

ADDENDUM NO. 2

LEMON TOWNSHIP
Butler County, Ohio
South Main Street Reconstruction
September 3, 2015

To: Planholders

From: Mote & Associates, Inc.
214 West Fourth Street
Greenville, Ohio 45331
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Re: Lemon Township, Butler County, Ohio
South Main Street Reconstruction

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents dated August, 2015 and Addendum No. 1 dated August 28, 2015. Acknowledge receipt of this Addendum in the space provided on the Bid Proposal Form. Failure to do so may subject the Bidder to disqualification.

CHANGES/CLARIFICATIONS TO THE BIDDING REQUIREMENTS:

1. Section 00 11 13, ADVERTISEMENT FOR BIDS

Due to a change discovered in the existing base material on South Main Street, the project description which is the last sentence at the end of the first paragraph will be changed to read as follows:

“The Project consists of reconstruction of the asphalt surface with milling and asphalt overlay on South Main Street from State Route 73 south to the Middletown corporation limits. Alternate Bids for full-depth reclamation on a portion of Yankee Road will also be accepted.

2. Section 00 41 43, REVISED BID FORM

A ‘Revised Bid Form’ has been attached to this Addendum No. 2 and replaces the original Bid Form included in the Contract Documents Manual and the Bid Proposal Forms packet. **Submittal of the ‘Revised Bid Form’ is required for a “responsive bid”.**

Due to the results of core drilling performed on South Main Street, it has been determined that full-depth reclamation is not the best application for the replacement of the driving surface. The core drilling has revealed various courses of asphalt that are 8” to 12” thick on South Main Street. A layer of brick has also been identified as being underneath this asphalt in portions of the project area. Therefore, the project design has been revised to 3” asphalt planing with placement of a single chip seal surface course prior to placing the original depths of 1 ¾” intermediate and 1 ¼” surface courses of ODOT 448 Asphalt Concrete to create a new driving surface.

Alternate Bid #3 has been added to the project to place Star Grid G+PF material, or an Engineer approved equal, in lieu of the ODOT Item 422 Single Chip Seal Course (see detail). The product provides a moisture barrier and retards reflective cracking. It is manufactured by Luckenhaus Technical Textiles and distributed through PS Construction Fabrics, Inc. with a contact of Ted Howard at 330-335-3635.

This “Revised Bid Form” addresses the changes to the project design on South Main Street along with some revisions to quantities for the Yankee Road Alternate Bids as follows:

South Main Street Reconstruction - Base Bid Changes:

- A) ODOT Item 203 Excavation of Subgrade shall be deleted from the project. ODOT Item 203 Excavation shall be added for removal of the existing berm in a 2’ x 3” area along portions of South Main Street for the placement of Item 411 Stabilized Crushed Aggregate. Both of these quantities are 82 C.Y.
- B) ODOT Item 206 Cement Stabilized Subgrade and Cement shall be removed from the project.
- C) ODOT Item 253 Pavement Repair, As Per Plan, shall be added with a 100 S.Y. contingency quantity to address any areas that may need repair after the pavement planing has taken place. This work will only occur as directed by the Engineer and shall be completed in accordance with the Pavement Repair Detail shown on the attached “Addendum #2 - Project Details”.
- D) ODOT Item 254 Pavement Planing shall be added to the Revised Bid Form to reflect a 3” mill of the entire surface area within the project limits on South Main Street at a quantity of 8,329 S.Y.
- E) ODOT Item 644 Railroad Symbol Marking shall be added to the Revised Bid Form at a quantity of 2 each to be placed on each side of the railroad crossing.

Yankee Road Improvements – Alternate Bid #1 Change:

- F) The quantity for ODOT Item 203 Excavation of Subgrade shall be changed to 52 C.Y. for removal of subgrade as described in General Plan Note #5 on the Technical Specifications page of the Contract Documents Manual.
- G) The quantity for ODOT Item 206 Cement (6%) shall be changed to 38 Tons.

Yankee Road Improvements - Alternate Bid #2 Change:

- H) The quantity for ODOT Item 206 Cement (6%) shall be changed to 78 Tons.

Add South Main Street - Alternate Bid #3:

- I) Addition of placement of Star Grid G+PG into a PG 64-22 tack coat in lieu of the single chip seal course on South Main Street only with a quantity of 8,329 S.Y..

3. TECHNICAL SPECIFICATIONS – GENERAL PLAN NOTES

Project clarifications to be included with the General Plan Notes are as follows:

- A) Water needed for the completion of the full-depth reclamation process on Yankee Road may be available through the City of Middletown. Past projects completed by the City have included provisions for a master meter provided to a Contractor to access water from their system. This detail will need to be coordinated by the Contractor and a third-party since Lemon Township does not own a water system of any type.
- B) The Base Bid and any Alternate Bid to be performed may be completed with one mobilization.
- C) Local traffic will need to be maintained on both South Main Street and Yankee Road so residents living in the project areas can access their homes. Coordination with the residents for closure of their driveways will be the responsibility of the Contractor. Contractor shall comply with ODOT Item 614 Maintaining Traffic as modified in General Plan Note #8.

CHANGES/CLARIFICATIONS TO CONSTRUCTION PLANS

4. Sheet #2 of 3, Plan Sheet

- A. The South Main Street Pavement Reconstruction Detail shown on this Sheet #2 of 3 shall be replaced with the South Main Street Pavement Reconstruction Detail shown on the attached sheet entitled “Addendum #2 – Project Details”. This detail removes the ODOT 206 12” Cement Stabilized Subgrade from the project and adds 3” of pavement planing. The ODOT Item 422 Single Chip Seal Surface Course, As Per Plan, remains a project component and has been added to the Typical Detail since it was inadvertently left out of the original Detail. Adjustments to the Bid Form reflect the change in Estimated Quantities from those originally shown on this Sheet #2 of 3.
- B. A detail for ODOT Item 253 Pavement Repair, As Per Plan, is being added to the project for South Main Street based on the Pavement Repair Detail shown on the attached sheet entitled “Addendum #2 – Project Details”.

5. Sheet #3 of 3, Plan View – Alternate #1 & #2

- A. The Yankee Road Pavement Reconstruction Details and Estimated Quantities shall be changed to reflect a 10” Cement Stabilized Subgrade with Linear Grading to correspond with General Plan Note #7 on the Technical Specifications page of the Contract Documents Manual and the Revised Bid Form.

6. Alternate Bid #3 – Project Detail

- A. A project detail for the addition of Alternate #3 has been attached hereto. Alternate #3 will provide for placement of a Star Grid material between the planed surface and the ODOT Item 448 Asphalt Concrete Intermediate Course in lieu of placing the ODOT Item 422 Single Chip Seal Course in the same location. Bidder’s will provide a unit price cost for this option. Should this option be chosen, the single chip seal course item will be removed from the Base Bid.

End of Addendum

Attachments: Revised Bid Form, Section 00 41 43
Addendum #2 – Project Details for Base Bid & Alternate Bid #3

REVISED BID FORM

00 41 43

ARTICLE 1 - BID RECIPIENT

- 1.01 This Bid is submitted to: **[Lemon Township, Butler County, Ohio]**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
 - A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

<u>Addendum No.</u>	<u>Addendum, Date</u>
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods,

techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.
- K. Bidder agrees that the contracting authority reserves the right to reject any or all bids, to waive any informalities or irregularities in the bids received, and to accept that bid which is considered lowest and to the best interest of the Owner.

ARTICLE 4 - BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5 - BASIS OF BID

- 5.01 Bidder agrees that any item not specifically shown or called out on the plans or within the specifications, but is required to complete the work in place and fully operational, shall be included in the bid item that is most closely associated with that portion of the work.
- 5.02 Bidder will complete the Work in accordance with the Contract Documents for the following price(s) and will contract to do all the work and furnish all the materials called for by said plans and specifications, and in consideration thereof, to accept from the Owner as full payment for the completion of each specified item and any required maintenance thereof as hereinafter provided, for the following prices;

SOUTH MAIN STREET RECONSTRUCTION - BASE BID

Item No.	Description	Unit	Est. Qty.	Material Price	Labor Price	Bid Unit Price	Bid Price
203	Excavation of Berm	C.Y.	82				
253	Pavement Repair, As Per Plan	S.Y.	100				
254	3" Pavement Planing	S.Y.	8,329				
407	Tack Coat	Gal.	833				
411	Stabilized Crushed Aggregate (2' x 3")	C.Y.	82				
422	Single Chip Seal Surface Course, As Per Plan	S.Y.	8,329				
448	1 1/4" Asphalt Concrete Surface Type 1, PG 64-22	C.Y.	288				
448	1 3/4" Asphalt Concrete Intermediate Type 2, PG 64-22	C.Y.	405				
614	Maintaining Traffic	Lump	1				
624	Mobilization	Lump	1				
644	Center Line	Mile	0.50				
644	Edge Line	Mile	1.0				
644	Stop Bar	L.F.	22				
644	Railroad Symbol Marking	Each	2				
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	S.Y.	8,329				
Spec.	Water Valves and Manholes Adjusted to Grade	Lump	1				
Spec.	Bond Expense	Lump	1				
Total of All Base Bid Price Items						\$	

Total of Lump Sum and Unit Price Bids = Total Base Bid Price:

(in words)

ALTERNATE BID #1 - YANKEE ROAD IMPROVEMENTS

Item No.	Description	Unit	Est. Qty.	Material Price	Labor Price	Bid Unit Price	Bid Price
203	Excavation of Subgrade	C.Y.	52				
206	Cement Stabilized Subgrade, 10" Deep with Linear Grading	S.Y.	1,251				
206	Cement (6%)	Tons	38				
422	Single Chip Seal Surface Course, As Per Plan	S.Y.	1,251				
407	Tack Coat	Gal.	250				
411	Stabilized Crushed Aggregate (2' x 4")	C.Y.	10				
448	1 1/2" Asphalt Concrete Surface Type 1, PG 64-22	C.Y.	52				
448	1 1/2" Asphalt Concrete Intermediate Type 2, PG 64-22	C.Y.	105				
614	Maintaining Traffic	Lump	1				
624	Mobilization	Lump	1				
644	Center Line	Mile	0.20				
644	Edge Line	Mile	0.40				
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	S.Y.	2,502				
Spec.	Bond Expense	Lump	1				
Total of All Alternate Bid #1 Price Items						\$	

Total of Lump Sum and Unit Price Bids = Total Alternate #1 Bid Price:

(in words)

ALTERNATE BID #2 - YANKEE ROAD IMPROVEMENTS

Item No.	Description	Unit	Est. Qty.	Material Price	Labor Price	Bid Unit Price	Bid Price
203	Excavation of Subgrade	C.Y.	210				
206	Cement Stabilized Subgrade, 10" Deep with Linear Grading	S.Y.	2,502				
206	Cement (6%)	Tons	78				
422	Single Chip Seal Surface Course, As Per Plan	S.Y.	2,502				
407	Tack Coat	Gal.	250				

411	Stabilized Crushed Aggregate (2' x 4")	C.Y.	10				
448	1 1/2" Asphalt Concrete Surface Type 1, PG 64-22	C.Y.	105				
448	1 1/2" Asphalt Concrete Intermediate Type 2, PG 64-22	C.Y.	105				
614	Maintaining Traffic	Lump	1				
624	Mobilization	Lump	1				
644	Center Line	Mile	0.20				
644	Edge Line	Mile	0.40				
32 12 34	Asphalt Rejuvenating Agent (Reclamite)	S.Y.	2,502				
Spec.	Bond Expense	Lump	1				
Total of All Alternate Bid #2 Price Items						\$	

Total of Lump Sum and Unit Price Bids = Total Alternate Bid #2 Price:

(in words)

ALTERNATE BID #3 – SOUTH MAIN STREET RECONSTRUCTION – STAR GRID OPTION*

**To be used in lieu of Single Chip Seal Course, which will be deleted from Base Bid if Alternate #3 is chosen.*

Item No.	Description	Unit	Est. Qty.	Material Price	Labor Price	Bid Unit Price	Bid Price
Spec	Excavation of Subgrade	S.Y.	8,329				
Total of All Alternate Bid #3:						\$	

Total of Alternate Bid #3:

(in words)

Bidder acknowledges that:

- (1) Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item;
- (2) Estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all unit price Bid items will be based on actual quantities, determined as provided in the Contract Documents; and
- (3) The Owner reserves the right to add or delete such quantities within the scope of the project as deemed necessary without in any way invalidating the Unit Prices bid.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before July 31, 2016.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages in the amount of \$500.00 for every consecutive day after the stated date in the Notice to Proceed and along with any time extension given per a Change Order.

ARTICLE 7 - ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
 - A. Required Bid security;
 - B. Affidavit for Corporation;
 - C. Required Bidder Qualification Statement with supporting data;
 - D. List of Proposed Subcontractors;
 - E. Non-Collusion Affidavit; and
 - F. Valid Certificate of Compliance for Equal Employment Opportunity or OPWC EEO Certification

ARTICLE 8 - DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: _____
[Signature] _____

[Printed name] _____
(If Bidder is a corporation, limited liability company, partnership or joint venture, attach evidence of authority to sign.)

Address for giving notices:

Telephone Number: _____

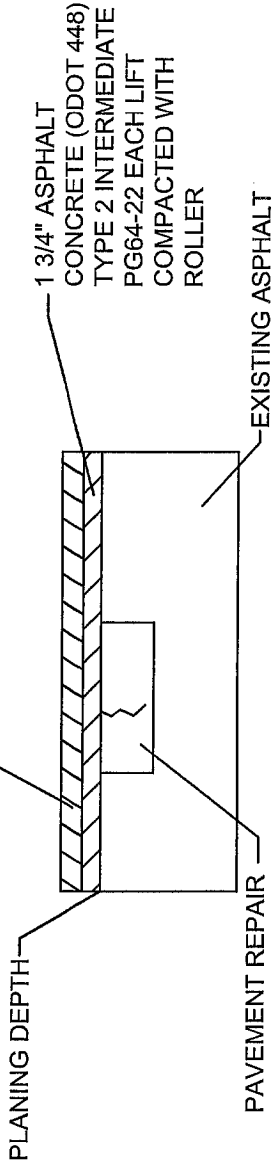
Fax Number: _____

Contact Name and e-mail address: _____

Bidder's Federal ID No.: _____

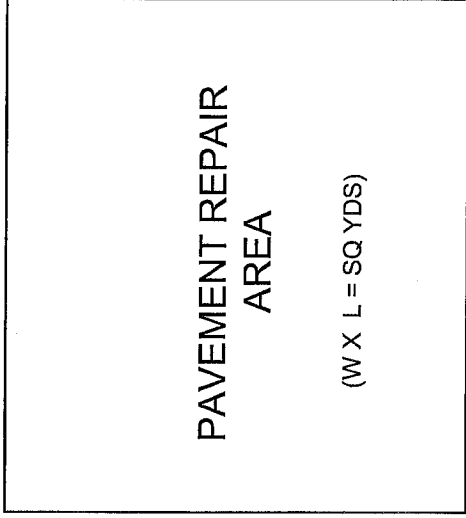
BASE BID

1 1/4" ASPHALT CONCRETE (ODOT 448) TYPE 2 SURFACE PG64-22 EACH LIFT COMPACTED WITH ROLLER

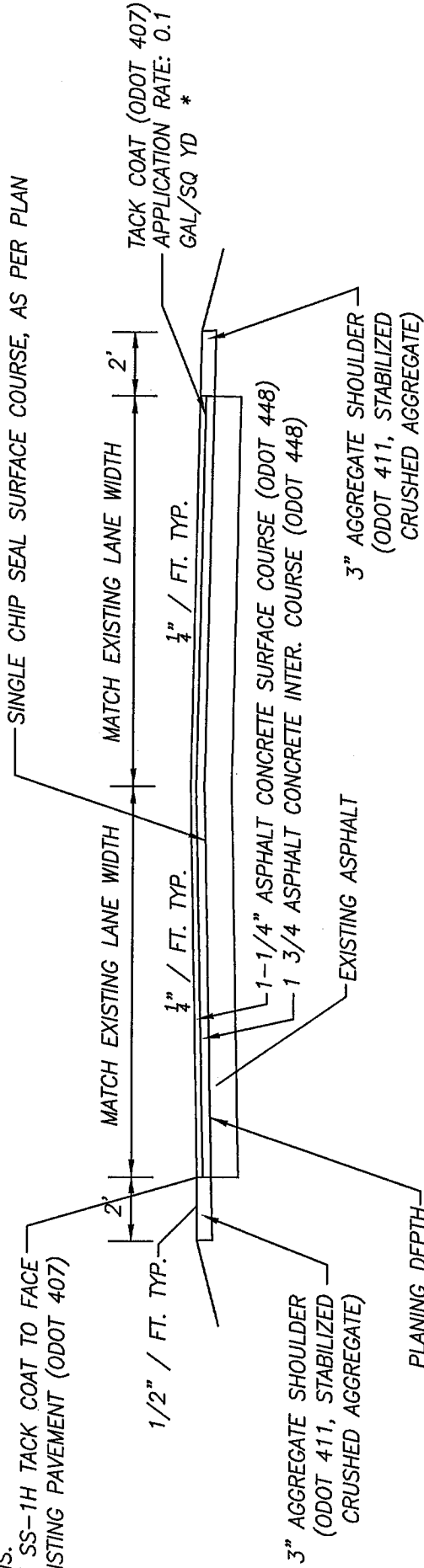


PLANE AND FILL AS DIRECTED BY ENGINEER
 (1" - 3" DEPTH - FILL WITH ASPHALT CONCRETE (ODOT 448) TYPE 2 INTERMEDIATE

PAVEMENT REPAIR DETAIL
 (ODOT 253)



MATCH EXISTING CURB AND DRIVE APRONS.
 APPLY SS-1H TACK COAT TO FACE OF EXISTING PAVEMENT (ODOT 407)



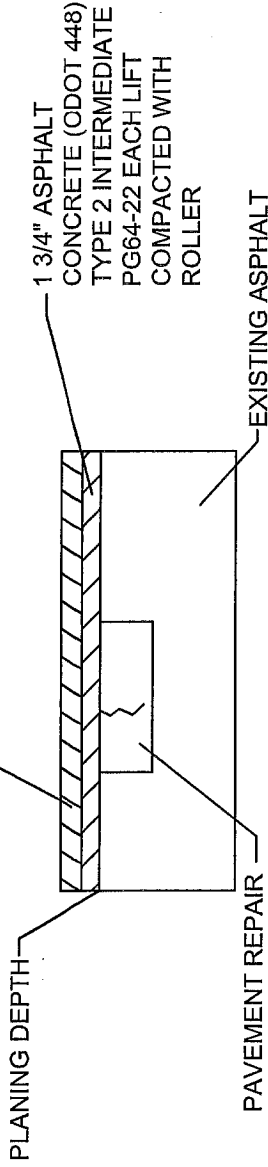
SOUTH MAIN ST. PAVEMENT RECONSTRUCTION DETAIL

* TACK COAT BETWEEN SURFACE AND INTERMEDIATE COURSE MAY BE NON-PERFORMED IF SURFACE COURSE IS PLACED WITHIN 24 HOURS AFTER INTERMEDIATE COURSE ONTO A CLEAN SURFACE.

Mote & Associates Engineering, Land Surveying	ADDENDUM #2 - PROJECT DETAILS S. MAIN RECONSTRUCTION LEMON TWP. TRUSTEES		PROJ. NO: BC10071914	DWG. NO: 1A198	SCALE: NO SCALE
	DRAWN: MSV	CHECKED: JLM	DATE: 09/01/15	SHEET NO: 1 OF 1	

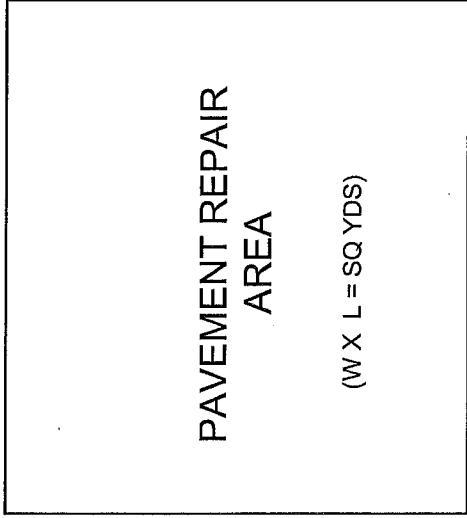
ALTERNATE BID #3

1 1/4" ASPHALT CONCRETE (ODOT 448) TYPE 2 SURFACE PG64-22 EACH LIFT COMPACTED WITH ROLLER



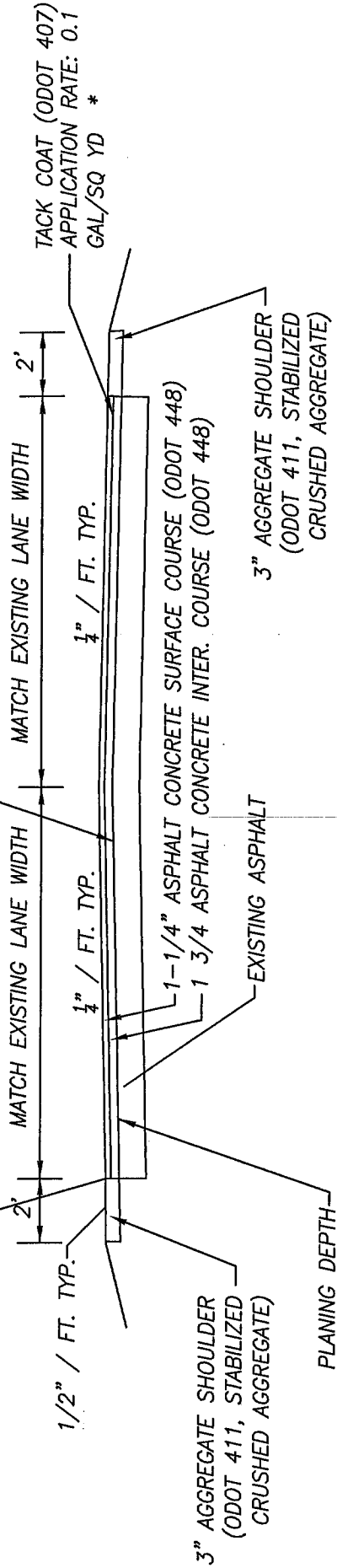
PAVEMENT REPAIR AREA
 PLANE AND FILL AS DIRECTED BY ENGINEER
 (1" - 3" DEPTH - FILL WITH ASPHALT CONCRETE (ODOT 448) TYPE 2 INTERMEDIATE)

PAVEMENT REPAIR DETAIL
 (ODOT 253)



MATCH EXISTING CURB AND DRIVE APRONS.
 APPLY SS-1H TACK COAT TO FACE OF EXISTING PAVEMENT (ODOT 407)

STAR GRID G+PF APPLIED INTO A 'PG 64-22 TACK COAT'. COST OF PG 64-22 TACK COAT SHALL BE INCLUDED IN COST OF 'STAR GRID', TACK APPLICATION RATE = 0.15 GAL/SQ YD.



SOUTH MAIN ST. PAVEMENT RECONSTRUCTION DETAIL

* TACK COAT BETWEEN SURFACE AND INTERMEDIATE COURSE MAY BE NON-PERFORMED IF SURFACE COURSE IS PLACED WITHIN 24 HOURS AFTER INTERMEDIATE COURSE ONTO A CLEAN SURFACE.