THE STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS FOR:

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA FROM DUPONT PARKWAY
TO APPOQUINIMINK RIVER

CONTRACT NUMBER: T201606117
FEDERAL AID PROJECT NUMBER: N/A

COUNTY: NEW CASTLE
M.R. #: 441

LOCATION MAP
SCALE: 1" = 1600'

PREPARED BY
ACON TECHNICAL SERVICES, INC.

APPROVED FOR ADVERTISEMENT

10/20/17

136
GENERAL NOTES

1. This project is to be constructed in accordance with the Delaware Department of Transportation "Standard Specifications", dated August 2016 and the Delaware Department of Transportation "Standard Construction Details", dated June, including all revisions up to the date of advertisement.

2. DRAWING NUMBER FOR THIS PROJECT

1. 1. WHEEL - CONTRACTOR DRAWING NUMBER AS DEFINED IN SECTION 6.3 OF THE DELAWARE SECTOR PLANS AND ESTIMATOR'S Modules

1. 2. SLOT - CONTRACTOR DRAWING NUMBER AS DEFINED IN SECTION 6.3 OF THE DELAWARE SECTOR PLANS AND ESTIMATOR'S Modules

3. ELECTRONIC PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE AWARDED CONTRACTOR, INCLUDE:

1. 1. NONE

1. 2. PROJECT FILE FOR CONTRACTOR'S OWN USE

1. 3. PROJECT FILE FOR CONTRACTOR'S OWN USE

4. PROJECT FILES THAT WILL BE MADE AVAILABLE TO THE CONTRACTOR, INCLUDE:

1. 1. SPECIFICATIONS, DATED AUGUST 2016

1. 2. DEPARTMENT OF TRANSPORTATION "STANDARD CONSTRUCTION DETAILS"

1. 3. EROSION POTENTIAL

1. 4. RIGHT-OF-WAY PLANS

5. THE ADDITIONAL IMPERVIOUS AREA FOR THIS PROJECT IS 451 SQUARE FEET.

PROJECT NOTES

SECTION 100

1. Any charges to torn notes to be released on next day by the contractor, at the discretion of the engineer, shall be repaired and/or replaced in kind and at the contractor's expense.

SECTION 200

1. Items to be removed under Item 211000 - Removal of Structures and Obstructions shall include, but not be limited to the following:

A. exisiting pedestrian signal pole

B. any paving material on top of foundation of existing pavement

C. any metallic materials on top of existing pavement

D. any metallic materials on top of pavement

E. any metallic materials on top of pavement

F. any metallic materials on top of pavement

1. The contractor may elect to use any of the following materials to meet the requirements of Item 301000 - Graded Aggregate Base Course, Type "B":

A. CRUSHED STONE (PER STANDARD SPECIFICATION 1005)

B. CRUSHED CONCRETE (PER STANDARD SPECIFICATION 1005)

C. HOOT-MIX MILLINGS (PER SPECIAL PROVISION 301500 - Milled Hot-Mix Base Course)

1. The contractor shall not be allowed to use different materials for millings from different sources to meet the requirements of Item 301000 - Graded Aggregate Base Course, Type "B".

1. All of the above listed materials will be used for use on the new project. Provided they are separated and approved by the Engineer, each and every lot of materials from a single source, full depth, in order to be placed in accordance with the requirements of Special Provision 301500 - Milled Hot-Mix Base Course.

1. The quantity used for base of each of the above listed materials will be the contractor's choice, with the total amount the approved quantity of Item 301000 - Graded Aggregate Base Course, Type "B".

1. The contractor may also elect to provide metal from the materials that are approved by the standard specifications, the choice of the quantity of millings used for this purpose, for the base course, lies within the discretion of the contractor. All materials shall be determined by the contractor. The contractor shall become property of the contractor.

1. Millings may be generated from the following sources:

A. millings generated from the new pavement

B. millings generated from the new pavement

1. The contractor shall not be allowed to use different materials for millings from different sources to meet the requirements of Item 301000 - Graded Aggregate Base Course, Type "B".

1. The cost of millings used for this purpose will be paid at the unit price bid for Item 301000 - Graded Aggregate Base Course, Type "B".

1. TO SCALE

SECTION 400

1. The payment for paving, patching, resealing, replacement, etc. shall be 2" Graded Aggregate Base Course, Type "B", unless otherwise noted on the plans.

SECTION 700

1. GRADE CONTROL STAKES ADJACENT TO THE ROADSIDE WITH THE PROJECT LIMITS, WHICH ARE NOT TO SCALE FOR THIS WORK, THE LIMITS OF THE PROJECT UNDER CONSTRUCTION SHALL BE DETERMINED BY THE CONTRACTOR AND SHALL BE DETERMINED BY THE ENGINEER. ALL COSTS TO UTILIZE MILLINGS IN RECYCLED HOT-MIX MILLINGS USED FOR BASE COURSE SHALL BE INCLUDED IN THE PAVEMENT MATERIALS USED FOR THE CONTRACTOR MAY BE RECYCLED INTO HOT-MIX MILLINGS USED FOR BASE COURSE.

1. ALL MILLINGS GENERATED UNDER ITEM 301500 UTILIZING A SHEEPSFOOT ROLLER (MINIMAL 50 TON STATIC ROLLER).

1. THE PAVEMENT SECTION FOR FLEXIBLE PAVEMENT RESIDENTIAL DRIVEWAYS SHALL BE 2" BITUMINOUS CONCRETE, TYPE 'C' OVER 8" CRUSHED STONE (PER STANDARD SPECIFICATION 1005) FULL DEPTH, IN ORDER THAT PROPER TESTING MAY BE ACCOMPLISHED.

1. THE CONTRACTOR AND DELDOT'S PROJECT ENGINEER SHALL AGREE ON THE LIMITS OF EACH SOURCE OF MATERIAL PRIOR TO PLACEMENT. MILLINGS USED FOR BASE COURSE SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF SPECIAL PROVISION 301500 - Milled Hot-Mix Base Course.

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SIDEWALK WITH CURB REPLACEMENT

NOT TO SCALE

PHOTOGRAPHICALLY REDUCED DRAWING

 LEGEND
1. ITEM 705001 - P.C.C. SIDEWALK, 4" OVER 4" GRADED AGGREGATE BASE COURSE, TYPE B
2. ITEM 401005 - SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)
3. ITEM 705504 - BRICK AND/ OR BLOCK SIDEWALK OVER P.C.C. SIDEWALK, 4" OVER 6" GRADED AGGREGATE BASE COURSE, TYPE B (SEE CP SHEETS FOR CURB TYPE)
4. ITEM 701XXX - P.C.C. CURB, TYPE 1 ON 4" GRADED AGGREGATE BEDDING, TYPE B

ITEM 908016 - PERMANENT GRASS SEEDING, SUBDIVISION

SIDEWALK WITH CURB REPLACEMENT

NOT TO SCALE

TYPICAL SECTION NOTES
1. SIDEWALK WITH CURB REPLACEMENT: REMOVE EXISTING SIDEWALK AND CURB WITH THE LIMITS SHOWN. EXTEND SIDEWALK REMOVAL AND RECONSTRUCTION LIMITS TO THE NEAREST JOINT.
2. FOR PAVEMENT SECTION CONFIRM TYPICAL SECTION LAYERS WITH EXISTING ROADWAY CONDITIONS, AND MAKE ADJUSTMENTS AS NECESSARY.
3. FOLLOW BRICK SIDEWALK DETAIL FOR BRICK SIDEWALK RECONSTRUCTION LIMITS SHOWN IN CONSTRUCTION PLAN. MATCH EXISTING BRICK PATTERNS.
4. SIDEWALK WITH CURB REPLACEMENT: REMOVE EXISTING SIDEWALK AND CURB WITHIN THE LIMITS SHOWN, EXTEND LIMITS OF RECONSTRUCTION TO THE NEAREST SIDEWALK JOINT, SAW CUT CURB AND PAVEMENT AS NECESSARY.

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA
TYPICAL DITCH SECTION
STA. 32+55 TO STA. 33+37
NOT TO SCALE

1. FOR PAVEMENT SECTION CONFIRM TYPICAL SECTION LAYERS WITH EXISTING ROADWAY CONDITIONS, AND MAKE ADJUSTMENTS AS NECESSARY.
2. FOR PAVEMENT SECTION PORTIONS OF THE WESTBOUND SHOULDER WITHIN THE STATION LIMITS SHOWN WILL NEED TO BE RECONSTRUCTED ALONG WITH THE DITCH DUE TO EROSION OF THE EXISTING SUBBASE. CONFIRM THE LIMITS OF RECONSTRUCTION SHOWN HERE WITH EXISTING ROADWAY CONDITIONS, AND MAKE ADJUSTMENTS AS NECESSARY.

TYPICAL DITCH SECTION
STA. 33+37 TO STA. 33+68
NOT TO SCALE

1. WHEREVER POSSIBLE REUSE EXISTING CHANNEL’S STONE WHEREVER POSSIBLE.

LEGEND

ITEM 705001 - P.C.C. SIDEWALK, 4" OVER 4" GRADED AGGREGATE BASE COURSE, TYPE B
ITEM 705002 - P.C.C. SIDEWALK, 6" OVER 6" GRADED AGGREGATE BASE COURSE, TYPE B
ITEM 705003 - GEOTEXTILES, RIPRAP

ITEM 401005- SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)
ITEM 401029- BITUMINOUS CONCRETE, SUPERPAVE, TYPE C, PG 64-22, PATCHING
ITEM 401030- BITUMINOUS CONCRETE, SUPERPAVE, TYPE B, BASE COURSE, PG 64-22, PATCHING
ITEM 401031- BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE

ITEM 707001 - RIPRAP, R-4
ITEM 705504- BROAD ANCHOR BLOCK SIDEWALK OVER P.C.C. SIDEWALK, 4" OVER 6" GRADED AGGREGATE BASED COURSE, TYPE B
ITEM 705505- SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)
ITEM 705502 - P.C.C. SIDEWALK, 6" OVER 6" GRADED AGGREGATE BASE COURSE, TYPE B
ITEM 707003 - RIPRAP, R-4
ITEM 708003 - GEOTEXTILES, RIPRAP

NOT TO SCALE
PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET, ODESSA

ADDENDA / REVISIONS

TYPICAL SECTIONS

MAIN STREET ODESSA
NORTH XVII, 2016
PAVEMENT & REHABILITATION
COUNTY
DESIGNED BY:
CHECKED BY:
N/A
BRIDGE NO.
NEW CASTLE

NOT TO SCALE

LEGEND

ITEM 705001 - P.C.C. SIDEWALK, 4" OVER 4" GRADED AGGREGATE BASE COURSE, TYPE B
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ITEM 705502 - P.C.C. SIDEWALK, 6" OVER 6" GRADED AGGREGATE BASE COURSE, TYPE B
ITEM 707003 - RIPRAP, R-4
ITEM 708003 - GEOTEXTILES, RIPRAP

NOT TO SCALE
NOTES:

1. SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION REGARDING THE LOCATION OF EACH CURB TYPE.

2. IF UNFORESEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT-OF-WAY.

4. CONSTRUCT SIDEWALK AS SHOWN AND IN ACCORDANCE WITH STD. NO. M-3.

5. EXISTING RIGHT-OF-WAY IS SHOWN FOR INFORMATIONAL PURPOSE ONLY. RIGHT-OF-WAY AS SHOWN IS BASED ON CONTRACTS 89-074-01, 1072, AND NO45.

6. WHERE A RIGHT TO ENTER LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT TO ENTER DELAWARE CODE TO ENTER ONTO PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT THE PUBLIC EXPENSE.

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA

CURB SCHEDULE

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NORTHEAST AND NORTHWEST CORNER OF DUPONT PKWY SB
AND MAIN STREET

COORDINATE LIST

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NORTH EAST CORNER OF PARKING LOT AT
LORENZO’S PIZZA AND MAIN STREET

LEGEND

- SD-OR PLATTED LANDING AREAS

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA

SCALE 1" = 40'
NOTES:

E. See construction details for additional information regarding the location of each curb type.

2. If unforeseen physical limitations are encountered during construction, the contractor shall stop work and notify the engineer. The contractor shall resume work activities after the engineer determines if the plan needs to be modified or revised.

3. It is the responsibility of the contractor to use the proper construction equipment as necessary to meet accessibility requirements as set forth in Delaware's Pedestrian Accessibility Standards for facilities in the public right of way.

4. Construct sidewalk as shown and in accordance with STD. NO. M-2.

5. Existing right-of-way is shown for informational purpose only. Right-of-way as shown is based on contracts 89-074-01, 1072, and N245.

6. Where a right to enter (RTE) line is designated on the plans, it indicates locations where the department already has the right under Delaware Code to enter onto private property to maintain, repair or reconstruct facilities used by the public and maintained at public expense.

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET, ODESSA

Curb Schedule

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NORTHEAST AND NORTHWEST CORNER OF NORTH 4TH STREET AND MAIN STREET
NOTES:

1. SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION REGARDING THE LOCATION OF EACH CURB TYPE.

2. IF UNFORTUNATE PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL
   STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE
   ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS
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   STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT OF WAY.

4. CONSTRUCT SIDEWALK AS SHOWN AND IN ACCORDANCE WITH STD. NO. M-3

5. EXISTING RIGHT-OF-WAY IS SHOWN FOR INFORMATIONAL PURPOSE ONLY. RIGHT-OF-WAY AS SHOWN IS BASED
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5. WHERE A RIGHT TO ENTER PRIVACY LINE IS DESIGNATED ON THE PLANS, IT INDICATES LOCATIONS WHERE THE DEPARTMENT ALREADY HAS THE RIGHT TO ENTER PRIVATE PROPERTY TO MAINTAIN, REPAIR OR RECONSTRUCT FACILITIES USED BY THE PUBLIC AND MAINTAINED AT THE PUBLIC EXPENSES.
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COORDINATE LIST

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LEGEND

- 50:1 OR FLATTER LANDING AREAS
### Coordinate List

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**Proposed Channel Along Main Street**

At the intersection with Front Street.
NOTES:

1. SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION REGARDING THE LOCATION OF EACH CURB TYPE.

2. IF UNFORESEEN PHYSICAL LIMITATIONS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL STOP WORK AND NOTIFY THE ENGINEER. THE CONTRACTOR SHALL RESUME WORK ACTIVITIES AFTER THE ENGINEER DETERMINES IF THE PLAN NEEDS TO BE MODIFIED OR REVISED.

3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO USE THE PROPER CONSTRUCTION EQUIPMENT AS NECESSARY TO MEET ACCESSIBILITY REQUIREMENTS AS SET FORTH IN DELDOT'S PEDESTRIAN ACCESSIBILITY STANDARDS FOR FACILITIES IN THE PUBLIC RIGHT OF WAY.

4. CONSTRUCT SIDEWALK AS SHOWN AND IN ACCORDANCE WITH STD. NO. A-3.

5. EXISTING RIGHT-OF-WAY IS SHOWN FOR INFORMATIONAL PURPOSE ONLY; RIGHT-OF-WAY AS SHOWN IS BASED ON CONTRACTS 89-074-01 AND 1072.

CONSTRUCTION PLAN

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODessa

SCALE: 1" = 20' 0"

MATCH LINE STA 33+50

MAIN STREET (SR 299)
EDGE OF HOT MIX
HOT MIX ROAD
BRIDGE DECK
HOT MIX DRIVEWAY
SR 299 WEST
MAIN ST
NORTH XVII, 2016
PAVEMENT & REHABILITATION
CONTRACT
T201606117
COUNTY
DESIGNED BY:
CHECKED BY:
N/A
BRIDGE NO.
NEW CASTLE

ADDENDA / REVISIONS
SECTION SHEET NO.

NOTES:

1. SEE CONSTRUCTION DETAILS FOR ADDITIONAL INFORMATION REGARDING THE LOCATION OF EACH CURB TYPE.

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CONSTRUCTION PLAN

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODessa

SCALE: 1" = 20' 0"

MATCH LINE STA 33+50

MAIN STREET (SR 299)
EDGE OF HOT MIX
HOT MIX ROAD
BRIDGE DECK
HOT MIX DRIVEWAY
SR 299 WEST
MAIN ST
NORTH XVII, 2016
PAVEMENT & REHABILITATION
CONTRACT
T201606117
COUNTY
DESIGNED BY:
CHECKED BY:
N/A
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EXISTING PIPES WITH "*" ARE ESTIMATED BASED ON PROJECT'S LIMITS AND TEST HOLE DATA.

NOTES:
NOTES:

1. WIDENING OF TRAFFIC DURING LANE CLOSURES AND LANE SHIFTS SHALL CONFORM TO THE FOLLOWING:
   a) CSA 04
   b) CSA 07
   c) CSA 11
2. NO SEPARATE PAYMENT SHALL BE MADE FOR MILLINGS OR GABC TEMPORARY ROADWAY MATERIAL (TRM) USED TO
   REPAIR, TAPERED EDGE FOR UTILITIES, BUTT JOINTS, AND LONGITUDINAL DROP-OFFS (MILLING AND PAVING OPERATIONS)
   3. PROTECT EDGE DROP-OFFS, UNLESS THE MATERIAL IS EVENTUALLY UTILIZED AS PART OF A PERMANENT ROADWAY AT
   a) DRIVEWAYS
   b) LOW VOLUME ACCESS RAMPS (IDENTIFIED IN THE CONTRACT DOCUMENTS)
   c) EDGE DROP-OFFS ADJACENT TO LIVE ROADWAY (LANES AND SHOULDER) AND THE PROPOSED ROAD CONSTRUCTION
   d) EDGE DROP-OFF NEEDS TO BE MAINTAINED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE ENGINEER
   WHILE THE WORK IS IN PROGRESS.
4. TEMPORARY TRAVEL LANE CLOSURES ALLOWED
   a) TA-27 CLOSURE AT THE SIDE OR CENTER OF AN INTERSECTION
   b) TA-23 LANE CLOSURE ON THE FAR SIDE OF AN INTERSECTION
   c) TA-10 LANE CLOSURE ON A TWO-LANE ROAD USING FLAGGERS
   d) TA-3A WORK ON THE SHOULDER OF A MULTI-LANE, DIVIDED HIGHWAY
   e) TA-3 WORK ON THE SHOULDER OF A TWO-LANE ROAD
5. CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER FOR ANY OPERATION WHERE AN EXISTING SIGNALIZED INTERSECTION
   IS A "ROAD WORK AHEAD" SIGN SHALL BE PLACED AT A DISTANCE NOT LESS THAN 500 FEET IN ADVANCE OF THE
   CONTRACTOR SHALL HAVE AN ATSSA SUPERVISOR ASSIGNED TO THIS PROJECT. THE CONTRACTOR'S GENERAL
   SUPERVISING TRAFFIC OFFICER COORDINATING TRAFFIC CONSTRUCTION ON THE PROJECT WILL BE THE ATSSA SUPERVISOR.
   1. THE ABOVE ALLOWABLE TEMPORARY LANE CLOSURE TIMES APPLY TO ALL THROUGH LANES, EXIT LANES, AND INLET
   LANE CLOSURES FOR US 13 SHALL BE APPROVED BY THE ENGINEER. DRUM LAYOUT SHALL ACCOMMODATE LARGEST DESIGN VEHICLE EXPECTED TO USE ENTRANCE.
   a) FRIDAY
   10:00 AM
   b) THURSDAY
   10:00 AM
   c) WEDNESDAY
   7:00 AM
   d) TUESDAY
   7:00 AM
   e) MONDAY
   7:00 AM
   f) SUNDAY
   7:00 AM
   2. CONTRACTOR SHALL LIMIT LANE CLOSURES ON US 13 NORTHBOUND AND SOUTHBOUND TO ONLY
   3. THE DETAILS ON THE TRAFFIC CONTROL DEVICES AT ENTRANCES SHALL BE RESET TO MAIN PHASE AT END OF EACH WORKING DAY.
   4. THE CONTRACTOR SHALL PROVIDE ONE TRAFFIC OFFICER FOR ANY OPERATION WHERE AN EXISTING SIGNALIZED INTERSECTION
   IS A "ROAD WORK AHEAD" SIGN SHALL BE PLACED AT A DISTANCE NOT LESS THAN 500 FEET IN ADVANCE OF THE
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PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA

SEQUENCE OF CONSTRUCTION – PHASE 1

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN.
   AT THE BEGINNING OF EACH WORK DAY, PLACED ALL TEMPORARY WARNING SIGNS AND TRAFFIC CONTROL DEVICES FOR PHASE 1. MAINTAIN TRAFFIC USING TYPICAL APPLICATION 21-LANE CLOSURE ON THE NEAR SIDE OF THE INTERSECTION.

2. FLAGGERS SHALL BE PLACED AS SHOWN TO ESCORT PEDESTRIANS THROUGH ACTIVE WORK SIDEWALK TO CLOSE THE TYPICAL APPLICATION IN A SIDEWALK DIVERSION OR DETOUR.

3. REMOVE EXISTING CURB RAMP, SIDEWALK, AND CURB AND GUTTER WHERE SHOWN.

4. CONSTRUCT NEW CURB RAMPS, SIDEWALK, AND CURB AND GUTTER AS SHOWN.

5. AT THE END OF EACH WORKING DAY, RESTORE SIDEWALK TO ADA ACCESSIBILITY STANDARDS OR AS NECESSARY TO PREVENT UNAUTHORIZED USE.

6. CONSTRUCT NEW CURB RAMPS, SIDEWALK, AND CURB AND GUTTER AS SHOWN.

7. INSTALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN.

8. AT THE END OF EACH WORKING DAY, RESTORE SIDEWALK TO ORIGINAL CONFIGURATION AND RESTORE TRAFFIC.

9. STABILIZE ALL DISTURBED AREAS WITH TOPSOIL, SEED AND MULCH PRIOR TO REMOVAL OF SEDIMENT.
SEQUENCE OF CONSTRUCTION - PHASE 2

1. Install erosion and sediment control measures shown.
2. At beginning of each work day, place all temporary warning signs and traffic controls.
3. Flagger shall be placed as shown to direct traffic through active work zones.
4. Remove existing curb, sidewalks, and curb and gutter signs shown.
5. Phasing traffic flow arrow.
6. At the end of each working day, restore sidewalks to ADA accessibility standards as directed by engineer.
7. Assist and monitor traffic to establish proper phasing.
8. Establish all disturbed areas in the typical.

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET ODESSA
SEQUENCE OF CONSTRUCTION – PHASE 4

1. Install erosion and sediment control measures shown.
2. At the beginning of each working day, place all temporary warning signs and traffic control devices for Phase 4, maintain traffic using typical application 3. Work on the shoulder of a one-lane road or on Main Street and typical application 3a. Work on the shoulder of a multi-lane divided highway on US 13 NO.
3. Flagger(s) shall be placed as shown to escort pedestrians through active work areas. Sidewalks are closed using typical application 28 – temporary diversion or detour.
4. Install proposed pedestrian signal pole bases and conduits. DelDOT's traffic contractor shall install pedestrian signal poles and indications. Proposed pedestrian signals shall be functional prior to removal of existing pedestrian signals.
5. Remove existing pedestrian signal, pole base, and associated wiring from pole base to junction bell. Replace with existing conduit, coordinate with DelDOT traffic to move signal placed in pedestrian recall.
6. Remove existing curb ramps, sidewalks, and curb and gutter shown.
7. Construct new curb ramps, sidewalks, and curb and gutter shown.
8. At the end of each working day, restore sidewalks to ADA accessibility standards or as directed by DelDOT.
9. At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to Phase 5 traffic control.
10. Prior to completion of this phase, coordinate with DelDOT traffic to move fencing placed in normal work zone and activate pedestrian signal from button.
11. Stabilize all disturbed areas shown, and close to Phase 5 traffic control.

INLET SEDIMENT CONTROL

EROSION & SEDIMENT CONTROL

CONSTRUCTION PHASING & M.O.T

CONTROL PLAN - PHASE 4
UNOFFICIAL WEBSITE COPY
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WEBSITE 
COPY
SEQUENCE OF CONSTRUCTION - PHASE 9

1. Install erosion and sediment control measures as shown.

2. Prior to the end of each work day, place all temporary warning signs and traffic control devices shown as typical application 28 - work on the shoulder of a two-lane road.

3. Flagger shall be placed as shown to escort pedestrians through active work zone where sidewalks are closed using typical application 29 - pedestrian Protection on Shoulder.

4. Remove existing curb ramp, sidewalk, and curb and gutter where shown.

5. Construct new curb ramps, sidewalks, and curb and gutter as shown.

6. At the end of each working day, restore sidewalks to ADA accessibility standards or as directed by Engineer.

7. At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.

8. Stabilize all disturbed areas with topsoil, seeds and mulch prior to removal of sediment control devices and switch to Phase 10 traffic control.

CONSTRUCTION PHASING & M.O.T

- Installation of temporary warning signs and traffic control devices as shown.

- At the end of each working day, place all temporary warning signs and traffic control devices shown as typical application 28 - work on the shoulder of a two-lane road.

- Flagger shall be placed as shown to escort pedestrians through active work zone where sidewalks are closed using typical application 29 - pedestrian Protection on Shoulder.

- Remove existing curb ramp, sidewalk, and curb and gutter where shown.

- Construct new curb ramps, sidewalks, and curb and gutter as shown.

- At the end of each working day, restore sidewalks to ADA accessibility standards or as directed by Engineer.

- At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.

- Stabilize all disturbed areas with topsoil, seeds and mulch prior to removal of sediment control devices and switch to Phase 10 traffic control.
**SEQUENCE OF CONSTRUCTION – PHASE 10**

1. At beginning of each work day, place all temporary warning signs and traffic control devices per Phase 10. Maintain traffic on Main Street using typical application 9. Close Main Street in accordance with typical application 10A. See sheet 00 for pedestrian detour plan and sheet 06 for vehicular detour plan.
2. Flaggers shall be placed as shown to escort pedestrians through active work zone. Sidewalk is closed using typical application 28 - sidewalk diversion on setbar. Construct drainage system starting at point of construction and working upstream. Installing inlet sediment control with each inlet installation.
3. Remove existing curb ramp, sidewalk, driveway entrance, and curb and gutter where shown.
4. Construct new curb ramps, sidewalk, driveway entrance, and curb and gutter as shown.
5. At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.
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7. At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.
8. At the end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.
SEQUENCE OF CONSTRUCTION - PHASE 10

1. At beginning of each work day, place all temporary warning signs and traffic control devices and return traffic at end of each work day, using typical application 28 - sidewalk diversion or detour.

2. Flaggers shall be placed as shown to escort pedestrians through active work where sidewalks are closed using typical application 29 - pedestrian channelizing and working upstream.

3. Install inlet sediment control with each inlet installation.

4. Remove existing curb ramp, sidewalk, driveway entrance, and curb and gutter where shown.

5. Construct new curb ramps, sidewalk, driveway entrance, and curb and gutter as shown.

6. At the end of each working day, restore sidewalks to ADA accessibility standards or as directed by Engineer.

7. At end of each working day, remove all temporary warning signs and traffic control devices and return traffic to original configuration.

8. Stabilize all disturbed areas with topsoil, seeds and mulch prior to removal of sediment control devices and switch to phase 11 traffic control.

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CONSTRUCTION PHASING & M.O.T.

**BARRIERS**
- Concrete Safety Barrier - Portable
- Construction Safety Fence - Temporary
- Construction Warning Sign - Location
- Construction Warning Sign - Location
- Construction Warning Sign - Location
- Construction Warning Sign - Location
- Crash Cushion Array
- Drum - Traffic Control
- Flagger - Traffic Control
- Phasing Traffic Flow Arrow
- Temporary Construction
- Temporary Pavement Marking Arrow
- Truck with Mounted Attenuator
- Work Area - Active Phase

**EROSION & SEDIMENT CONTROL**
- Inlet Sediment Control

---

PAVEMENT & REHABILITATION
NORTH XVII, 2016
MAIN STREET, ODessa

**ADD PEDESTRIAN CHANNELIZING BARRIERS AND MULCH TO CREATE TEMPORARY PEDESTRIAN ACCESS ROUTE**

**FLAGGER FOR PEDESTRIAN ESCORT**

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MATCH LINE SHEET CS-11

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**PAVEMENT MARKINGS LEGEND**

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**Pavement & Rehabilitation**

**North XVII, 2016**

**Main Street, Odessa**

**Contract**

**T201606117**

**Scale**

**0-30-60-90**

**Design Team**

**B. Senger**

**P. Scott**

**Signed By - D. Scaggs**

**Prepared By - D. Scaggs**

**Addenda / Revisions**

**Section**

**Sheet No.**

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**PERMANENT SIGN SCHEDULE**

**SECTION 41**

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**ADJACENT WEAKENING**

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**SPECIAL NOTES**

- "New" must be used by DCDOT for traffic control.
- "Removal" must be used by DCDOT.
- "Permanent" must be used by DCDOT.

**ADJACENT WEAKENING**

- "New" must be used by DCDOT for traffic control.
- "Removal" must be used by DCDOT.
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**SIGNING, STRIPING AND CONDUIT PLAN**

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**SIGNING, STRIPING AND CONDUIT PLAN**

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