

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO.	<u>1</u>	DATED	<u>7/17/2018</u>	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____
ADDENDUM NO.	_____	DATED	_____	ADDENDUM NO.	_____	DATED	_____

Number

Description

- 1 Revised Table of Contents; Revised NTB Nos. 937, & 938; Added NTB Nos. 986, 987, 1029, & 1030; Revised Wage Rates; Revised Bid Items; Revised or Added Plan Sheet Nos. 2, 7-10, 12-24; Amendment EBS Download Required.

TOTAL ADDENDA: 1

(Must agree with total addenda issued prior to opening of bids)

Respectfully Submitted,

DATE _____

Contractor

BY _____

Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(To be filled in if a corporation)

Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President

Address

Secretary

Address

Treasurer

Address

The following is my (our) itemized proposal.

NH-0055-02(248)/ 102315302000

Madison County(ies)

Revised 01/26/2016

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
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PROJECT: NH-0055-02(248)/102315302 - Madison

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(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET
OF SECTION 905 AS ADDENDA)

07/17/2018 12:01 PM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 937

CODE: (SP)

DATE: 07/17/2018

SUBJECT: Contract Time

PROJECT: NH-0055-02(248) / 102315302 — Madison County

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06. The working days will be as shown by the Contractor on the Expedite Bid Sheets.

It is anticipated that the Notice of Award will be issued no later than **August 14, 2018** and the effective date of the Notice to Proceed / Beginning of Contract Time will be **October 15, 2018**.

Should the Contractor request a Notice to Proceed earlier than **October 15, 2018** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed / Beginning of Contract Time date.

Upon request, an early Notice to Proceed will be granted only for the work associated with the Milestone Construction.

Prior to beginning work, the Contractor is required to submit a Progress Schedule to the Project Engineer for review and approval.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 938

DATE: 07/16/2018

SUBJECT: Specialty Items

PROJECT: NH-0055-02(248)/102315302 - MADISON

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

CATEGORY: CURBING, SIDEWALKS, GUTTERS

Line No	Pay Item	Description
0722	609-D012	Combination Concrete Curb and Gutter Type 3A Modified

CATEGORY: EROSION CONTROL

Line No	Pay Item	Description
0210	213-C001	Superphosphate
0220	216-A001	Solid Sodding
0230	219-A001	Watering
0240	220-A001	Insect Pest Control
0250	221-A001	Concrete Paved Ditch
0260	223-A001	Mowing
0270	225-A001	Grassing
0280	225-B001	Agricultural Limestone
0290	225-C001	Mulch, Vegetative Mulch
0300	226-A001	Temporary Grassing
0310	234-A001	Temporary Silt Fence
0320	234-D001	Inlet Siltation Guard
0330	237-A002	Wattles, 20"
0340	246-B001	Rockbags
1230	907-250-A001	Polyacrylamide (PAM)

CATEGORY: GUARDRAIL, GUIDERAIL

Line No	Pay Item	Description
0680	606-B001	Guard Rail, Class A, Type 1
0690	606-C003	Guard Rail, Cable Anchor, Type 1
0700	606-D020	Guard Rail, Bridge End Section, Type H, Metal Post
0710	606-D023	Guard Rail, Bridge End Section, Type I, Metal Post
0720	606-E007	Guard Rail, Terminal End Section, Non-Flared

CATEGORY: LIGHTING, ALUMINUM TRUSSED ARM

Line No	Pay Item	Description
1110	682-A005	Underground Branch Circuit, AWG 1/0, 3 Conductor

CATEGORY: LIGHTING, ALUMINUM TRUSSED ARM

Line No	Pay Item	Description
1120	682-A018	Underground Branch Circuit, AWG 2, 3 Conductor
1130	682-A028	Underground Branch Circuit, AWG 4, 3 Conductor
1140	682-A034	Underground Branch Circuit, AWG 6, 3 Conductor
1150	682-B016	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor
1160	682-B025	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor
1170	682-B032	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor
1180	682-D003	Underground Pull Box
1190	682-F001	Secondary Power Controller

CATEGORY: MISCELLANEOUS/ SPECIALTY WORK ITEMS

Line No	Pay Item	Description
0510	423-A001	Rumble Strips, Ground In

CATEGORY: PAVEMENT STRIPING AND MARKING

Line No	Pay Item	Description
0940	626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0942	626-B002	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0950	626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0952	626-E002	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0960	626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0968	626-G002	Thermoplastic Detail Stripe, White
0970	626-G004	Thermoplastic Double Drop Detail Stripe, White
0972	626-G005	Thermoplastic Double Drop Detail Stripe, Yellow
0974	626-H004	Thermoplastic Legend, White
0976	626-H005	Thermoplastic Legend, White
0980	627-K001	Red-Clear Reflective High Performance Raised Markers
0982	627-L001	Two-Way Yellow Reflective High Performance Raised Markers
1250	907-626-U003	6" Thermoplastic Traffic Stripe, Skip White, 40-mil min.
1260	907-626-V003	6" Thermoplastic Traffic Stripe, Continuous White, 40-mil min.
1270	907-626-X003	6" Thermoplastic Traffic Stripe, Continuous Yellow, 40-mil min.
1280	907-626-Y002	Thermoplastic Detail Traffic Stripe, White, 6" Equivalent Length, 40-mil. min.

CATEGORY: SURVEY AND STAKING

Line No	Pay Item	Description
1200	699-A001	Roadway Construction Stakes

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
0990	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1000	630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1010	630-B003	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
1020	630-C003	Steel U-Section Posts, 3.0 lb/ft
1030	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1040	630-F006	Delineators, Guard Rail, White
1050	630-F007	Delineators, Guard Rail, Yellow
1060	630-G004	Type 3 Object Markers, OM-3R or OM-3L
1070	630-I015	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed
1080	630-I020	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed
1090	630-I022	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed
1100	630-K003	Welded & Seamless Steel Pipe Posts, 4"
1290	907-630-O004	Remove and Reset Sign, All Sizes

CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0760	619-A1004	Temporary Traffic Stripe, Continuous White, Paint
0770	619-A2004	Temporary Traffic Stripe, Continuous Yellow, Paint
0780	619-A3003	Temporary Traffic Stripe, Skip White, Paint
0790	619-A5002	Temporary Traffic Stripe, Detail, Paint
0792	619-A6003	Temporary Traffic Stripe, Legend, Paint
0794	619-A6004	Temporary Traffic Stripe, Legend, Paint
0800	619-C6001	Red-Clear Reflective High Performance Raised Marker
0810	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0820	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0830	619-D3001	Remove and Reset Signs, All Sizes
0840	619-E1001	Flashing Arrow Panel, Type C
0850	619-F1001	Concrete Median Barrier, Precast
0860	619-F1004	Portable Median Barrier, 60 MPH
0870	619-F2001	Remove and Reset Concrete Median Barrier, Precast
0880	619-G4005	Barricades, Type III, Single Faced
0890	619-G5001	Free Standing Plastic Drums
0900	619-G7001	Warning Lights, Type "B"
0910	619-J1004	Impact Attenuator, 60 MPH
0920	619-J2004	Impact Attenuator, 60 MPH, Replacement Package
1240	907-619-E3001	Changeable Message Sign

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 986

CODE: (SP)

DATE: 7/10/2018

SUBJECT: Additional Construction Requirements

PROJECT: NH-0055-02(248) / 102315302 -- Madison County

Additional construction work on the project shall consist of the following:

Old Agency Road/ West Frontage Road/Interstate Ramps and Loops

- Mill and overlay approximately 1 mile of existing asphalt pavement on West frontage Road from Old Agency Road to pavement change on south side of Steed Road.
- Northwest Loop Ramp from I-55/Old Agency Road bridge to I-55 South ramp pavement change.
- Northeast Loop Ramp from I-55 northbound ramp pavement change to I-55/Old Agency Road bridge.
- Southwest ramp from Old Agency Road to I-55 South ramp pavement change.
- Old Agency Road from West end of I-55 Overpass through Roundabout to End of Maintenance in Madison County.

Work in this area shall consist of milling 2" and overlaying the travel lanes, roundabout, and local roads with 2" of 12.5-mm, HT, Asphalt Pavement, Polymer Modified per the attached typical sections. The paved shoulders will be milled 2" and replaced with 2" of 12.5-mm, ST, Asphalt Pavement.

General Notes: These general notes are applicable to the above mentioned sites.

Prior to beginning the overlaying operations, various locations on the West Frontage Road shall be pre-leveled with 12.5mm, HT, Asphalt Pavement, Leveling. Additionally, prior to pre-leveling, the curb in pre-leveled areas shall be removed and replaced with Combination Curb and Gutter Type 3A Modified on correct grade. The leveling and curb replacement will be made at the locations determined by the Engineer. Once the curb and gutter is removed, the curb shall be replaced as soon as possible to avoid drainage issues and to prevent drop-offs adjacent to the travel lane and/or paved shoulders. The lane may not be opened to traffic until the curb has been replaced or the drop-off corrected. Lane closures shall conform to the applicable lane closure restrictions and may not be left unattended. The Contractor may place crushed stone to fill the void left by the removal of the curb until such time that the curb is replaced. The cost of crushed stone will not be measured for separate payment.

Potholes that may exist are to be patched in a timely manner and prior to beginning the asphalt overlay. Patching of potholes shall be considered an absorbed item. Cracks of significant depth

or depressions in the existing surface which, in the opinion of the Engineer, may cause reflection cracking shall be filled with asphalt immediately prior to overlay operations.

Traffic will be limited to 48 hours on the mainline milled surface. Milling shall be performed in accordance with the attached drawings, and on all mainline tie-ins, driveway pads, county roads, etc. Traffic will be allowed to run on all milled county roads and driveway pads. Temporary pavement joints (paper joints) shall be at least three (3) paper-widths long and shall be used at all milled tie-ins and shall be adequately maintained. Approved mix designs must be on hand prior to milling. Milling operations will not commence until such time that, in the opinion of the Engineer, weather conditions have been consistently suitable enough to allow the placement of the asphalt after the milling operations.

Publicly maintained roads and streets should be paved to the existing right-of-way. Privately owned entrances shall be paved to the shoulder line or joint per the included typical drawing. Pads shall be shaped horizontally and vertically to prevent excessive drop-offs. Granular Material, Class 5, Group C, shall be provided around the ramps and frontage road to prevent shoulder drop-offs per the typical sections and shall be placed in a timely manner and will be paid under the pay item 304-B003 . Drop-offs exceeding 2.5" shall be corrected before the end of each day

It shall be the responsibility of the Contractor to protect existing structures such as pipes, inlets, aprons, bridges, etc. from damage which might occur during construction. The Contractor shall replace or repair, as directed by the engineer, any structures damaged during the life of the contract. No payment will be made for replacement or repair of damaged items.

The Contractor shall erect and maintain construction signing and provide all signs and traffic control devices necessary to safely maintain traffic around and through the work areas in accordance with the Traffic Control Plan and the MUTCD. The cost is to be included in the price bid for Pay Item No. 618-A, Maintenance of Traffic. Fluorescent orange sheeting shall be used on all construction and traffic control signs except those designated in the plans to be black legend and border on white background. Standard roadside construction signs and barricades will be paid for using the appropriate pay items.

Incidental work such as removing vegetation, shaping and compacting shoulders, removing and resetting signs and/or mailboxes, removing excess asphalt material, project clean-up, and other items of incidental work necessary to complete the project will not be measured for separate payment and will be considered included in the prices of items bid.

The Contractor shall on a daily basis, remove all debris from within the roadway and a 30-foot clear zone which, in the opinion of the Engineer, is a hazard to the traveling public. This activity shall begin with the beginning of work or the beginning of the contract time, whichever comes first. No direct payment will be made for the debris removal; the cost is to be included in the prices of items bid. Failure of the Contractor to remove the debris as prescribed herein shall be just cause for withholding the monthly progress estimate payment or suspending active operations until the debris is satisfactorily removed by the Contractor.

Weep holes shall be cut in existing shoulder material and shall be coincident with the milling/overlaying operation to prevent the possible ponding of water. No payment will be made for blading or removal of the existing shoulder material. Any material excavated from the existing shoulder shall be used to raise the existing shoulder to match the new pavement elevation and any surplus material shall be spread along the edge of the shoulders, fore slopes, or other adjacent areas as directed by the Engineer and will be an absorbed item. Material which cannot be placed in adjacent areas and deemed to be excess excavation by the Engineer shall be absorbed into other bid items.

Where applicable the existing shoulders are to be raised to match the new pavement elevation by placing variable depth granular material on the existing shoulders. Placement of the granular material on the finished asphalt course shall not be permitted. The material shall be bladed, rolled, and compacted to a finished slope of four percent (4%). Placement of this material shall be performed to provide a uniform and compacted shoulder with a minimum depth and width of material placed.

Existing raised pavement markers are to be removed prior to beginning the overlay operation. No measurement will be made for separate payment; the cost is to be included in the prices for other items bid. Permanent pavement markers are to be placed in accordance with the Standard Drawings. Two-way yellow markers are to be placed on two-way roads and gore areas. Red/Clear markers are to be placed on one way roads. Two-way clear markers are to be placed on county roads. The cost of all permanent pavement markers will be paid under its respective pay item.

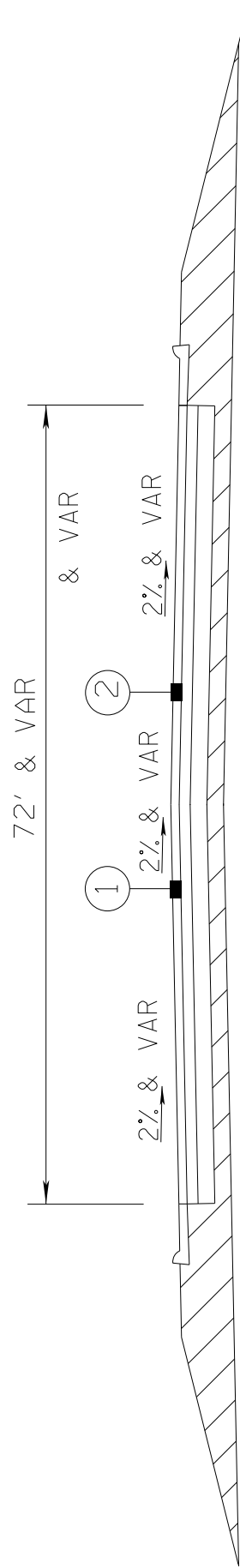
Temporary traffic stripe will be required immediately after the required overlay and prior to opening area to traffic. Temporary stripe is to be placed in the same location and configuration as the permanent stripe.

All permanent striping will be thermoplastic double-drop. Edge lines shall be placed to accommodate the lane widths shown on the applicable typical sections unless prevented by field conditions

Typical Sections: The following typical sections are applicable to the above mentioned sites.

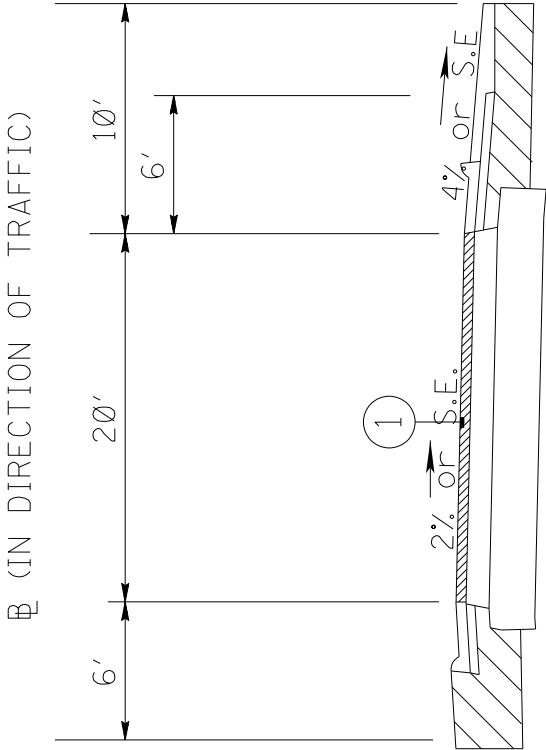
OLD AGENCY ROAD

(IN DIRECTION OF TRAFFIC)

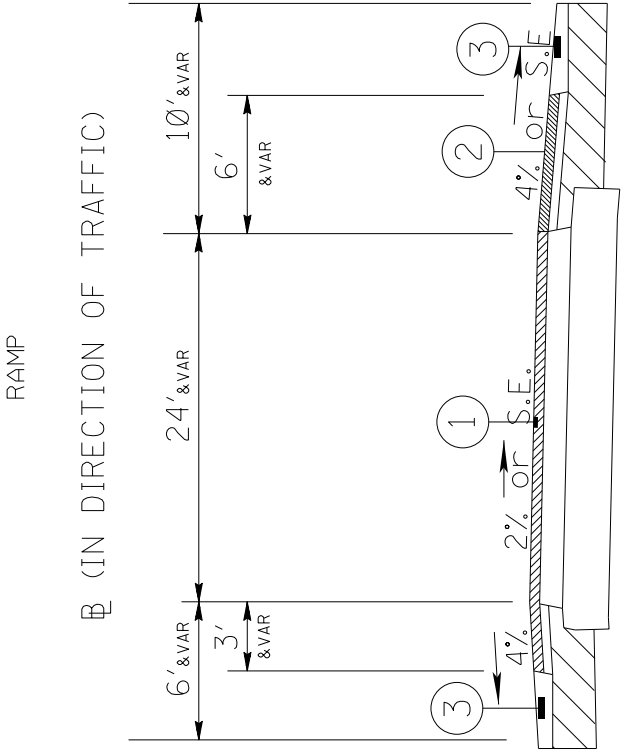


- ① 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) POLYMER MODIFIED (102" LIFT)
- ② PRE-LEVEL WITH 12.5MM, HT, ASPHALT PAVEMENT LEVELING

LOOP RAMPS



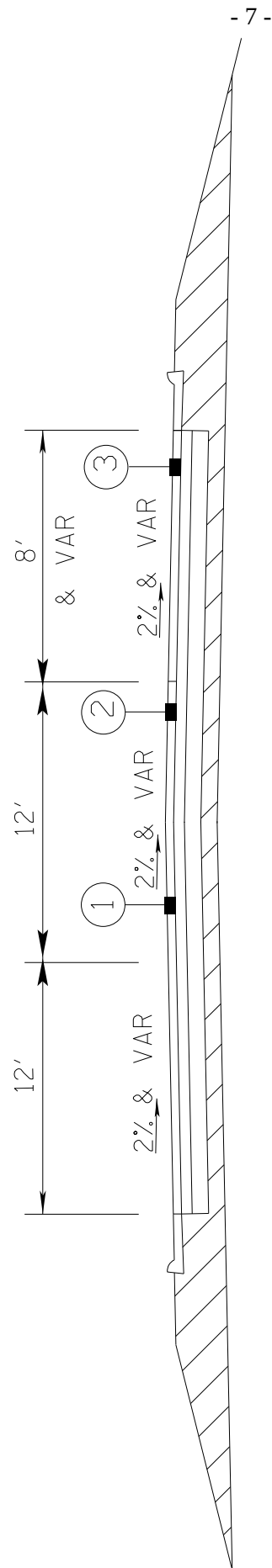
① 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, HT (12.5mm MIXTURE) POLYMER MODIFIED (10%)



- ① 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, HT (12.5mm MIXTURE) POLYMER MODIFIED (1@2")
- ② 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, ST (12.5mm MIXTURE) (1@2")
- ③ GRANULAR MATERIAL AS REQUIRED

FRONTAGE RD.

STEED RD 10+00 - 31+18

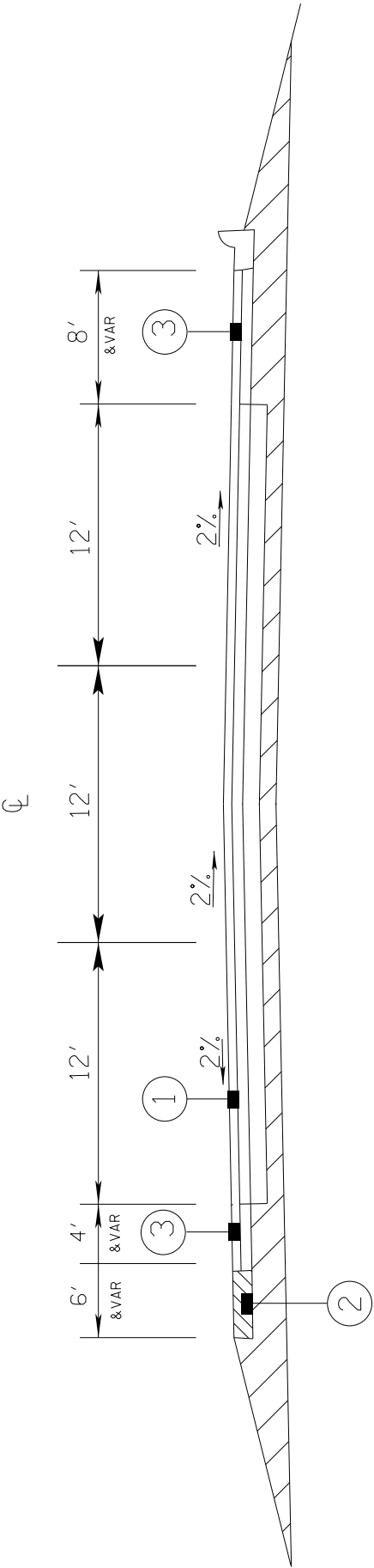


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Notice To Bidders No. 986 -- Cont'd.

- ① 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) POLYMER MODIFIED (1@2" LIFT)
- ② PRE-LEVEL WITH 12.5MM, HT, ASPHALT PAVEMENT LEVELING
- ③ 2" FINE MILLING AND REPLACE WITH 2" 12.5mm ST ASPHALT PAVEMENT (1@2" LIFT)

FRONTAGE RD.
31+18-41 +50



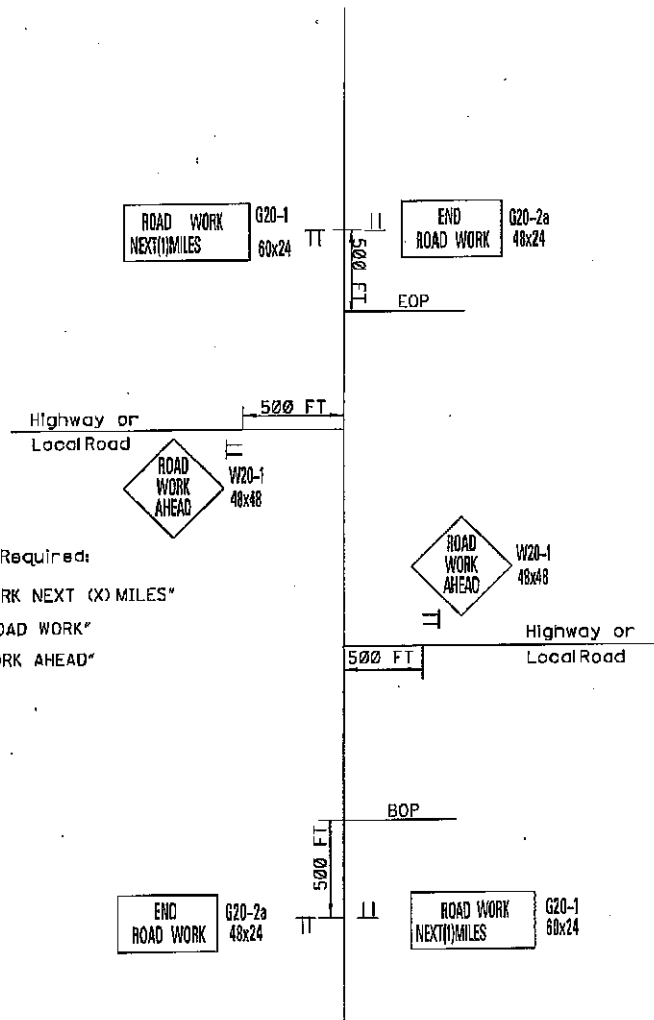
- ① 2" FINE MILLING AND REPLACE WITH 2" ASPHALT PAVEMENT, HT (12.5 mm MIXTURE) POLYMER MODIFIED (1@2" LIFT)
- ② GRANULAR MATERIAL .
- ③ 2" FINE MILLING AND REPLACE WITH 2" 12.5mm ST ASPHALT PAVEMENT (1@2" LIFT)

CONSTRUCTION SIGNING DETAIL

ESTIMATED

Traffic Control Signs Required:

- 2 - G20-1 "ROAD WORK NEXT (X) MILES"
- 6 - G20-2a "END ROAD WORK"
- 11 - W20-1 "ROAD WORK AHEAD"



NOTES: One (1) W20-1 "ROAD WORK AHEAD" Sign is Required at each Local Road, Street or Highway Entering the Project.

G20-1 and G20-2a signs mounted on Type III Double Faced Barricade.

Payment for these signs will be under the appropriate pay item numbers in the summary of quantities

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 987

CODE: (SP)

DATE: 7/17/2018

SUBJECT: Milestone Construction

PROJECT: NH-0055-02(248) / 102315302 – Madison County

Bidders are hereby advised that a project milestone will be required on the project:

The Milestone Construction is defined as all work associated with the scope of work described in the Notice to Bidders entitled “Additional Construction Requirements”.

The Milestone Construction shall be considered complete when all construction work described in the above mentioned Notice to Bidders is completed and opened to traffic, including permanent pavement markings.

The Completion Date for the Milestone Construction is November 15, 2018.

The Contractor will be assessed a fee of \$5,000.00 each Calendar Day beyond November 15, 2018 until the contractor has completed the project milestone to the satisfaction of the Engineer.

Bidders are further advised that it shall be acceptable to begin work on the Milestone Construction only prior to approval of the Erosion Control Plan. The Contractor will not be allowed to pursue work on any other portion of the project until the Erosion Control Plan has been approved.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1029

CODE: (SP)

DATE: 07/16/2018

SUBJECT: Plan Correction

PROJECT: NH-0055-02(248) / 102315302 – Madison County

Bidders are hereby advised that the following pay items were inadvertently left off of the Summary of Quantities Sheets in the Plans. The pay items are included and are correct as shown on the bid item sheets in the proposal.

1. 602-A001 Reinforcing Steel (8,122 pounds)
2. 603-CA011 18" Reinforced Concrete Pipe, Class III (64 Linear Feet)

Bidders are hereby advised that the following pay item quantities are incorrect as shown on the Summary of Quantities Sheets in the Plans. The correct quantities are shown below and are correct on the bid item sheets in the proposal.

3. 304-F001 ¾" and Down Crushed Stone Base (5750 tons)
4. 304-F002 Size 610 Crushed Stone Base (5750 tons)
5. 304-F003 Size 825B Crushed Stone Base (5750 tons)
6. 203-EX021 Borrow Excavation, AH, FME, Class B9-6 (9880 CY)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1030

CODE: (SP)

DATE: 7/17/2018

SUBJECT: Substitution for Jacked or Bored Concrete Pipe

PROJECT: NH-0055-02(248) / 102315302 – Madison County

Bidders are hereby advised that the Contractor may be allowed to substitute steel pipe in areas where the contract specifies concrete jacked or bored pipe. The Contractor will be required to submit, for approval, design calculations stamped by a registered professional engineer with the following criteria considered at a minimum: PH, Resistivity, Corrosion, Wall Thicknesses, Dead and Live Loads.

If the steel pipe is approved for use, payment will be made under the appropriate pay item for concrete jacked or bored pipe.

General Decision Number: MS180241 07/06/2018 MS241

Superseded General Decision Number: MS20170241

State: Mississippi

Construction Type: Highway

County: Madison County in Mississippi.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/26/2018
2	07/06/2018

* ELEC0480-010 07/01/2018

	Rates	Fringes
TRAFFIC SIGNALIZATION		
Electrician.....	\$ 25.10	9.13

SUMS2010-060 08/04/2014		
	Rates	Fringes
CARPENTER (Form Work Only).....	\$ 12.32	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 12.85	0.39
ELECTRICIAN.....	\$ 24.04	5.87
HIGHWAY/PARKING LOT STRIPING:		
Truck Driver (Line Striping Truck).....	\$ 10.86	0.00
INSTALLER - GUARDRAIL.....	\$ 12.07	0.00

INSTALLER - SIGN.....	\$ 11.54	0.00
IRONWORKER, REINFORCING.....	\$ 15.52	0.00
LABORER: Common or General, Including Asphalt Raking, Shoveling, Spreading; and Grade Checking.....	\$ 10.38	0.00
LABORER: Flagger.....	\$ 9.91	0.00
LABORER: Luteman.....	\$ 12.88	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 11.27	0.00
LABORER: Pipelayer.....	\$ 13.44	0.00
LABORER: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper.....	\$ 10.26	0.00
OPERATOR: Asphalt Spreader.....	\$ 14.71	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 14.37	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 11.64	0.00
OPERATOR: Broom/Sweeper.....	\$ 10.48	0.00
OPERATOR: Bulldozer.....	\$ 13.88	0.00
OPERATOR: Concrete Saw.....	\$ 15.50	0.00
OPERATOR: Crane.....	\$ 15.00	0.00
OPERATOR: Distributor.....	\$ 10.95	0.00
OPERATOR: Grader/Blade.....	\$ 14.28	0.00
OPERATOR: Grinding/Grooving Machine.....	\$ 15.90	0.00
OPERATOR: Loader.....	\$ 13.28	0.00
OPERATOR: Mechanic.....	\$ 13.00	0.00
OPERATOR: Milling Machine.....	\$ 14.68	0.00
OPERATOR: Mixer.....	\$ 14.25	0.00
OPERATOR: Oiler.....	\$ 12.35	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 11.74	0.00
OPERATOR: Roller (All Types)....	\$ 10.85	0.00

OPERATOR: Scraper.....	\$ 12.25	0.00
OPERATOR: Tractor.....	\$ 10.56	0.00
TRUCK DRIVER: Flatbed Truck.....	\$ 14.06	0.00
TRUCK DRIVER: Lowboy Truck.....	\$ 12.08	0.00
TRUCK DRIVER: Mechanic.....	\$ 13.00	0.00
TRUCK DRIVER: Water Truck.....	\$ 10.00	0.00
TRUCK DRIVER: Dump Truck (All Types).....	\$ 11.02	0.00
TRUCK DRIVER: Semi/Trailer Truck.....	\$ 12.50	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

Widen, Mill & Overlay I-55 NB and Bridge Widening over I-220 Ramp (Bridge No. 103.1B), known as Federal Aid Project No. NH-0055-02(248) / 102315302 in Madison County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0010	201-A001		1	Lump Sum	Clearing and Grubbing
0020	202-B029		58	Square Yard	Removal of Bridge End Pavement
0022	202-B050		650	Linear Feet	Removal of Concrete Combination Curb & Gutter
0030	202-B063		410	Square Yard	Removal of Concrete Paved Ditch
0040	202-B083		131	Square Yard	Removal of Concrete Slope Paving
0050	202-B124		3,515	Linear Feet	Removal of Electrical Conductors
0060	202-B136		1,782	Linear Feet	Removal of Guard Rail
0070	202-B163		1	Each	Removal of Inlet Tops
0080	202-B176		1	Each	Removal of Lighting Controllers
0090	202-B185		3	Each	Removal of Overhead Sign Including Panels, Truss, Supports & Footing
0100	202-B188		9,083	Square Yard	Removal of Pavement, All Types and Depths
0110	202-B191		13	Linear Feet	Removal of Pipe, 8" And Above
0120	202-B195		5	Each	Removal of Pull Box
0130	202-B215		2	Each	Removal of Sign Including Post & Footing
0140	202-B226		9,083	Square Yard	Removal of Soil Cement Treated Base, All Depths
0150	203-A001	(E)	6,295	Cubic Yard	Unclassified Excavation, FM, AH
0160	203-EX021	(E)	9,880	Cubic Yard	Borrow Excavation, AH, FME, Class B9-6
0170	203-G001	(E)	36,206	Cubic Yard	Excess Excavation, FM, AH
0180	203-I002		805	Square Yard	Site Grading
0190	206-A001	(S)	71	Cubic Yard	Structure Excavation
0200	209-A005		23,000	Square Yard	Geotextile Stabilization, Type V, Non-Woven
0210	213-C001		5	Ton	Superphosphate
0220	216-A001		907	Square Yard	Solid Sodding
0230	219-A001		968	Thousand Gallon	Watering [\$20.00]
0240	220-A001		5	Acre	Insect Pest Control [\$30.00]
0250	221-A001	(S)	293	Cubic Yard	Concrete Paved Ditch
0260	223-A001		216	Acre	Mowing [\$50.00]
0270	225-A001		10	Acre	Grassing
0280	225-B001		5	Ton	Agricultural Limestone
0290	225-C001		20	Ton	Mulch, Vegetative Mulch
0300	226-A001		10	Acre	Temporary Grassing
0310	234-A001		14,500	Linear Feet	Temporary Silt Fence

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0320	234-D001		1	Each	Inlet Siltation Guard
0330	237-A002		427	Linear Feet	Wattles, 20"
0340	246-B001		250	Each	Rockbags
0350	249-A001		100	Ton	Riprap for Erosion Control
0352	304-B003	(GT)	1,508	Ton	Granular Material, Class 5, Group C
0360	402-A002	(BA1)	2,869	Ton	Open Graded Friction Course, 9.5-mm Mixture
0370	402-B001	(A3)	4,742	Gallon	Bituminous Tack Coat
0380	403-A001	(BA1)	1,643	Ton	12.5-mm, HT, Asphalt Pavement
0382	403-B001	(BA1)	685	Ton	12.5-mm, HT, Asphalt Pavement, Leveling
0390	403-A003	(BA1)	1,988	Ton	12.5-mm, ST, Asphalt Pavement
0400	403-A004	(BA1)	2,301	Ton	19-mm, HT, Asphalt Pavement
0410	403-A006	(BA1)	5,085	Ton	19-mm, ST, Asphalt Pavement
0420	403-A015	(BA1)	1,323	Ton	9.5-mm, ST, Asphalt Pavement
0430	403-B010	(BA1)	375	Ton	9.5-mm, HT, Asphalt Pavement, Leveling
0440	403-B012	(BA1)	1,689	Ton	9.5-mm, ST, Asphalt Pavement, Leveling
0442	403-D001	(BA1)	4,205	Ton	12.5-mm, HT, Asphalt Pavement, Polymer Modified
0450	405-A001	(BA1)	1,643	Ton	Stone Matrix Asphalt, 12.5 mm Mixture
0460	405-A002	(BA1)	3,827	Ton	Stone Matrix Asphalt, 9.5 mm Mixture
0470	406-D001		127,680	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0480	407-A001	(A2)	10,800	Gallon	Asphalt for Tack Coat
0490	409-A003		256	Square Yard	Geotextile Fabric For Underseal, Type V
0500	413-E001		60	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement
0510	423-A001		4	Mile	Rumble Strips, Ground In
0520	502-A001	(C)	104	Square Yard	Reinforced Cement Concrete Bridge End Pavement
0530	503-C010		6,665	Linear Feet	Saw Cut, Full Depth
0540	601-A001	(S)	85	Cubic Yard	Class "B" Structural Concrete
0550	601-B001	(S)	4	Cubic Yard	Class "B" Structural Concrete, Minor Structures
0560	602-A001	(S)	8,122	Pounds	Reinforcing Steel
0570	603-CA011	(S)	64	Linear Feet	18" Reinforced Concrete Pipe, Class III
0580	603-CA053	(S)	280	Linear Feet	30" Reinforced Concrete Pipe, Class V, Jacked or Bored
0590	603-CB003	(S)	3	Each	18" Reinforced Concrete End Section
0600	603-CB005	(S)	2	Each	30" Reinforced Concrete End Section
0610	603-CE028	(S)	24	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III
0620	603-CF007	(S)	1	Each	58" x 36" Concrete Arch Pipe End Section

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0630	604-B001		250	Pounds	Gratings
0640	605-AA001	(S)	47	Square Yard	Geotextile for Subsurface Drainage, Type III
0650	605-T001	(S)	88	Linear Feet	4" Perforated Pipe for Underdrains
0660	605-U001	(S)	47	Linear Feet	4" Non-perforated Pipe for Underdrains
0670	605-W001	(GY)	3	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM
0680	606-B001		2,194	Linear Feet	Guard Rail, Class A, Type 1
0690	606-C003		6	Each	Guard Rail, Cable Anchor, Type 1
0700	606-D020		2	Each	Guard Rail, Bridge End Section, Type H, Metal Post
0710	606-D023		2	Each	Guard Rail, Bridge End Section, Type I, Metal Post
0720	606-E007		10	Each	Guard Rail, Terminal End Section, Non-Flared
0722	609-D012	(S)	650	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified
0730	615-A001	(S)	10	Linear Feet	Concrete Bridge End Barrier, 32"
0740	615-A007	(S)	454	Linear Feet	Concrete Pier Protection Barrier, 54"
0750	618-A001		1	Lump Sum	Maintenance of Traffic
0760	619-A1004		21	Mile	Temporary Traffic Stripe, Continuous White, Paint
0770	619-A2004		13	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint
0780	619-A3003		16	Mile	Temporary Traffic Stripe, Skip White, Paint
0790	619-A5002		34,506	Linear Feet	Temporary Traffic Stripe, Detail, Paint
0792	619-A6003		1,115	Square Feet	Temporary Traffic Stripe, Legend, Paint
0794	619-A6004		286	Linear Feet	Temporary Traffic Stripe, Legend, Paint
0800	619-C6001		409	Each	Red-Clear Reflective High Performance Raised Marker
0810	619-D1001		158	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet
0820	619-D2001		1,188	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More
0830	619-D3001		3	Each	Remove and Reset Signs, All Sizes
0840	619-E1001		1	Each	Flashing Arrow Panel, Type C
0850	619-F1001		10,520	Linear Feet	Concrete Median Barrier, Precast
0860	619-F1004		725	Linear Feet	Portable Median Barrier, 60 MPH
0870	619-F2001		3,446	Linear Feet	Remove and Reset Concrete Median Barrier, Precast
0880	619-G4005		68	Linear Feet	Barricades, Type III, Single Faced
0890	619-G5001		74	Each	Free Standing Plastic Drums
0900	619-G7001		4	Each	Warning Lights, Type "B"
0910	619-J1004		4	Each	Impact Attenuator, 60 MPH
0920	619-J2004		4	Each	Impact Attenuator, 60 MPH, Replacement Package

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
0930	620-A001		1	Lump Sum	Mobilization
0940	626-A001		6	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip White
0942	626-B002		3	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous White
0950	626-C002		3	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0952	626-E002		3,150	Linear Feet	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0960	626-F001		3	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow
0968	626-G002		6,448	Linear Feet	Thermoplastic Detail Stripe, White
0970	626-G004		10,101	Linear Feet	Thermoplastic Double Drop Detail Stripe, White
0972	626-G005		4,341	Linear Feet	Thermoplastic Double Drop Detail Stripe, Yellow
0974	626-H004		1,233	Square Feet	Thermoplastic Legend, White
0976	626-H005		143	Linear Feet	Thermoplastic Legend, White
0980	627-K001		1,853	Each	Red-Clear Reflective High Performance Raised Markers
0982	627-L001		290	Each	Two-Way Yellow Reflective High Performance Raised Markers
0990	630-A001		12	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1000	630-A003		32	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1010	630-B003		1,202	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted
1020	630-C003		70	Linear Feet	Steel U-Section Posts, 3.0 lb/ft
1030	630-E004		39	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1040	630-F006		21	Each	Delineators, Guard Rail, White
1050	630-F007		66	Each	Delineators, Guard Rail, Yellow
1060	630-G004		3	Each	Type 3 Object Markers, OM-3R or OM-3L
1070	630-I015		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed
1080	630-I020		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed
1090	630-I022		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed
1100	630-K003		31	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"
1110	682-A005		945	Linear Feet	Underground Branch Circuit, AWG 1/0, 3 Conductor
1120	682-A018		1,040	Linear Feet	Underground Branch Circuit, AWG 2, 3 Conductor
1130	682-A028		1,095	Linear Feet	Underground Branch Circuit, AWG 4, 3 Conductor
1140	682-A034		180	Linear Feet	Underground Branch Circuit, AWG 6, 3 Conductor
1150	682-B016		535	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor
1160	682-B025		150	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor
1170	682-B032		85	Linear Feet	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor
1180	682-D003		13	Each	Underground Pull Box

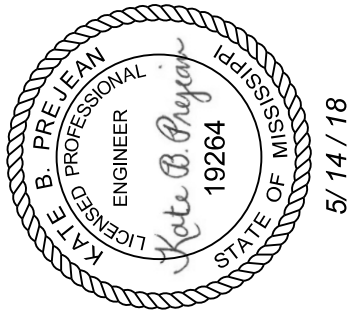
Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
1190	682-F001		1	Each	Secondary Power Controller
1200	699-A001		1	Lump Sum	Roadway Construction Stakes
1210	815-A002	(S)	7	Ton	Loose Riprap, Size 100
1220	815-F002	(S)	100	Ton	Sediment Control Stone
1230	907-250-A001		400	Pounds	Polyacrylamide (PAM)
1240	907-619-E3001		2	Each	Changeable Message Sign
1250	907-626-U003		4	Mile	6" Thermoplastic Traffic Stripe, Skip White, 40-mil min.
1260	907-626-V003		5	Mile	6" Thermoplastic Traffic Stripe, Continuous White, 40-mil min.
1270	907-626-X003		4	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow, 40-mil min.
1280	907-626-Y002		1,750	Linear Feet	Thermoplastic Detail Traffic Stripe, White, 6" Equivalent Length, 40-mil min.
1290	907-630-O004		21	Each	Remove and Reset Sign, All Sizes
1300	907-906001		520	Hours	Trainees [\$5.00]
ALTERNATE GROUP AA NUMBER 1					
1310	304-F001	(GT)	5,750	Ton	3/4" and Down Crushed Stone Base
ALTERNATE GROUP AA NUMBER 2					
1320	304-F002	(GT)	5,750	Ton	Size 610 Crushed Stone Base
ALTERNATE GROUP AA NUMBER 3					
1330	304-F003	(GT)	5,750	Ton	Size 825B Crushed Stone Base
Bridge Items					
1340	202-B169		194	Linear Feet	Removal of Joint Material
1350	802-C001	(S)	1,160	Square Feet	Temporary Steel Sheet Piling
1360	803-K003	(S)	144	Linear Feet	Drilled Shaft, 30" Diameter
1370	803-K006	(S)	185	Linear Feet	Drilled Shaft, 48" Diameter
1380	803-M005	(S)	55	Linear Feet	Trial Shaft, 48" Diameter
1390	803-N001	(S)	100	Linear Feet	Exploration
1400	804-A001	(S)	91	Cubic Yard	Bridge Concrete, Class AA
1410	804-A004	(S)	176	Cubic Yard	Bridge Concrete, Class BD
1420	805-A001	(S)	77,850	Pounds	Reinforcement
1430	808-A001	(S)	194	Linear Feet	Joint Preparation
1440	810-A006	(S)	321,597	Pounds	Structural Steel, A 709, Grade 50
1450	813-A002	(S)	391	Linear Feet	Concrete Railing, 32"
1460	815-D001	(S)	145	Cubic Yard	Concrete Slope Paving
1470	907-823-A002		97	Linear Feet	Preformed Joint Seal, Type II
1480	907-823-B002		194	Linear Feet	Saw Cut, Type II

ADDENDUM

DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
TITLE SHEET (1)		1
DETAILED INDEX AND GENERAL NOTES SHEETS (5)		
DETAILED INDEX	DI-1	2
DETAILED INDEX	DI-2	3
DETAILED INDEX	DI-3	4
GENERAL NOTES	GN-1	5
GENERAL NOTES	GN-2	6
TYPICAL SECTION SHEETS (14)		
I-55 NORTHBOUND - B.O.P. TO STA. 492+44.35	TS-1	7
I-55 NORTHBOUND - STA. 492+44.35 TO STA. 501+00.00	TS-2	8
I-55 NORTHBOUND - STA. 501+00.00 TO STA. 509+21.20	TS-3	9
I-55 NORTHBOUND - STA. 509+21.20 TO STA. 520+91.50	TS-4	10
I-55 NORTHBOUND - STA. 520+91.50 TO STA. 523+60.81	TS-5	11
I-55 NORTHBOUND - STA. 528+00.47 TO STA. 543+27.17	TS-6	12
I-55 NORTHBOUND - STA. 543+27.17 TO STA. 547+27.00	TS-7	13
I-55 NORTHBOUND - STA. 547+27.00 TO STA. 554+00.00	TS-8	14
I-55 NORTHBOUND - STA. 554+00.00 TO STA. 564+81.90	TS-9	15
I-55 NORTHBOUND - STA. 564+81.90 TO STA. 571+58.76	TS-10	16
I-55 NORTHBOUND - STA. 571+58.76 TO E.O.P.	TS-11	17
RAMP - I-55 NORTHBOUND EXIT TO I-220	TS-12	18
RAMP - I-220 ENTRANCE TO I-55 NB	TS-13	19
RAMP - I-55 NORTHBOUND EXIT TO NATCHEZ TRACE PARKWAY	TS-14	20
QUANTITY SHEETS (12)		
SUMMARY OF QUANTITIES	SQ-1	21
SUMMARY OF QUANTITIES	SQ-2	22
SUMMARY OF QUANTITIES	SQ-3	23
SUMMARY OF QUANTITIES	SQ-4	24
ESTIMATED QUANTITIES - REMOVAL ITEMS, EARTHWORK	EQ-1	25
ESTIMATED QUANTITIES - GUARD RAIL, BRIDGE END PAVEMENT	EQ-2	26
ESTIMATED QUANTITIES - DRAINAGE STRUCTURES	EQ-3	27
ESTIMATED QUANTITIES - STANDARD ROADSIDE SIGNS	EQ-4	28
ESTIMATED QUANTITIES - SIGN ASSEMBLIES	EQ-5	29
ESTIMATED QUANTITIES - PAVEMENT MARKINGS	EQ-6	30
ESTIMATED QUANTITIES - TRAFFIC CONTROL	EQ-7	31
ESTIMATED QUANTITIES - TRAFFIC CONTROL SIGNS REQ'D	EQ-8	32
PLAN AND PROFILE SHEETS (9)		
I-55 NORTHBOUND - B.O.P. TO STA. 480+00	3	33
I-55 NORTHBOUND - STA. 480+00 TO STA. 510+00	4	34
I-55 NORTHBOUND - STA. 510+00 TO STA. 540+00	5	35
RAMP 1 - I-55 NORTHBOUND EXIT TO I-220	5a	36
I-55 NORTHBOUND - STA. 540+00 TO STA. 570+00	6	37
RAMP 2 - I-220 ENTRANCE RAMP TO I-55 NB	6a	38
RAMP 3 - I-55 NORTHBOUND EXIT TO NATCHEZ TRACE PARKWAY	6b	39
I-55 NORTHBOUND - STA. 570+00 TO E.O.P.	7	40
GEOMETRIC LAYOUT	8	41

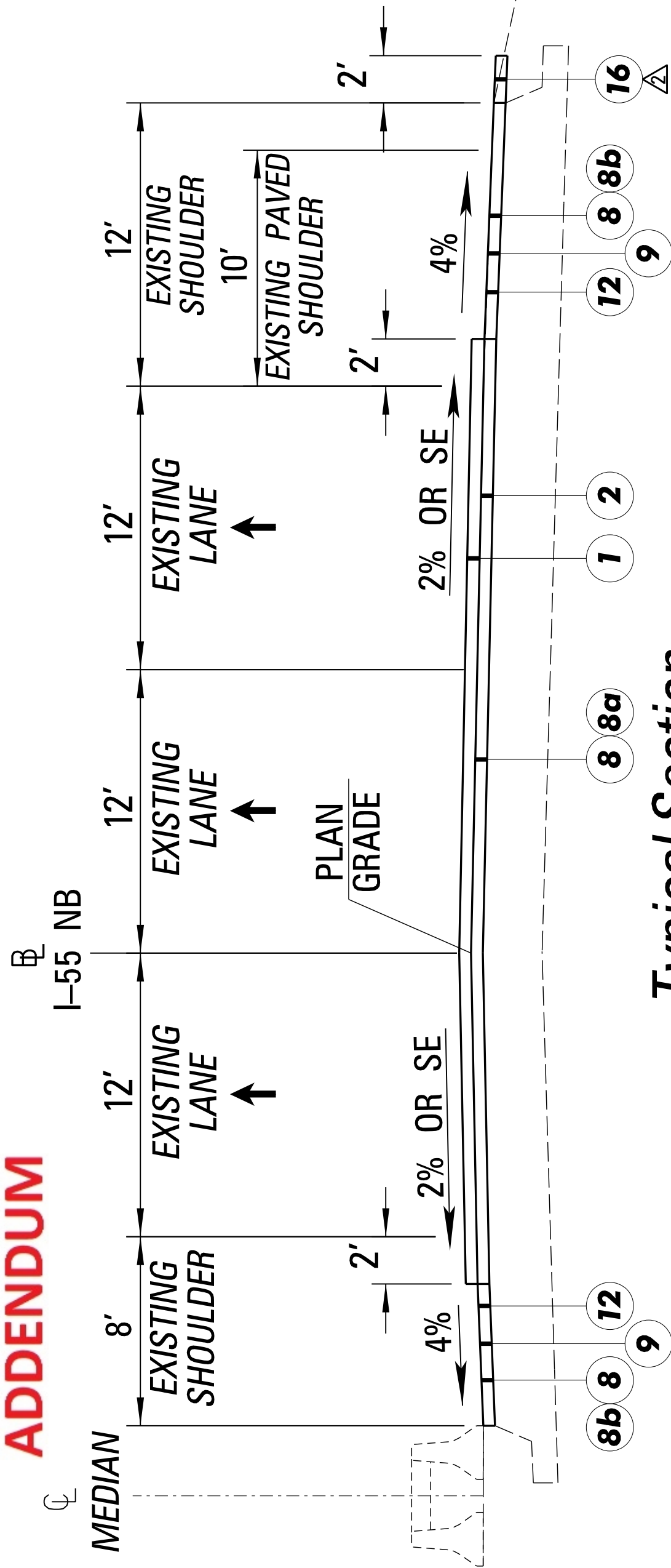
DESCRIPTION OF SHEET	WKG. NO.	SH. NO.
FORM GRADE SHEETS (3)		
I-55 NORTHBOUND STA. 509+00 TO STA. 511+00	FG-1	42
I-55 NORTHBOUND STA. 542+00 TO STA. 548+00	FG-2	43
I-55 NORTHBOUND STA. 561+00 TO STA. 567+00	FG-3	44
PAVEMENT MARKING DETAIL SHEETS (4)		
PAVEMENT MARKING DETAILS - B.O.P. TO STA. 506+00	PMD-1	45
PAVEMENT MARKING DETAILS - STA. 506+00 TO STA. 536+00	PMD-2	46
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DETAIL OF CONSTRUCTION SIGNING	DCS-1	49
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Phase 1		
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TRAFFIC CONTROL PLAN - TYPICAL SECTIONS	TC-2	51
TRAFFIC CONTROL PLAN - B.O.P TO STA. 486+00	TC-3	52
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TRAFFIC CONTROL PLAN - STA. 486+00 TO STA. 514+00	TC-12	61
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TRAFFIC CONTROL PLAN - STA. 541+00 TO STA. 571+00	TC-14	63
TRAFFIC CONTROL PLAN - STA. 571+00 TO E.O.P.	TC-15	64

HNTB CORPORATION			
PS & E PLANS-DATE 5/14/2018			
FMS CON. # 102315/302000			
REVISIONS			
DATE	SHEET NO.	BY	
6/15/18	I-26,30-31,47 79-84, 88, 4003, 9001, 9008-9016 9021-9023,9025- 9027,9029-9031	KBP	
7/13/18	2,7-10,12-24	KBP	



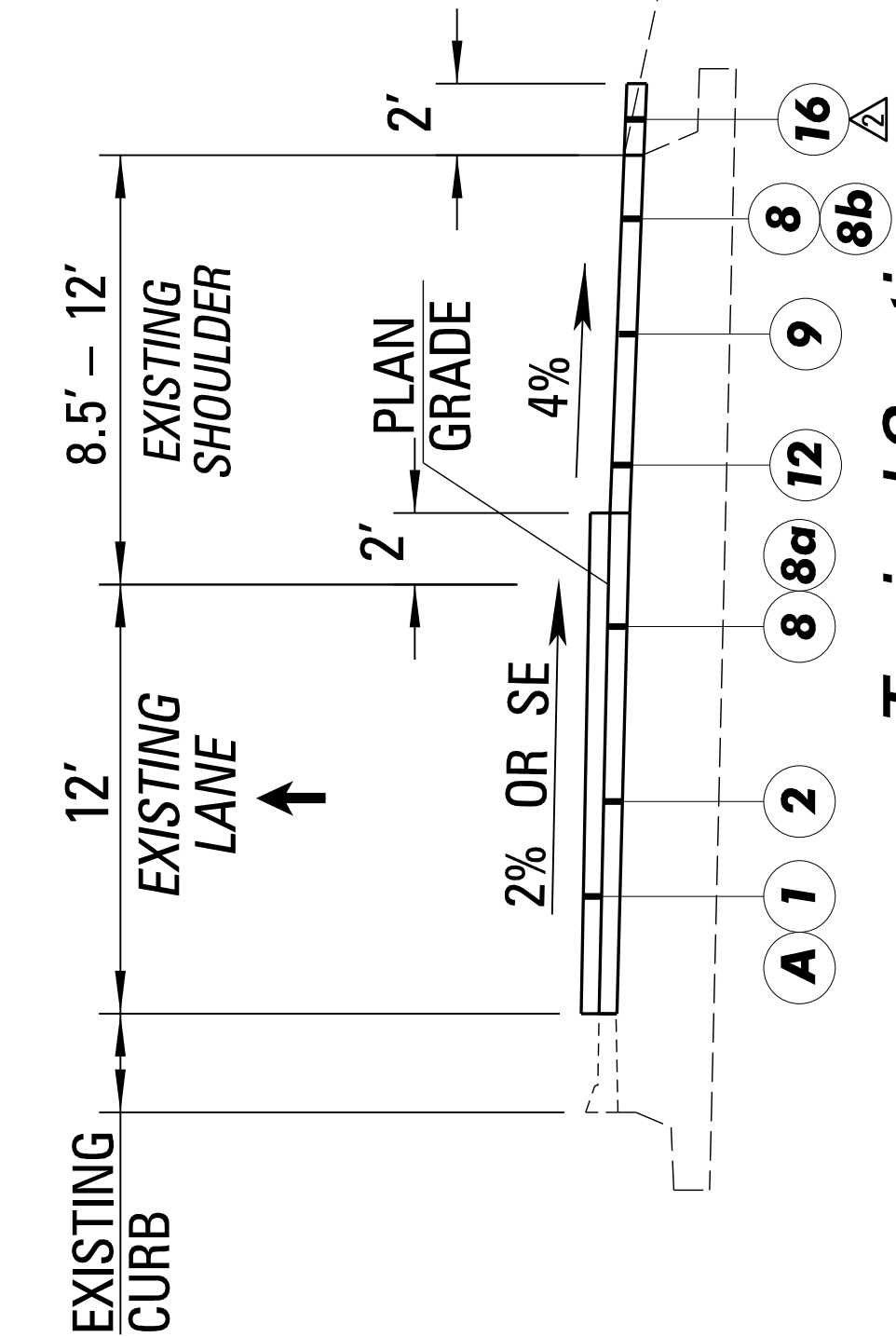
MISSISSIPPI DEPARTMENT OF TRANSPORTATION		WORKING NUMBER
DETAILED INDEX		DI-1
I-55 NORTHBOUND		
COUNTY: MADISON		
PROJ. NO.: NH-0055-02(248)		
DATE	DESIGN TEAM	SHEET NUMBER
	HNTB	2
	CHECKED	
	RLG	
	DATE	5/7/18

ADDENDUM



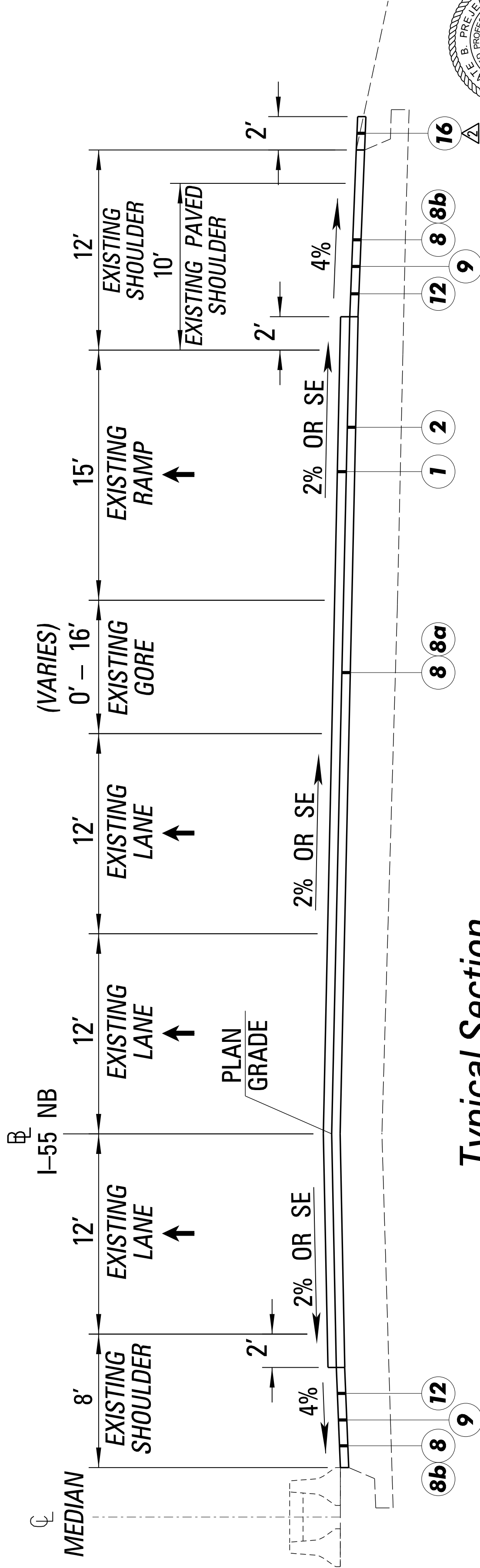
Typical Section

**I-55 NORTHBOUND – MILL & OVERLAY
B.O.P. (476 + 65.25) to STA. 488 + 13.69**



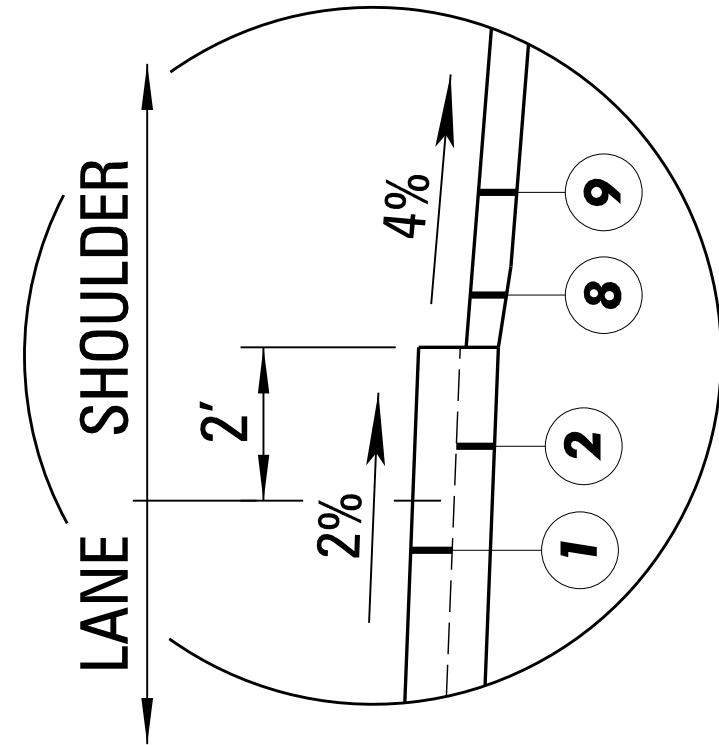
Typical Section

**I-55 NORTHBOUND ENTRANCE RAMP – MILL & OVERLAY
STA. 483+00 to STA. 488+13.69**



Typical Section

**I-55 NORTHBOUND – MILL & OVERLAY
STA. 488 + 13.69 to STA. 492 + 44.35**



**2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS**

Required Base and Pavement

- 1 1.00" OGFC (TRAVEL LANES) REQ'D.
- 2 1.50" SMA (9.5mm Mixture) (1@1.5') REQ'D.
- 3 2.50" SMA (12.5mm Mixture) (1@2.5') REQ'D.
- 4 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5') REQ'D.
- 5 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5') REQ'D.
- 6 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5') REQ'D.
- 7 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8 1.50" FINE MILLING REQ'D.
- 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE
LEVELING COURSE REQ'D.
- 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE
LEVELING COURSE REQ'D.
- 9 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5') REQ'D.
- 10 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5') REQ'D.
- 11 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5') REQ'D.
- 12 RUMBLE STRIPS, GROUND-IN REQ'D.
- 13 BORROW EXCAVATION, B9-6.
- 16 2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.

Typical Section Notes

- A** OGFC EXTENDS 100' ONTO RAMP. SEE SDPLR-1 FOR DETAILS.

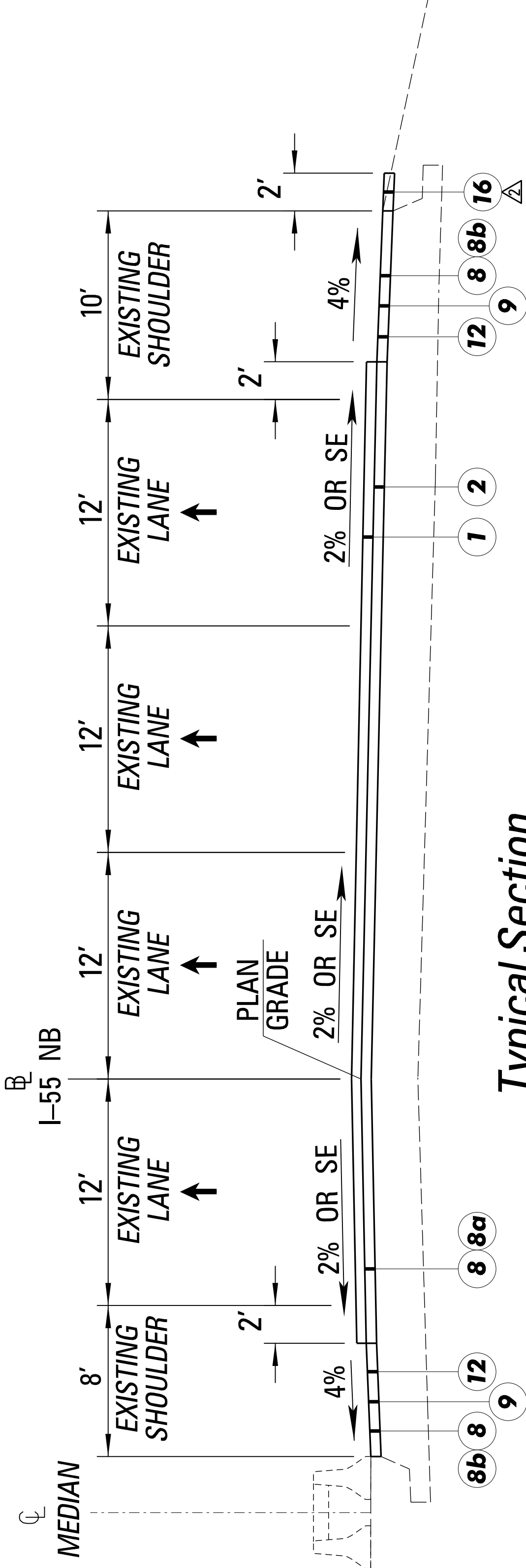
General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

DATA FOR PAVEMENT DETERMINATION		
(2020)	ADT =	122,000
(2030)	ADT =	147,000
(2040)	ADT =	174,000
DHV	=	17,000
D	=	55 % of DHV
T	=	9 % of DHV
T (total)	=	9
18K (Rigid)	=	1945 / 1000
18K (Flex)	=	1260 / 1000
Design CBR	=	5

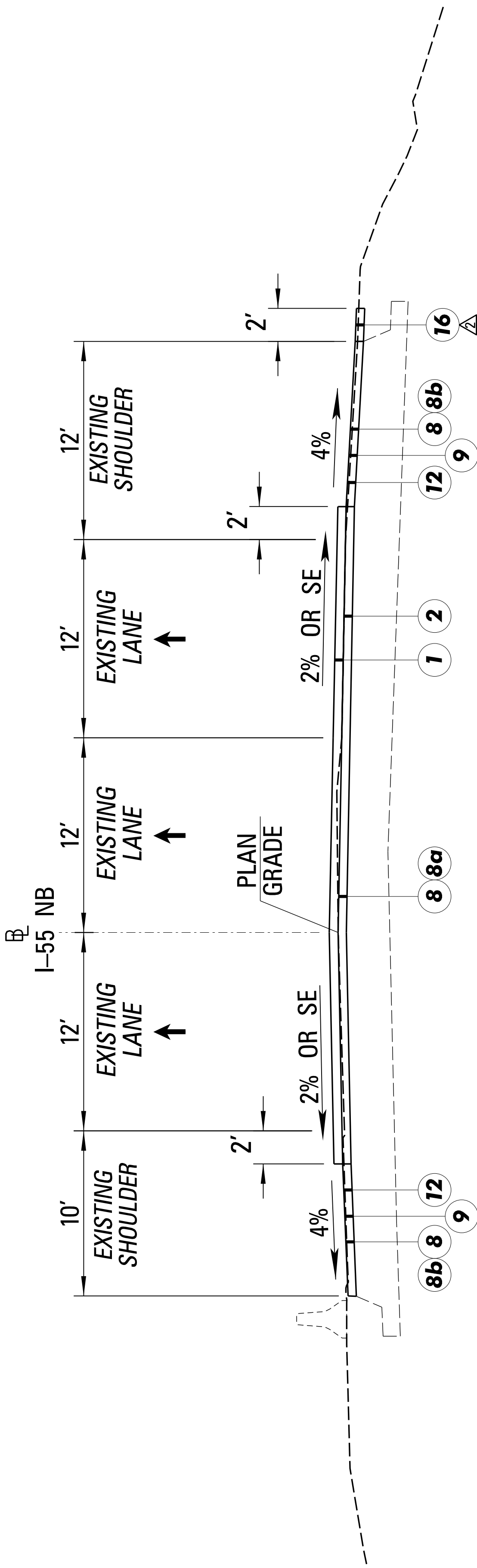
[illegible]

ADDENDUM



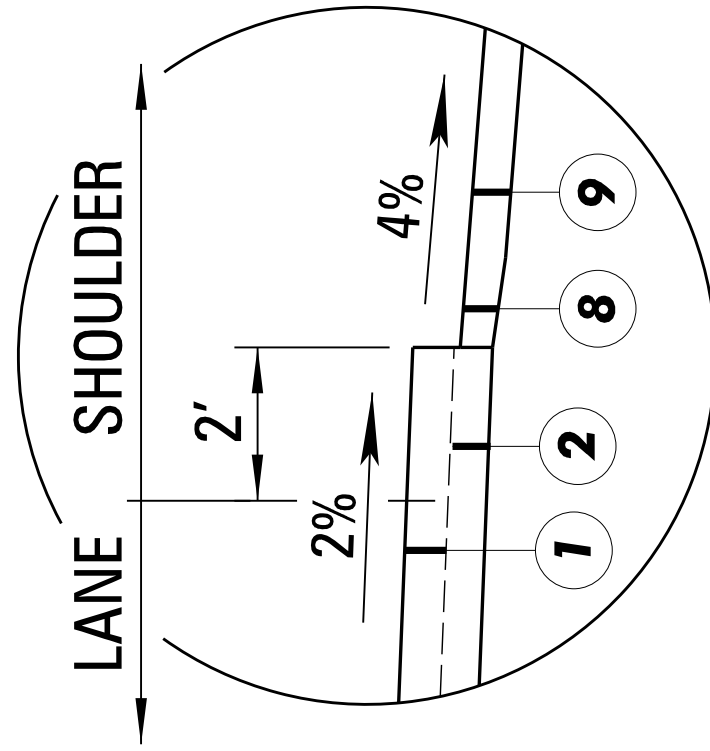
Typical Section

I-55 NORTHBOUND – MILL & OVERLAY
STA. 492 + 44.35 to STA. 494 + 73.37



Typical Section

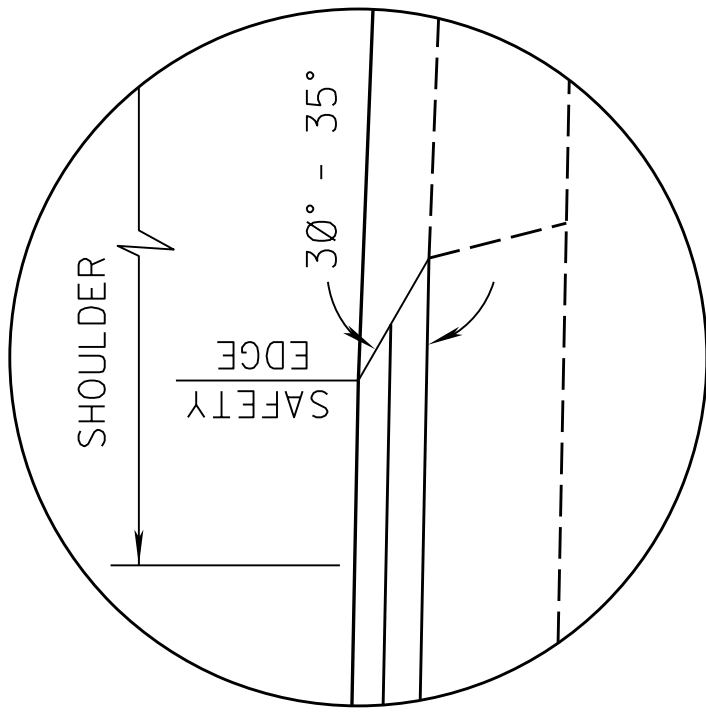
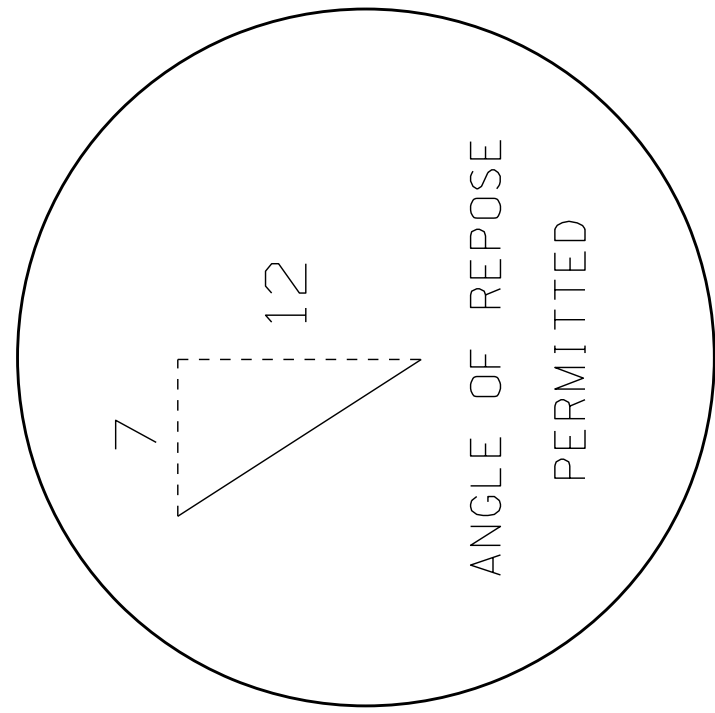
I-55 NORTHBOUND – MILL & OVERLAY
STA. 500 + 26.39 to STA. 501 + 00.00



2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS



STATE	PROJECT NO.
MISS.	NH-0055-02(248)



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

- 1.00" OGFC (TRAVEL LANES) REQ'D.
- 1.50" SMA (9.5mm Mixture) (1.5) REQ'D.
- 2.50" SMA (12.5mm Mixture) (1.5) REQ'D.
- 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1.5) REQ'D.
- 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1.5) REQ'D.
- 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1.5) REQ'D.
- 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 1.50" FINE MILLING REQ'D.
- 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1.5) REQ'D.
- 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2.5) REQ'D.
- 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2.5) REQ'D.
- RUMBLE STRIPS, GROUND-IN REQ'D.
- BORROW EXCAVATION, B9-6.

2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

INDICATES AREA TO BE TREATED IN ACCORDANCE
WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.

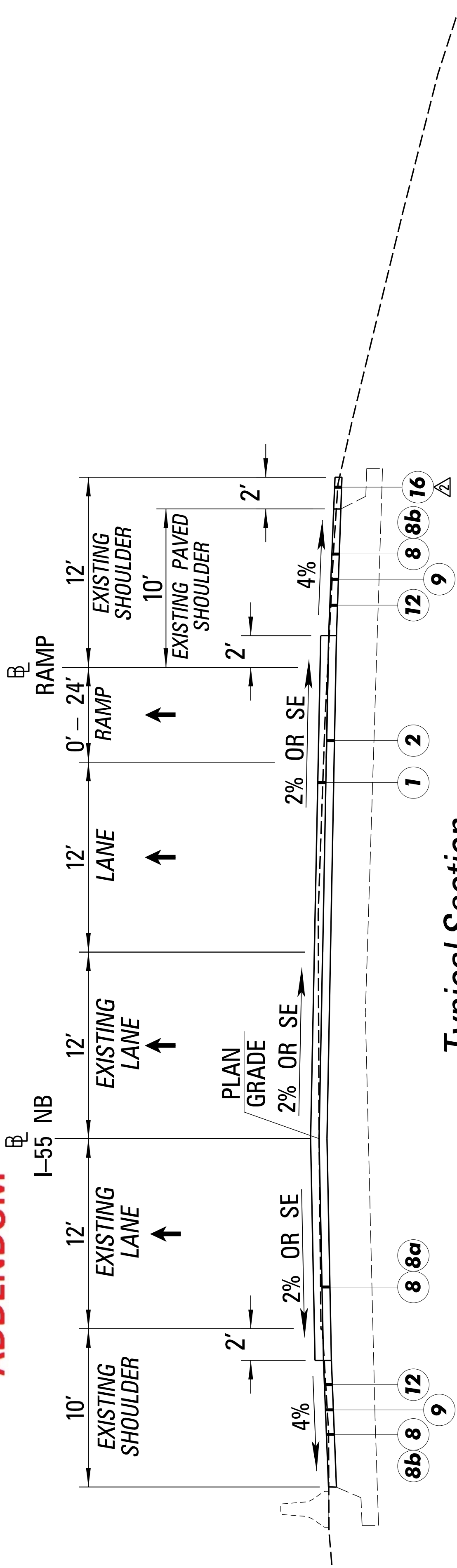
General Notes

- OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

NOT TO SCALE	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS	
I-55 NORTHBOUND STA. 492+44.35 TO STA. 501+00	
COUNTY: MADISON PROJ. NO.: NH-0055-02(248)	
FILENAME: ts.sh.dgn	
DESIGN TEAM	HNTB
CHECKED	RLG
DATE	5/7/18
7-18	ADDED GRANULAR MATERIAL
6-18	ADDED NOTE FOR LEVELING HT MIX
BY	REVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS	
I-55 NORTHBOUND STA. 492+44.35 TO STA. 501+00	
COUNTY: MADISON PROJ. NO.: NH-0055-02(248)	
FILENAME: ts.sh.dgn	
DESIGN TEAM	HNTB
CHECKED	RLG
DATE	5/7/18
7-18	ADDED GRANULAR MATERIAL
6-18	ADDED NOTE FOR LEVELING HT MIX
BY	REVISION

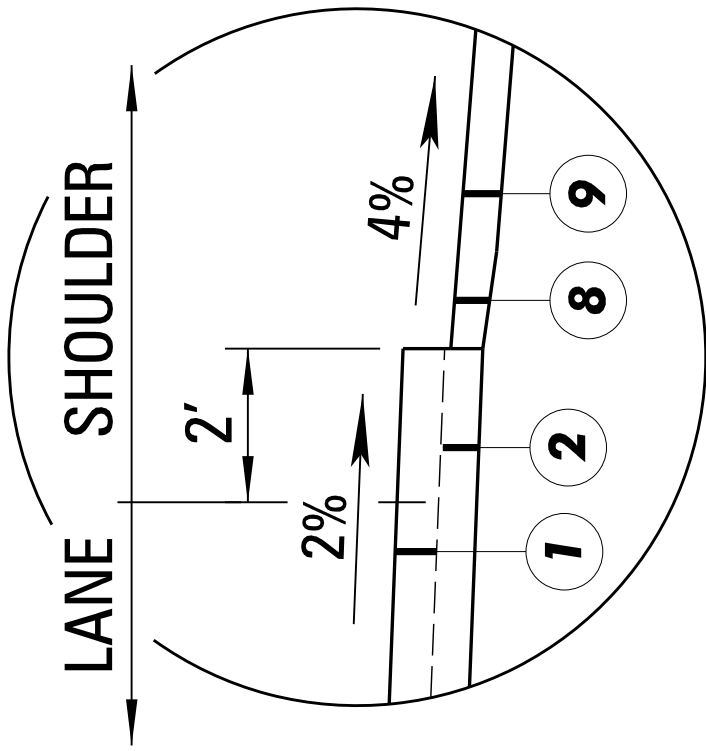
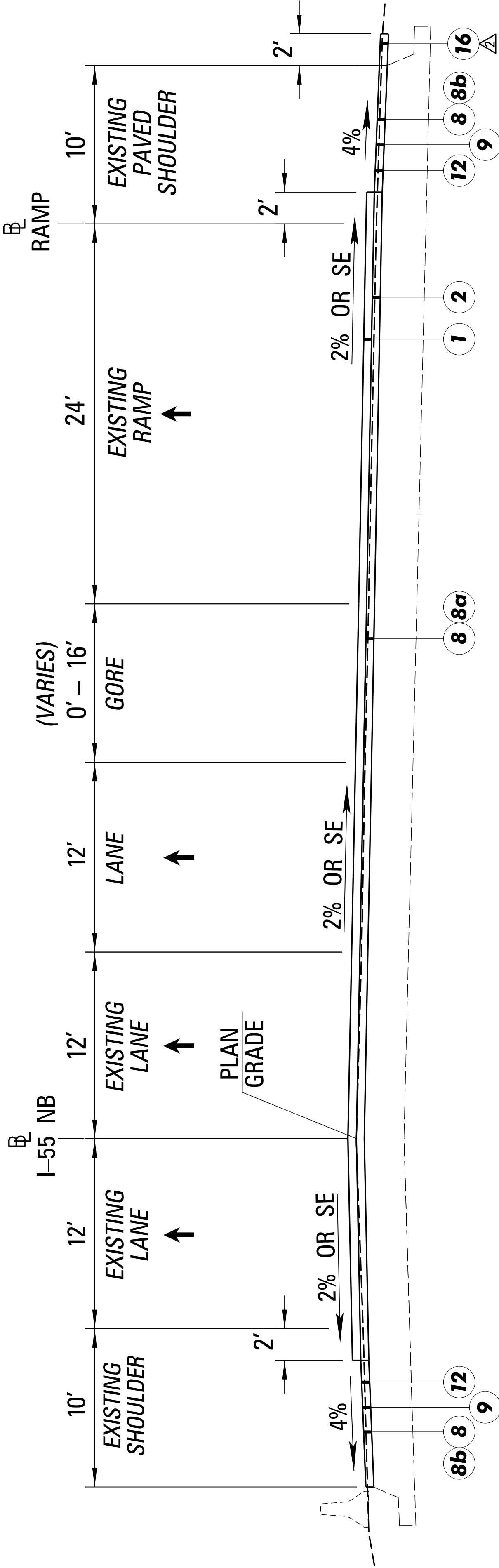
DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT	=	122,000
(2030)	ADT	=	147,000
(2040)	ADT	=	174,000
	DHV	=	17,000
	D	=	55
	T	=	9
T (total)		=	9
18K (Rigid)		=	1945
18K (Flex)		=	1260
Design CBR		=	5

MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS	
I-55 NORTHBOUND STA. 492+44.35 TO STA. 501+00	
COUNTY: MADISON PROJ. NO.: NH-0055-02(248)	
FILENAME: ts.sh.dgn	
DESIGN TEAM	HNTB
CHECKED	RLG
DATE	5/7/18
7-18	ADDED GRANULAR MATERIAL
6-18	ADDED NOTE FOR LEVELING HT MIX
BY	REVISION



Typical Section

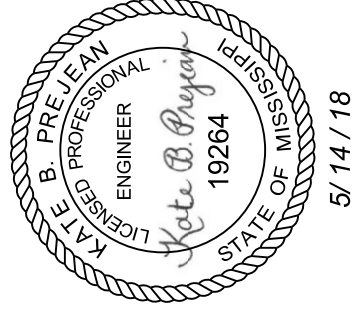
I-55 NORTHBOUND – MILL & OVERLAY
STA. 501 + 00.00 to STA. 507 + 38.14



2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS

Typical Section

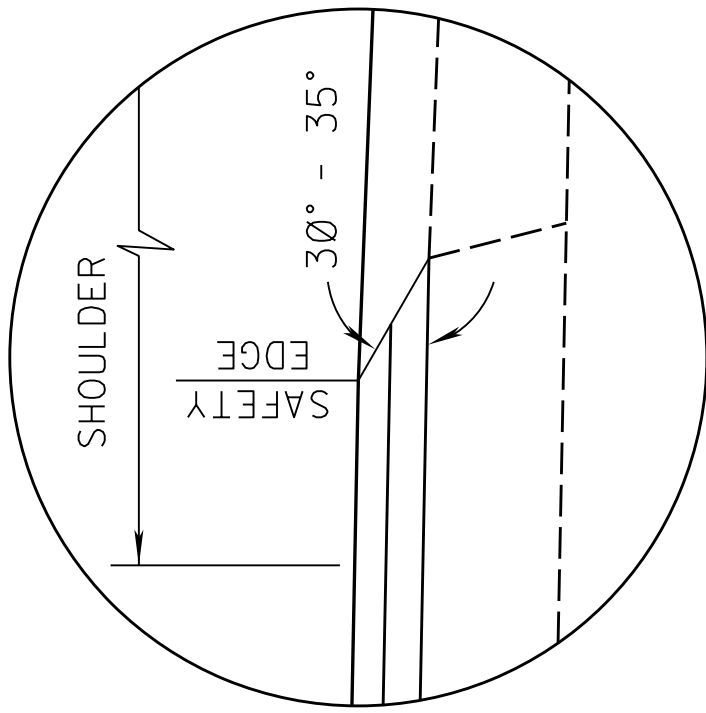
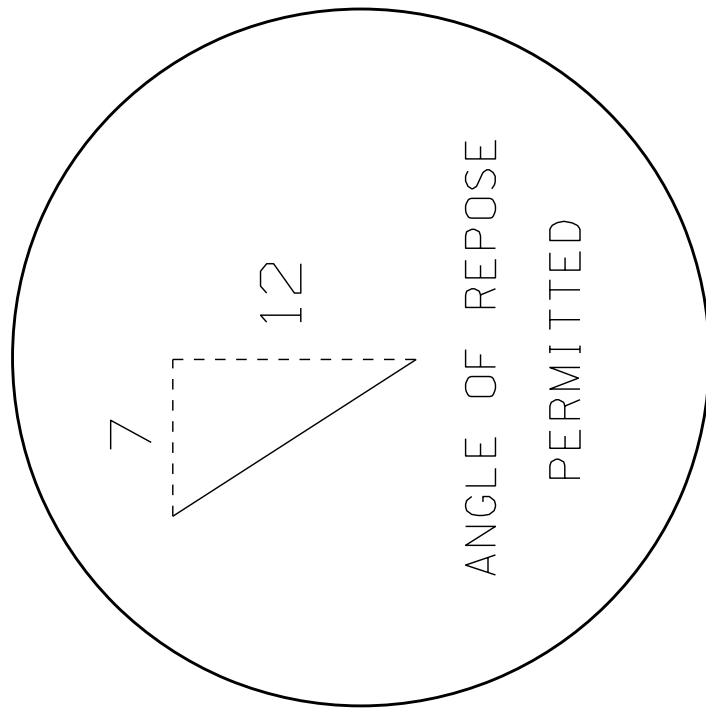
I-55 NORTHBOUND – MILL & OVERLAY
STA. 507 + 38.14 to STA. 509 + 21.20



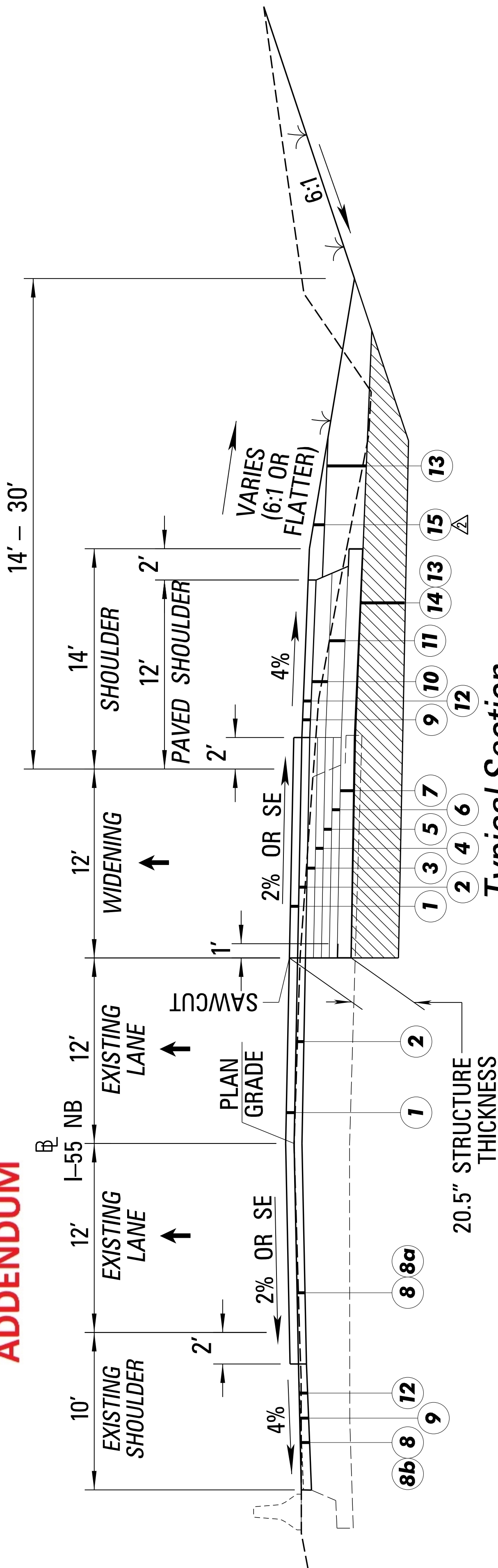
Required Base and Pavement

- 1 1.00" OGFC (TRAVEL LANES) REQ'D.
 - 2 1.50" SMA (9.5mm Mixture) (1@1.5") REQ'D.
 - 3 2.50" SMA (12.5mm Mixture) (1@2.5") REQ'D.
 - 4 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5") REQ'D.
 - 5 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5") REQ'D.
 - 6 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5") REQ'D.
 - 7 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
 - 8 1.50" FINE MILLING REQ'D.
 - 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
 - 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
 - 9 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5") REQ'D.
 - 10 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5") REQ'D.
 - 11 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5") REQ'D.
 - 12 RUMBLE STRIPS, GROUND-IN REQ'D.
 - 13 BORROW EXCAVATION, B9-6.
 - 16 2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C
- INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.

SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

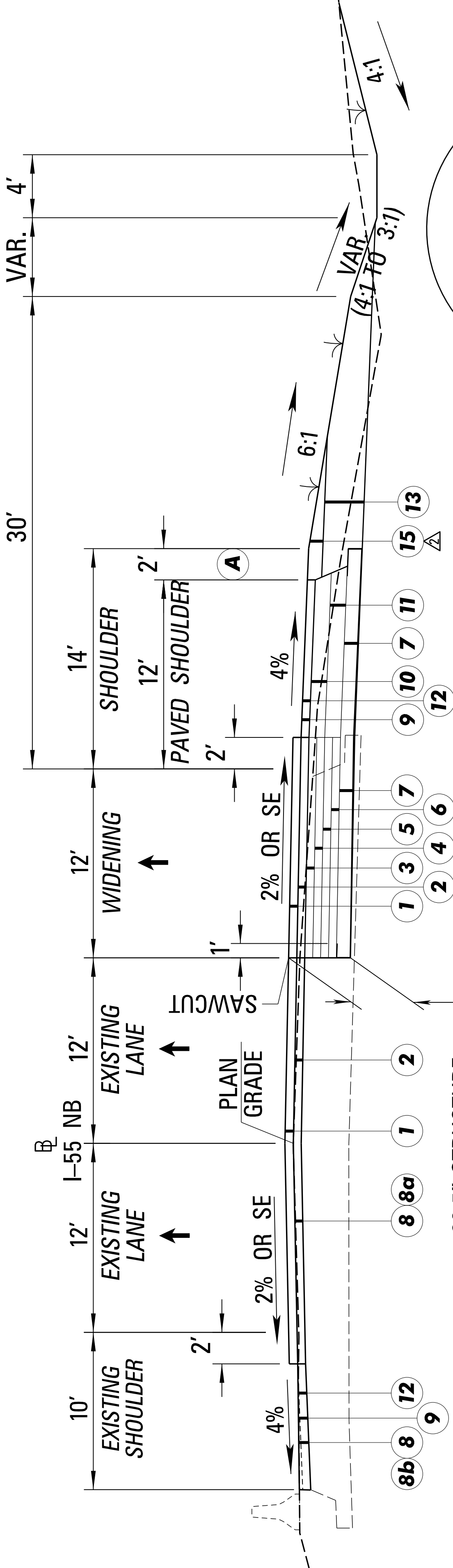


ADDENDUM



Typical Section

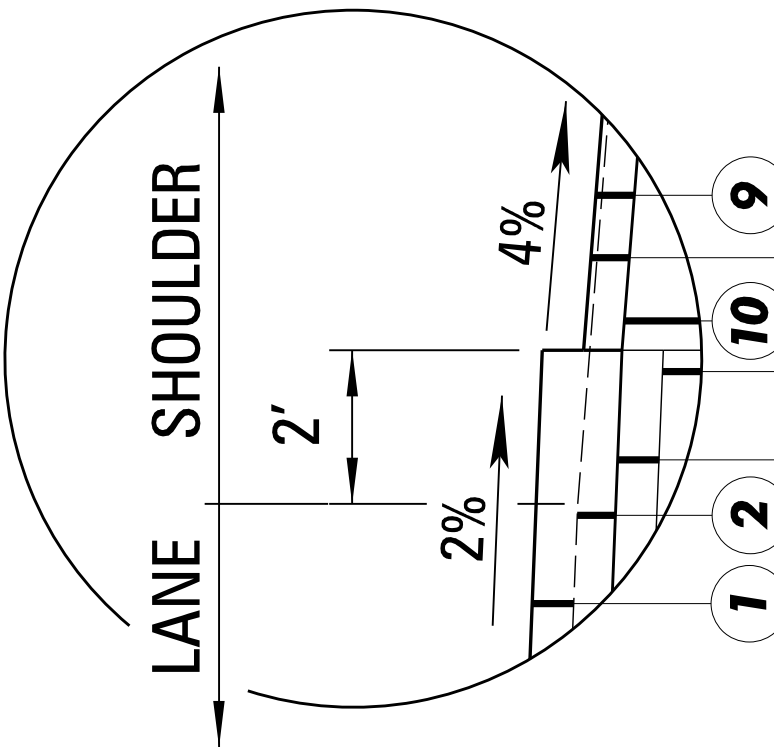
I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 509 + 21.20 to STA. 514 + 60.00
HIGH VOLUME CHANGE SOIL – EXISTS
(STA. 509 + 21.20 TO STA. 511 + 00.00)



Typical Section

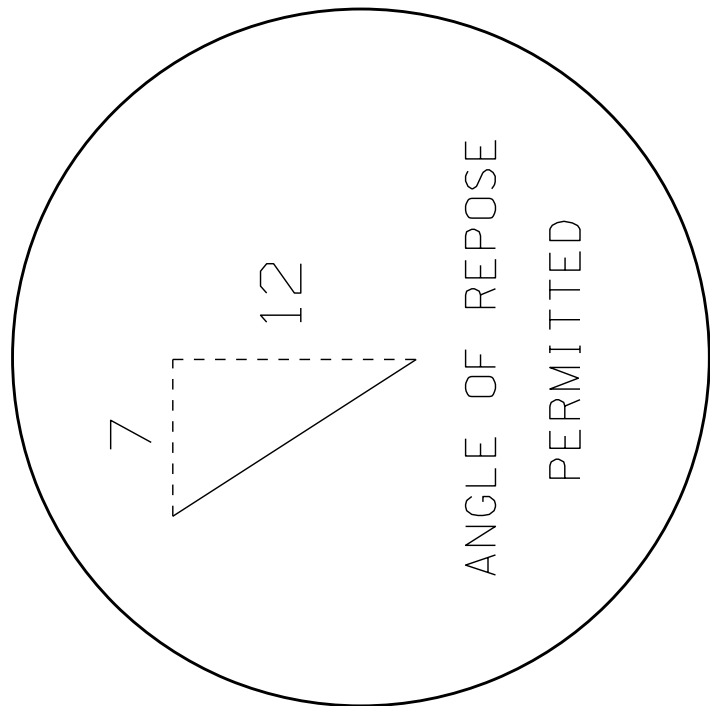
I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 514 + 60.00 to STA. 520 + 91.50

2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS

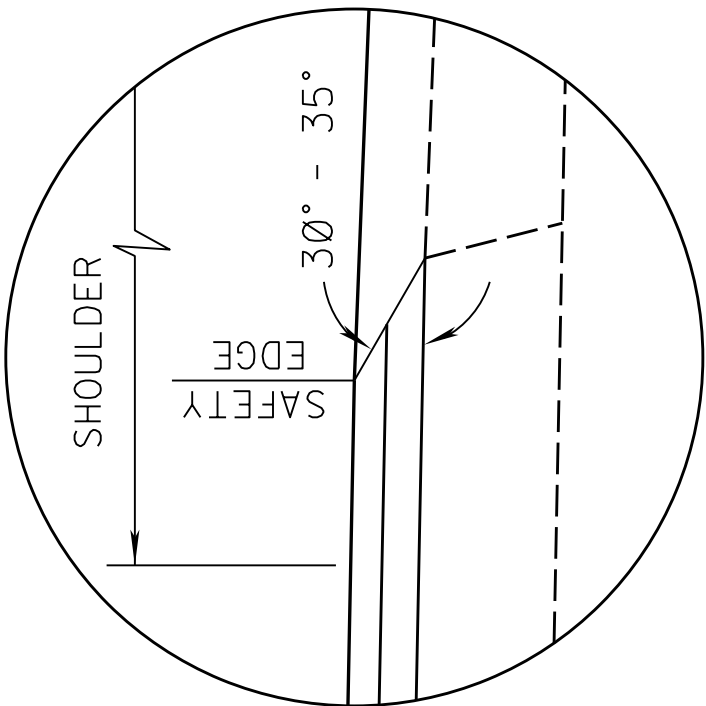


2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
WIDENING SECTIONS

STATE	PROJECT NO.
MISS.	NH-0055-02(248)



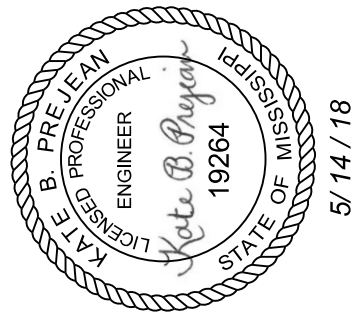
ANGLE OF REPOSE
PERMITTED



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

Typical Section Notes

- A INSTALL GUARDRAIL STA. 520+91.50 TO STA. 522+91.50 (SEE GR-4 AND GR-4B FOR TYPICAL INSTALLATION.)



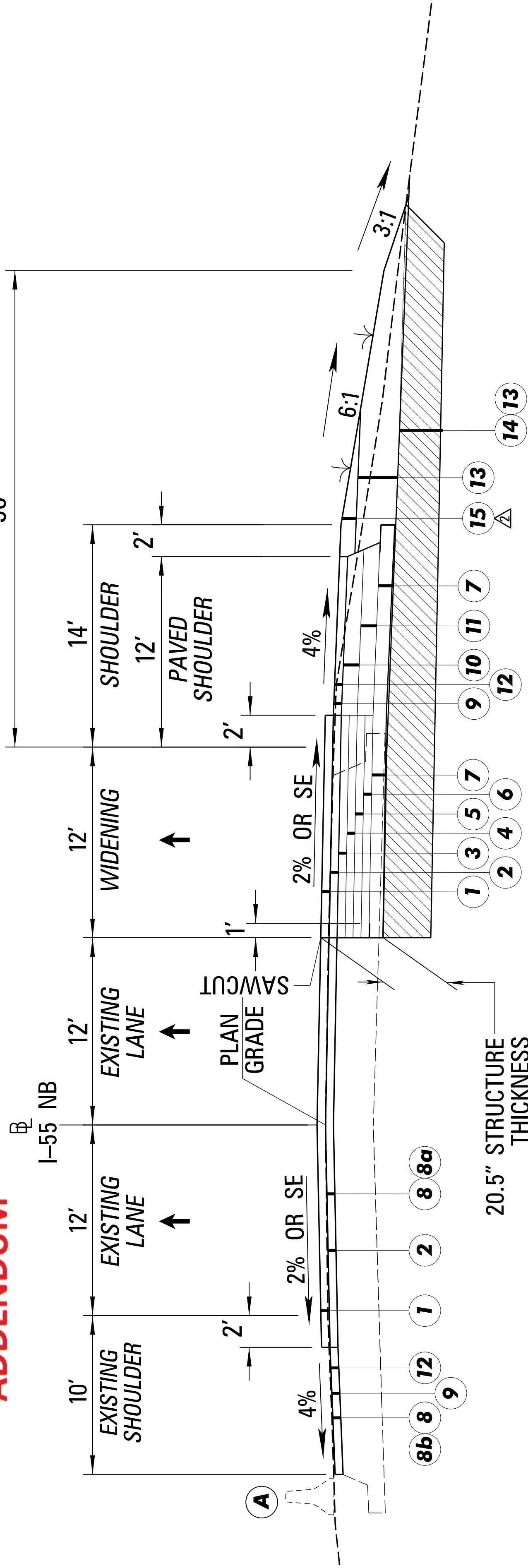
General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.



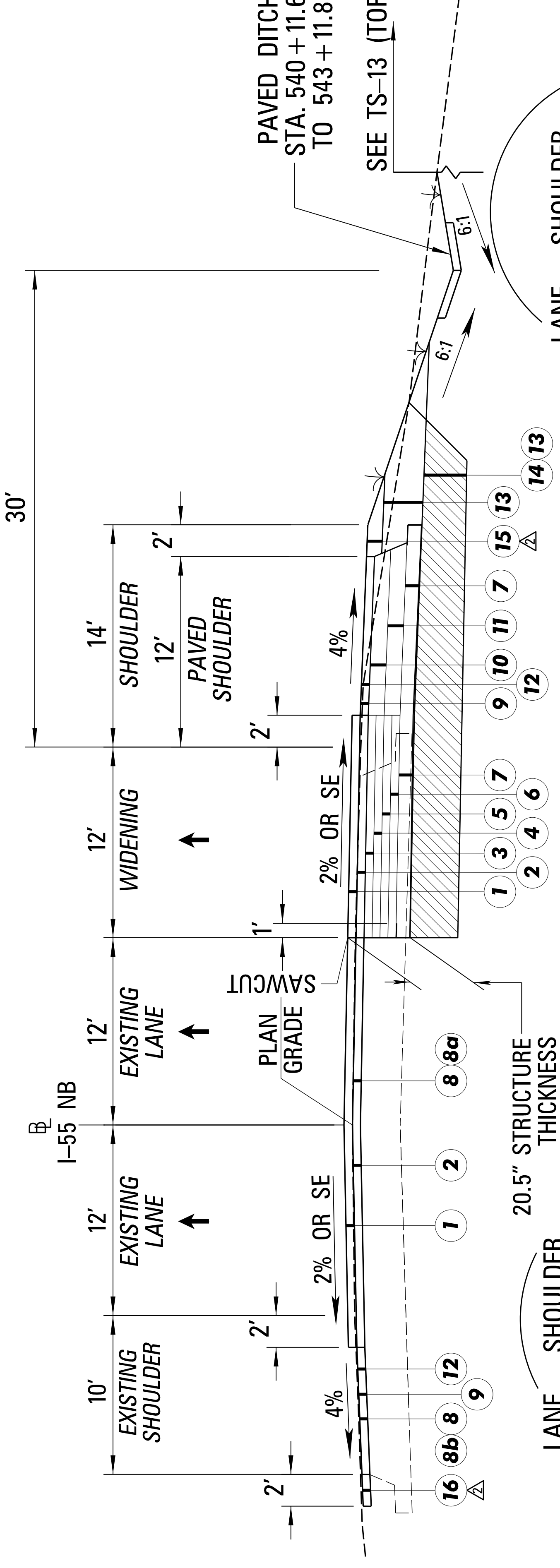
MISSISSIPPI DEPARTMENT OF TRANSPORTATION				NOT TO SCALE			
TYPICAL SECTIONS							
I-55 NORTHBOUND							
STA. 509+21.2 TO STA. 520+91.5							
COUNTY: MADISON							
PROJ. NO.: NH-0055-02(248)				WORKING NUMBER TS-4			
FILENAME: TS_SH.dgn				SHEET NUMBER 10			
DATE	DESIGN TEAM	HNTB	CHECKED	RLG	DATE		
6-15-18					5/7/18		
7-13-18							
ADDED GRANULAR MATERIAL							
ADDED NOTE FOR LEVELING HT MIX							
KBP	KBP	REVISION					

ADDENDUM



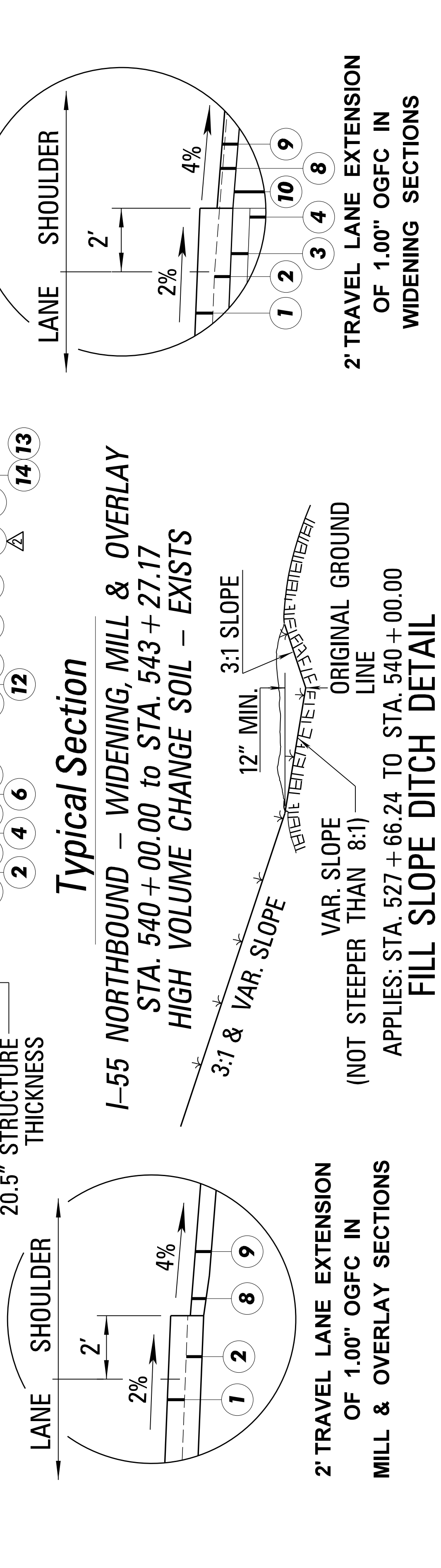
Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 528 + 00.47 to STA. 540 + 00.00
HIGH VOLUME CHANGE SOIL – EXISTS



Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 540 + 00.00 to STA. 543 + 27.17
HIGH VOLUME CHANGE SOIL – EXISTS



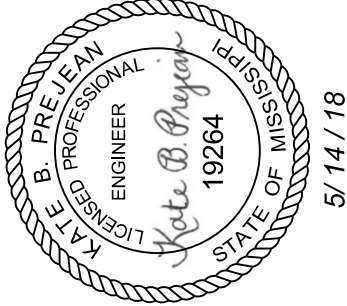
Required Base and Pavement

- 1 1.00" OGFC (TRAVEL LANES) REQ'D.
- 2 1.50" SMA (9.5mm Mixture) (1@1.5") REQ'D.
- 3 2.50" SMA (12.5mm Mixture) (1@2.5") REQ'D.
- 4 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5") REQ'D.
- 5 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5") REQ'D.
- 6 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5") REQ'D.
- 7 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8 1.50" FINE MILLING REQ'D.
- 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 9 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5") REQ'D.
- 10 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5") REQ'D.
- 11 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5") REQ'D.
- 12 RUMBLE STRIPS, GROUND-IN REQ'D.
- 13 BORROW EXCAVATION, B9-6.
- 14 3.00' HIGH VOLUME CHANGE SOIL EXCAVATION.
- 15 6" GRANULAR MATERIAL CLASS 5, GROUP C
- 16 2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

Typical Section Notes

- A EXISTING CONCRETE BARRIER - STA. 528+00.47 TO STA. 537+08.62
GUARDRAIL - STA. 537+08.62 TO STA. 539+05.91



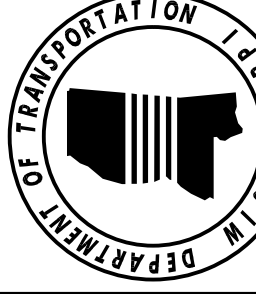
General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT =	122,000	Current
(2030)	ADT =	147,000	Design
(2040)	ADT =	174,000	Design
	DHV =	17,000	
	D	55	% of DHV
	T	9	% of DHV
	T (total)	9	% of DHV
	18K (Rigid)	1945	/ 1000
	18K (Flex)	1260	/ 1000
	Design CBR	5	

7-13-18	ADDED GRANULAR MATERIAL	KBP	KBP	REVISION
6-15-18	ADDED NOTE FOR LEVELING HT MIX	KBP	KBP	REVISION
DATE	BY			

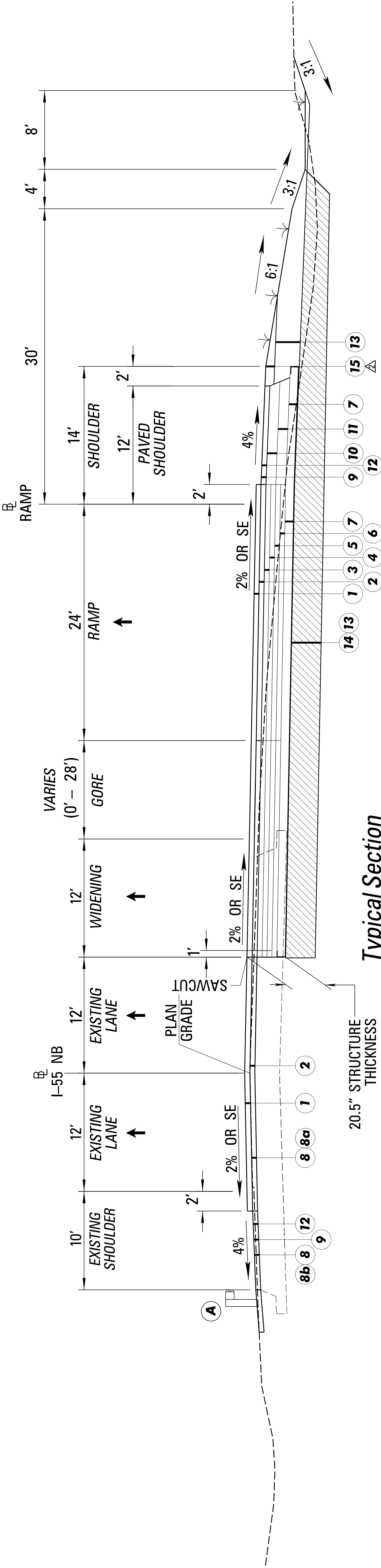
MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS			
I-55 NORTHBOUND			
STA. 528+00.47 TO STA. 543+27.17			
COUNTY: MADISON			
PROJ. NO.: NH-0055-02(248)			
FILENAME:			
DESIGN TEAM	HNTB	CHECKED	RLG
DATE	5/7/18		
WORKING NUMBER			TS-6
SHEET NUMBER			12



STATE	PROJECT NO.
MISS.	NH-0055-02(248)

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0055-02(248)



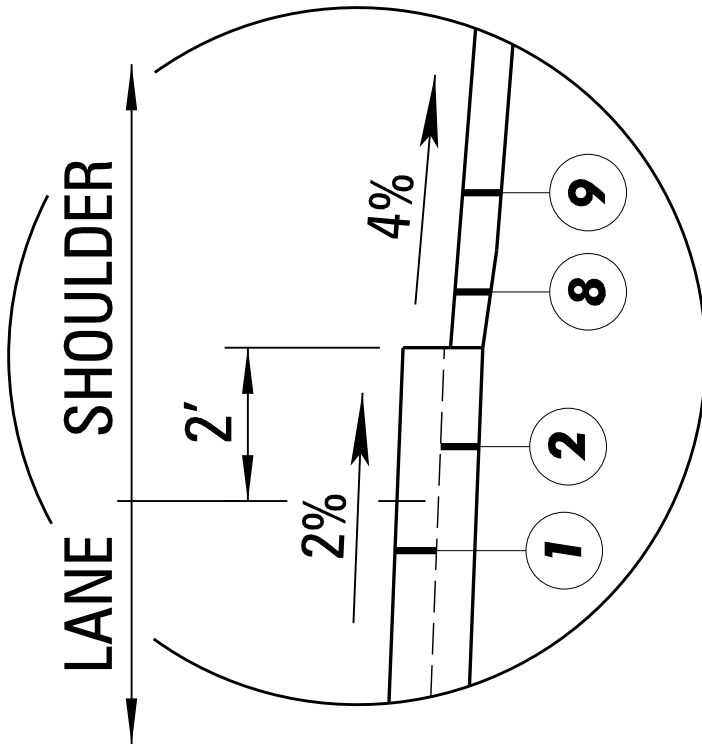
Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 543 + 27.17 to STA. 547 + 27.00
* HIGH VOLUME CHANGE SOIL – EXISTS

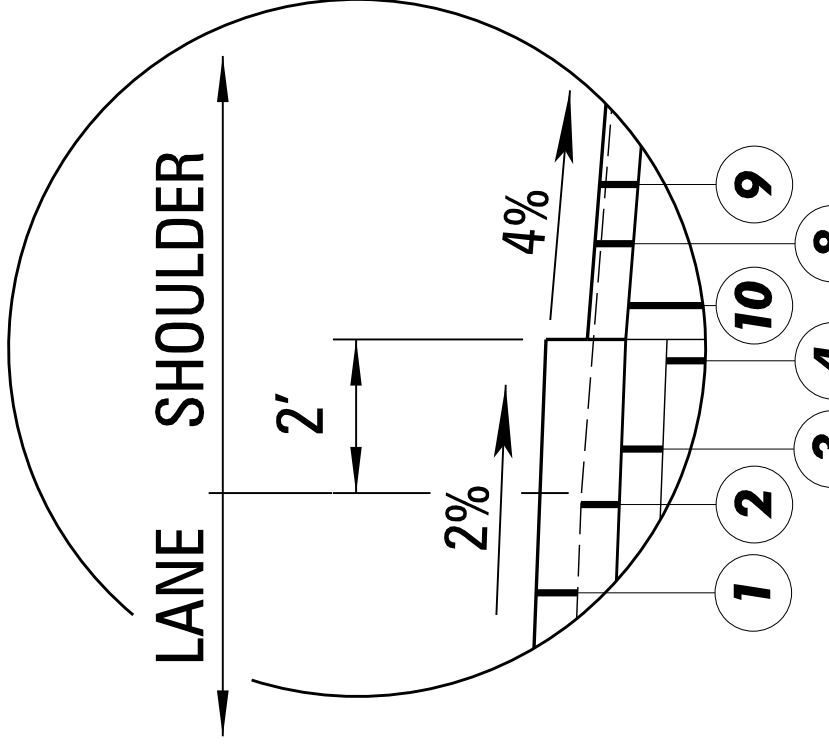
Required Base and Pavement

- 1 1.00" OGFC (TRAVEL LANES) REQ'D.
- 2 1.50" SMA (9.5mm Mixture) (1@1.5") REQ'D.
- 3 2.50" SMA (12.5mm Mixture) (1@2.5") REQ'D.
- 4 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5") REQ'D.
- 5 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5") REQ'D.
- 6 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5") REQ'D.
- 7 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8 1.50" FINE MILLING REQ'D.
- 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 9 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5") REQ'D.
- 10 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5") REQ'D.
- 11 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5") REQ'D.
- 12 RUMBLE STRIPS, GROUND-IN REQ'D.
- 13 BORROW EXCAVATION, B9-6 REQ'D.
- 14 3.00' HIGH VOLUME CHANGE SOIL EXCAVATION.
- 15 6" GRANULAR MATERIAL CLASS 5, GROUP C

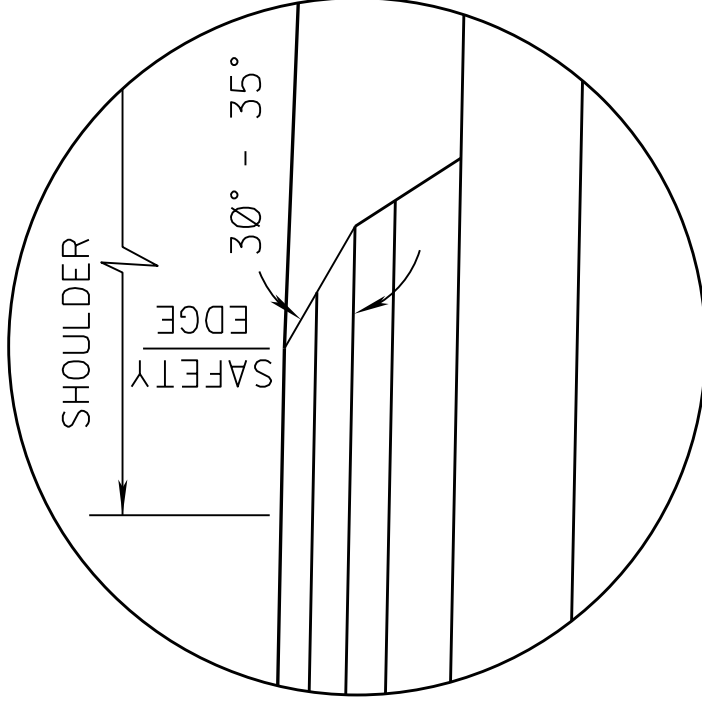
INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.



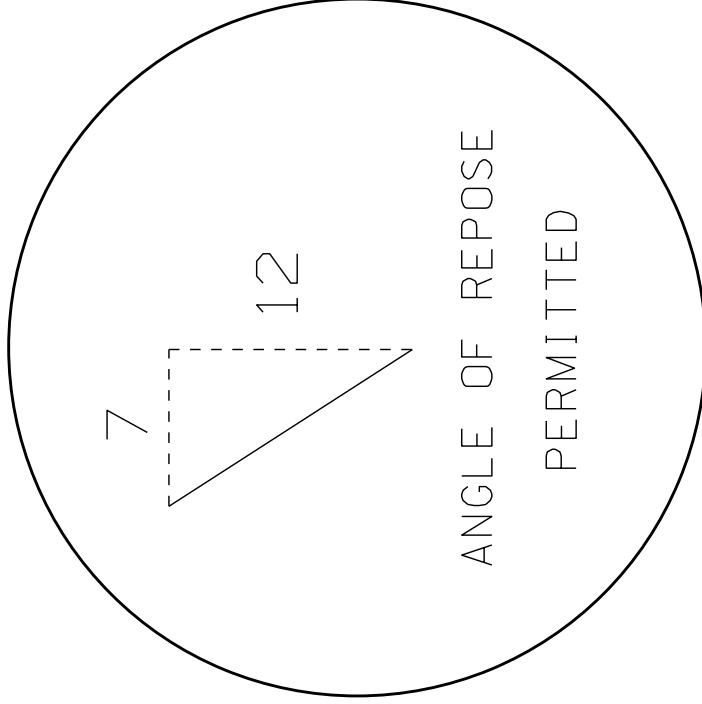
2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS



2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
WIDENING SECTIONS



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)



Typical Section Notes

- A INSTALL GUARDRAIL STA. 546+38.06 TO STA. 548+50.56. (SEE GR-4B FOR TYPICAL INSTALLATION)

General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * HVCS ENDS AT STA. 547+00.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED, SEE RS-3 FOR DETAILS.



DATA FOR PAVEMENT DETERMINATION			
(2020) ADT	=	122,000	Current
(2030) ADT	=	147,000	Design
(2040) ADT	=	174,000	
DHV	=	17.000	
D	=	55	% of DHV
T	=	9	% of DHV
T (total)	=	9	% of DHV
18K (Rigid)	=	1945	/ 1000
18K (Flex)	=	1260	/ 1000
Design CBR	=	5	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
I-55 NORTHBOUND
STA. 543+27.17 TO STA. 547+27

COUNTY: MADISON
PROJ. NO.: NH-0055-02(248)

FILENAME: ts_sh.dgn
DESIGN TEAM: HNTB
CHECKED: RLG
DATE: 5/7/18

NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
I-55 NORTHBOUND
STA. 543+27.17 TO STA. 547+27

COUNTY: MADISON
PROJ. NO.: NH-0055-02(248)

FILENAME: ts_sh.dgn
DESIGN TEAM: HNTB
CHECKED: RLG
DATE: 5/7/18

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
I-55 NORTHBOUND
STA. 543+27.17 TO STA. 547+27

COUNTY: MADISON
PROJ. NO.: NH-0055-02(248)

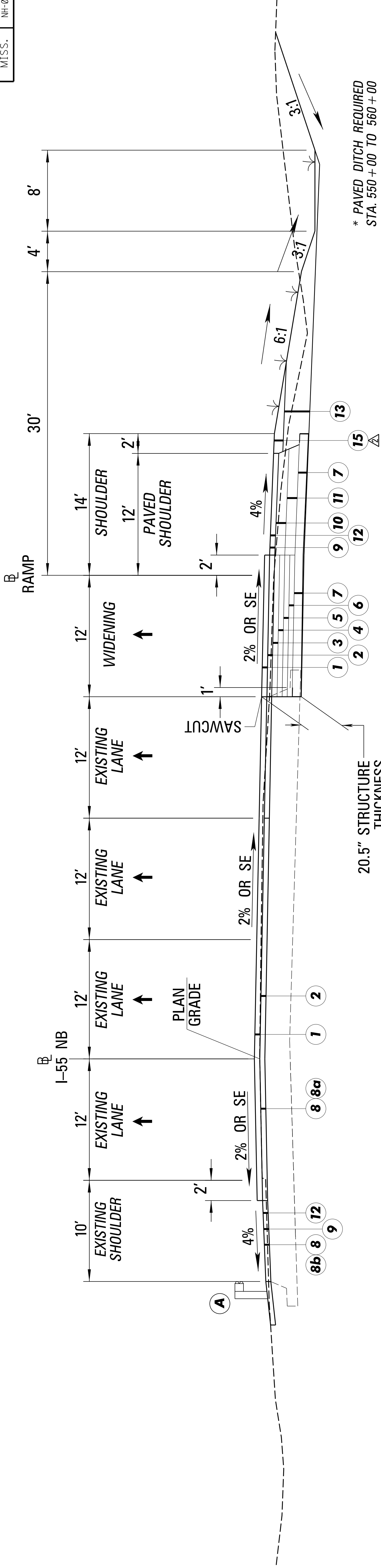
FILENAME: ts_sh.dgn
DESIGN TEAM: HNTB
CHECKED: RLG
DATE: 5/7/18

WORKING NUMBER TS-7
SHEET NUMBER 13

ADDENDUM

STATE	PROJECT NO.
MISS.	NH-0055-02(248)

FMS COM:102315- 302000



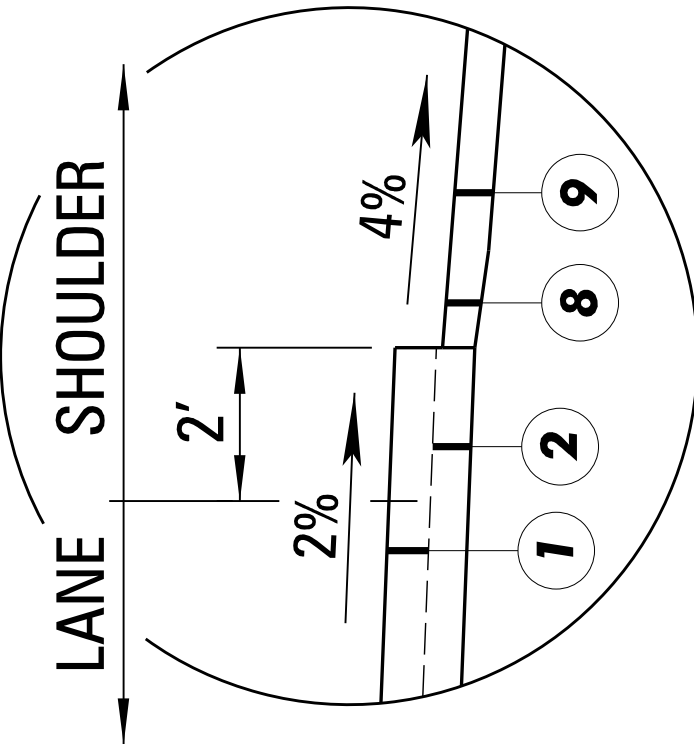
Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY
STA. 547 + 27.00 to STA. 554 + 00.00

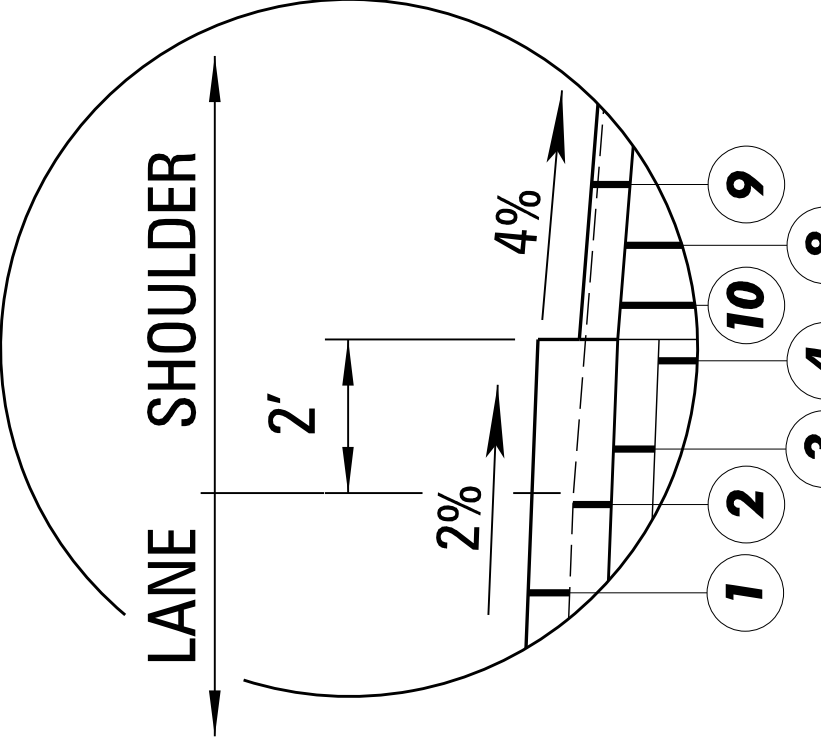
Required Base and Pavement

- 1 1.00" OGFC (TRAVEL LANES) REQ'D.
- 2 1.50" SMA (9.5mm Mixture) (1@1.5') REQ'D.
- 3 2.50" SMA (12.5mm Mixture) (1@2.5') REQ'D.
- 4 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5') REQ'D.
- 5 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5') REQ'D.
- 6 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5') REQ'D.
- 7 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8 1.50" FINE MILLING REQ'D.
- 8a ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 8b ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 9 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5') REQ'D.
- 10 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5') REQ'D.
- 11 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5') REQ'D.
- 12 RUMBLE STRIPS, GROUND-IN REQ'D.
- 13 BORROW EXCAVATION, B9-6 REQ'D.
- 15 6" GRANULAR MATERIAL CLASS 5, GROUP C

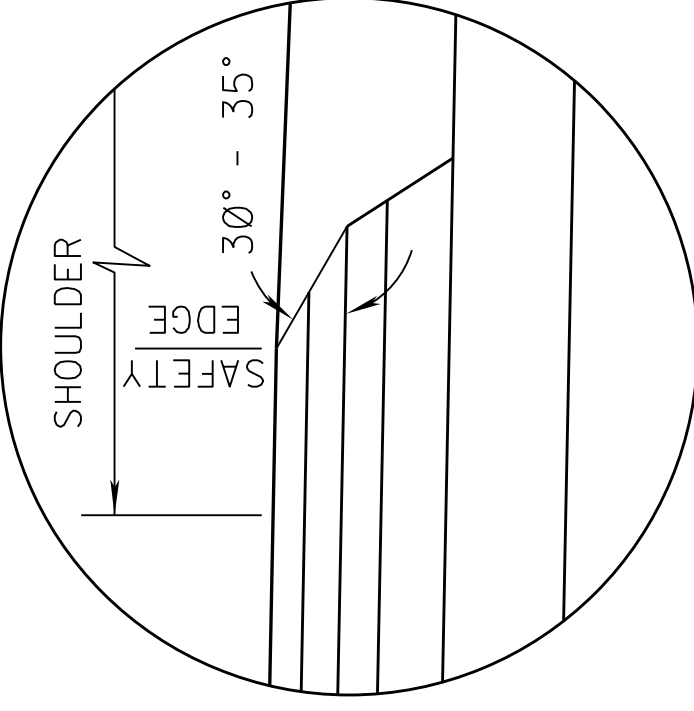
INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.



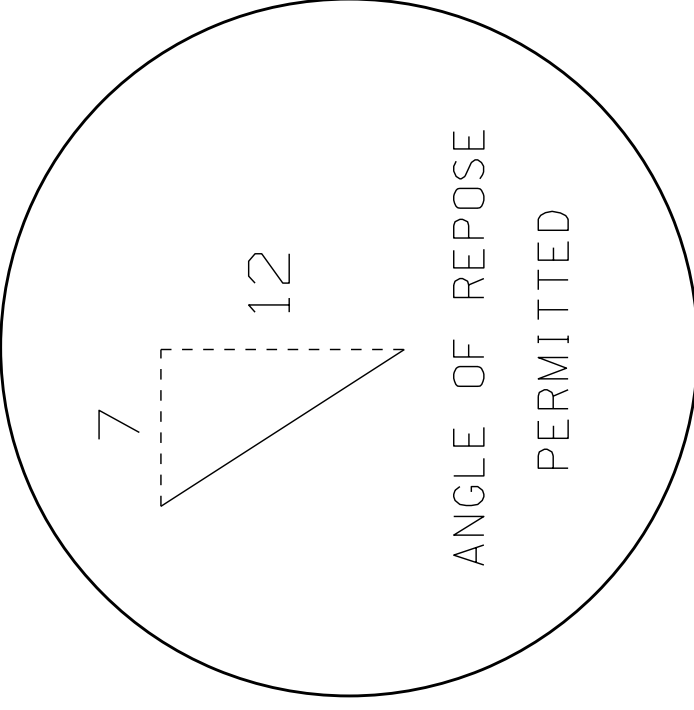
2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS



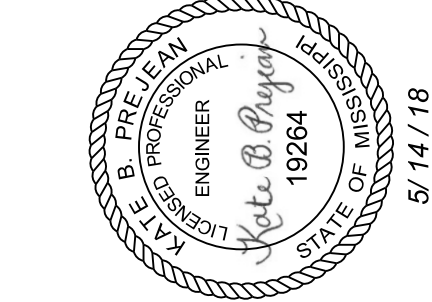
2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
WIDENING SECTIONS



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)



7/12/2018 11:20 PM TS-SH.DGN



- A INSTALL GUARDRAIL STA. 546+38.06 TO STA. 548+50.56.
(SEE GR-4B FOR TYPICAL INSTALLATION)

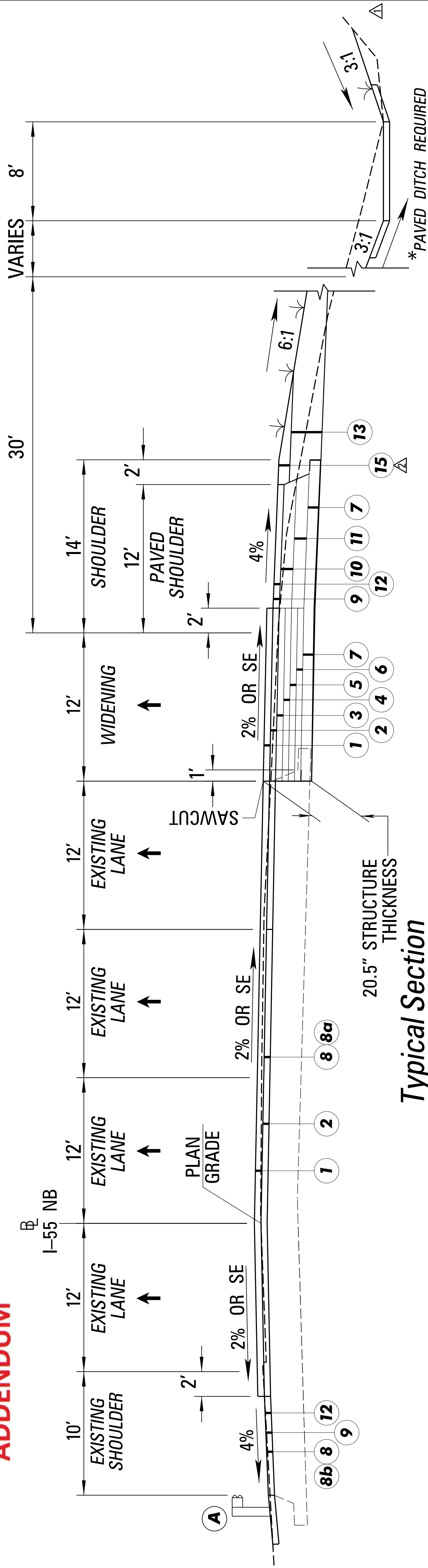
Typical Section Notes

General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS	TYPICAL SECTIONS
I-55 NORTHBOUND	I-55 NORTHBOUND
STA. 547+27 TO STA. 554+00	STA. 547+27 TO STA. 554+00
COUNTY: MADISON	COUNTY: MADISON
PROJ. NO.: NH-0055-02(248)	PROJ. NO.: NH-0055-02(248)
FILENAME: ts_sh.dgn	FILENAME: ts_sh.dgn
DESIGN TEAM	DESIGN TEAM
HNTB	HNTB
CHECKED	CHECKED
RLG	RLG
DATE	DATE
5/7/18	5/7/18
WORKING NUMBER	WORKING NUMBER
TS-8	TS-8
SHEET NUMBER	SHEET NUMBER
14	14

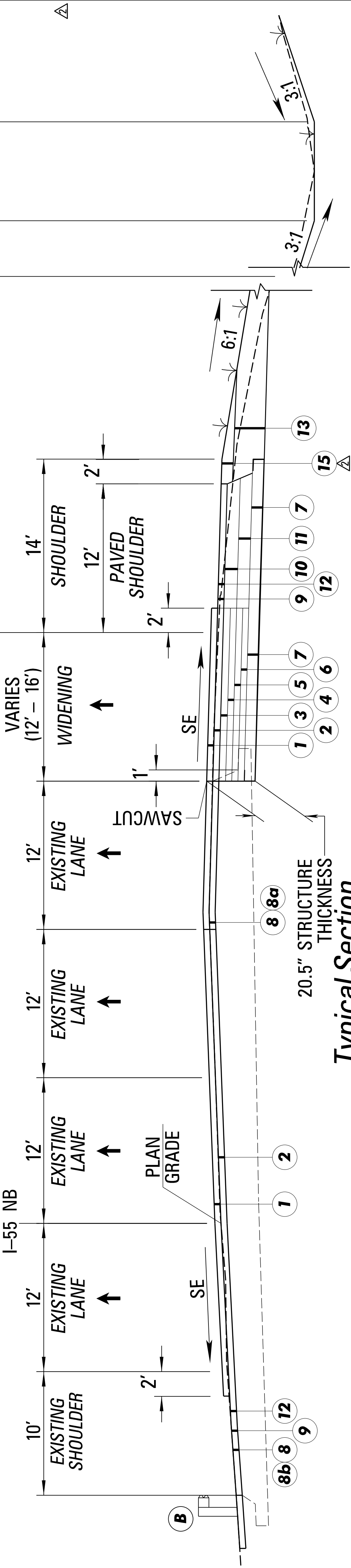
DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT	=	122,000
(2030)	ADT	=	147,000
(2040)	ADT	=	174,000
	DHV	=	17,000
	D	=	55
	T	=	9
	% of DHV	=	9
	% of DHV	=	9
	18K (Rigid)	=	1945
	18K (Flex)	=	1260
	Design CBR	=	5



Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY

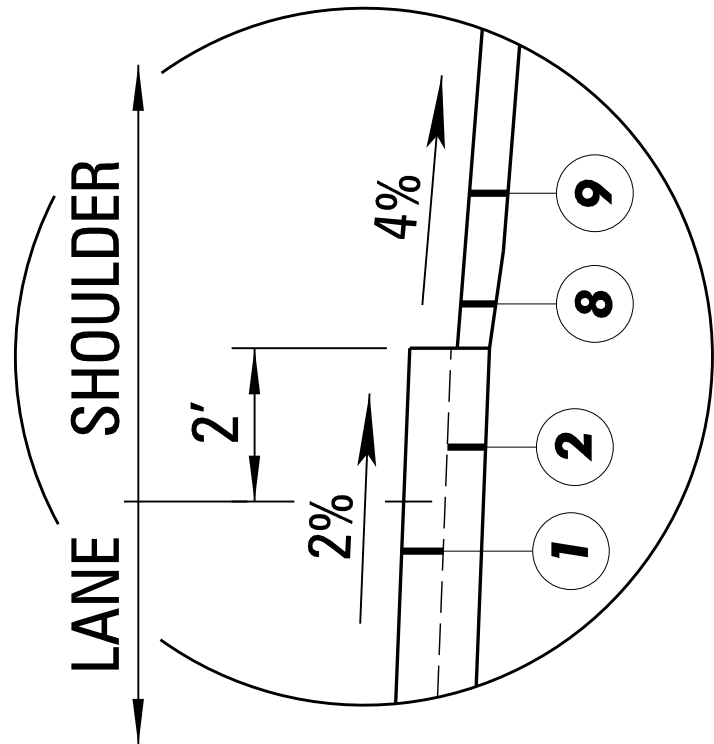
STA. 554 + 00.00 to STA. 562 + 31.66



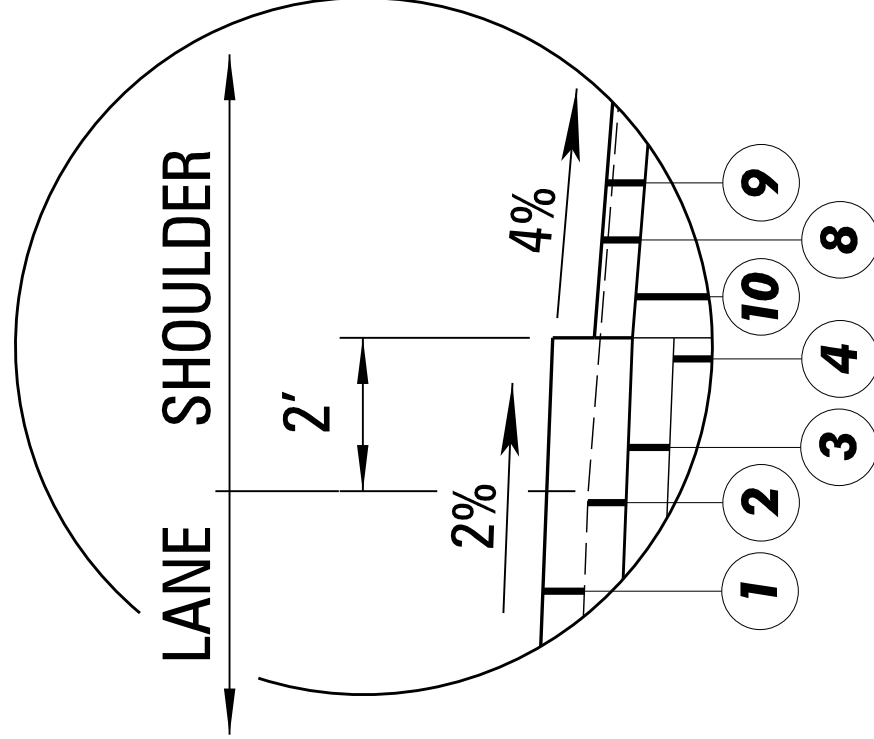
Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY

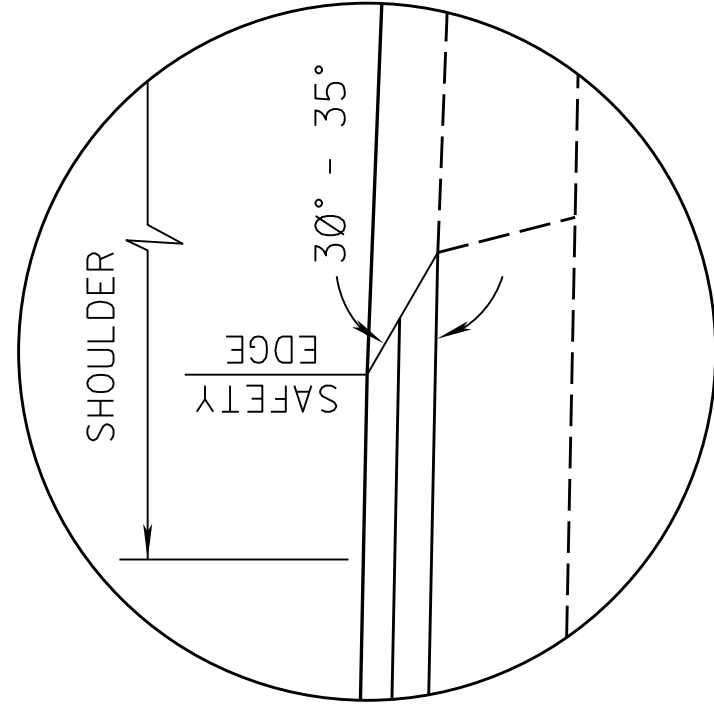
STA. 562 + 31.66 to STA. 564 + 81.90



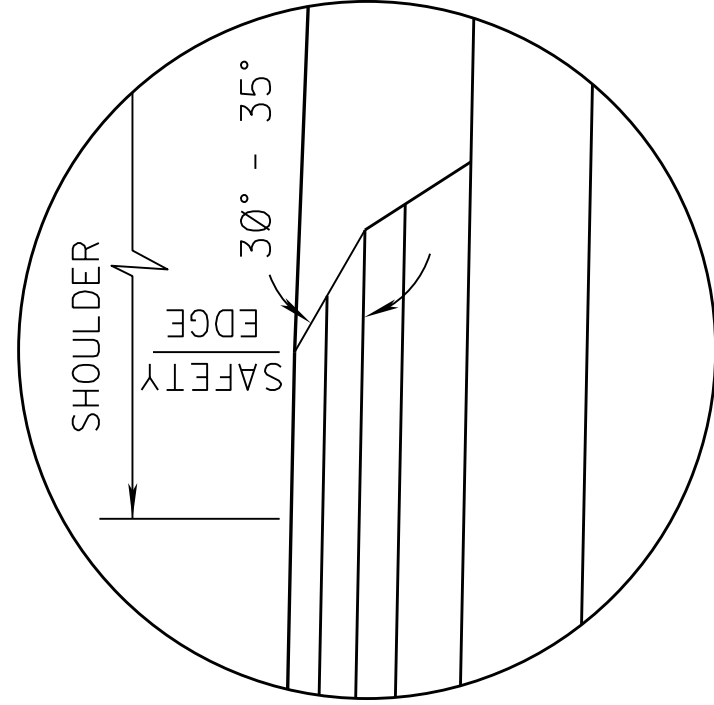
2' TRAVEL LANE
EXTENSION OF
1.00" OGFC IN
MILL & OVERLAY
SECTIONS



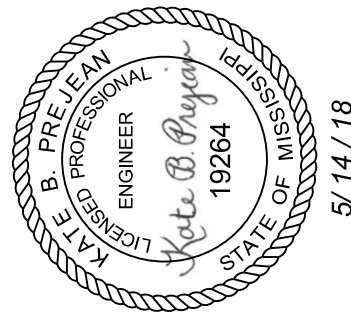
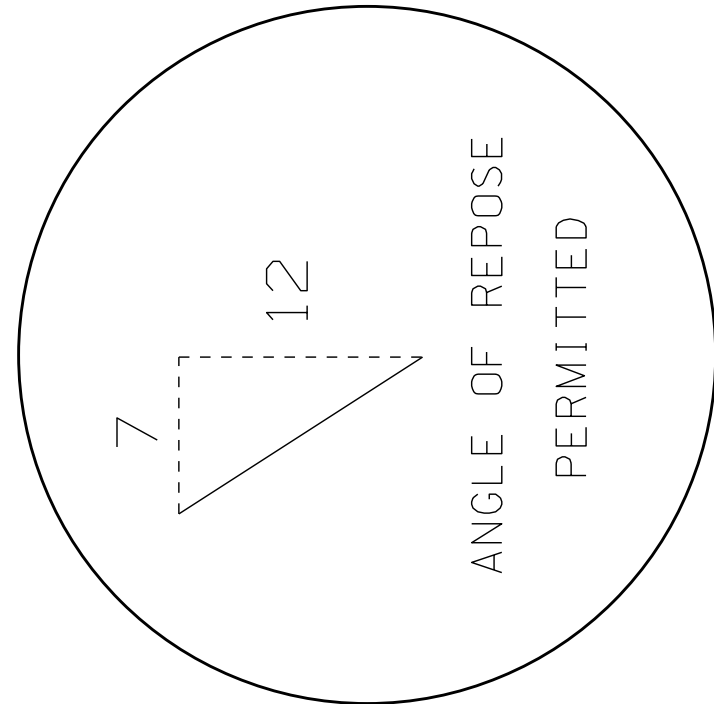
2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
WIDENING SECTIONS



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY



SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)



General Notes

- OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

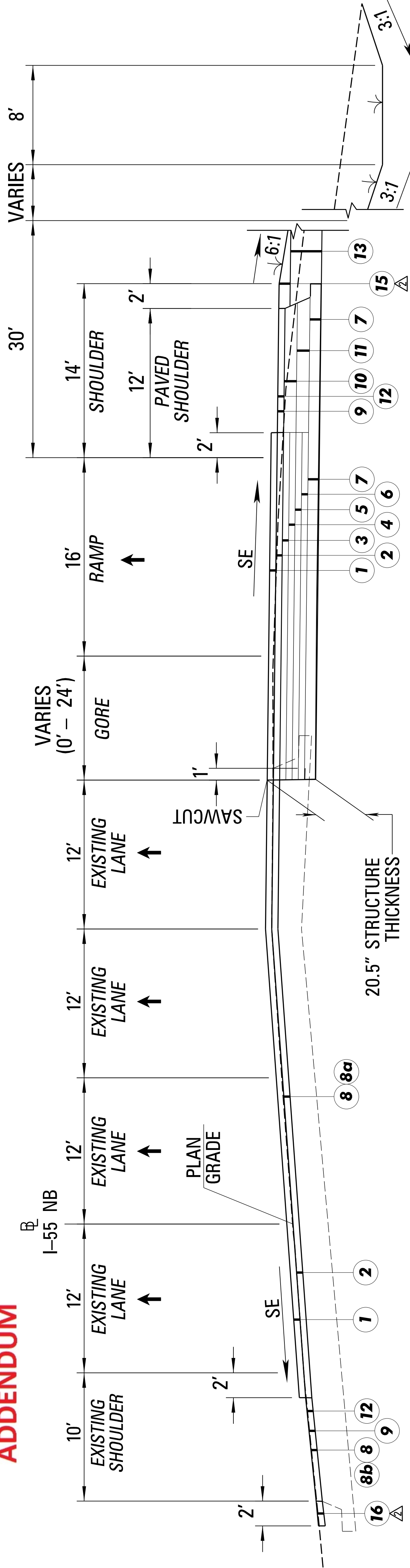
DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT	=	122,000
(2030)	ADT	=	147,000
(2040)	ADT	=	174,000
	DHV	=	17,000
	T	=	55
	% of DHV	=	9
	% of DHV	=	9
	18K (Rigid)	=	1945
	18K (Flex)	=	1260
	Design CBR	=	5

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
TYPICAL SECTIONS			
I-55 NORTHBOUND			
STA. 554+00 TO STA. 564+81.90			
COUNTY: MADISON			
PROJ. NO.: NH-0055-02(248)			
7-13-18	DATE	FILENAME: ts.sh.dgn	SHEET NUMBER
6-15-18	DATE	DESIGN TEAM	15
KRP	BY	HNTB	CHECKED
KRP	REVISION	RLG	DATE
ADDED NOTE FOR LEVELING HT MIX			
ADDED GRANULAR MATERIAL			
WORKING NUMBER			
TS-9			
DEPARTMENT OF TRANSPORTATION			

Typical Section Notes

- GUARDRAIL - STA. 556+45.20 TO STA. 559+57.70
- GUARDRAIL - STA. 561+39.48 TO STA. 563+51.98

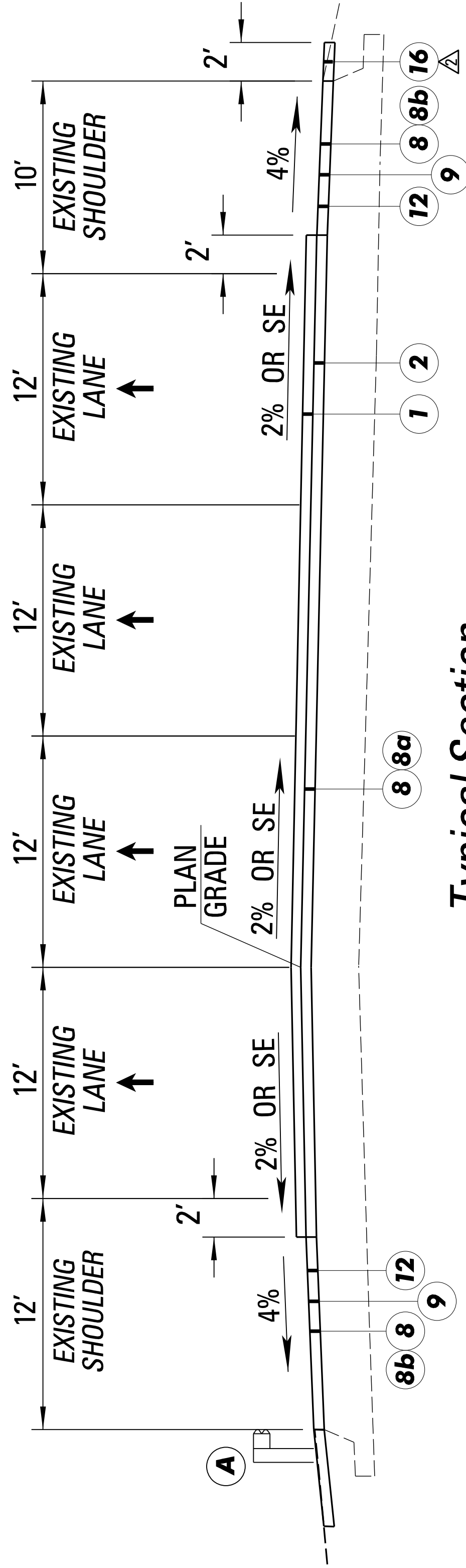
INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE. SEE WK. SH. NO. VS-1.



Typical Section

I-55 NORTHBOUND – WIDENING, MILL & OVERLAY

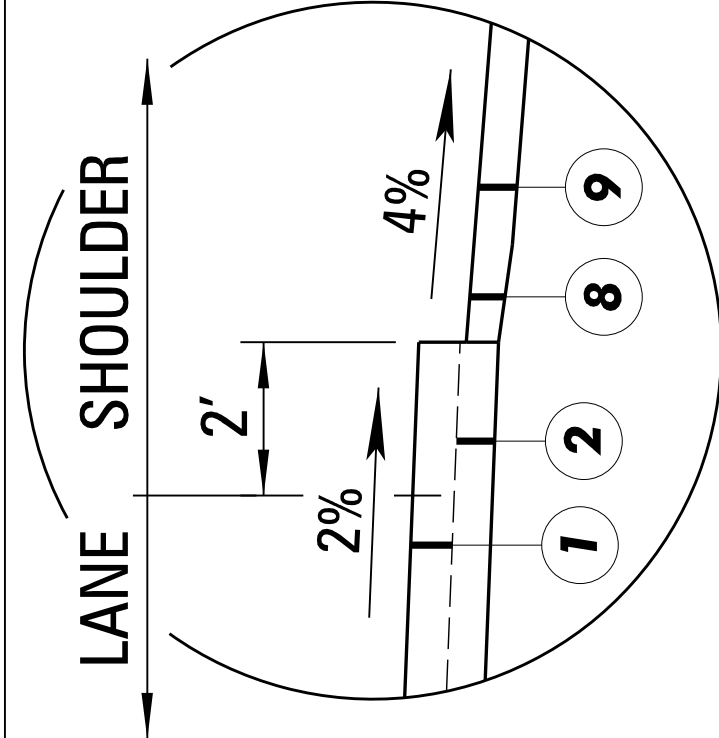
STA. 564 + 81.90 to STA. 567 + 00.00



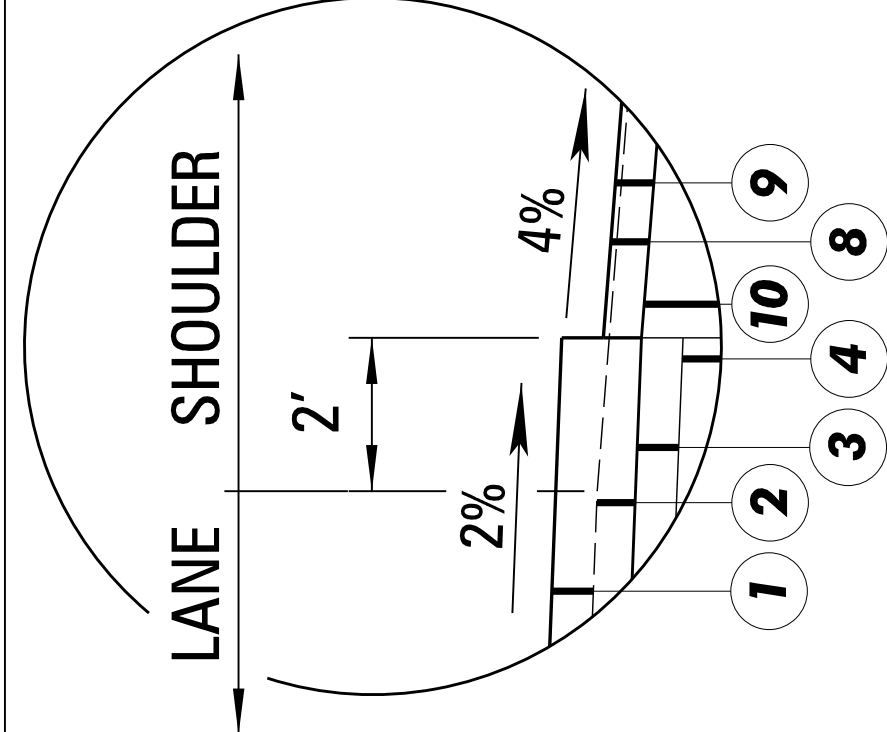
Typical Section

I-55 NORTHBOUND - MILL & OVERLAY

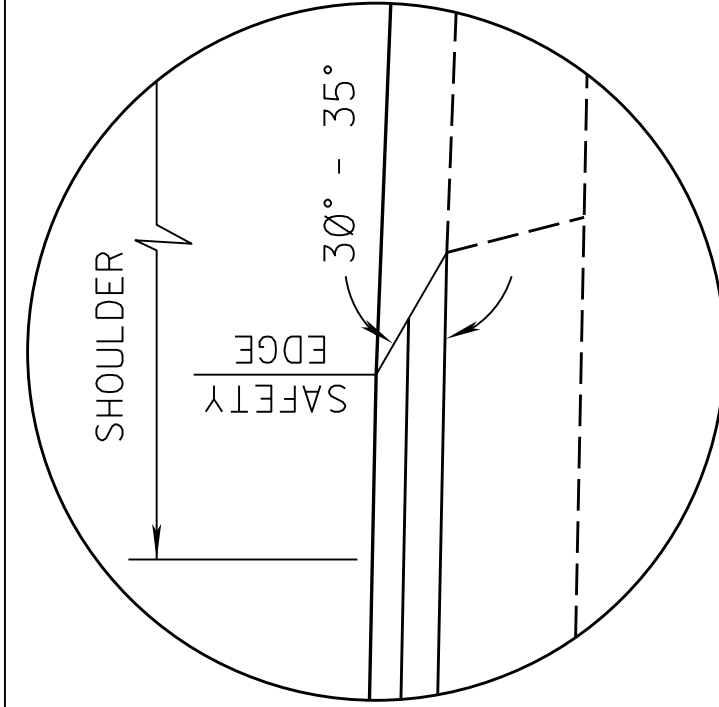
STA. 567 + 00.00 to STA. 571 + 58.76



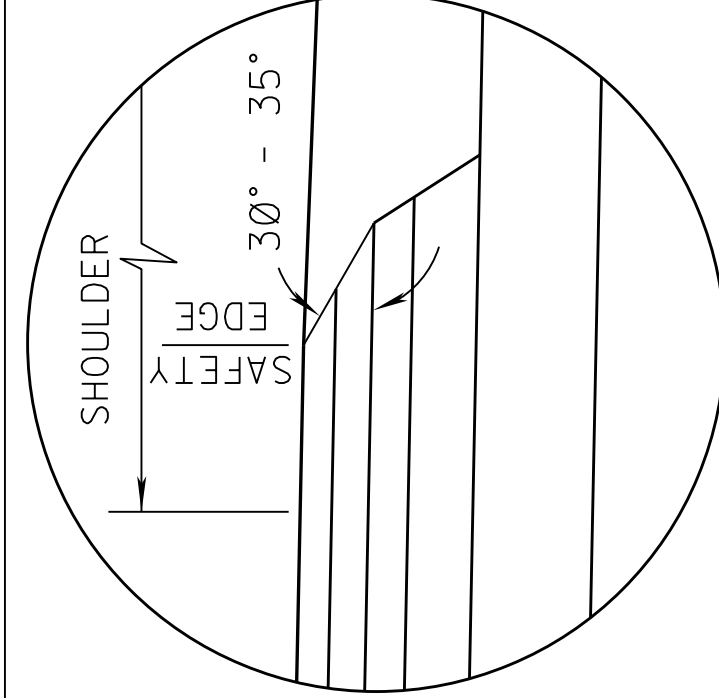
**2' TRAVEL LANE
EXTENSION OF
1.00" OGFC IN
MILL & OVERLAY
SECTIONS**



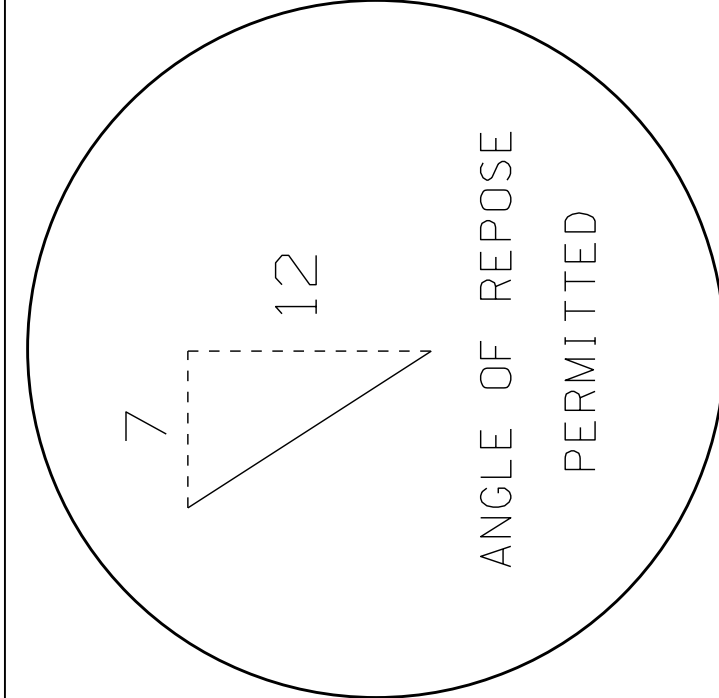
**2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
WIDENING SECTIONS**



**SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY**



**SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)**



NOT TO SCALE

General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

[illegible]

DATA FOR PAVEMENT DETERMINATION	
(2020) ADT =	122,000 Current
(2030) ADT =	147,000
(2040) ADT =	174,000 Design
DHV =	17,000
D =	55 % of DHV
T =	9 % of DHV
T (total) =	9 % of DHV
18K (Rigid) =	1945 / 1000
18K (Flex) =	126 / 1000
Design CBR =	5



Required Base and Pavement

- 1

1.00" OGFC (TRAVEL LANES) REQ'D.
- 2

1.50" SMA (9.5mm Mixture) (1@1.5') REQ'D.
- 3

2.50" SMA (12.5mm Mixture) (1@2.5') REQ'D.
- 4

2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5') REQ'D.
- 5

3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5') REQ'D.
- 6

3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5') REQ'D.
- 7

6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8

1.50" FINE MILLING REQ'D.
- 8a

ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D.
- 8b

ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D. Δ
- 9

1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5') REQ'D.
- 10

5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5') REQ'D.
- 11

7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5') REQ'D.
- 12

RUMBLE STRIPS, GROUND-IN REQ'D.
- 13

BORROW EXCAVATION, B9-6 REQ'D.
- 16

2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE.
SEE WK. SH. NO. VS-1.

Typical Section Notes

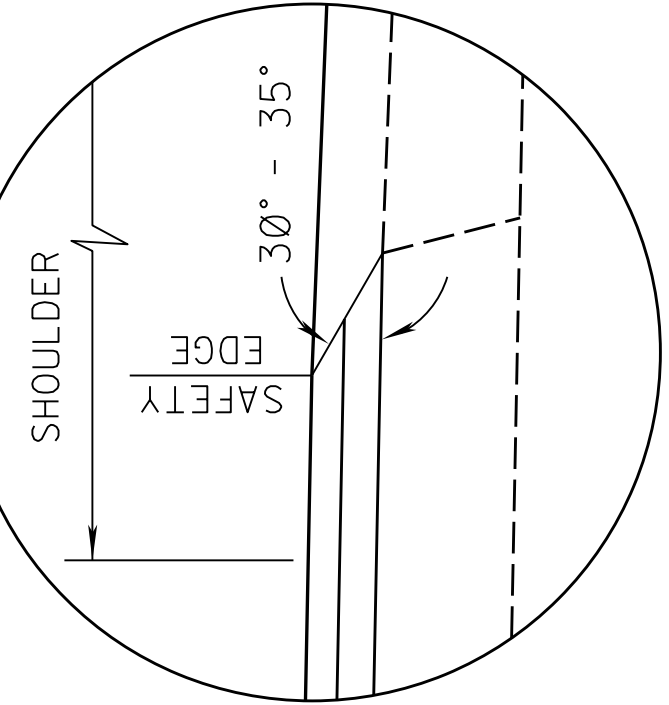
- A

GUARDRAIL - STA. 568+45.82 TO STA. 574+52.97
GUARDRAIL - STA. 576+77.00 TO STA. 579+77.00

General Notes

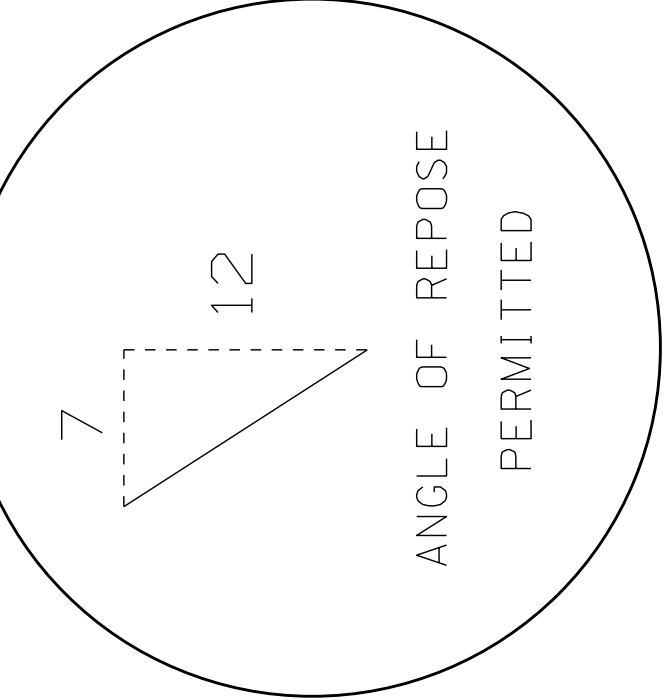
- OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT =	122,000	Current
(2030)	ADT =	147,000	Design
(2040)	ADT =	174,000	Design
	DHV =	17,000	
	D	55	% of DHV
	T	9	% of DHV
T (total)	=	9	% of DHV
18K (Rigid)	=	1945	/ 1000
18K (Flex)	=	1260	/ 1000
Design CBR	=	5	

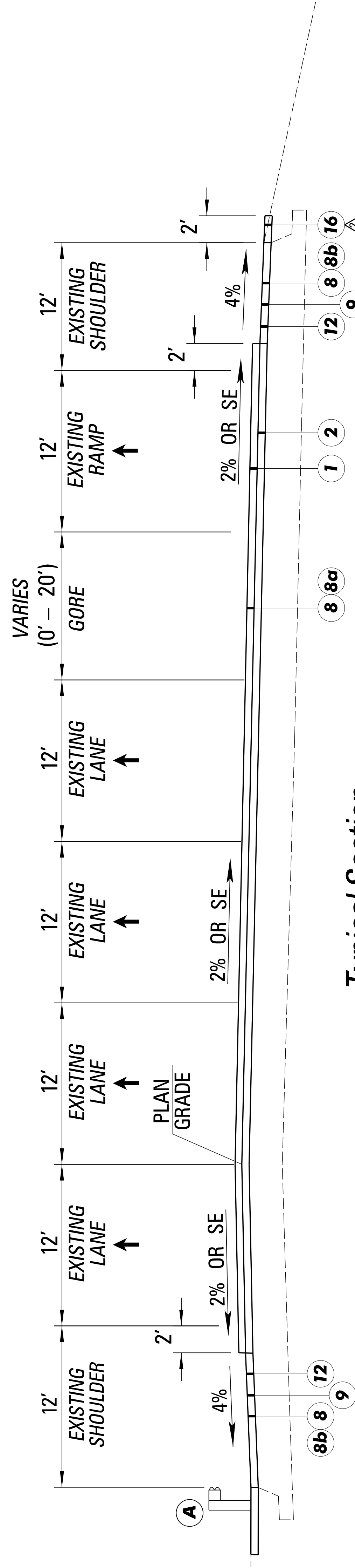
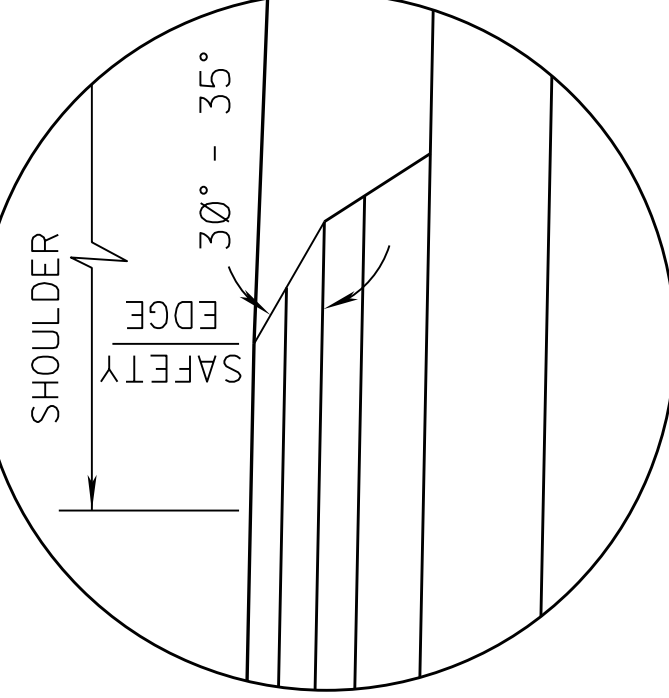


SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY

NOT TO SCALE

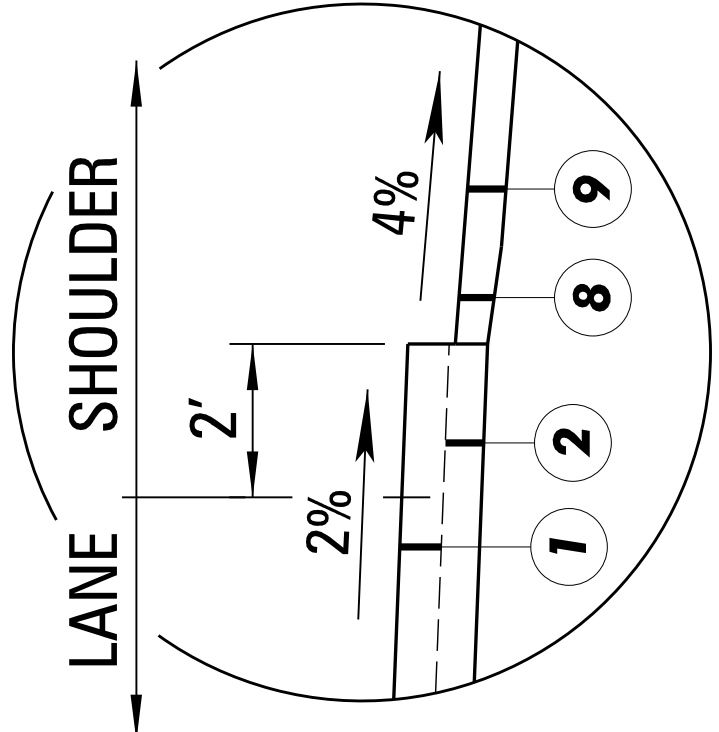


SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)

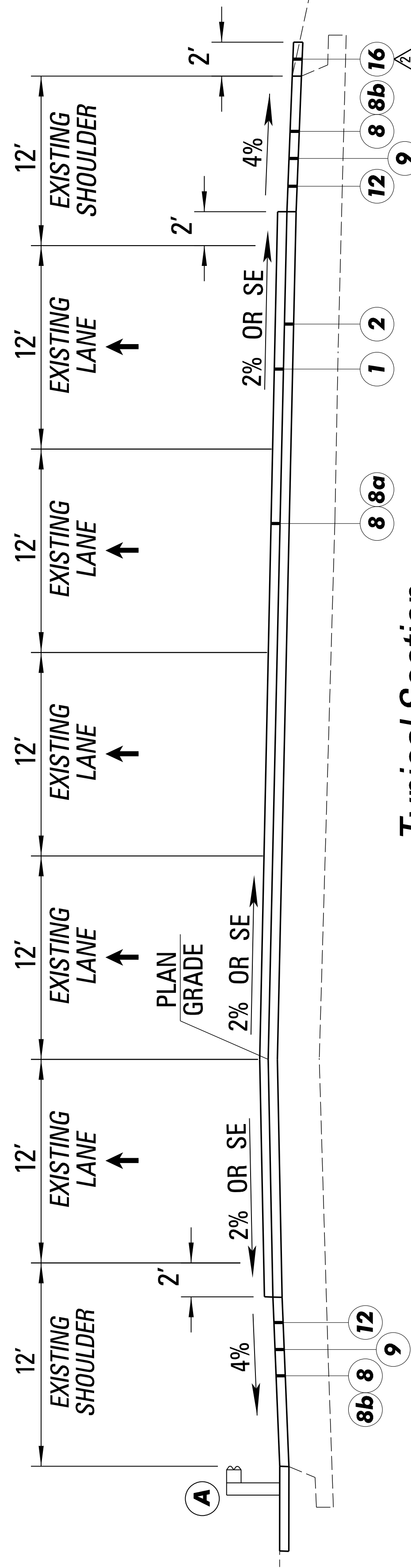


Typical Section

I-55 NORTHBOUND – MILL & OVERLAY
STA. 571 + 58.76 to STA. 574 + 44.31

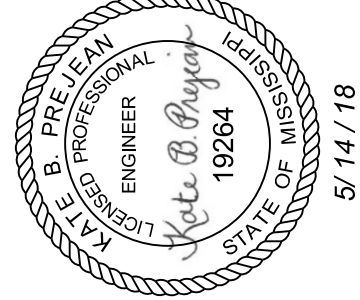


2' TRAVEL LANE EXTENSION
OF 1.00" OGFC IN
MILL & OVERLAY SECTIONS



Typical Section

I-55 NORTHBOUND – MILL & OVERLAY
STA. 574 + 44.31 to E.O.P. (581 + 67.66)



STATE	PROJECT NO.
MISS.	NH-0055-02(248)

Required Base and Pavement

- 1

1.00" OGFC (TRAVEL LANES) REQ'D.
- 2

1.50" SMA (9.5mm Mixtu^{re}) (1@1.5') REQ'D.
- 3

2.50" SMA (12.5mm Mixtu^{re}) (1@2.5") REQ'D.
- 4

2.50" ASPHALT PAVEMENT, HT (12.5mm Mixtu^{re}) (1@2.5") REQ'D.
- 5

3.50" ASPHALT PAVEMENT, HT (19mm Mixtu^{re}) (1@3.5") REQ'D.
- 6

3.50" ASPHALT PAVEMENT, ST (19mm Mixtu^{re}) (1@3.5") REQ'D.
- 7

6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 8

1.50" FINE MILLING REQ'D.
- 8a

ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELLING COURSE REQ'D.
- 8b

ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELLING COURSE REQ'D. Δ
- 9

1.50" ASPHALT PAVEMENT, ST (9.5mm Mixtu^{re}) (1@1.5") REQ'D.
- 10

5.00" ASPHALT PAVEMENT, ST (12.5mm Mixtu^{re}) (2@2.5") REQ'D.
- 11

7.00" ASPHALT PAVEMENT, ST (19mm Mixtu^{re}) (2@3.5") REQ'D.
- 12

RUMBLE STRIPS, GROUND-IN REQ'D.
- 13

BORROW EXCAVATION, B9-6 REQ'D.
- 16

2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE.
SEE WK. SH. NO. VS-1.

Typical Section Notes

- A

24' TO 15' LANE WIDTH TRANSITION
STA. 516+66.17 TO STA. 518+77.89
- B

INSTALL GUARDRAIL STA. 517+05.85 TO STA. 518+99.00
(SEE GR-4 AND GR-4B FOR TYPICAL INSTALLATION)
- C

OGFC EXTENDS 100' ONTO RAMP. SEE SDPLR-1 FOR DETAILS.

General Notes

- *

OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- *

RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

7/12/2018 11:20 PM

TS-SH.DGN

ROADWAY DESIGN DIVISION

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ANGLE OF REPOSE PERMITTED

7 12

SAFETY EDGE REQ'D TOP 2 LIFTS ONLY (NOT A PAY ITEM)

SHOULDER SAFETY EDGE 30° - 35°

SAFETY EDGE REQ'D TOP 2 LIFTS ONLY (NOT A PAY ITEM) OVERLAY

NOT TO SCALE

DATA FOR PAVEMENT DETERMINATION

(2020) ADT	=	122,000	Current
(2030) ADT	=	147,000	Design
(2040) ADT	=	174,000	
DHV	=	17,000	
D	=	55	% of DHV
T	=	9	% of DHV
18K (Rigid)	=	1945	% of DHV
18K (Flex)	=	1260	/ 1000
Design CBR	=	5	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

RAMP I-55 NB EXIT TO I-220

COUNTY: MADISON

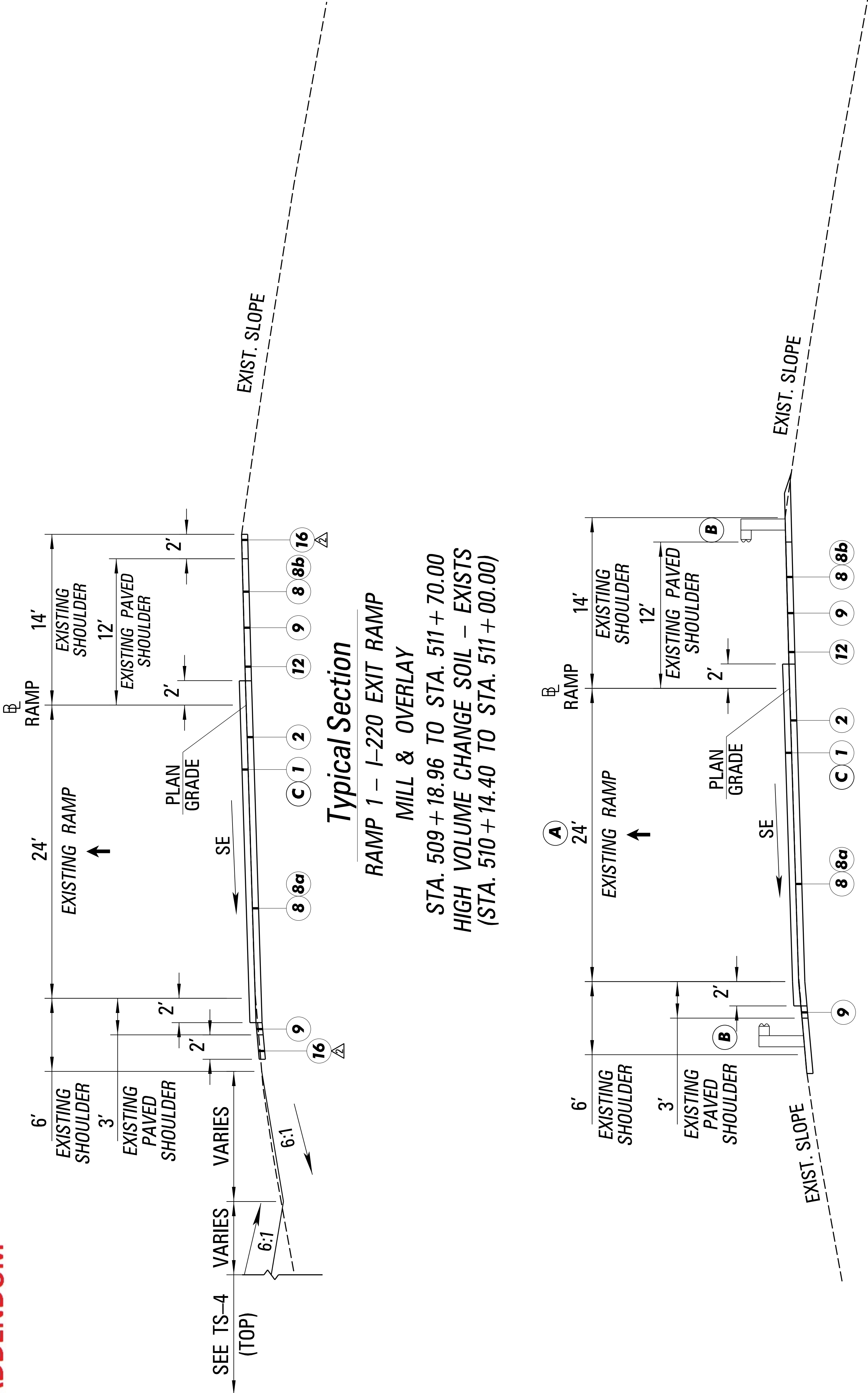
PROJ. NO.: NH-0055-02(248)

FILENAME: ts_sh.dgn

DESIGN TEAM HNTB CHECKED RLG DATE 5/7/18

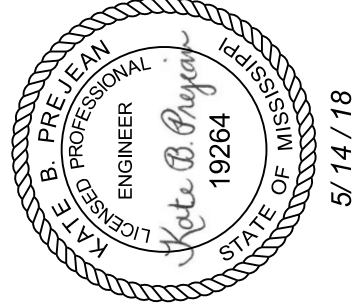
WORKING NUMBER TS-12

SHEET NUMBER 18



Typical Section

RAMP 1 – I-220 EXIT RAMP
MILL & OVERLAY
STA. 511 + 70.00 TO STA. 518 + 77.89



STATE	PROJECT NO.
MISS.	NH-0055-02(248)

Required Base and Pavement

- | | |
|-----------|--|
| 1 | 1.00" OGFC (TRAVEL LANES) REQ'D. |
| 2 | 1.50" SMA (9.5mm Mixture) (1@1.5") REQ'D. |
| 3 | 2.50" SMA (12.5mm Mixture) (1@2.5") REQ'D. |
| 4 | 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixture) (1@2.5") REQ'D. |
| 5 | 3.50" ASPHALT PAVEMENT, HT (19mm Mixture) (1@3.5") REQ'D. |
| 6 | 3.50" ASPHALT PAVEMENT, ST (19mm Mixture) (1@3.5") REQ'D. |
| 7 | 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D. |
| 8 | 1.50" FINE MILLING REQ'D. |
| 9a | ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D. |
| 9b | ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELING COURSE REQ'D. |
| 9 | 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixture) (1@1.5") REQ'D. |
| 10 | 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixture) (2@2.5") REQ'D. |
| 11 | 7.00" ASPHALT PAVEMENT, ST (19mm Mixture) (2@3.5") REQ'D. |
| 12 | RUMBLE STRIPS, GROUND-IN REQ'D. |
| 13 | BORROW EXCAVATION, B9-6 REQ'D. |
| 16 | 2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C |

INDICATES AREA TO BE TREATED IN ACCORDANCE
WITH THE VEGETATION SCHEDULE.
SEE WK SH. NO. VS-1.

Typical Section Notes

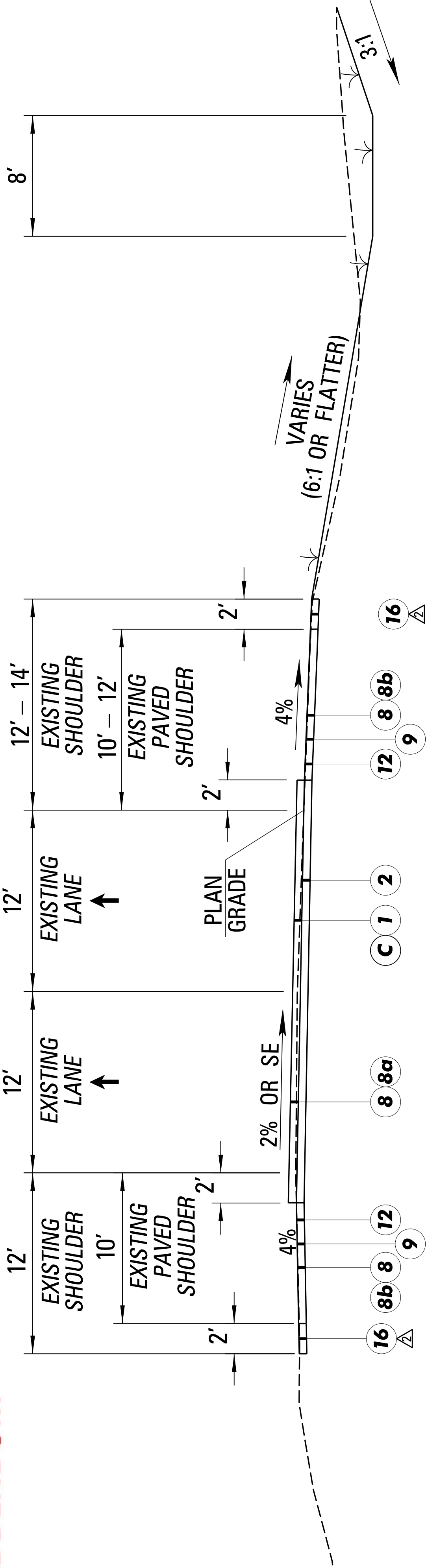
- (A)** SEE PIER PROTECTION STANDARD PLANS PPD-B1 TO PPD-B3.
- (B)** SEE GUARDRAIL STANDARD PLAN GR-4 FOR TYPICAL INSTALLATION.
193.15' GUARDRAIL LENGTH OF NEED.
- (C)** OGFC EXTENDS 100' ONTO RAMP. SEE SDPLR-1 FOR DETAILS.

General Notes

- * OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- * RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.

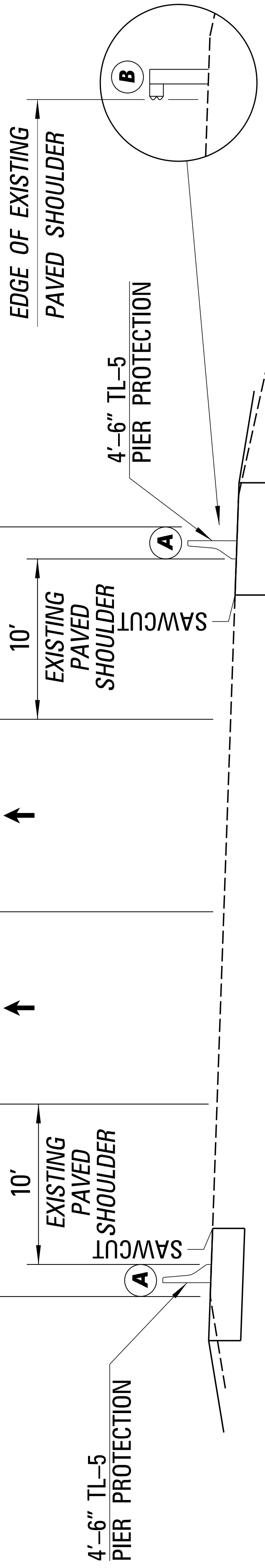
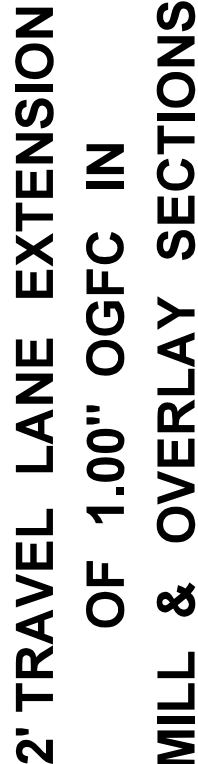
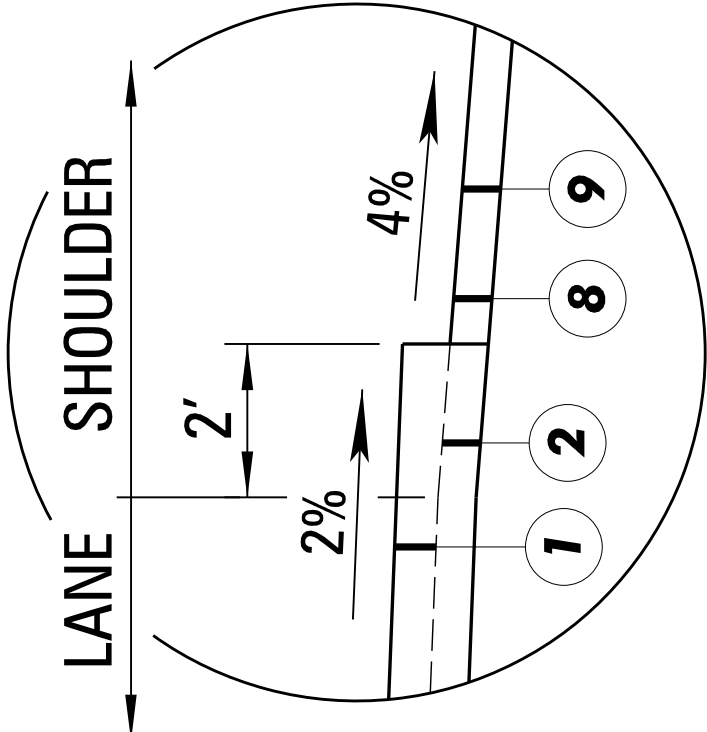
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DATA FOR PAVEMENT DETERMINATION	
(2020) ADT =	122,000 Current
(2030) ADT =	147,000
(2040) ADT =	174,000 Design
DHV =	17,000
D =	55 % of DHV
T =	9 % of DHV
T (total) =	9
18K (Rigid) =	1945 / 1000
18K (Flex) =	1260 / 1000
Design CBR =	5



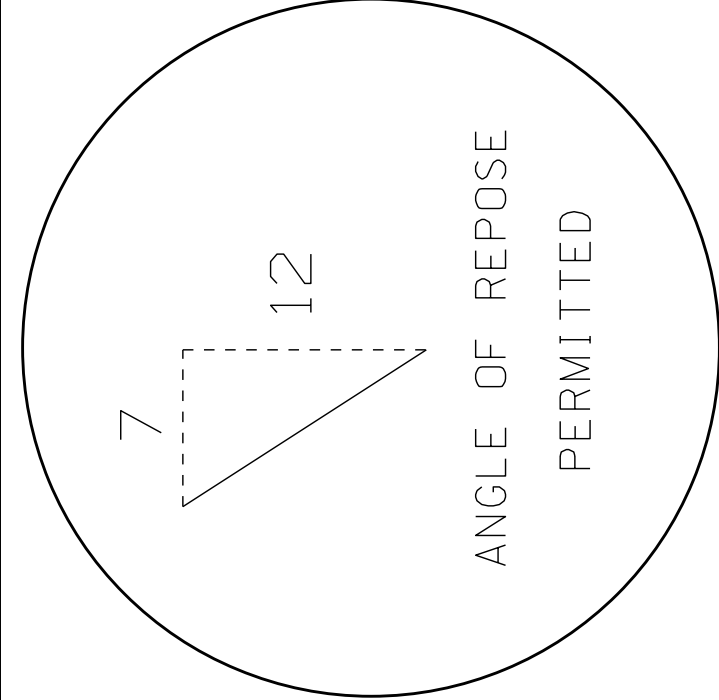
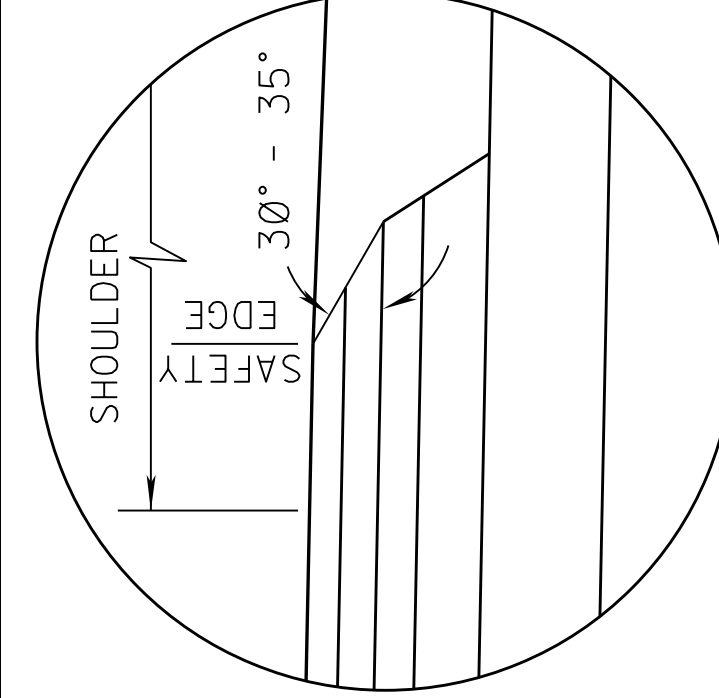
Typical Section

**RAMP 2 – I220 ENTRANCE RAMP
MILL & OVERLAY
STA. 536 + 50.00 to STA. 543 + 43.25
HIGH VOLUME CHANGE SOIL – EXISTS**



Typical Section

RAMP 2 - I220 ENTRANCE RAMP
SEE PLAN AND PROFILE SHEETS FOR INFORMATION



**SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)**

**SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY**

NOT TO SCALE

STATE	PROJECT NO.
MISS.	NH-0055-02(248)

Required Base and Pavement

- 11.00" OGFC (TRAVEL LANES) REQ'D.
- 1.50" SMA (9.5mm Mixtu^{re}) (1@1.5') REQ'D.
- 2.50" SMA (12.5mm Mixtu^{re}) (1@2.5") REQ'D.
- 2.50" ASPHALT PAVEMENT, HT (12.5mm Mixtu^{re}) (1@2.5") REQ'D.
- 3.50" ASPHALT PAVEMENT, HT (19mm Mixtu^{re}) (1@3.5") REQ'D.
- 3.50" ASPHALT PAVEMENT, ST (19mm Mixtu^{re}) (1@3.5") REQ'D.
- 6.00" CRUSHED STONE W/ GEOTEXTILE TYPE V (NON-WOVEN) REQ'D.
- 1.50" FINE MILLING REQ'D.

- ASPHALT PAVEMENT, HT (9.5mm MIXTURE) VARIABLE LEVELLING COURSE REQ'D.
- ASPHALT PAVEMENT, ST (9.5mm MIXTURE) VARIABLE LEVELLING COURSE REQ'D.
- 1.50" ASPHALT PAVEMENT, ST (9.5mm Mixtu^{re}) (1@1.5") REQ'D.
- 5.00" ASPHALT PAVEMENT, ST (12.5mm Mixtu^{re}) (2@2.5") REQ'D.
- 7.00" ASPHALT PAVEMENT, ST (19mm Mixtu^{re}) (2@3.5") REQ'D.
- RUMBLE STRIPS, GROUND-IN REQ'D.
- BORROW EXCAVATION, B9-6 REQ'D.
- 6" GRANULAR MATERIAL CLASS 5, GROUP C
- 2" & VARIABLE GRANULAR MATERIAL CLASS 5, GROUP C

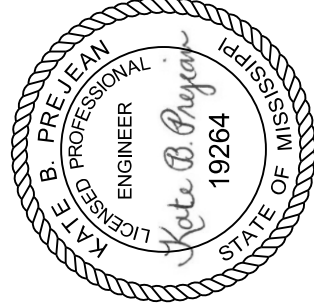
INDICATES AREA TO BE TREATED IN ACCORDANCE WITH THE VEGETATION SCHEDULE.
SEE WK. SH. NO. VS-1.

Typical Section Notes

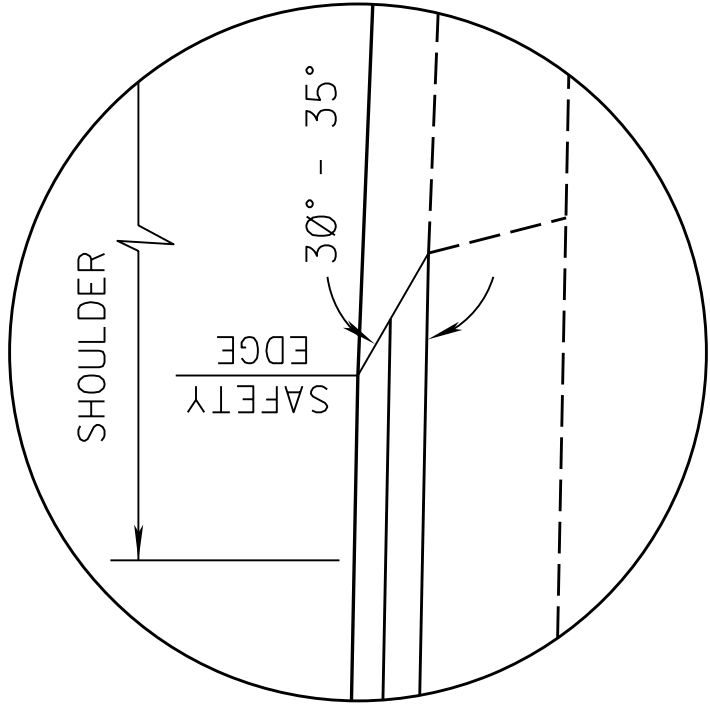
- A OGFC EXTENDS 100' ONTO RAMP. SEE SDPLR-1 FOR DETAILS.

General Notes

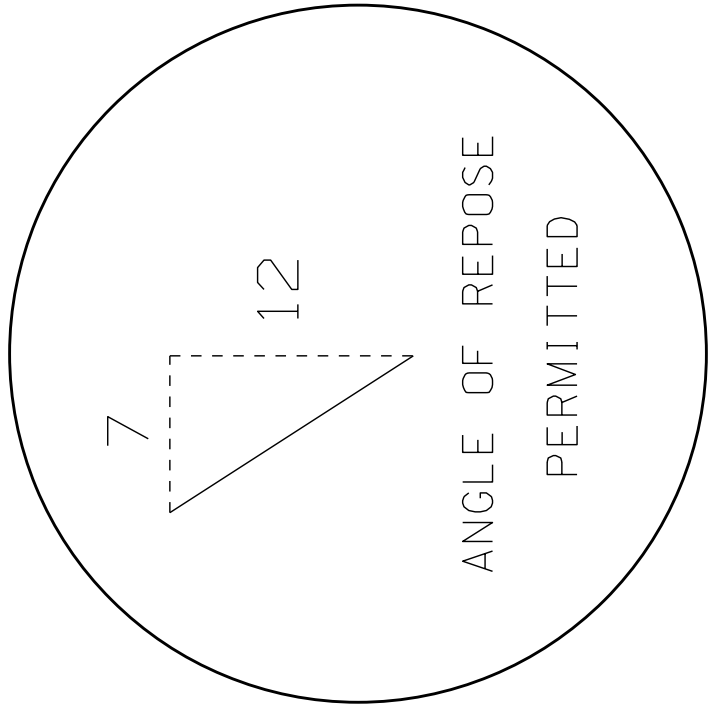
- OGFC TO BE EXTENDED 2' BEYOND TRAVEL LANES.
- RUMBLE STRIPS TO BE INSTALLED AS REQUIRED. SEE RS-3 FOR DETAILS.



DATA FOR PAVEMENT DETERMINATION			
(2020)	ADT	=	122,000
(2030)	ADT	=	147,000
(2040)	ADT	=	174,000
	DHV	=	17,000
	D	=	55
	T	=	9
T (total)		=	% of DHV
18K (Rigid)		=	9
18K (Flex)		=	1945 / 1000
Design CBR		=	1260 / 1000
			5

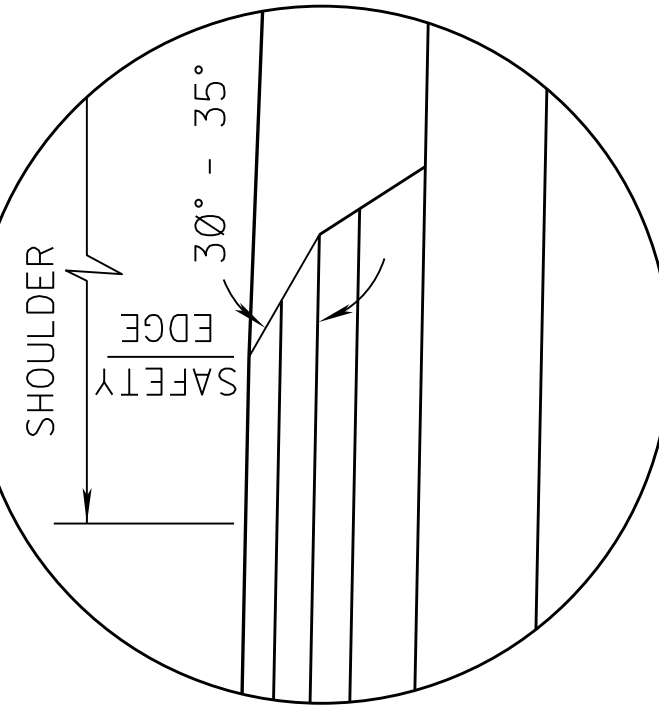
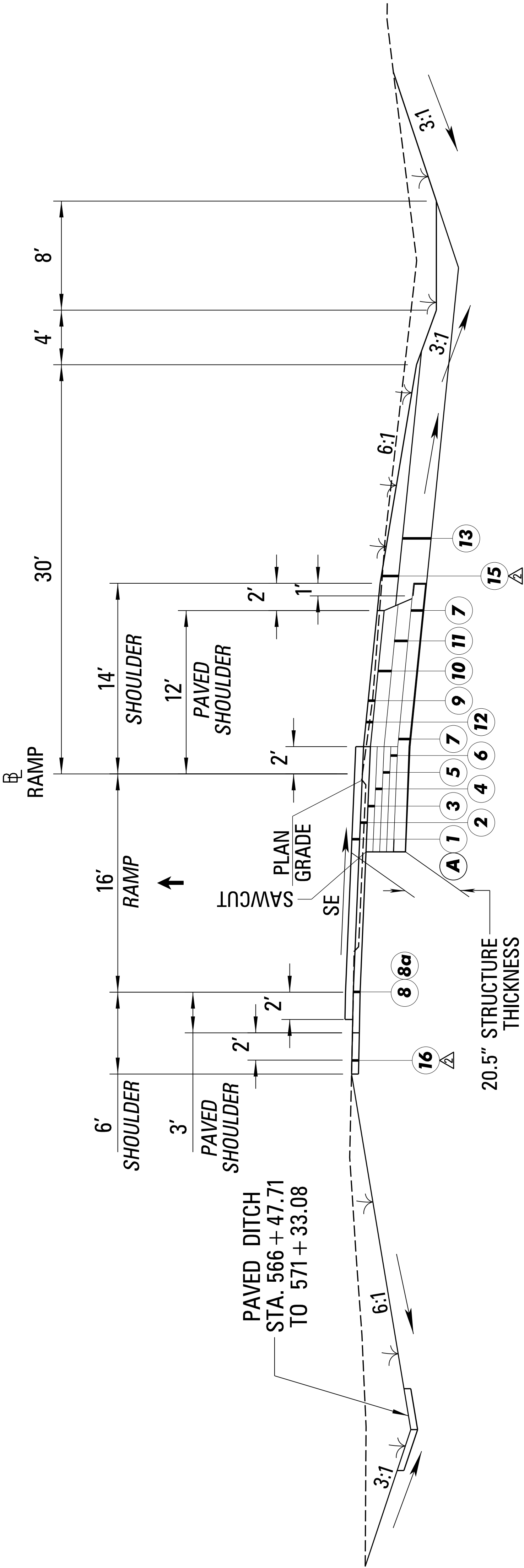


SAFETY EDGE REQ'D
TOP 2 LIFTS ONLY
(NOT A PAY ITEM)
OVERLAY



NOT TO SCALE

Typical Section
RAMP 3 – NATCHEZ TRACE PARKWAY
NEW CONSTRUCTION
STA. 566 + 47.71 to STA. 571 + 55.42



ANGLE OF REPOSE
PERMITTED

MISSISSIPPI DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS			
RAMP I-55 NB EXIT TO NATCHEZ TRACE PKWY.			
COUNTY: MADISON			
PROJ. NO.: NH-0055-02(248)			
7-13-18	ADDED GRANULAR MATERIAL	FILENAME: ts_sh.dgn	DESIGN TEAM
6-13-18	ADDED NOTE FOR LEVELING HT MIX	HNTB	CHECKED
DATE	REVISION	RLG	DATE
BY			
WORKING NUMBER TS-14			
SHEET NUMBER 20			

ADDENDUM

STATE	PROJECT NO.
MISS	NH-0055-02(248)

SUMMARY OF QUANTITIES (SHEET 1)				
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 102315-302000	
			Prelim	Final
	REMOVAL ITEMS			
201-A001	Clearing and Grubbing	LS	1	
202-B029	Removal of Bridge End Pavement	SY	58	
202-B063	Removal of Concrete Paved Ditch	SY	410	
202-B083	Removal of Concrete Slope Paving	SY	131	
202-B124	Removal of Electrical Conductors	LF	3,515	
202-B136	Removal of Guard Rail	LF	1,782	④
202-B163	Removal of Inlet Tops	EA	1	
202-B176	Removal of Lighting Controllers	EA	1	①
202-B185	Removal of Overhead Sign Including Panels, Truss, Supports & Footing	EA	3	
202-B188	Removal of Pavement, All Types and Depths	SY	9,083	
202-B191	Removal of Pipe, 8" And Above	LF	13	②
202-B195	Removal of Pull Box	EA	5	
202-B215	Removal of Sign Including Post & Footing	EA	2	
202-B226	Removal of Soil Cement Treated Base, All Depths	SY	9,083	
	EARTHWORK ITEMS			
203-A001	Unclassified Excavation, FM, AH	CY	6,295	
203-EX021	Borrow Excavation, AH, FME, Class B9-6	CY	14,915	
203-G001	Excess Excavation, FM, AH	CY	36,206	①
203-I002	Site Grading	SY	805	①
206-A001	Structure Excavation	CY	71	③
209-A005	Geotextile Stabilization, Type V, Non-Woven	SY	23,000	
	EROSION CONTROL ITEMS			
213-C001	Superphosphate	TON	5	⑤
216-A001	Solid Sodding	SY	907	⑤
219-A001	Watering	KGAL	968	⑤
220-A001	Insect Pest Control	ACRE	5	⑤
221-A001	Concrete Paved Ditch	CY	293	⑤ ⑥
223-A001	Mowing	ACRE	216	⑦
225-A001	Grassing	ACRE	10	⑤
225-B001	Agricultural Limestone	TON	5	⑤
225-C001	Mulch, Vegetative Mulch	TON	20	⑤
226-A001	Temporary Grassing	ACRE	10	⑤
234-A001	Temporary Silt Fence	LF	14,500	⑤
234-D001	Inlet Siltation Guard	EA	1	⑤
237-A002	Wattles, 20"	LF	427	⑤
246-B001	Rockbags	EA	250	⑤
249-A001	Riprap for Erosion Control	TON	100	⑤ ①
907-250-A001	Polyacrylamide (PAM)	LBS	400	⑤ ①
815-A002	Loose Riprap, Size 100	TON	7	⑤ ①
815-F002	Sediment Control Stone	TON	100	⑤



RG	REVISED PAY ITEMS	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
RG	ADDED GRANULAR MATERIAL	Revision	SUMMARY OF QUANTITIES	
RG	CLASS 5 GROUP C ITEM	Final Plans	Final Plans	
			Proj No: NH-0055-02(248)	
			County: MADISON	
			FILENAME : SQ-1	
			Design Team HNTB	Checked RG Date 6/15/20
			Working Number SQ-1	Sheet Number 21

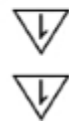
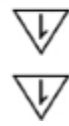


ADDENDUM

STATE	PROJECT NO.
MISS	NH-0055-02(248)

SUMMARY OF QUANTITIES (SHEET 2)			
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 102315-302000
			Prelim Final
	SUBGRADE ITEMS		
304-A004	Granular Material, LVM, Class 5, Group C	CY	1,450
304-F001	3/4" and Down Crushed Stone Base	TON	2,970
	OR		
304-F002	Size 610 Crushed Stone Base	TON	2,970
	OR		
304-F003	Size 825B Crushed Stone Base	TON	2,970
	PAVEMENT ITEMS		
402-A002	Open Graded Friction Course, 9.5-mm Mixture	TON	2,869
402-B001	Bituminous Tack Coat	GAL	4,742
403-A001	12.5-mm, HT, Asphalt Pavement	TON	1,643
403-A003	12.5-mm, ST, Asphalt Pavement	TON	1,988
403-A004	19-mm, HT, Asphalt Pavement	TON	2,301
403-A006	19-mm, ST, Asphalt Pavement	TON	5,085
403-A015	9.5-mm, ST, Asphalt Pavement	TON	1,323
403-B010	9.5-mm, HT, Asphalt Pavement, Leveling	TON	375
403-B012	9.5-mm, ST, Asphalt Pavement, Leveling	TON	1,689
405-A001	Stone Matrix Asphalt, 12.5 mm Mixture	TON	1,643
405-A002	Stone Matrix Asphalt, 9.5 mm Mixture	TON	3,827
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	89,086
407-A001	Asphalt for Tack Coat	GAL	8,870
409-A003	Geotextile Fabric For Underseal, Type V	SY	256
413-E001	Sawing and Sealing Transverse Joints in Asphalt Pavement	LF	60
423-A001	Rumble Strips, Ground In	MI	4
502-A001	Reinforced Cement Concrete Bridge End Pavement	SY	104
503-C010	Saw Cut, Full Depth	LF	6,665
	DRAINAGE ITEMS		
601-A001	Class "B" Structural Concrete	CY	85
601-B001	Class "B" Structural Concrete, Minor Structures	CY	4
603-CA053	30" Reinforced Concrete Pipe, Class V, Jacked or Bored	LF	280
603-CB003	18" Reinforced Concrete End Section	EA	3
603-CB005	30" Reinforced Concrete End Section	EA	2
603-CE028	58" x 36" Concrete Arch Pipe, Class A III	LF	24
603-CF007	58" x 36" Concrete Arch Pipe End Section	EA	1
604-B001	Gratings	LBS	250
605-AA001	Geotextile for Subsurface Drainage, Type III	SY	47
605-T001	4" Perforated Pipe for Underdrains	LF	88
605-U001	4" Non-perforated Pipe for Underdrains	LF	47
605-W001	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	CY	3
	BARRIER ITEMS		

- ① FILTER MATERIAL SHALL BE TYPE "A" SIZE 7 COURSE AGGREGATE
- ② SAW CUTTING OF BRIDGE END PAVEMENT AND BRIDGE STRUCTURE IS ABSORBED IN OTHER ITEMS.
- ③ INCLUDES 20% INCREASE FOR ESTIMATING PURPOSES
- ④ QUANTITY ROUNDED TO NEAREST 50 OR 100 UNIT
- ⑤ INCLUDES 3 CY FOR PIPE CULVERTS AND 1 CY FOR PERMANENT SIGNS
- ⑥ QUANTITY CONTAINS A 25% CONTINGENCY FOR MILLING DAMAGE OR FAILURE AREAS OF ROADWAY FOLLOWING TRAFFIC CONTROL PLANS PHASE 2A & 2B ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.
- ⑦



RG	REVISD PAY ITEMS	RG	ADDED GRANULAR MATERIAL CLASS 5 GROUP C ITEM	Revision	By
Final Plans					
MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES					
Proj No: NH-0055-02(248) County: MADISON					
FILENAME : SQ-1					
Design Team HNTB Checked RG Date 6/15/20					
Date	06/16/2018	Working Number	SQ-2	Sheet Number	22

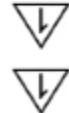
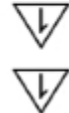


ADDENDUM

STATE	PROJECT NO.
MISS	NH-0055-02(248)

SUMMARY OF QUANTITIES (SHEET 3)				
PAY ITEM NO.	PAY ITEM	UNIT	MADISON : 102315-302000	
			Prelim	Final
606-B001	Guard Rail, Class A, Type 1	LF	2,194	
606-C003	Guard Rail, Cable Anchor, Type 1	EA	6	
606-D020	Guard Rail, Bridge End Section, Type H, Metal Post	EA	2	
606-D023	Guard Rail, Bridge End Section, Type I, Metal Post	EA	2	
606-E007	Guard Rail, Terminal End Section, Non-Flared	EA	10	
615-A001	Concrete Bridge End Barrier, 32"	LF	10	
615-A007	Concrete Pier Protection Barrier, 54"	LF	454	
	TRAFFIC CONTROL ITEMS			
618-A001	Maintenance of Traffic	LS	1	
619-A1004	Temporary Traffic Stripe, Continuous White, Paint	MI	16	△
619-A2004	Temporary Traffic Stripe, Continuous Yellow, Paint	MI	12	△
619-A3003	Temporary Traffic Stripe, Skip White, Paint	MI	12	△
619-A5002	Temporary Traffic Stripe, Detail, Paint	LF	8,500	△
619-C6001	Red-Clear Reflective High Performance Raised Marker	EA	409	
619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet	SF	110	
619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More	SF	992	
619-D3001	Remove and Reset Signs, All Sizes	EA	3	
619-E1001	Flashing Arrow Panel, Type C	EA	1	①
907-619-E3001	Changeable Message Sign	EA	2	② △
619-F1001	Concrete Median Barrier, Precast	LF	10,520	
619-F1004	Portable Median Barrier, 60 MPH	LF	725	④
619-F2001	Remove and Reset Concrete Median Barrier, Precast	LF	3,446	
619-G4005	Barricades, Type III, Single Faced	LF	20	⑤
619-G5001	Free Standing Plastic Drums	EA	74	
619-G7001	Warning Lights, Type "B"	EA	4	
619-J1004	Impact Attenuator, 60 MPH	EA	4	
619-J2004	Impact Attenuator, 60 MPH, Replacement Package	EA	4	
907-626-U003	6" Thermoplastic Traffic Stripe, Skip White, 40-mil min.	MI	4	
907-626-V003	6" Thermoplastic Traffic Stripe, Continuous White, 40-mil min.	MI	5	
907-626-X003	6" Thermoplastic Traffic Stripe, Continuous Yellow, 40-mil min.	MI	4	
907-626-Y002	Thermoplastic Detail Traffic Stripe, White, 6" Equivalent Length, 40-mil. min.	LF	1,750	
	GENERAL ITEMS			
620-A001	Mobilization	LS	1	
699-A001	Roadway Construction Stakes	LS	1	③
	PAVEMENT MARKING ITEMS			
626-A001	6" Thermoplastic Double Drop Traffic Stripe, Skip White	MI	5	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	3	
626-F001	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow	MI	3	
626-G004	Thermoplastic Double Drop Detail Stripe, White	LF	7,887	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	1,093	△

- ① ITEM TO BE USED IN PHASES 2A & 2B
- ② TO BE USED AS SHOWN OR AS DIRECTED BY ENGINEER
- ③ REFER TO BRIDGE SHEET 8003 FOR ADDITIONAL BRIDGE SURVEY REQUIREMENTS
- ④ PORTABLE BARRIER TO BE USED WHEN PERMANENT BARRIER IS TEMPORARILY REMOVED
- ⑤ ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER.

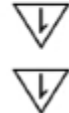


RG	REVISED PAY ITEMS	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES		
RG	ADDED GRANULAR MATERIAL CLASS 5 GROUP C ITEM	Revision	Final Plans		
Proj No: NH-0055-02(248)			Working Number SQ-3		
County: MADISON			Sheet Number 23		
06/16/2018	DATE	FILENAME : SQ-1	Design Team HNTB		
07/12/2018	DATE	Checked RG	Date 6/15/20		

ADDENDUM

STATE	PROJECT NO.
MISS	NH-0055-02(248)

SUMMARY OF QUANTITIES (SHEET 4)				
PAY ITEM NO.	PAY ITEM	UNIT		
			Prelim	Final
	SIGNING ITEMS			
630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness	SF	12	
630-A003	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness	SF	32	
630-B003	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted	SF	1,202	
630-C003	Steel U-Section Posts, 3.0 lb/ft	LF	70	
630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar	LBS	39	
630-F006	Delineators, Guard Rail, White	EA	21	
630-F007	Delineators, Guard Rail, Yellow	EA	66	
630-G004	Type 3 Object Markers, OM-3R or OM-3L	EA	3	
630-I015	Metal Overhead Sign Supports, Assembly No. 2, Contractor Designed	LS	1	
630-I020	Metal Overhead Sign Supports, Assembly No. 3, Contractor Designed	LS	1	
630-I022	Metal Overhead Sign Supports, Assembly No. 4, Contractor Designed	LS	1	
630-K003	Welded & Seamless Steel Pipe Posts, 4"	LF	31	
907-630-O004	Remove and Reset Sign, All Sizes	EA	21	
	LIGHTING ITEMS			
682-A005	Underground Branch Circuit, AWG 1/0, 3 Conductor	LF	945	
682-A018	Underground Branch Circuit, AWG 2, 3 Conductor	LF	1,040	
682-A028	Underground Branch Circuit, AWG 4, 3 Conductor	LF	1,095	
682-A034	Underground Branch Circuit, AWG 6, 3 Conductor	LF	180	
682-B016	Underground Branch Circuit, Jacked or Bored, AWG 2, 3 Conductor	LF	535	
682-B025	Underground Branch Circuit, Jacked or Bored, AWG 4, 3 Conductor	LF	150	
682-B032	Underground Branch Circuit, Jacked or Bored, AWG 6, 3 Conductor	LF	85	
682-D003	Underground Pull Box	EA	13	
682-F001	Secondary Power Controller	EA	1	



RG	REVISED PAY ITEMS	By	MISSISSIPPI DEPARTMENT OF TRANSPORTATION		
RG	ADDED GRANULAR MATERIAL CLASS 5 GROUP C ITEM	Revision	SUMMARY OF QUANTITIES		
			Final Plans		
			Proj No: NH-0055-02(248)		
			County: MADISON		
			FILENAME : SQ-1		
06/16/2018		Date	Design Team	Checked	Date
			HNTEB	RG	6/15/20
					24
					Sheet Number
					SQ-4
					Working Number