

Steven L. Beshear Governor Frankfort, Kentucky 40622 www.transportation.ky.gov/

Michael W. Hancock, P.E. Secretary

November 10, 2015

CALL NO. 118

CONTRACT ID NO. 151271

ADDENDUM # 1

Subject: Jefferson County, STP 8754 (007)

Letting November 20, 2015

(1) Revised - Plan Sheet - R29

(2) Added - CAP Note - Pages 1-3 of 3

Proposal revisions are available at $\frac{\text{http://transportation.ky.gov/Construction-Procurement/.}}{\text{Procurement/.}}$

Plan revisions are available at http://www.lynnimaging.com/kytransportation/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Rachel Mills, P.E.

Director

Division of Construction Procurement

Hachel Mille

RM:ks

Enclosures



A. ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF. WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED, GRADING AND DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DETOUR CONSTRUCTION".

B. ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.

C. ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS BARRICADES AND VERTICAL PANELS. PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.

3. ANY TEMPORARY TRAFFIC CONTROL ITEMS, DEVICES, MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.

4. THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND A FLAGPERSON ARE AT THE LOCATION.

5. THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

6. IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.

7. THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DETOURS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.

8. IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN, AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.

9. IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE. THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE FAIRDALE FIRE DEPARTMENT AT ALL TIMES. ANY CHANGES IN ACCESS TO THE FIRE DEPARTMENT SHALL BE APPROVED BY THE FIRE DEPARTMENT AND THE ENGINEER PRIOR TO INSTALLATION.

MAINTENANCE OF TRAFFIC

PEDESTRIAN SAFETY

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED THROUGHOUT ALL PHASES OF CONSTRUCTION. IF THE WORK ZONE AFFECTS THE MOVEMENT OF PEDESTRIANS, ADEQUATE PEDESTRIAN ACCESS AND WALKWAYS SHALL BE PROVIDED. IF THE WORK ZONE AFFECTS AN ACCESSIBLE AND DETECTABLE PEDESTRIAN FACILITY, THE ACCESSIBILITY AND DETECTABILITY SHALL BE MAINTAINED ALONG THE ALTERNATE PEDESTRIAN ROUTE. SEE SECTION 6D.01 (PEDESTRIAN CONSIDERATIONS) OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, CURRENT EDITION) FOR ADDITIONAL STANDARDS AND GUIDELINES.

LANE CLOSURES

THE SPECIFIED DURATION OF CLOSURE OF FAIRDALE ROAD SHALL BE LIMITED TO 15 DAYS. THE CONTRACTOR WILL BE ASSESSED AT THE RATE OF \$15000/DAY FOR EACH DAY BEYOND THE TIME PERIOD SPECIFIED HERE IN THESE PLANS.

TWO LANE TWO-WAY TRAFFIC SHALL BE MAINTAINED ON EACH ROADWAY AT ALL TIMES BETWEEN THE HOURS OF 6 A.M. AND 9 A.M.; 3 P.M. AND 7 P.M.; AND SHALL BE MAINTAINED DURING HOLIDAYS AND COMMUNITY FESTIVALS. AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MAY REDUCE TRAFFIC TO ONE LANE BY USING FLAGMEN ONLY BETWEEN THE HOURS OF 9 A.M. TO 3 P.M. AND 7 P.M. TO 6 A.M. AS DIRECTED BY THE ENGINEER. \$850/HOUR WILL BE CHARGED TO THE CONTRACTOR FOR EVERY HOUR OR PORTION THEREOF BEYOND 3 P.M. OR 6 A.M. THAT A ROADWAY REMAINS REDUCED TO ONE-LANE TRAFFIC WITHOUT THE SPECIFIC APPROVAL OF THE ENGINEER.

PAVEMENT DROP-OFF

A PAVEMENT EDGE THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

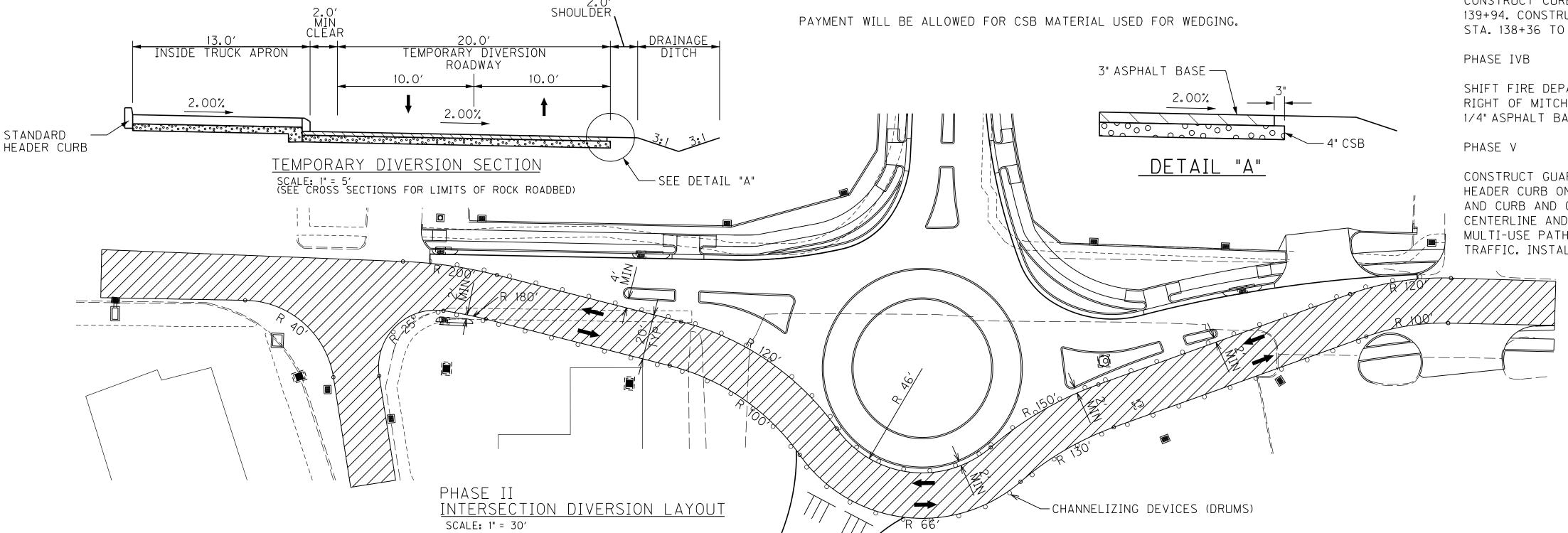
> * LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.

* TWO TO FOUR INCHES - PLASTIC DRUMS SHALL BE PLACED EVERY 50 FEET ON TANGENT AND CURVED SECTIONS. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, DURING DAYLIGHT HOURS. SPACING OF DEVICES ON TAPERED SECTIONS SHOULD BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

* GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FOUR FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION SHALL BE USED.

FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED WITH PLASTIC DRUMS FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

THE CONTRACTOR SHALL ONLY OPEN A DROP OFF/ DIGOUT AREA AT A LENGTH THAT CAN BE REFILLED DURING CONSTRUCTION THAT DAY.



PROJECT PHASING

PHASE I

MAINTAIN TRAFFIC ON EXISTING MANSLICK ROAD, MT. HOLLY ROAD, FAIRDALE ROAD AND MITCHELL HILL ROAD. CONSTRUCT UNDERGROUND CONDUIT SYSTEM FOR ELECTRIC, TELECOMMUNICATIONS AND ENTERTAINMENT FACILITIES. CONSTRUCT THE FOLLOWING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES: ST-5-1 (BOTTOM PHASE ONLY), ST-5-7, ST-5-8, ST-5-9, ST-5-10, ST-5-11, ST-5-13, ST-7-6, ST-7-7 (BOTTOM PHASE

COUNTY OF

JEFFERSON |

SHEET NO.

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ITEM NO.

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ONLY), ST-7-8, ST-7-9, ST-7-10, ST-7-11, ST-7-12, ST-13-7, ST-13-9, ST-13-10, ST-13-11, ST-15-1. ST-15-2. ST-15-3, ST-15-4 & ST-15-5. COVER BOTTOM PHASE OF ST-5-1 AND ST-7-7 WITH STEEL TRAFFIC PLATES. CONSTRUCT GRADE, DRAIN, CSB, 3" ASPHALT BASE, ISLAND AND STANDARD HEADER CURBS AND INSIDE TRUCK APRON FOR ROUNDABOUT FROM STA. 50+00 TO STA. 51+71 AND STA. 52+93 TO STA. 53+77. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE FOR PHASE II DIVERSION ROADWAY. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE, CURB AND GUTTER FOR NEW MITCHELL HILL ROAD FROM STA. 139+94 TO STA. 141+71 (STOP CURB AND GUTTER AT STA. 141+46). CONSTRUCT MOUNT HOLLY ROAD APPROACH SPLITTER ISLANDS. PLACE SIGNS FOR FAIRDALE ROAD DETOUR ROUTE (SEE DETOUR PLAN) AND ALL TEMPORARY TRAFFIC CONTROL DEVICES FOR THE PHASE II DIVERSION BYPASS. OMIT RAISED PAVEMENT MARKERS FOR DIVERSION ROADWAY.

PHASE II

MAINTAIN TRAFFIC ON EXISTING MITCHELL HILL ROAD. DIVERT TRAFFIC ON MANSLICK ROAD AND MT. HOLLY ROAD TO DIVERSION BYPASS. CLOSE FAIRDALE ROAD APPROACH AT STA. 111+35 FOR A PERIOD NOT TO EXCEED 15 DAYS. \$15.000/DAY OR \$1.000/HOUR WILL BE CHARGED TO THE CONTRACTOR FOR EVERY DAY (HOUR) THAT FAIRDALE ROAD REMAINS CLOSED BEYOND THIS PERIOD. ACCESS TO PARCELS 2 AND 6 SHALL BE MAINTAINED OFF OF FAIRDALE ROAD DURING THIS PHASE. CONSTRUCT THE FOLLOWING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES: ST-5-1 (TOP PHASE), ST-5-2, ST-5-3, ST-5-4, ST-5-5, ST-5-6, ST-7-1. ST-7-2. ST-7-3. ST-7-4. ST-7-5. ST-9-1. ST-9-2. ST-9-3 & ST-9-4. CONSTRUCT GRADE. DRAIN. CSB. 3" ASPHALT BASE, ISLAND AND STANDARD HEADER CURBS AND INSIDE TRUCK APRON FOR THE ROUNDABOUT FROM STA. 51+71 TO STA. 52+93. CONSTRUCT GRADE, DRAIN, CSB, 3" ASPHALT BASE, CURB AND GUTTER, SIDEWALK AND TRUCK APRON FOR THE FOLLOWING LOCATIONS: MANSLICK ROAD LEFT OF CENTERLINE FROM STA. 121+40 TO STA. 123+50; MT. HOLLY ROAD LEFT OF CENTERLINE FROM STA. 150+54 TO STA. 152+19; FAIRDALE ROAD FROM STA. 110+00 TO STA. 111+35: CONSTRUCT MANSLICK ROAD AND FAIRDALE ROAD APPROACH SPLITTER ISLANDS. PLACE ALL TEMPORARY OR PERMANENT TRAFFIC CONTROL DEVICES AND SIGNS FOR TRAFFIC TO USE THE COMPLETED ROUNDABOUT DURING THE REMAINING PORTION OF THE PROJECT.

PHASE III

MAINTAIN TRAFFIC ON EXISTING MITCHELL HILL ROAD. REOPEN FAIRDALE ROAD APPROACH TO TRAFFIC AND MAINTAIN TRAFFIC ON MANSLICK ROAD AND MT. HOLLY ROAD USING ROUNDABOUT. CONSTRUCT STORM SEWER STRUCTURE ST-5-12 WITH ITS OUTLET PIPE AND TOP PHASE FOR ST-7-7. CONSTRUCT CURB AND GUTTER AND TRUCK APRON FOR MANSLICK ROAD RIGHT OF CENTERLINE FROM STA. 121+34 TO STA. 123+01. CONSTRUCT CURB AND GUTTER FOR MT. HOLLY ROAD RIGHT OF CENTERLINE FROM STA. 150+00 TO STA. 151+34. CONSTRUCT MITCHELL HILL ROAD SPLITTER ISLANDS. CONSTRUCT REMAINING CURB AND GUTTER AND TRUCK APRON FOR NEW MITCHELL HILL FROM STA. 141+46 TO 141+98. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE COURSES FOR THE ROUNDABOUT AND APPROACHES OF MANSLICK ROAD, MT. HOLLY ROAD, FAIRDALE ROAD AND NEW MITCHELL HILL ROAD WHILE MAINTAINING TRAFFIC WITH FLAGMEN.

PHASE IV

CONSTRUCT REMAINING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES FOR MITCHELL HILL ROAD. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE FROM STA. 136+94 TO STA. 139+94. WEDGE PAVEMENT UNDER TRAFFIC. SHIFT TRAFFIC TO NEW MITCHELL HILL ROAD PAVEMENT AND ROUNDABOUT. CONSTRUCT CURB AND GUTTER LEFT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 136+94 TO STA. 139+94. MAINTAIN ACCESS TO PARCEL 13 AND PARCEL 14 FROM OLD MITCHELL HILL ROAD.

PHASE IVA

CONSTRUCT CURB AND GUTTER RIGHT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 138+36 TO STA. 139+94. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE AND CONCRETE ENTRANCE TO FIRE DEPARTMENT FROM STA. 138+36 TO STA. 139+94. MAINTAIN FIRE DEPARTMENT ACCESS BETWEEN STA. 137+60 AND STA. 138+36.

SHIFT FIRE DEPARTMENT ACCESS TO BETWEEN STA. 138+36 AND STA. 139+70. CONSTRUCT CURB AND GUTTER RIGHT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 137+44 TO STA. 138+36. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE AND CONCRETE ENTRANCE TO FIRE DEPARTMENT FROM STA. 137+44 TO STA. 138+36.

CONSTRUCT GUARDRAIL ON OLD MITCHELL HILL ROAD AT STA. 59+89. CONSTRUCT REMAINING STANDARD HEADER CURB ON MANSLICK ROAD RIGHT OF CENTERLINE FROM STA. 120+00 TO 120+94. CONSTRUCT SIDEWALK AND CURB AND GUTTER FOR OLD MITCHELL HILL ROAD FROM STA. 61+28 TO STA. 62+43 LEFT OF CENTERLINE AND STA. 62+23 TO STA. 62+35 RIGHT OF CENTERLINE. CONSTRUCT ALL REMAINING SIDEWALKS, MULTI-USE PATH AND FINAL PAVEMENT SURFACING FOR THE ROUNDABOUT AND ALL APPROACHES UNDER TRAFFIC. INSTALL ALL FINAL SIGNING, STRIPING/PAVEMENT MARKINGS AND ROADWAY LIGHTING.

SPECIFIED HOLIDAYS - NO LANE CLOSURES PERMITED

SEPT. 1-2, 2015 FAIRDALE FAIR SEPT. 5-7, 2015 LABOR DAY WEEKEND THANKSGIVING WEEKEND NOV. 26-29, 2015 DEC. 24-27, 2015 CHRISTMAS HOLIDAY DEC. 31, 2015-JAN. 1, 2016 NEW YEAR HOLIDAY MAR. 25-27, 2016 EASTER WEEKEND MAY 28-30, 2016 MEMORIAL DAY WEEKEND JULY2-4, 2016 INDEPENDENCE DAY WEEKEND LABOR DAY WEEKEND SEPT. 3-5, 2016 NOV. 24-27, 2016 THANKSGIVING WEEKEND DEC. 23-26, 2016 CHRISTMAS HOLIDAY DEC. 30, 2016-JAN. 1, 2017 NEW YEAR HOLIDAY

MAINTENANCE OF TRAFFIC NOTES

A. ALL GRADING AND NECESSARY DRAINAGE (UNLESS A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED) FOR THE TEMPORARY ROADWAY AND REMOVAL THEREOF. WHEN IT IS NO LONGER NEEDED. IF A BID ITEM FOR DETOUR CONSTRUCTION IS INCLUDED. GRADING AND DRAINAGE WILL BE PAID FOR IN THE BID ITEM "DETOUR CONSTRUCTION".

B. ALL LABOR AND MATERIALS NECESSARY FOR CONSTRUCTION AND MAINTENANCE OF TRAFFIC CONTROL DEVICES AND MARKINGS.

C. ALL FLAGPERSONS AND TRAFFIC CONTROL DEVICES SUCH AS, BUT NOT LIMITED TO, FLASHERS, SIGNS BARRICADES AND VERTICAL PANELS. PLASTIC DRUMS (STEEL DRUMS WILL NOT BE PERMITTED) AND CONES NECESSARY FOR THE CONTROL AND PROTECTION OF VEHICULAR AND PEDESTRIAN TRAFFIC AS SPECIFIED IN THESE NOTES, THE PLANS, THE MUTCD OR THE ENGINEER.

3. ANY TEMPORARY TRAFFIC CONTROL ITEMS. DEVICES. MATERIALS AND INCIDENTALS SHALL REMAIN THE PROPERTY OF THE CONTRACTOR WHEN NO LONGER NEEDED.

4. THE CONTRACTOR SHALL MAINTAIN A TWO-LANE TRAVELED WAY WITH A MINIMUM LANE WIDTH OF 10 FEET. HOWEVER, DURING WORKING HOURS, ONE-WAY TRAFFIC MAY BE ALLOWED AT THE DISCRETION OF THE ENGINEER, PROVIDED ADEQUATE SIGNING AND A FLAGPERSON ARE AT THE LOCATION.

5. THE CONTRACTOR SHALL COMPLETELY COVER ANY SIGNS, EITHER EXISTING, PERMANENT OR TEMPORARY, WHICH DO NOT PROPERLY APPLY TO THE CURRENT TRAFFIC PHASING, AND SHALL MAINTAIN THE COVERING UNTIL THE SIGNS ARE APPLICABLE OR ARE REMOVED.

6. IN GENERAL, ALL TRAFFIC CONTROL DEVICES SHALL BE PLACED STARTING AND PROCEEDING IN THE DIRECTION OF THE FLOW OF TRAFFIC AND REMOVED STARTING AND PROCEEDING IN THE DIRECTION OPPOSITE THE FLOW OF TRAFFIC.

7. THE ENGINEER AND THE CONTRACTOR, OR THEIR AUTHORIZED REPRESENTATIVES, SHALL REVIEW THE SIGNING BEFORE TRAFFIC IS ALLOWED TO USE ANY LANE CLOSURES, CROSSOVERS OR DETOURS. ALL SIGNING SHALL BE APPROVED BY THE ENGINEER BEFORE WORK CAN BE STARTED BY THE CONTRACTOR.

8. IF THE CONTRACTOR DESIRES TO DEVIATE FROM THE TRAFFIC CONTROL SCHEME AND CONSTRUCTION SCHEDULE OUTLINED IN THESE PLANS AND THIS PROPOSAL, HE SHALL PREPARE AN ALTERNATE PLAN AND PRESENT IT IN WRITING TO THE ENGINEER. THIS ALTERNATE PLAN CAN BE USED ONLY AFTER REVIEW AND APPROVAL OF THE DIVISIONS OF TRAFFIC, DESIGN, AND CONSTRUCTION, AND THE FEDERAL HIGHWAY ADMINISTRATION, WHERE APPLICABLE.

9. IF TRAFFIC SHOULD BE STOPPED DUE TO CONSTRUCTION OPERATIONS AND AN EMERGENCY VEHICLE ON AN OFFICIAL EMERGENCY RUN ARRIVES AT THE SCENE, THE CONTRACTOR SHALL MAKE THE PROVISIONS FOR THE PASSAGE OF THAT VEHICLE AS QUICKLY AS POSSIBLE.

10. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE FAIRDALE FIRE DEPARTMENT AT ALL TIMES. ANY CHANGES IN ACCESS TO THE FIRE DEPARTMENT SHALL BE APPROVED BY THE FIRE DEPARTMENT AND THE ENGINEER PRIOR TO INSTALLATION.

MAINTENANCE OF TRAFFIC

PEDESTRIAN SAFETY

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED THROUGHOUT ALL PHASES OF CONSTRUCTION. IF THE WORK ZONE AFFECTS THE MOVEMENT OF PEDESTRIANS, ADEQUATE PEDESTRIAN ACCESS AND WALKWAYS SHALL BE PROVIDED. IF THE WORK ZONE AFFECTS AN ACCESSIBLE AND DETECTABLE PEDESTRIAN FACILITY, THE ACCESSIBILITY AND DETECTABILITY SHALL BE MAINTAINED ALONG THE ALTERNATE PEDESTRIAN ROUTE. SEE SECTION 6D.01 (PEDESTRIAN CONSIDERATIONS) OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD, CURRENT EDITION) FOR ADDITIONAL STANDARDS AND GUIDELINES.

LANE CLOSURES

THE SPECIFIED DURATION OF CLOSURE OF FAIRDALE ROAD SHALL BE LIMITED TO 15 DAYS. THE CONTRACTOR WILL BE ASSESSED AT THE RATE OF \$15000/DAY FOR EACH DAY BEYOND THE TIME PERIOD SPECIFIED HERE IN THESE PLANS.

TWO LANE TWO-WAY TRAFFIC SHALL BE MAINTAINED ON EACH ROADWAY AT ALL TIMES BETWEEN THE HOURS OF 6 A.M. AND 9 A.M.; 3 P.M. AND 7 P.M.; AND SHALL BE MAINTAINED DURING HOLIDAYS AND COMMUNITY FESTIVALS, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MAY REDUCE TRAFFIC TO ONE LANE BY USING FLAGMEN ONLY BETWEEN THE HOURS OF 9 A.M. TO 3 P.M. AND 7 P.M. TO 6 A.M. AS DIRECTED BY THE ENGINEER. \$850/HOUR WILL BE CHARGED TO THE CONTRACTOR FOR EVERY HOUR OR PORTION THEREOF BEYOND 3 P.M. OR 6 A.M. THAT A ROADWAY REMAINS REDUCED TO ONE-LANE TRAFFIC WITHOUT THE SPECIFIC APPROVAL OF THE ENGINEER.

PAVEMENT DROP-OFF

A PAVEMENT EDGE THAT TRAFFIC IS NOT EXPECTED TO CROSS, EXCEPT ACCIDENTALLY, SHOULD BE TREATED AS FOLLOWS:

> * LESS THAN TWO INCHES - NO PROTECTION REQUIRED. WARNING SIGNS SHOULD BE PLACED IN ADVANCE AND THROUGHOUT THE DROP-OFF AREA.

* TWO TO FOUR INCHES - PLASTIC DRUMS SHALL BE PLACED EVERY 50 FEET ON TANGENT AND CURVED SECTIONS. CONES MAY BE USED IN PLACE OF PLASTIC DRUMS, DURING DAYLIGHT HOURS. SPACING OF DEVICES ON TAPERED SECTIONS SHOULD BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

* GREATER THAN FOUR INCHES - POSITIVE SEPARATION OR WEDGE WITH 3:1 OR FLATTER SLOPE NEEDED. IF THERE IS FOUR FEET OR MORE DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE DROP-OFF, THEN DRUMS MAY BE USED. IF THE DROP-OFF IS GREATER THAN 12 INCHES, POSITIVE SEPARATION SHALL BE USED.

FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN FOUR INCHES MAY BE PROTECTED WITH PLASTIC DRUMS FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.

THE CONTRACTOR SHALL ONLY OPEN A DROP OFF/ DIGOUT AREA AT A LENGTH THAT CAN BE REFILLED DURING CONSTRUCTION THAT DAY. SHOULDER PAYMENT WILL BE ALLOWED FOR CSB MATERIAL USED FOR WEDGING. DRAINAGE DITCH 20.0' TEMPORARY DIVERSION INSIDE TRUCK APRON PHASE IVB ROADWAY 3" ASPHALT BASE — 10.0' 10.0′ 2.00% 2.00% 2.00% STANDARD HEADER CURB PHASE V TEMPORARY DIVERSION SECTION DETAIL "A" SEE DETAIL "A" SCALE: 1" = 5' (SEE CROSS SECTIONS FOR LIMITS OF ROCK ROADBED) | i_____ ------PHASE II INTERSECTION DIVERSION LAYOUT CHANNELIZING DEVICES (DRUMS) SCALE: 1" = 30'

PROJECT PHASING

PHASE I

MAINTAIN TRAFFIC ON EXISTING MANSLICK ROAD, MT. HOLLY ROAD, FAIRDALE ROAD AND MITCHELL HILL ROAD. CONSTRUCT UNDERGROUND CONDUIT SYSTEM FOR ELECTRIC, TELECOMMUNICATIONS AND ENTERTAINMENT FACILITIES. CONSTRUCT THE FOLLOWING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES: ST-5-1 (BOTTOM PHASE ONLY), ST-5-7, ST-5-8, ST-5-9, ST-5-10, ST-5-11, ST-5-13, ST-7-6, ST-7-7 (BOTTOM PHASE ONLY), ST-7-8, ST-7-9, ST-7-10, ST-7-11, ST-7-12, ST-13-7, ST-13-9, ST-13-10, ST-13-11, ST-15-1. ST-15-2. ST-15-3, ST-15-4 & ST-15-5. COVER BOTTOM PHASE OF ST-5-1 AND ST-7-7 WITH STEEL TRAFFIC PLATES. CONSTRUCT GRADE, DRAIN, CSB, 3" ASPHALT BASE, ISLAND AND STANDARD HEADER CURBS AND INSIDE TRUCK APRON FOR ROUNDABOUT FROM STA. 50+00 TO STA. 51+71 AND STA. 52+93 TO STA. 53+77. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE FOR PHASE II DIVERSION ROADWAY. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE, CURB AND GUTTER FOR NEW MITCHELL HILL ROAD FROM STA. 139+94 TO STA. 141+71

(STOP CURB AND GUTTER AT STA. 141+46). CONSTRUCT MOUNT HOLLY ROAD APPROACH SPLITTER ISLANDS.

PLACE SIGNS FOR FAIRDALE ROAD DETOUR ROUTE (SEE DETOUR PLAN) AND ALL TEMPORARY TRAFFIC CONTROL

DEVICES FOR THE PHASE II DIVERSION BYPASS. OMIT RAISED PAVEMENT MARKERS FOR DIVERSION ROADWAY.

REVISED 11-9-15

SHEET NO.

R29

ITEM NO.

JEFFERSON | 5-8501.00

COUNTY OF

PHASE II

MAINTAIN TRAFFIC ON EXISTING MITCHELL HILL ROAD. DIVERT TRAFFIC ON MANSLICK ROAD AND MT. HOLLY ROAD TO DIVERSION BYPASS. CLOSE FAIRDALE ROAD APPROACH AT STA. 111+35 FOR A PERIOD NOT TO EXCEED 15 DAYS. \$15.000/DAY OR \$1.000/HOUR WILL BE CHARGED TO THE CONTRACTOR FOR EVERY DAY (HOUR) THAT FAIRDALE ROAD REMAINS CLOSED BEYOND THIS PERIOD. ACCESS TO PARCELS 2 AND 6 SHALL BE MAINTAINED OFF OF FAIRDALE ROAD DURING THIS PHASE. CONSTRUCT THE FOLLOWING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES: ST-5-1 (TOP PHASE). ST-5-2. ST-5-3. ST-5-4. ST-5-5. ST-5-6. ST-7-1, ST-7-2, ST-7-3, ST-7-4, ST-7-5, ST-9-1, ST-9-2, ST-9-3 & ST-9-4. CONSTRUCT GRADE, DRAIN, CSB, 3" ASPHALT BASE. ISLAND AND STANDARD HEADER CURBS AND INSIDE TRUCK APRON FOR THE ROUNDABOUT FROM STA. 51+71 TO STA. 52+93. CONSTRUCT GRADE, DRAIN, CSB, 3" ASPHALT BASE, CURB AND GUTTER, SIDEWALK AND TRUCK APRON FOR THE FOLLOWING LOCATIONS: MANSLICK ROAD LEFT OF CENTERLINE FROM STA. 121+40 TO STA. 123+50; MT. HOLLY ROAD LEFT OF CENTERLINE FROM STA. 150+54 TO STA. 152+19; FAIRDALE ROAD FROM STA. 110+00 TO STA. 111+35: CONSTRUCT MANSLICK ROAD AND FAIRDALE ROAD APPROACH SPLITTER ISLANDS. PLACE ALL TEMPORARY OR PERMANENT TRAFFIC CONTROL DEVICES AND SIGNS FOR TRAFFIC TO USE THE COMPLETED ROUNDABOUT DURING THE REMAINING PORTION OF THE PROJECT.

PHASE III

MAINTAIN TRAFFIC ON EXISTING MITCHELL HILL ROAD. REOPEN FAIRDALE ROAD APPROACH TO TRAFFIC AND MAINTAIN TRAFFIC ON MANSLICK ROAD AND MT. HOLLY ROAD USING ROUNDABOUT. CONSTRUCT STORM SEWER STRUCTURE ST-5-12 WITH ITS OUTLET PIPE AND TOP PHASE FOR ST-7-7. CONSTRUCT CURB AND GUTTER AND TRUCK APRON FOR MANSLICK ROAD RIGHT OF CENTERLINE FROM STA. 121+34 TO STA. 123+01. CONSTRUCT CURB AND GUTTER FOR MT. HOLLY ROAD RIGHT OF CENTERLINE FROM STA. 150+00 TO STA. 151+34. CONSTRUCT MITCHELL HILL ROAD SPLITTER ISLANDS. CONSTRUCT REMAINING CURB AND GUTTER AND TRUCK APRON FOR NEW MITCHELL HILL FROM STA. 141+46 TO 141+98. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE COURSES FOR THE ROUNDABOUT AND APPROACHES OF MANSLICK ROAD, MT. HOLLY ROAD, FAIRDALE ROAD AND NEW MITCHELL HILL ROAD WHILE MAINTAINING TRAFFIC WITH FLAGMEN.

PHASE IV

CONSTRUCT REMAINING STORM SEWER STRUCTURES AND INTERCONNECTING PIPES FOR MITCHELL HILL ROAD. CONSTRUCT GRADE, DRAIN, CSB AND 3" ASPHALT BASE FROM STA. 136+94 TO STA. 139+94. WEDGE PAVEMENT UNDER TRAFFIC. SHIFT TRAFFIC TO NEW MITCHELL HILL ROAD PAVEMENT AND ROUNDABOUT. CONSTRUCT CURB AND GUTTER LEFT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 136+94 TO STA. 139+94. MAINTAIN ACCESS TO PARCEL 13 AND PARCEL 14 FROM OLD MITCHELL HILL ROAD.

PHASE IVA

CONSTRUCT CURB AND GUTTER RIGHT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 138+36 TO STA. 139+94. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE AND CONCRETE ENTRANCE TO FIRE DEPARTMENT FROM STA. 138+36 TO STA. 139+94. MAINTAIN FIRE DEPARTMENT ACCESS BETWEEN STA. 137+60 AND STA. 138+36.

SHIFT FIRE DEPARTMENT ACCESS TO BETWEEN STA. 138+36 AND STA. 139+70. CONSTRUCT CURB AND GUTTER RIGHT OF MITCHELL HILL ROAD CENTERLINE FROM STA. 137+44 TO STA. 138+36. CONSTRUCT 3 1/2" AND 3 1/4" ASPHALT BASE AND CONCRETE ENTRANCE TO FIRE DEPARTMENT FROM STA. 137+44 TO STA. 138+36.

CONSTRUCT GUARDRAIL ON OLD MITCHELL HILL ROAD AT STA. 59+89. CONSTRUCT REMAINING STANDARD HEADER CURB ON MANSLICK ROAD RIGHT OF CENTERLINE FROM STA. 120+00 TO 120+94. CONSTRUCT SIDEWALK AND CURB AND GUTTER FOR OLD MITCHELL HILL ROAD FROM STA. 61+28 TO STA. 62+43 LEFT OF CENTERLINE AND STA. 62+23 TO STA. 62+35 RIGHT OF CENTERLINE. CONSTRUCT ALL REMAINING SIDEWALKS, MULTI-USE PATH AND FINAL PAVEMENT SURFACING FOR THE ROUNDABOUT AND ALL APPROACHES UNDER TRAFFIC. INSTALL ALL FINAL SIGNING, STRIPING/PAVEMENT MARKINGS AND ROADWAY LIGHTING.

SPECIFIED HOLIDAYS - NO LANE CLOSURES PERMITED

SEPT. 1-2, 2015 FAIRDALE FAIR SEPT. 5-7, 2015 LABOR DAY WEEKEND THANKSGIVING WEEKEND NOV. 26-29, 2015 DEC. 24-27, 2015 CHRISTMAS HOLIDAY DEC. 31, 2015-JAN. 1, 2016 NEW YEAR HOLIDAY MAR. 25-27, 2016 EASTER WEEKEND MAY 28-30, 2016 MEMORIAL DAY WEEKEND JULY2-4, 2016 INDEPENDENCE DAY WEEKEND LABOR DAY WEEKEND SEPT. 3-5, 2016 NOV. 24-27, 2016 THANKSGIVING WEEKEND DEC. 23-26, 2016 CHRISTMAS HOLIDAY DEC. 30, 2016-JAN. 1, 2017 NEW YEAR HOLIDAY

MAINTENANCE OF TRAFFIC NOTES

KENTUCKY TRANSPORTATION CABINET COMMUNICATION ALL PROMISES (CAP)

ADDED ADDENDUM #1: 11-10-15 Contract ID: 151271 Page 13 Page 1 of 3

Item Number	County	Route	Project Manager
05-8501.00	JEFFERSON	KY 2055	kytc\Elizabeth.Niemann

CAP#	Date of Promise	Requestor	Location of Promise:	CAP Description
1	9/11/15	BSB Properties, Inc	P2	(not signed yet) Owner desires text on moving entrance along Mt. Holly Road as far east as possible, and contractor penalties for additional/extended closures of parking spaces.
2	9/11/15	Fairdale Fire Protection District, Inc	P4	(not signed yet) Letter correspondence between Chadwick Gardner, attorney for the Fairdale Fire Protection District, Inc. and the Kentucky Transportation Cabinet dated July 29, 2015 and July 30, 2015 are attached and all terms discussed in the letter correspondence are included in this Memorandum of Understanding by reference
3	9/11/15	Collis B. Nelson	P10	The existing water meter will be reinstalled and reconnected for the owner if it is disturbed during construction.
4	9/11/15	JCPS Finance	P12	The Department will completely remove and discard the two existing light poles and bases as a part of the right of way acquisition. Demolition of light poles and bases will occur at the same time as other demolition on the project, not immediately after the acquisition is complete.
5	9/11/15	Kenneth & Judi Rennirt	P16	The property owners state that there is an existing 10 foot sewer easement dated June 26, 1964 on 1004 Mitchell Hill Road, Fairdale, KY 40118. Grantee agrees to leave the property in a comparable condition to the existing use, as designed, and for its contractors or assigns to remove any debris that results from access given by this easement. Parking for two vehicles shall be maintained on the east (front) side of the existing improvement during construction. Vehicle access shall be maintained on the north side of the existing improvement during construction. Permanent easement for drainage and utilities shall not prevent vehicular access from circulating the existing improvement once construction is complete. Grantee agrees to ensure adherence with Section 107 of the Kentucky Transportation Cabinet Standard Specifications and all federal, state, and local laws and shall not impose any hazardous materials on the property that conflict with these specifications or laws.
6	9/11/15	Bearnies Automotive	P30	Contractor shall contact Bill Clifford (502-367-6626) and Arvil of Fairdale Auto Parts (502-361-4442) prior to construction to discuss construction schedule.
7	4/20/15	Jefferson County School District, Finance Corporation	Parcel 12	THIS CAP SUPERSEDES CAP #4. THE DEPARTMENT WILL COMPLETELY REMOVE AND DISCARD THE TWO EXISTING LIGHT POLES AND BASES AS A PART OF THE RIGHT OF WAY ACQUISITION. DEMOLITION OF LIGHT POLES AND BASES WILL OCCUR AT THE SAME TIME AS OTHER DEMOLITION ON THE PROJECT, NOT IMMEDIATELY AFTER THE ACQUISITION IS COMPLETE. ACCESS ONTO MITCHELL HILL ROAD WILL REMAIN AS SHOWN ON THE PLANS.

CAP#	Date of Promise	Requestor	Location of Promise	·
				THIS CAP SUPERSEDES CAP #3.
8	10/7/14	Collis B. Nelson	Parcel 10	THE EXISTING WATER METER WILL BE REINSTALLED AND RECONNECTED FOR THE OWNER IF IT IS DISTURBED DURING CONSTRUCTION.
9	3/24/15	Kenneth F. & Judith A. Rennirt	Parcel 16	THIS CAP SUPERSEDES CAP #5. THE PROPERTY OWNERS STATE THAT THERE IS AN EXISTING 10 FOOT SEWER EASEMENT DATED JUNE 26, 1964 ON 1004 MITCHELL HILL ROAD, FAIRDALE, KY 40118. GRANTEE AGREES TO LEAVE THE PROPERTY IN A COMPARABLE CONDITION TO THE EXISTING USE, AS DESIGNED, AND FOR ITS CONTRACTORS OR ASSIGNS TO REMOVE ANY DEBRIS THAT RESULTS FROM ACCESS GIVEN BY THIS EASEMENT. PARKING FOR TWO VEHICLES SHALL BE MAINTAINED ON THE EXISTING IMPROVEMENT DURING CONSTRUCTION. VEHICLE ACCESS SHALL BE MAINTAINED ON THE NORTH SIDE OF THE EXISTING IMPROVEMENT DURING CONSTRUCTION. PERMANENT EASEMENT FOR DRAINAGE AND UTILITIES SHALL NOT PREVENT VEHICULAR ACCESS FROM CIRCULATING THE EXISTING IMPROVEMENT ONCE CONSTRUCTION IS COMPLETE. GRANTEE AGREES TO ENSURE ADHERENCE WITH SECTION 107 OF THE KENTUCKY TRANSPORTATION CABINET STANDARD SPECIFICATIONS AND ALL FEDERAL, STATE, AND LOCAL LAWS AND SHALL NOT IMPOSE ANY HAZARDOUS MATERIALS ON THE PROPERTY THAT CONFLICT WITH THESE SPECIFICATIONS OR LAWS.
10	7/24/15	Bearnies Automotive, Inc.	Parcel 30	THIS CAP SUPERSEDES CAP #6. CONTRACTOR SHALL CONTACT BILL CLIFFORD (502-367-6626) AND ARVIL OF FAIRDALE AUTO PARTS (502-361-4442) PRIOR TO CONSTRUCTION TO DISCUSS CONSTRUCTION SCHEDULE.
11	10/21/15	Nadir H. Al Shami	Parcel 8	CONTRACTOR AND SUB-CONTRACTORS SHALL CONTACT THE PROPERTY OWNER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY WORK ON THE PROPERTY. CONTRACTOR AND SUB-CONTRACTORS SHALL CONTACT THE PROPERTY OWNER AT LEAST 48 HOURS PRIOR TO ANY PLANNED CLOSURE OF THE ENTRANCE TO THE PROPERTY.

JEFFERSON COUNTY DE05620551572

KENTUCKY TRANSPORTATION CABINET COMMUNICATION ALL PROMISES (CAP)

ADDED ADDENDUM #1: 11-10-15 Contract ID: 151271 Page 3 of 3

CAP#	Date of Promise	Requestor	Location of Promise:	CAP Description
12	10/12/15	Fairdale Fire Protection District, Inc.	Parcel 4	THIS CAP SUPERSEDES CAP #2. ALL CONNECTIONS TO PUBLIC UTILITIES THAT HAVE BEEN DISTURBED AS A PART OF THIS PROJECT SHALL BE RECONNECTED. THIS INCLUDES ENSURING THE FAIRDALE FIRE DEPARTMENT REMAINS IN COMPLIANCE IN REGARDS TO THE UNDERGROUND COMMUNICATIONS LINE. CONTRACTOR SHALL PROVIDE 24/7 EMERGENCY ACCESS FROM AT LEAST ONE SERVICE BAY AT ALL TIMES AND WILL COORDINATE WITH THE FAIRDALE FIRE DEPARTMENT DURING CONSTRUCTION TO ADJUST TRUCK LOCATIONS AS NEEDED. CHIEF DONALD WITTY (OFFICE: 502-366-0122; CELL: 502-375-0175). DURING CONSTRUCTION, SERVICE SHALL BE MAINTAINED TO THE EXISTING FIRE HYDRANT CURRENTLY LOCATED ON THE EAST FRONT CORNER OF THE EXISTING BUILDING.