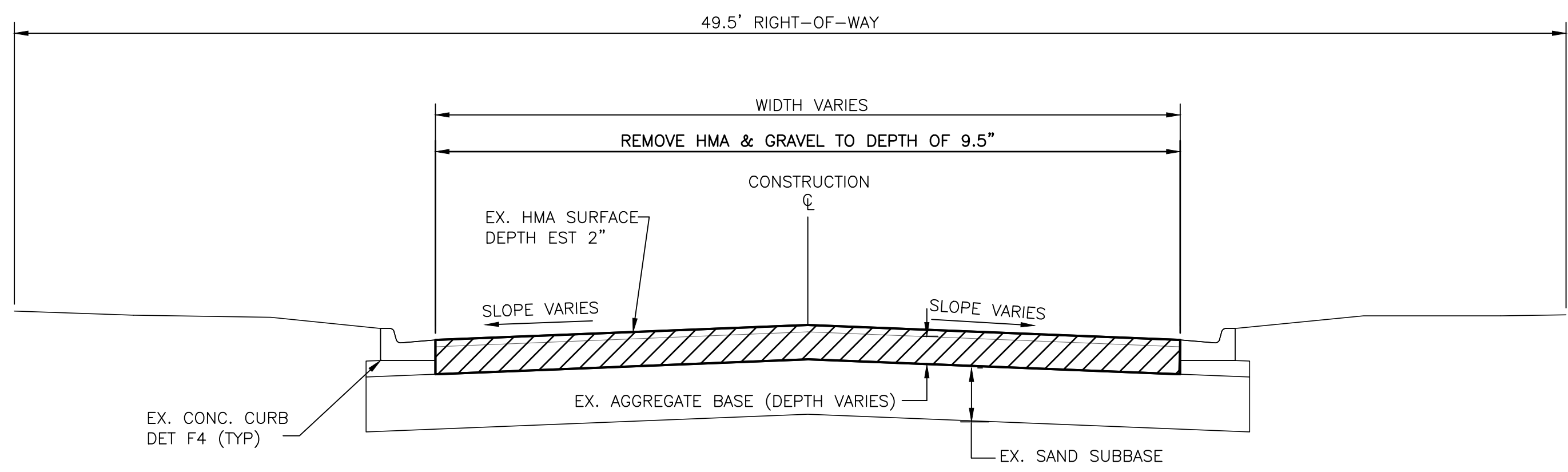
HMA APPLICATION TABLE

ID No.	ITEM	RATE PER SYD	ASPHALT PENETRATION	REMARKS
5EL-T	HMA, LVSP	165 #	PG 58-28	TOP COURSE (AWI = 220)
4EL-B	HMA, LVSP	220 #	PG 58-28	LEVELING COURSE
	BOND COAT	0.15 GAL/SYD		FOR INFORMATION ONLY

NO.	ISSUED FOR	DATE
1.	OWNER REVIEW	05/01/24
2.	CONTRACTOR BID	06/19/24

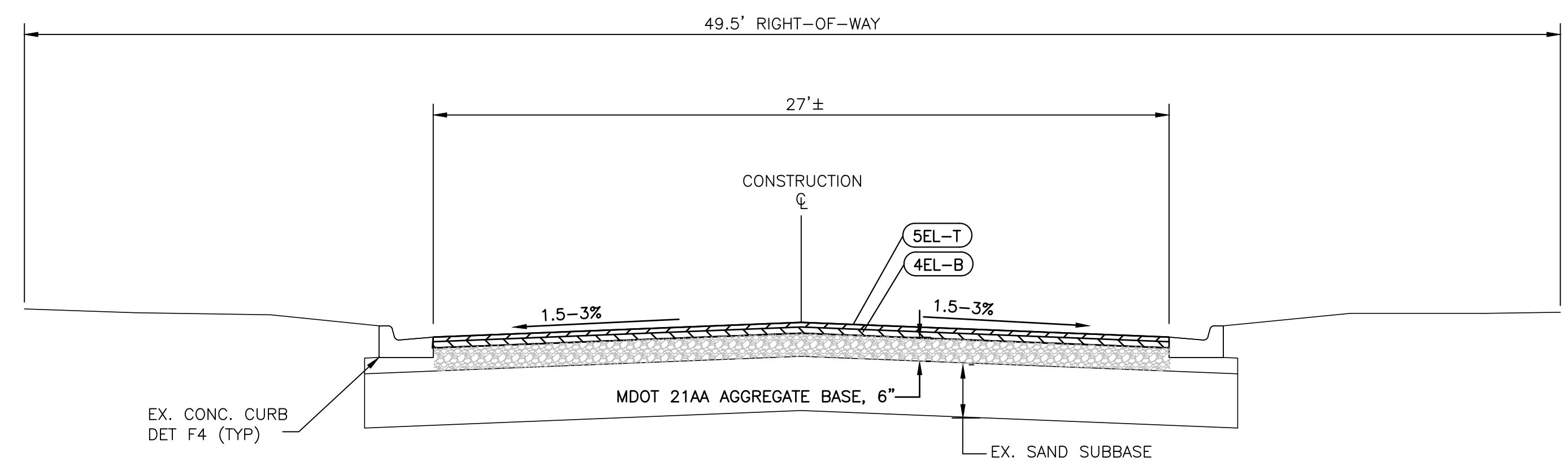
CITY OF LOWELL
KENT COUNTY, MICHIGAN
2024 LOWELL STREET IMPROVEMENTS
TYPICAL SECTIONS

DESIGNED BY	DATE	DESIGNED BY	DATE
KM/DH	1/2020	KM/DH	1/2020
DRAWN BY	DATE	DRAWN BY	DATE
K MENDEZ	4/2022	K MENDEZ	4/2022
CHECKED BY	DATE	CHECKED BY	DATE
B MIERAS	4/12/22	B MIERAS	4/12/22
PROJECT	222006	PROJECT	222006
FILE	02-Typ_Sec	FILE	02-Typ_Sec
4			
SHEET NO.			



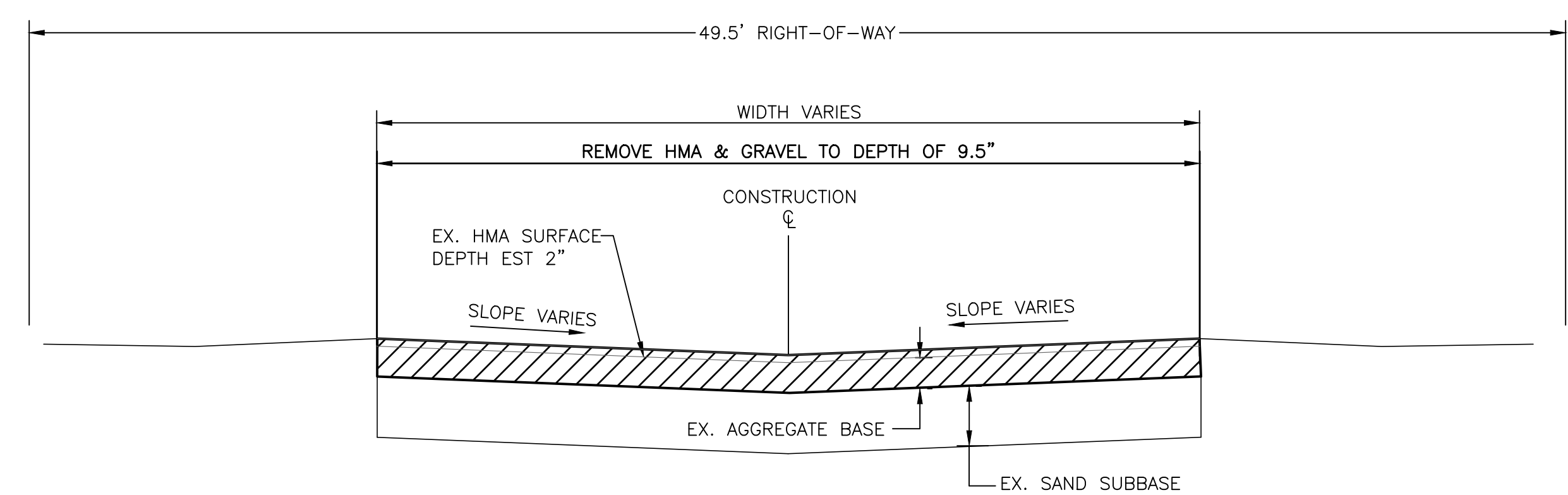
EXISTING TYPICAL CROSS SECTION

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GRANT ST: STA 30+36 TO STA 33+53
 STA 34+31 TO STA 38+00
MARSAC ST: STA 45+36 TO STA 48+00
NORTH ST: STA 60+15 TO STA 62+70
 STA 63+49 TO STA 66+44
 STA 67+17 TO STA 70+24
LAFAYETTE ST: STA 10+41 TO STA 27+48



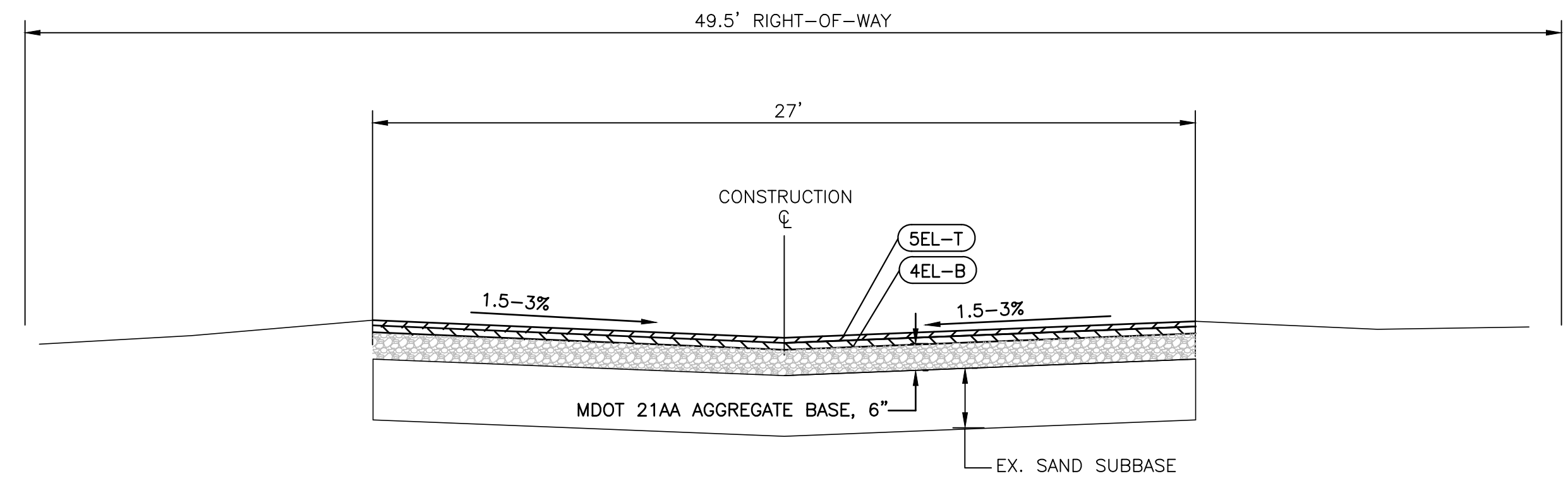
PROPOSED TYPICAL CROSS SECTION

NOT TO SCALE
GRANT ST: STA 30+36 TO STA 33+53
 STA 34+31 TO STA 38+00
MARSAC ST: STA 45+36 TO STA 48+00
NORTH ST: STA 60+15 TO STA 62+70
 STA 63+49 TO STA 66+44
 STA 67+17 TO STA 70+24
LAFAYETTE ST: STA 10+41 TO STA 27+48



EXISTING TYPICAL CROSS SECTION

NOT TO SCALE
SHERMAN ST: STA 50+23 TO STA 54+70



PROPOSED TYPICAL CROSS SECTION

NOT TO SCALE
SHERMAN ST: STA 50+23 TO STA 54+70

NOTE:
 PROVIDE NEW SAND SUBBASE AS NEEDED IN AREAS
 OF UTILITY INSTALLATION.

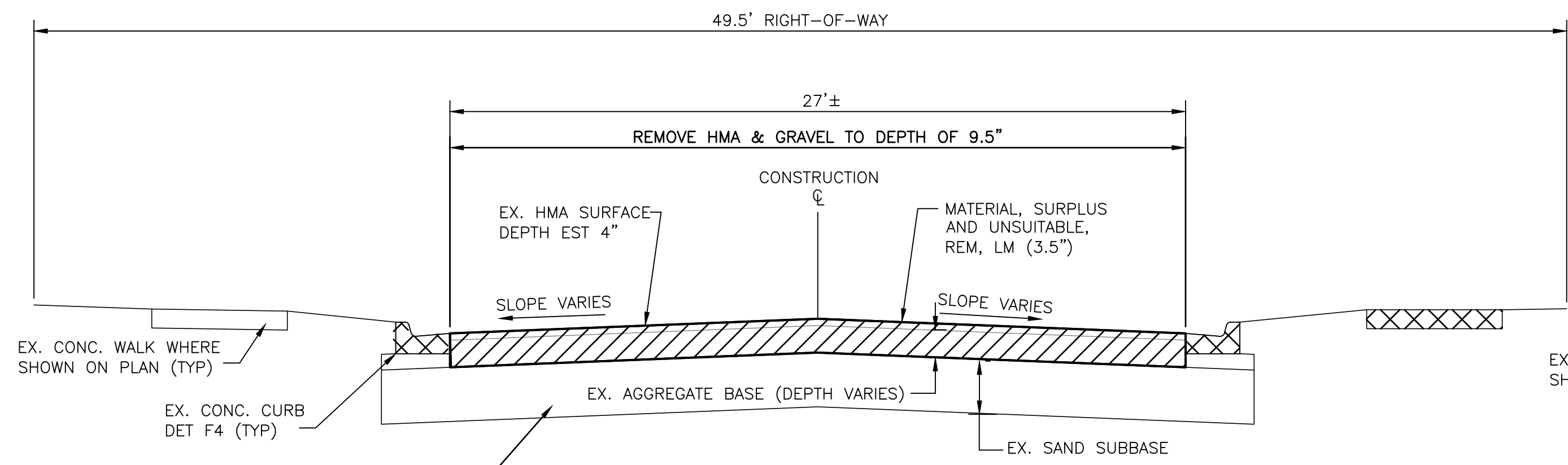
HMA APPLICATION TABLE

ID No.	ITEM	RATE PER SYD	ASPHALT PENETRATION	REMARKS
5EL-T	HMA, LVSP	165 #	PG 58-28	TOP COURSE (AWI = 220)
4EL-B	HMA, LVSP	220 #	PG 58-28	LEVELING COURSE
	BOND COAT	0.15 GAL/SYD		FOR INFORMATION ONLY

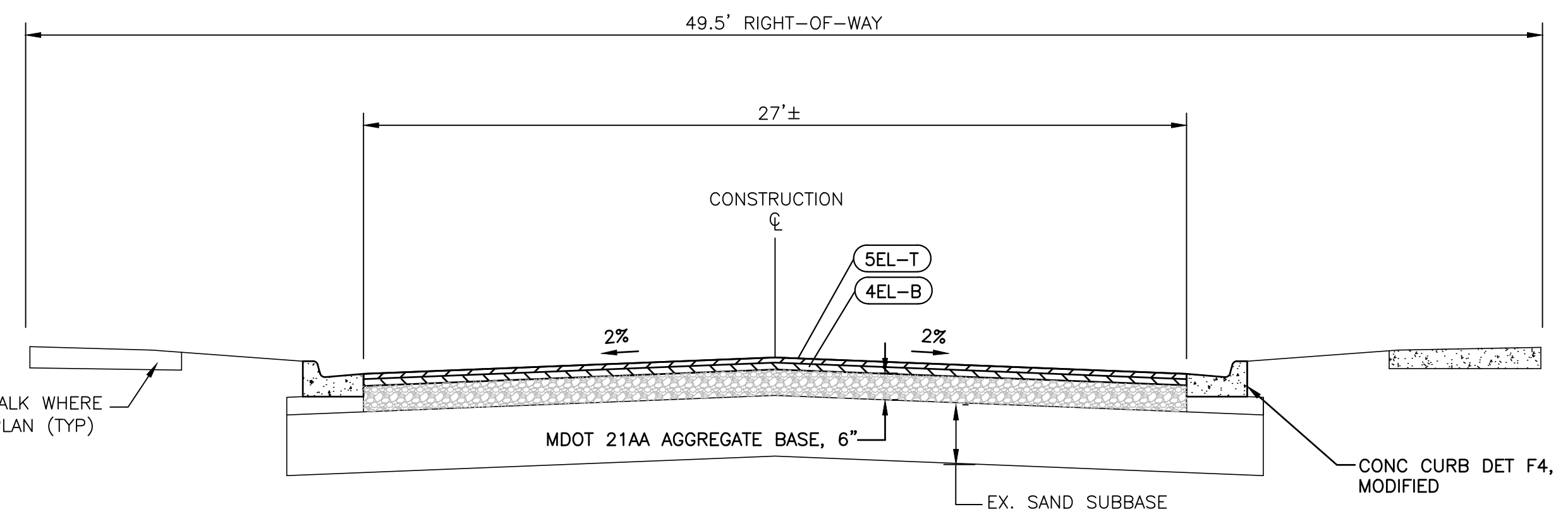
NO.	DATE	ISSUED FOR
1.	05/01/24	OWNER REVIEW
2.	06/19/24	CONTRACTOR BID

CITY OF LOWELL
KENT COUNTY, MICHIGAN
2024 LOWELL STREET IMPROVEMENTS
TYPICAL SECTIONS

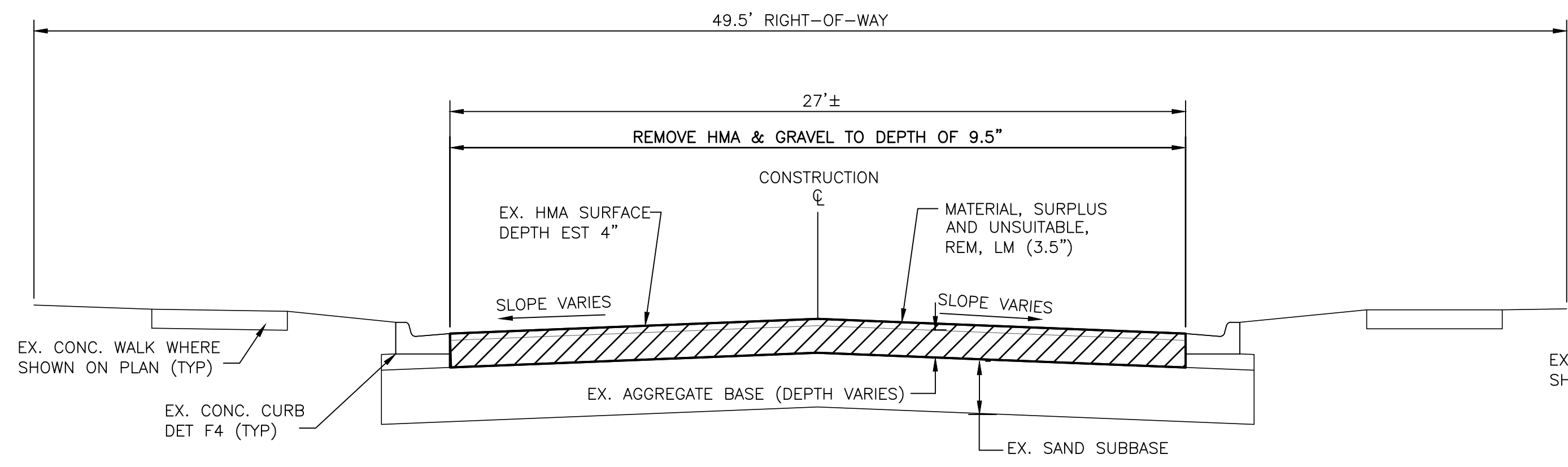
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K MENDEZ	3/2022	B MIERAS	4/12/22
DRAWN BY	DATE	PROJECT	
K MENDEZ	3/2022	222006	
FILE	02-Typ_Sec		



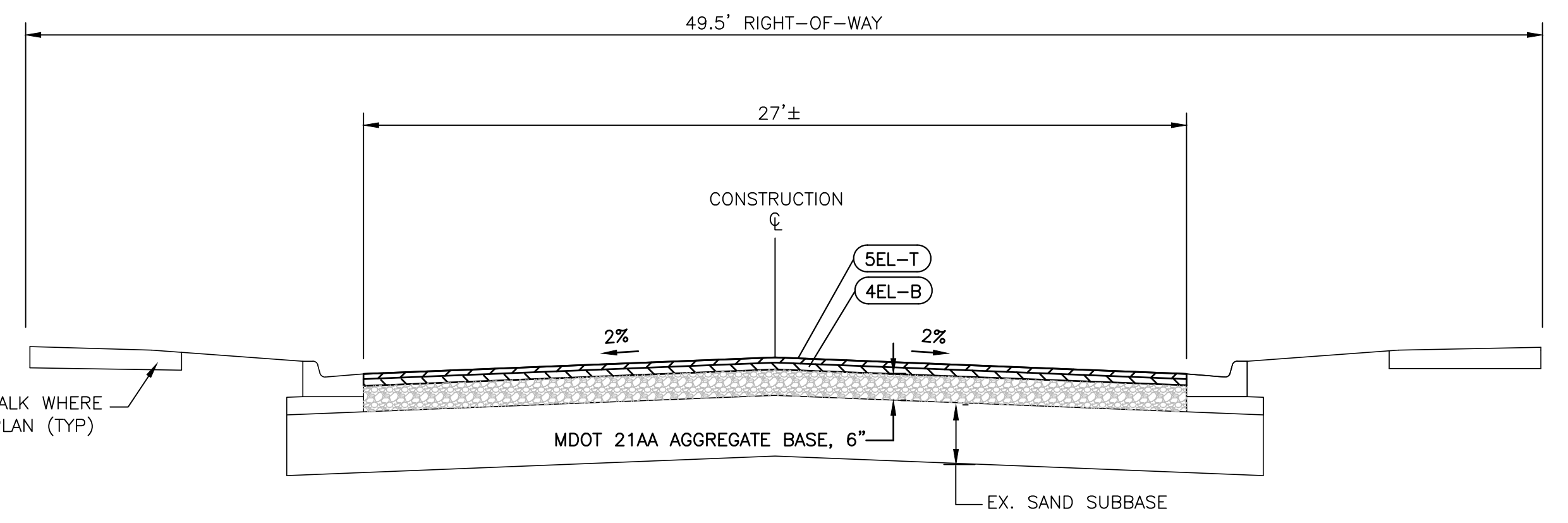
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PROPOSED TYPICAL CROSS SECTION
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 HIGH ST: STA 70+30 TO 73+35



EXISTING TYPICAL CROSS SECTION
 NOT TO SCALE
 HIGH ST: STA 74+11 TO 77+22



PROPOSED TYPICAL CROSS SECTION
 NOT TO SCALE
 HIGH ST: 74+11 TO 77+22

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